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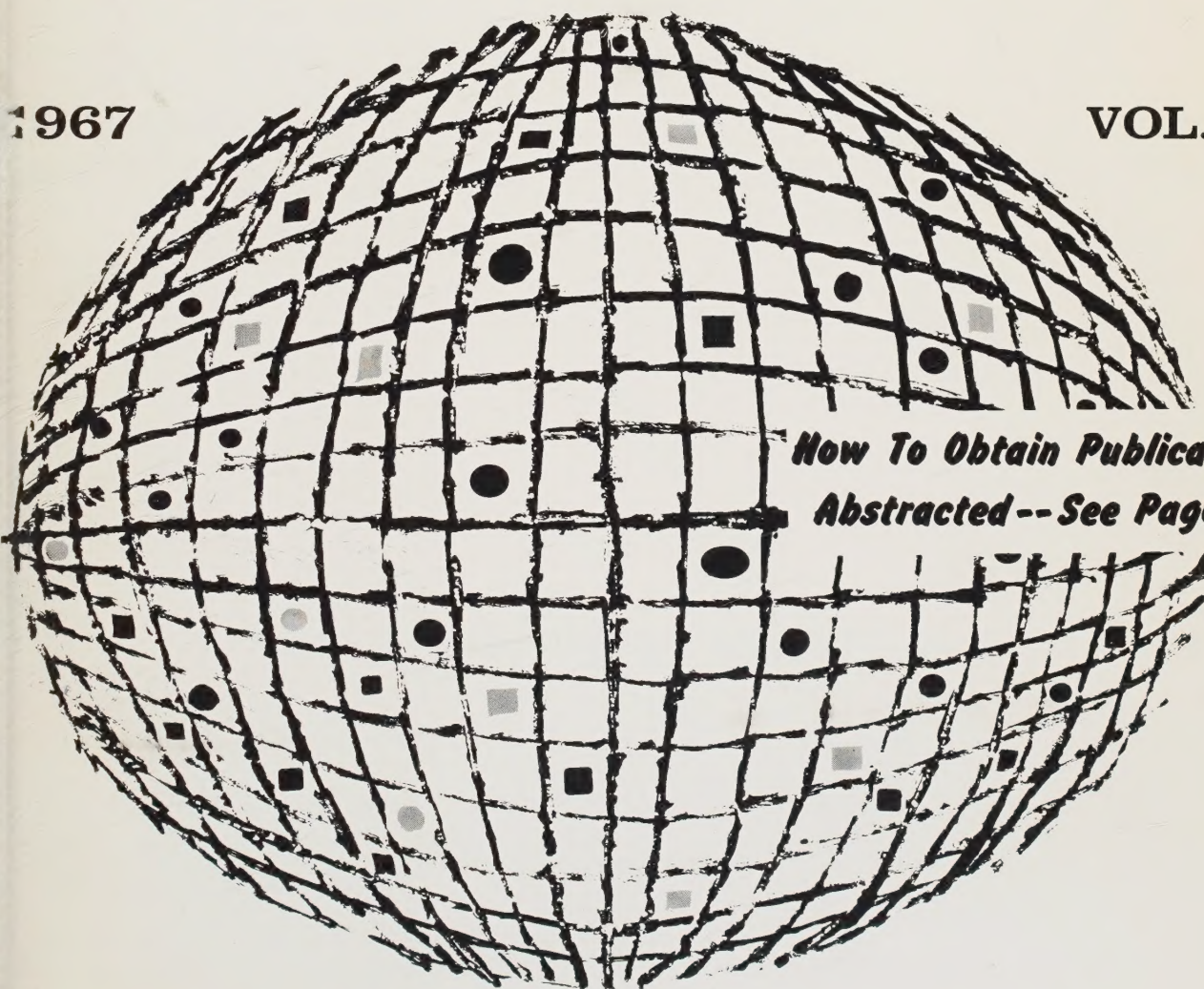
ACCESSION NOS. A67-10001 to A67-43116

INTERNATIONAL AEROSPACE ABSTRACTS

PART 3, PERSONAL AUTHOR, CONTRACT NUMBER, MEETING
PAPER & REPORT NO., AND ACCESSION NUMBER INDEXES

1967

VOL. 7



*How To Obtain Publications
Abstracted -- See Page IV*

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PART 3

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CONTENTS

	Pages	
PART 1		
INTRODUCTION	iii	
HOW TO OBTAIN PUBLICATIONS ABSTRACTED	iv	
CROSS REFERENCES	iv	
LIST OF PERIODICALS SCANNED	v	— xxi
SUBJECT INDEX, A - L	A1	— A894
PART 2		
INTRODUCTION	iii	
HOW TO OBTAIN PUBLICATIONS ABSTRACTED	iv	
CROSS REFERENCES	iv	
SUBJECT INDEX, M - Z	A895	— A1871
PART 3		
INTRODUCTION	iii	
HOW TO OBTAIN PUBLICATIONS ABSTRACTED	iv	
PERSONAL AUTHOR INDEX	B1	— B728
CONTRACT NUMBER INDEX	C1	— C69
MEETING PAPER AND REPORT NO. INDEX	D1	— D29
ACCESSION NUMBER INDEX	E1	— E148

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Issue Number	Page Number	Accession Number
01	p0007	A67-11162

To compensate for computer printing limitations, substitutes have been used for certain punctuation marks, as follows: / for parentheses, * for the apostrophe and single quotation marks, and ** for double quotation marks. For the same reason, mathematical signs and symbols have been expressed in words.

A

- AAMODT, R. E.**
Test waves in weakly turbulent plasmas. 18 p3092 A67-34744
- AARON, R.**
Self-consistent three-body calculation of pion-nucleon scattering. 04 p0660 A67-14858
Three-body approach to direct nuclear reactions. 24 p4191 A67-42593
- AARONS, J.**
Latitudinal effects on satellite scintillations. 03 p0406 A67-12820
[AFCR-66-864]
A comparison of scintillations at two middle latitude observatories. 10 p1640 A67-23233
Studies of the latitudinal variations of irregularities by means of synchronous and 1000 km satellites. 10 p1640 A67-23234
Frequency dependence of radio star scintillations. 15 p2555 A67-29621
Geophysical aspects of radio star and satellite ionosphere scintillations. 15 p2482 A67-30286
[AGARDOGRAPH 95]
Studies of irregular atmospheric refraction using stationary satellites. 19 p3182 A67-35172
- AASNAES, H. B.**
A modified Bode criterion for feedback-system stability. 01 p0045 A67-11198
- ABARBANEL, S.**
A note on the dynamical interaction of small interplanetary particles with the earth's upper atmosphere. 22 p3890 A67-40473
- ABARBANEL, S. S.**
Trajectory of a rebounding detonation wave. 10 p1626 A67-23152
Uni-directional perturbation methods in rarefied gas dynamics. 13 p2100 A67-26955
- ABATUT, J.-L.**
Classification of automatic control systems /Classification des systemes de commande automatique/. 13 p2088 A67-26800
- ABAYARATNA, A.**
Some problems of orbital prediction. 18 p3126 A67-34246
- ABAZADZE, I. V.**
A traveling-wave maser amplifier using chromium-doped rutile and placed in a magnet with superconducting coils. 05 p0825 A67-17161
- ABBAGNARO, L. A.**
External-ear replica for acoustical testing. 21 p3577 A67-38148
- ABBAS, A. A. M.**
Electrical measurements on a moving argon plasma. 09 p1540 A67-21786
- ABBASOV, A. R.**
Relation between the radio-emission flux from local solar sources and the optically observable structure of active solar regions /O svyazi potoka radioizlucheniia lokal'nykh istochnikov na solntse so stroeniem aktivnykh oblastei, nabludaemykh opticheskii/. 17 p2948 A67-32969
Influence of the magnetic field on the flux of radio emission from sources associated with sunspot groups. 24 p4209 A67-42136
- ABBASOV, A. S.**
Investigation of the thermodynamic properties of gallium arsenide by the electromotive force method /Issledovanie termodynamicheskikh svoystv arsenida galliia metodom elektrovizhushchikh sil/. 03 p0498 A67-13840
- ABBE, C. J.**
Influence of storable propellant liquid rocket design parameters on combustion instability. [AIAA PAPER 67-474] 18 p3113 A67-33944
- ABBETT, M.**
A time-dependent computational method for blunt body flows. 04 p0546 A67-14818
- ABBOTT, A. S.**
A model to approximate the effects of propellant slosh on vehicle dynamics under zero gravity conditions. 22 p3907 A67-40180
- ABBOTT, C. E.**
Epoch sensitivity of superheterodyne microwave receivers to electromagnetic pulses produced by electrical discharge between water drops. 24 p4124 A67-42883
- ABBOTT, J. K.**
Acquisition of sun-pointing attitude by space vehicles without the use of rate gyroscopes. 24 p4182 A67-41974
- ABBOTT, M. B.**
An introduction to the method of characteristics. 15 p2472 A67-29677
- ABBOTT, N. E.**
Stability analysis of numerical integration. 19 p3249 A67-34839
- ABBOTT, P. W.**
Analysis of the response of a gyroscope equipped with a nutation damper to translational accelerations. 12 p1942 A67-25679
- ABDEL-AZIZ, H. A.**
Low-endurance fatigue of an aluminium alloy and a stainless steel in plane bending at ambient and elevated temperatures. 05 p0920 A67-16810
Low-endurance fatigue studies in torsion for steel and aluminium alloy. 12 p2016 A67-25425
- ABDEL-GHANY, S. M.**
Experiments on a shock-tube magneto-Fanno process /Issledovanie fanno-protessa na udarnoi trube/. 17 p2898 A67-32183
- ABDELMIGID, S. B.**
A grid analogy for the non-linear behaviour of elastic flat plates. 14 p2403 A67-29015
- ABDERRAZIK, J.-E.**
The spherical-mirror Fabry-Perot resonator and its utility in spectrum analysis /Le resonateur Perot-Fabry a miroirs spheriques et son utilisation en analyse spectrale/. 23 p3998 A67-40709
- ABDIEV, S.**
Texture and electrical conductivity of cadmium sulfide films. 03 p0498 A67-13868
Crystallographic anisotropy of the electrical properties of CdS films /Kristallograficheskaya anizotropiya elektricheskikh svoystv plenok CdS/. 12 p1984 A67-25520
Crystallographic anisotropy of the electrical properties of CdS films. 18 p3103 A67-34451
- ABDINOV, D. SH.**
Selenium as a polymer semiconductor and its conduction mechanism. 01 p0138 A67-11297
- ABDINOVA, S. G.**
About the role of minority carriers in the impurity conduction of GaSb. 21 p3687 A67-39141
- ABDO, D. A.**
Exposing IC defects with selective chromate conversion. 22 p3771 A67-39835
- ABDU, M. A.**
Attenuation of galactic radio noise at 25 MHz and 21.3 MHz in the ionosphere over Ahmedabad during 1957-1964. 11 p1784 A67-23934
- ABDULLAEV, G. B.**
About phonon scattering in doped GaSb crystals. 03 p0488 A67-12811
Effect of partial substitution of lanthanum for germanium on the thermoelectric properties of GeTe /Vlianie chastichnogo zameshcheniia germaniia lantanom na termoelektricheskie svoystva GeTe/. 03 p0500 A67-14231
Rectifying and photoconductive properties of p-GaSe single crystals. 04 p0676 A67-14930
The effect of transition metal impurities on the lifetime of minority carriers in N-Si. 05 p0865 A67-16967
The reactive properties of reverse-biased silicon p-n junction. 05 p0869 A67-17171
Electric conductivity studies of p-GaTe polycrystals and single crystals in strong electric fields. 14 p2375 A67-29085
Study of electron lifetime in p-Si. 16 p2725 A67-30807
The investigation of the reactive characteristics of diffused silicon p-n junctions. 16 p2726 A67-30817
- ABDULLAEV, G. G.**
Electrical conductivity of p-GaSe single crystals in strong electric fields. 04 p0676 A67-14929
- ABDULLAEVA, M. K.**
Negative-ion sputtering of solid surfaces under ion bombardment /Otritsatel'no-ionnoe raspylenie tverdykh poverkhnostei pri bombardirovke ikh ionami/. 06 p1036 A67-18425
- ABDURZAEV, M. A.**
Approximate solution of the equilibrium equation for noncircular cylindrical shells by the small-parameter method /Priblizhennoe reshenie uravneniia ravnovesiia nekrugovykh tsilindricheskikh obolochek metodom malogo parametra/. 12 p2019 A67-25562
- ABDURAGIMOV, M. A.**
A nonlinear boundary value problem /Ob odnoi nelineinoi kraevoi zadache/. 12 p1961 A67-25442
- ABDURAKHMANOVA, A. A.**
Thermal conductivity and electric properties of the solid solutions of /GaSb/ sub x /GaTe/ sub 1 sub -x and /GaSb sub 3 sub x /Ga sub 2 Te sub 3/ sub 1 sub -x /O teploprovodnosti i elektricheskikh svoystvakh tverdykh rastvorov /GaSb/ sub x /GaTe/ sub 1 sub -x i /GaSb/ sub 3 sub x /Ga sub 2 Te sub 3/ sub 1 sub -x/. 16 p2729 A67-31155
- ABDUVAKHIDOV, KH. M.**
Temperature dependence of the hole-capture cross section in InSb /O temperaturnoi zavisimosti secheniia zakhvata dyrok v InSb/. 12 p1984 A67-25523
Temperature dependence of the cross section for the capture of holes in InSb. 18 p3103 A67-34454

- ABE, A.**
Travelling-wave field-effect transistors. 04 p0582 A67-15096
- ABE, H.**
Higher harmonics of the anomalous cyclotron emission from partially ionized plasma. 03 p0476 A67-13358
- ABE, S.**
Non-linear free flexural vibration of heated plates with initial deflection. 10 p1715 A67-22825
- ABE, T.**
Frequency of microwave oscillation in GaAs p-n junctions. 01 p0137 A67-11070
Observations of defects in silicon single crystals. 04 p0675 A67-14769
- ABELES, B.**
Tunnelling induced by longitudinal microwave phonons in Al-Pb, Al-Sn, and Pb-Pb superconducting diodes. 03 p0379 A67-13330
Critical magnetic fields of granular superconductors. 14 p2373 A67-28860
- ABELMANN, R. A.**
X-ray spectrometer performance as a function of electron probe geometry. 04 p0621 A67-15114
- ABELMANN, W. H.**
Circulatory response to upright tilt in patients with heart disease. 07 p1135 A67-19866
- ABEND, K.**
Compound decision procedures for pattern recognition. 02 p0208 A67-12164
- ABERT, J. G.**
Evaluating aircraft requirements in the light of varying or uncertain mission mixes. 22 p3745 A67-39618
- ABERTH, W.**
Differential cross section for excitation of the 2 super 3 S and higher states of He by 600-ev He super plus ions. 01 p0116 A67-10337
Collision spectroscopy. 22 p3839 A67-39205
- ABEZGAUZ, I. D.**
Semiconductor Devices with Negative Resistance /Poluprovodnikovye Pribory s Otritsatel'ny'm Soprotivleniem/. 05 p0770 A67-16171
- ABGRALL, F.**
Experimental demonstration of the ion-acceleration region after coupling of two high-frequency and magnetic-field-gradient accelerators /Mise en evidence experimentale de la zone d'acceleration des ions apres jumelage de deux accelereurs a haute frequence et gradient de champ magnetique/. 11 p1841 A67-24767
- ABLES, H. D.**
Color photographs of astronomical objects. 06 p1002 A67-17975
- ABLES, J. G.**
The cosmic radiation anisotropy as a separable function of time and radiation. 17 p2938 A67-33209
- ABLAZOV, V. S.**
Sensitivity of a radiometer operating in the submillimeter range /K voprosu o chuvstvitel'nosti radiometra submillimetrovogo diapazona/. 16 p2677 A67-31501
Estimation of the fluctuation sensitivity of a measuring receiver modulated by an intermediate-frequency amplifier /Otsenka fluktuatsionnoi chuvstvitel'nosti izmeritel'nogo priemnika s modulatsiei po upchu/. 19 p3198 A67-36016
- ABNEY, F.**
SPECS - A versatile space-qualified detector of charged particles. 20 p3443 A67-36517
- ABONYI, I.**
Classification of small amplitude waves, surfaces of weak discontinuity and shock waves in ideal magnetohydrodynamic media. 19 p3294 A67-35409
The Crocco-Vazsonyi equation in relativistic hydrodynamics of ideal fluids. 19 p3210 A67-35707
Solution of the relativistic Boltzmann collisionless equation in the presence of certain external fields /Sur la solution de l'equation de Boltzmann relativiste sans collisions en presence de certains champs externes/. 19 p3266 A67-35710
- ABOWITZ, G.**
Effect of surface states on electron mobility in silicon surface-inversion layers. 03 p0496 A67-13577

- ABRAHAM-SHRAUNER, B.**
Theoretical proton velocity distributions in the flow around the magnetosphere. 08 p1377 A67-21315
Theoretical proton velocity distributions in the flow around the magnetosphere. 20 p3518 A67-36653
Propagation of hydromagnetic waves through an anisotropic plasma. 22 p3843 A67-39268
Shock jump conditions for an anisotropic plasma. 22 p3843 A67-39269
- ABRAHAM, E. E.**
Beam/plasma interaction with transverse modulation. 09 p1546 A67-22280
Observations of a "hose" instability of an electron beam in a plasma. 11 p1841 A67-24928
Comparison of experimental and theoretical results on beam-plasma interaction. 19 p3290 A67-35380
- ABRAHAM, F.**
Multiple meson production by heavy primary nuclei of cosmic origin and their fragmentation products at energies above 10 super 12 ev. 20 p3518 A67-37092
- ABRAHAM, P. B.**
Production of low-energy cosmic-ray electrons. 02 p0312 A67-12635
- ABRAMIAN, A. A.**
Asynchronous Detection and Reception of Pulsed Radio Signals /Asinkhronnoe Detektirovanie i Priem Impul'snykh Radiosignalov/. 05 p0761 A67-16172
- ABRAMIAN, B. L.**
Contact problem of torsion for an elongated ellipsoid of revolution /Obodnoi kontaktnoi zadache kruchenila vytyanutogo ellipsoida vrashcheniya/. 03 p0530 A67-14199
- ABRAMIAN, I. A.**
Silicon diodes with a controlled differential negative resistance /Kremnyeve diody s upravlaemym differentsial'ny'm otritsatel'ny'm soprotivleniem/. 20 p3397 A67-36696
Reliability of high-power transistors /K voprosu o nadezhnosti moshchnykh tranzistorov/. 22 p3771 A67-39827
- ABRAMOV, A. M.**
Study of the process of forming closed-contour shells by straining /Issledovanie protsessa formirovaniya obolochek zamknutykh konturov rastizheniem/. 07 p1191 A67-19750
Production of gas-turbine engines /Proizvodstvo gazoturbinnyykh dvigatelei/. 11 p1798 A67-24516
- ABRAMOV, I. U.**
Transport of high-intensity resonant radiation. 23 p4051 A67-40909
- ABRAMOV, R. A.**
Transfer function of the feedback circuit of a gyro-stabilizer with a two-phase asynchronous motor /O peredatochnoi funktsii tsepi obratnoi svyazi girostabilizatora s dvukhfaznym asinkhronnym dvigatelem/. 22 p3810 A67-40483
- ABRAMOV, S. M.**
Electroluminescence spectra of gallium phosphide diodes /O spektrakh elektroluminesentsii diodov na osnove fosfida galliya/. 12 p1914 A67-25438
- ABRAMOV, V. A.**
Electron-ion recombination in a plasma. 03 p0474 A67-12853
- ABRAMOV, V. G.**
A thermographic method for the investigation of the kinetics of heat evolution. 22 p3917 A67-39586
- ABRAMOVA, K. B.**
Magnetohydrodynamic instabilities during electrical explosion. 01 p0126 A67-11296
Magnetic confinement systems with minimum-B toroidal fields /"Tornado"/. 09 p1545 A67-22005
- ABRAMOVA, L. T.**
A thermographic method for the investigation of the kinetics of heat evolution. 22 p3917 A67-39586
- ABRAMOVICH, G. N.**
An investigation into turbulent submerged jets over a wide temperature range. 04 p0602 A67-14638
Study of the leading section of turbulent jets of various gases in the wake air flow /Issledovanie nachal'nogo uchastka turbulentnykh strui razlichnykh gazov v sputnom potoke vozdukh/. 06 p0982 A67-17743
- ABRAMOWITZ, J.**
Detection of hydrogen in air by means of

- alkali ion current from hot palladium. 08 p1330 A67-20376
- ABRAMS, R. L.**
Laser-pumped microwave emission in excited states of neon. 05 p0817 A67-16638
Near infrared laser transitions in pure helium. 22 p3817 A67-40488
- ABRAMSKII, F. A.**
Divergence of gas-laser radiation generated by TEM sub nm modes /O raskhodimosti izlucheniya gazovykh lazerov pri generatsii na modakh tipa TEM sub nm/. 14 p2332 A67-28854
Divergence of the emission of gas lasers in TEM sub nm type modes. 19 p3242 A67-36106
Study of the divergence of the radiation of helium-neon lasers. 24 p4169 A67-42891
- ABRAMSON, F. P.**
Method for improving sensitivity and resolution of mass spectrometer. 02 p0248 A67-12700
Mass spectrometric investigation of H and H sub 2 transfer reactions of hydrocarbon ions. 12 p1903 A67-25969
- ABRAMSON, H. N.**
The vibrations of elastic shells containing liquids. 01 p0165 A67-11441
Some studies of nonlinear lateral sloshing in rigid containers. 05 p0790 A67-16135
- ABRAMSON, L. R.**
Minimum variance estimation and prediction theory. 10 p1606 A67-23084
- ABRAMSON, N.**
Effect of heat stress upon human renal function. 10 p1599 A67-23811
- ABROIAN, I. A.**
Induced conductivity and secondary emission of semiconductors and dielectrics under positive ion bombardment. 13 p2177 A67-27073
- ABRONSON, C. J.**
Solid state K-band superheterodyne receiver. 18 p3011 A67-34068
- ABROSIMOV, A. T.**
Ultrahigh energy primary cosmic radiation according to extensive air shower data. 02 p0311 A67-12589
All-Union Conference on the Physics of Cosmic Rays, Moscow, USSR, November 15-20, 1965, Proceedings /Vsesoluznoe Soveshchanie po Fizike Kosmicheskikh Luchei, Moscow, USSR, November 15-20, 1965, Materialy/. 02 p0313 A67-12744
Phenomenological characteristics of extensive air showers with a fixed number of muons and electrons /Fenomenologicheskie kharakteristiki shirokikh atmosferykh livnel s fiksirovannym chislom mu-mezonov i elektronov/. 02 p0318 A67-12777
Superhigh-energy primary cosmic radiation and extensive air showers /Pervichnoe kosmicheskoe izluchenie sverkhvysokoi energii i shirokie atmosferye livni/. 02 p0318 A67-12778
Radio emission of extensive air showers /EAS/ of cosmic rays. 12 p1940 A67-25337
Phenomenological characteristics of extensive air showers with a fixed number of muons and electrons. 22 p3877 A67-40279
Superhigh energy primary radiation and extensive air showers. 22 p3877 A67-40280
- ABU-AKEEL, A. K.**
The electrodynamic vibration absorber as a passive or active device. [ASME PAPER 67-VIBR-18] 11 p1796 A67-24177
- ABU-ROMIA, M. M.**
Appropriate mean absorption coefficients for infrared radiation of gases. [ASME PAPER 67-HT-10] 20 p3545 A67-36708
- ABU-SHUMAYS, I. K.**
Generating functions and reflection and transmission functions. 17 p2876 A67-32557
- ABUAF, N.**
Momentum accommodation of argon in the 0.06 to 5 ev range. 13 p2098 A67-26946
Studies of low density supersonic jets. 14 p2301 A67-28183
- ABYZOV, S. S.**
Exobiology and the effect of physical factors on micro-organisms. 15 p2427 A67-29117
On the possibility of protracted anabiosis in microorganisms. 15 p2427 A67-29118
- ABZUG, M. J.**
Final-value homing missile guidance. 07 p1221 A67-19383
- ACAMPORA, A.**
Use of phase subtraction to extend the

- range of a phase-locked demodulator. 06 p0969 A67-18109
- ACCARDO, A. F.**
Design of the circular platform for the peripheral jet air-cushion vehicle /Progetto della piattaforma circolare per veicolo a cuscino d'aria a getto periferico/. 22 p3745 A67-39726
- ACCARDO, C. A.**
Rocket observations of the eclipse in Brazil. 06 p0981 A67-18382
- ACHENBACH, J. D.**
Torsional oscillations of an encased hollow cylinder of finite length. 02 p0337 A67-11932
Effect of elastic case on stability of radial modes in solid propellant rockets. [AIAA PAPER 66-473] 07 p1240 A67-19370
Forced torsional motion of an inhomogeneous hollow cylinder. 07 p1264 A67-20234
On dynamic theories of fiber-reinforced composites. 10 p1724 A67-23708
Propagation of waves from a spherical surface of time-dependent radius. 11 p1871 A67-23964
Vibrations of a viscoelastic body. 14 p2400 A67-28143
The propagation of stress discontinuities according to the coupled equations of thermoelasticity. 21 p3715 A67-37893
- ACHILDEV, A. I.**
Rigidity of a surface with flattened point /O zhestkost' poverkhnosti s tochkoi uploshcheniia/. 16 p2698 A67-31912
- ACHTER, M. R.**
X-ray diffraction study of the perfection of niobium /columbium/ single crystals. 05 p0828 A67-16470
Effect of environment on fatigue cracks. 24 p4248 A67-41945
- ACKER, J. R.**
Integrating the operational spacecraft displays into the future guidance and control systems. [AIAA PAPER 67-552] 19 p3257 A67-35949
- ACKERET, J.**
Aspects of internal flow. 11 p1776 A67-24042
- ACKERMAN, B.**
The nature of the meteorological fluctuations in clouds. 10 p1676 A67-22817
- ACKERMAN, M.**
Shock wave from a release of gas at 230 km altitude. 05 p0795 A67-16027
- ACKERMAN, S.**
Analysis of a programmed multipulse laser range measurement system. 23 p4016 A67-41265
- ACKERSON, K. L.**
Explorer 12 observations of charged particles in the inner radiation zone. 08 p1378 A67-21471
- ACKET, G. A.**
Electric transport in n-type Fe sub 2 O sub 3. 02 p0299 A67-12085
Determination of the negative differential mobility of n-type gallium arsenide using 8-mm microwaves. 09 p1552 A67-21744
Determination of the Hall-mobility of hot electrons in gallium-arsenide using 8 mm-microwaves. 22 p3858 A67-39518
- ACKET, G. O.**
Behaviour of n-type gallium arsenide in strong microwave fields. 17 p2913 A67-32310
- ACKLES, K. N.**
The rationale of mask-mounted hypoxia warning systems. 23 p3968 A67-41629
- ACKLEY, R. A.**
A laser interferometer and its application to vibration amplitude measurement. 12 p1943 A67-25696
- ACKROYD, J. A. D.**
On the laminar compressible boundary layer with stationary origin on a moving flat wall. 21 p3611 A67-37927
On the laminar compressible boundary layer induced by the passage of a plane shock wave over a flat wall. 21 p3611 A67-37928
- ACOSTA, A. J.**
Investigation of cavitating cascades. [ASME PAPER 66-WA/FE-25] 04 p0607 A67-15355
Measurements on fully wetted and ventilated ring wing hydrofoils. [ASME PAPER 66-WA/UNT-4] 04 p0608 A67-15383
- ACRIVOS, A.**
Steady flows in rectangular cavities. 17 p2836 A67-32279
- ACTON, L.**
High-temperature spectral emissivities and total intensities of the 15-mu band system of CO sub 2. 06 p1118 A67-18539
- ACTON, L. W.**
X-ray spectra of several cosmic sources. 11 p1856 A67-24505
Spectrographic observations of the flare of July 20, 1961. 14 p2381 A67-28835
- ADACHI, J.**
Measurements of the displacements of spherical caps during snap-through buckling. 05 p0920 A67-16825
- ADACHI, S.**
A theory and a model experiment on radio propagation in a medium in which permittivity varies bilinearly with a distance. 12 p1908 A67-26220
- ADAIR, R. K.**
Search for fractionally charged particles produced by cosmic rays. 02 p0313 A67-12636
Search for charge-2/3 quarks produced by cosmic rays. 11 p1823 A67-24598
- ADAM-BENVENISTE, M.**
Electrical conductivity of MgF sub 2 -doped lithium fluoride at ambient temperature /Conductibilite electrique a temperature ambiante du fluorure de lithium dope au MgF sub 2/. 12 p1978 A67-25149
- ADAM, M. G.**
Line contours in sunspot regions. 15 p2554 A67-29460
Sunspot magnetic fields - Determination of the configuration of the lines of force. 21 p3709 A67-38987
- ADAM, N. V.**
Comparison of magnetic-field calculations with measurements obtained by Cosmos 49 /Sopostavlenie raschetnogo geomagnitnogo polia s izmerennym na ISZ "Kosmos-49"/. 10 p1632 A67-22812
Experience in compiling a geomagnetic map using artificial earth satellite data. 12 p1933 A67-25652
Comparison of the computed geomagnetic field with that measured on the Cosmos-49 satellite. 24 p4150 A67-42149
- ADAMCHUK, V. K.**
Energy structure of cadmium selenide and the photoionization quantum yield in the intrinsic-absorption region /Energeticheskaya struktura selenida kadmila i kvantovyi vykhod fotolionizatsii v oblasti sobstvennogo pogloshcheniya/. 14 p2372 A67-28853
- ADAMOVICH, B. A.**
Creation of spacecraft life support systems /Problemy sozdanila sistem zhizneobespecheniya kosmicheskikh korabeli/. 13 p2061 A67-26753
Life in the spacecraft and planetary station. 19 p3179 A67-35209
- ADAMOWICZ, T.**
Small-size He-Ne laser /Laser He-Ne o malych rozmiarach/. 09 p1513 A67-22170
Heads of a high-energy neodymium laser /Glowice lasera neodymowego o duzej energii/. 09 p1514 A67-22171
- ADAMS, A. T.**
The rectangular cavity slot antenna - Theory and design. 02 p0218 A67-12098
Flush mounted rectangular cavity slot antennas - Theory and design. 16 p2638 A67-31334
- ADAMS, C. M.**
Some energy problems in laser welding. 09 p1504 A67-22138
- ADAMS, C. R.**
Zero buoyancy - Simulation of weightlessness to evaluate psychophysiological and anthropomorphic parameters that affect space station design. 15 p2431 A67-29282
Some results of using helium as the space cabin atmosphere diluent. 23 p3969 A67-41646
- ADAMS, D. F.**
Micro-and macromechanics analyses of composite materials. 03 p0455 A67-13441
Longitudinal shear loading of a unidirectional composite. 08 p1420 A67-20908
Combined bending and axial loading of a layered cylinder exhibiting multilinear material behavior. 10 p1724 A67-23706
Transverse normal loading of a unidirectional composite. 14 p2398 A67-28098
- ADAMS, D. M.**
Performance analysis of hypersonic air-augmented supersonic combustion propulsion vehicles. [AIAA PAPER 67-226] 06 p1097 A67-18517
Application of the hydraulic analogy to axisymmetric nonideal compressible gas systems. 08 p1324 A67-21519
Igniter performance in solid-propellant rocket motors. [AIAA PAPER 66-680] 19 p3310 A67-34811
A simplified technique for evaluating vibrational and/or chemical relaxation behind shock waves. 19 p3169 A67-34813
- ADAMS, E.**
Aerodynamic thermal protection for high-speed aircraft /Der aerodynamische Waermeschutz beim Hochgeschwindigkeitsflug/. [DVL-603] 03 p0532 A67-13026
Aerodynamic thermal insulation of a vehicle with special attention to ablation techniques /Der aerodynamische Aermeschutz von Flugkoerpern unter besonderer Beruecksichtigung der Ablationstechniko. 04 p0726 A67-15536
The surface temperature in the case of one-dimensional intermittent heat conduction with radiation boundary conditions /Die Oberflaechentemperatur im Fall der eindimensionalen Instationaeren Waermeleitung mit der Strahlungsrandbedingung/. 13 p2222 A67-26610
Some problems associated with aerodynamic drag and aerodynamic heating in high-speed flight in atmospheres /Einige Fragen des aerodynamischen Widerstandes und der aerodynamischen Erhitzung beim Hochgeschwindigkeitsflug in Atmosphaeren/. 15 p2417 A67-30046
Narrow limits of the exact solution of the Prandtl boundary-layer problem /Strenge Schranken exakter Loesungen Prandtlischer Grenzschichtprobleme/. 21 p3563 A67-37888
- ADAMS, E. W.**
Vapor pressure of natural tektite melts at high temperatures and its application to aerodynamic analysis. 18 p3134 A67-34495
- ADAMS, G. F.**
Recording parameters of spatially modulated coherent wavefronts. 13 p2129 A67-27351
- ADAMS, G. K.**
The chemistry of solid propellant combustion - Nitrate ester or double base systems. 08 p1374 A67-20877
- ADAMS, G. W.**
Polar observations of solar cosmic ray events during the IQSY. 10 p1701 A67-23193
Riometer observations in the polar caps of solar cosmic ray events during the IQSY. 12 p1993 A67-25228
Theoretical studies of solar cosmic ray-ionosphere interactions. 13 p2194 A67-27254
A two-ion D-region model for polar cap absorption events. 20 p3426 A67-36302
- ADAMS, J. A.**
On some fundamental problems in ultrasonic welding of dissimilar metals. 12 p1950 A67-25737
Similarity analysis for multicompartment, free convection. 15 p2582 A67-30217
- ADAMS, J. B.**
1965 Guthrie lecture - A review of nuclear fusion research. 01 p0124 A67-10778
A proposed multispectral photography experiment for AES lunar orbital mission. [AFCRL-66-796] 08 p1331 A67-21081
- ADAMS, J. D.**
Detailed study of contaminant production in a space cabin simulator at 760 mm of mercury. 15 p2430 A67-29278
Contaminant concentrations in a space cabin simulator at 258 mm Hg. 23 p3964 A67-41559
- ADAMS, J. D., JR.**
Gravitational perturbations of highly elliptic geocentric orbits. [AIAA PAPER 67-616] 19 p3226 A67-36005
- ADAMS, J. G.**
Getting ready for the 747. 20 p3418 A67-37442
- ADAMS, J. J.**
Station keeping studies. [AIAA PAPER 67-617] 19 p3337 A67-36006
- ADAMS, J. V.**
A new method for the determination of gain in parametric amplifiers. 08 p1299 A67-20334
- ADAMS, M. C.**
Structures, materials, reentry. 13 p2213 A67-27503
- ADAMS, P. A.**
Development of free-flight technique for NAE helium hypersonic wind tunnel. 10 p1622 A67-23390

- ADAMS, R. A.
The charge spectrum of very heavy cosmic ray nuclei. 23 p4050 A67-40676
- ADAMS, R. H.
Wind-tunnel simulation of rocket vehicles in flight with two-phase-flow rocket plumes. [AIAA PAPER 66-767] 11 p1773 A67-24351
- ADAMS, R. M.
Electrode techniques for recording heart rate continuously over long periods of time. 23 p3965 A67-41571
- ADAMS, R. N.
Wave propagation and turbulent media. 08 p1295 A67-20984
- ADAMS, R. T.
Predetection telemetry tape combiner. 17 p2813 A67-32496
- ADAMS, S. J.
The deflagration of hydrazine dperchlorate. 14 p2376 A67-28551
- ADAMS, T.
Phase shifts of the human circadian system and performance deficit during the periods of transition. II - West-East flight. 01 p0016 A67-10955
Phase shifts of the human circadian system and performance deficit during the periods of transition. III. 05 p0756 A67-16289
- ADAMS, W. S.
Solving partial differential equations with an analog memory. 19 p3186 A67-34966
MOSFET devices in analog computers. 22 p3775 A67-40465
- ADAMSKI, D. F.
General-utility spacecraft and multiple-orbit/ payload launch applications in space research and development. [AIAA PAPER 67-637] 20 p3534 A67-37617
- ADAMSON, T. C., JR.
Effect of transport properties on supersonic expansion around a corner. 16 p2860 A67-31218
- ADARKAR, D. B.
An integral approach to transient charring ablator problems. 04 p0723 A67-14847
Conduction with a time-varying radiation boundary condition. 11 p1883 A67-24575
- ADCOCK, B. D.
On the stability of an argon plasmajet. 04 p0664 A67-14848
- ADDA, Y.
Contribution to the study of the activation of prismatic slip in beryllium /Contribution a l'etude de l'activation du glissement prismatique du beryllium/. 13 p2138 A67-27115
- ADDISS, R. R.
GaAs thin-film solar cells. 10 p1596 A67-23165
- ADDY, A. L.
Installed performance of air-augmented nozzles based on analytical determination of internal ejector characteristics. [AIAA PAPER 65-596] 03 p0350 A67-12903
- ADEEB, A. J.
Failures in navy jet replacement pilot training. 23 p3966 A67-41579
- ADELBURG, M.
Effective thermal conductivity and multilayered insulation. 13 p2228 A67-27656
Thermal problems peculiar to cryogens in space. 17 p2968 A67-32010
Breakup rate and penetration of a liquid jet in a gas stream. 17 p2839 A67-33009
Three advanced micro-orifice injector rocket motors. [AIAA PAPER 67-462] 18 p3113 A67-33933
Break-up rate and penetration of a liquid jet in a gas stream. [AIAA PAPER 67-495] 18 p3026 A67-33959
Nucleate pool boiling at high G levels. [AICHE PAPER 4] 20 p3552 A67-36826
- ADELMAN, A.
Data management systems for manned space laboratories. 16 p2633 A67-30669
Advanced meteorological satellite. 24 p4240 A67-42392
- ADELMAN, A. H.
Laser-induced breakdown of organic vapors. 02 p0252 A67-12451
- ADELMAN, F. L.
Satellite-launched artificial meteors. 16 p2758 A67-30645
- ADELSBERG, L. M.
The reactions of liquid titanium and hafnium with carbon. 16 p2680 A67-31373
- ADEY, W. R.
Computer analysis of EEG data from Gemini flight GT-7. 13 p2062 A67-26919
Electroencephalographic baselines in astronaut candidates estimated by computation and pattern recognition techniques. 13 p2062 A67-26921
Analysis of brain wave records from Gemini flight GT-7 by computations to be used in a thirty day primate flight. 15 p2425 A67-29104
- ADGIE, R. L.
Radio diameter measurements with interferometer baselines of one million and two million wavelengths. 09 p1565 A67-21980
Measurements of oh emission sources with an interferometer of high resolution. 10 p1709 A67-23491
- ADIROVICH, E. I.
Negative differential resistances and inductive effects in silicon carbide /Otritsatel'nye differentsial'nye soprotivleniya i induktivnye efekty v karbide kremniya/. 04 p0879 A67-15136
Nature of anomalously high photovoltage effect in semiconducting films. 04 p0685 A67-15758
APS effect in monochromatic light /AFN-effekt v monokhromaticheskom svete/. 17 p2921 A67-32970
- ADIVARAHAN, P.
Mass transfer studies with axisymmetrically rotating bodies. 12 p2033 A67-25277
- ADKINS, D. L.
Scaling of transient temperature distributions of simple bodies in a space chamber. [AIAA PAPER 65-660] 03 p0534 A67-13065
- ADKINS, L. A., JR.
C-141 reliability flight test program. 07 p1129 A67-19616
- ADKINS, R. L.
Effect of tuned dampers on vibrations of simple structures. 06 p1110 A67-18859
- ADLAM, J. H.
Ion heating in a turbulent plasma. 20 p3497 A67-36531
- ADLER, B. K.
Optimization of base thermal protection system for advanced Saturn II boosters employing strap-on solid propellant motors. 10 p1735 A67-23729
Inverse solution of blunt-body flowfields at large angle of attack. [AIAA PAPER 66-413] 14 p2240 A67-28110
Optimization of base thermal protection system for advanced Saturn II boosters employing strap-on solid-propellant motors. 24 p4256 A67-42915
- ADLER, D.
Theory of semiconductor-to-metal transitions. 13 p2180 A67-27163
Semiconductor-to-metal transitions in transition-metal compounds. 13 p2181 A67-27165
- ADLER, E. G.
YAK-40. 14 p2245 A67-27893
- ADLER, F. P.
Synchronous communication satellites. 16 p2759 A67-30690
- ADLER, F. T.
Stability of coupled-core nuclear reactors - Selected exact results. [ASME PAPER 66-WA/AUT-16] 17 p2882 A67-32015
- ADLER, J.
The dependence of flame ignition on transport properties and chemical kinetic parameters. 02 p0342 A67-12030
Flame ignition from a spherical hot gas pocket. 06 p1114 A67-18189
- ADLER, J. E. M.
Density of the lunar soil. 12 p2000 A67-25207
Limits of lunar soil density. 23 p4066 A67-41008
- ADLER, J. G.
Electron and phonon effects in superconducting FCC lead-based alloys. 13 p2175 A67-26426
- ADLER, P. I.
Formation of stacking faults in polycrystalline brass during tensile deformation. 21 p3645 A67-38090
- ADLER, P. N.
The thallium-indium system at elevated pressures and temperatures. 04 p0635 A67-14511
- ADLER, R. P. I.
X-ray study of wire-drawn niobium and tantalum. 01 p0095 A67-10686
An X-ray diffraction study of polycrystalline brass deformed in tension. 18 p3064 A67-34084
- ADLER, S. B.
Performance of a traveling wave maser for monopulse radars. 08 p1293 A67-20691
A maser that works in radar by avoiding saturation. 15 p2439 A67-30392
- ADOLFSON, J.
Hearing discrimination in hyperbaric air. 09 p1453 A67-21729
- ADOMEIT, G.
Propagation of elastic waves in a Cosserat continuum with free surfaces /Ausbreitung elastischer Wellen in einem Cosserat-Kontinuum mit freien Oberflaechen/. 13 p2217 A67-26630
- ADORNATO, R. J.
Manual lunar orbit rendezvous analysis. 21 p3714 A67-39145
- ADVANI, S. H.
Impact protection by isovolumetric containment of the torso. 08 p1289 A67-20612
Stationary waves in a thin spinning disk. 14 p2403 A67-29016
Pathophysiological responses to -G sub z impact as influenced by energy transfer. 23 p3955 A67-41610
- AEIN, J. M.
Normal approximations to the error rate for hard-limited correlators. 09 p1459 A67-21579
- AFANASEV, E. F.
Some heat equation problems with mixed boundary conditions. 03 p0459 A67-13590
- AFANASEV, I. V.
Evaporation and heating of a substance due to laser radiation. 05 p0819 A67-16652
Gas-dynamic processes in the heating of a substance by laser radiation /Gazodinamicheskie protsessy pri nagrevanii veshchestva izlucheniem lazera/. 05 p0927 A67-17008
Vaporization of a substance under the action of laser radiation /Isparenie veshchestva pod deistviem izlucheniia lazera/. 14 p2334 A67-29074
Gasdynamic processes in heating of a substance by laser radiation. 18 p3160 A67-34270
- AFANASEV, M. I.
Investigation of the nonequilibrium conductivity of a plasma in an MHD generator /Issledovanie neravnovesnoi provodimosti plazmy v magnitogazodinamicheskom generatore/. 16 p2601 A67-30552
- AFANASEV, N. G.
Generator of triple electric and light pulses of nanosecond duration /Generator troinykh elektricheskikh i svetovykh impul'sov nanosekundnoi dlitel'nosti/. 03 p0388 A67-14270
- AFANASEVA, E. A.
Operation of diamond counters for nuclear particles at increased temperatures /O rabote almaznykh schetchikov ladernykh chastits pri povyshennykh temperaturakh/. 01 p0068 A67-10927
- AFANASEVA, V. A.
Irregular variations of the speed of rotation of the earth and solar activity. 12 p1933 A67-25553
- AFANASEVA, V. I.
Second possible cause of irregular fluctuations in the velocity of the earth's diurnal rotation /Vtoraya vozmozhnaya prichina irregularnykh kolebani skorosti sutochnogo vrashcheniia zemli/. 02 p0237 A67-11678
Irregular variations of the earth's velocity of rotation and the effect of solar corpuscular streams on the loop of the earth's magnetosphere /Neregularnye izmeneniia skorosti vrashcheniia zemli i vozdeistvie solnechnykh korpuskularnykh potokov na shleif zemnoi magnitosfery/. 05 p0801 A67-17135
Second possible cause of irregular oscillations in the velocity of the diurnal rotation of the earth. 16 p2665 A67-31093
Irregular variations of the speed of rotation of the earth and the effect of solar corpuscular streams on the tail of the geomagnetosphere. 21 p3619 A67-38478
- AFANASEVA, V. L.
Electron energy distribution in a neon-hydrogen mixture in a hollow-cathode discharge. 21 p3638 A67-37940
- AFFATATI, D. A.
Rise and set of a satellite about a distant primary. 24 p4238 A67-42925
- AFFINITO, F. J.
Use of the phase plane display for

- incipient failure detection in servo system testing. 20 p3415 A67-36609
- AFINOGENOV, V. M.**
Singularities of the Faraday effect in InSb in the millimeter band. 06 p1047 A67-17755
- AFONIN, P. M.**
Pilotless aircraft and missiles /Bespilotnye letatel'nye apparaty/. 15 p2564 A67-29242
- AFONINA, R. G.**
Magnetic activity at high latitudes in the Northern Hemisphere during the IGY /Magnitnaya aktivnost' v vysokikh shirotakh severnogo polushar'ia v period MGG/. 14 p2309 A67-27943
- AFONKIN, I. V.**
Gyrotachometer errors based on inexact mounting on the object /Ob oshibkakh gyrotakhoakselerometra, obuslovlennykh netochnoi ustanovkoi na ob'ekte/. 20 p3451 A67-37155
- AFRAIMOVICH, E. L.**
Automatic multichannel system for recording and processing experimental information on a digital computer for the study of the inhomogeneous structure of the ionosphere. 13 p2119 A67-26561
Setup for multifrequency ionospheric probing /Ustanovka dlia mnogochastotnogo zondirovaniia ionosfery/. 14 p2315 A67-27949
- AFREMOV, V. G.**
Accuracy of distortion measurements with a goniometer /Tochnost' opredeleniia distorsii na goniometre/. 11 p1793 A67-24864
- AFRICANO, R. C.**
An alternative to Monte Carlo. [AIAA PAPER 67-210] 06 p1024 A67-18326
- AFROSIMOV, V. V.**
Corpuscular diagnostics of hot plasma. 19 p3296 A67-35586
Capture, ionization, and ionization capture in collisions of protons with argon atoms. 23 p4030 A67-41687
- AGABABIAN, E. V.**
Operation of diamond counters for nuclear particles at increased temperatures /O rabote almaznykh schetchikov ladernykh chastits pri povyshennykh temperaturakh/. 01 p0068 A67-10927
- AGAEV, A. I.**
Setup for measuring the absorption coefficient and propagation rate of ultrasound in solids at frequencies from 4 to 100 MHz /Ustanovka dlia izmereniia koefitsienta pogloshcheniia i skorosti rasprostraneniia ultrazvuka v tverdykh telakh v diapazone chastot 4-100 Mgts/. 02 p0241 A67-11851
- AGAEV, IA.**
Negative longitudinal magnetoresistance in $n\text{-InAs}$ /Ob otritsatel'nom prodol'nom magnitosoprotivlenii v $n\text{-InAs}$ /. 03 p0490 A67-13156
Negative longitudinal magnetoresistance of $n\text{-type InAs}$. 10 p1690 A67-23104
Electrical properties of alloyed $p\text{-n}$ junctions in InAs /Elektricheskie svoystva splavnykh p i n -perekhodov v InAs /. 12 p1988 A67-26099
Electrical properties of tin-doped InSb /Elektricheskie svoystva InSb , legirovannogo olovom/. 15 p2534 A67-29385
Nernst-Ettingshausen transverse effect in the intrinsic-conductivity region of indium antimonide /Poperechnyi effekt Nernsta-Ettingsgauzena v antimonide indii v oblasti sobstvennoi provodimosti/. 19 p3300 A67-34763
- AGAEV, K. A.**
Electron-diffraction structural studies of Pb sub 2 Bi sub 2 Se sub 5 /Elektronograficheskoe issledovanie struktury Pb sub 2 Bi sub 2 Se sub 5/. 01 p0136 A67-11009
- AGALOVIAN, L. A.**
Boundary bending conditions for anisotropic plates /O granichnykh usloviakh dlia izgiba anizotropnykh plastin/. 03 p0531 A67-14200
Theory of bending for orthotropic plates /K teorii izgiba ortotropnykh plastin/. 06 p1106 A67-18630
Application of the method of asymptotic integration to the construction of an approximate theory of anisotropic shells. 11 p1871 A67-24160
- GAPOV, V. S.**
Experimental determination of the coordinates of distant satellites with the aid of a TV system /Opyt opredeleniia koordinat dalekikh sputnikov s pomoshch'iu
- televizionnoi sistemy/. 16 p2621 A67-30683
- AGAR, W. O.**
A precision C.W. radar ranging technique. 06 p0957 A67-17593
- AGARBICEANU, I.**
Photovoltaic effect in thin telluride layers /Sur l'effet photovoltaïque des couches minces de tellure/. 02 p0284 A67-11758
- AGARWAL, R. S.**
Hydro-magnetic heat transfer from a rotating disc. 18 p3084 A67-33667
- AGARWALA, B. K.**
On the stress distribution round a circular hole in an infinite elastic plate. 08 p1422 A67-21167
- AGATSUMA, T.**
A characterization technique for second breakdown in Ge alloyed junction transistors. 02 p0223 A67-12655
Turnover phenomenon in $n\text{-n-n}$ Si devices and second breakdown in transistors. 07 p1156 A67-19898
- AGEEV, IU. M.**
Static characteristics of a magnetic semiconductor pulse-width modulator /Staticheskie kharakteristiki magnitno-poluprovodnikovogo shirotno-impul'snogo moduliatora/. 17 p2823 A67-32224
- AGEEV, N. V.**
Effect of the structure of beta-titanium alloy on its crack propagation resistance /Vliianie struktury na soprotivlenie rasprostraneniui treshchin beta-titanovogo splava/. 04 p0641 A67-15985
Study of alloys of the system Ti-Mo-Cr-Fe-Al /Issledovanie splavov sistemy Ti-Mo-Cr-Fe-Al /. 07 p1205 A67-19272
Thermal etching of the beta alloy of the Ti-Mo-Fe-Al system /Termicheskoe travlenie beta-splava sistemy Ti-Mo-Fe-Al /. 09 p1518 A67-21967
Effect of structure on the resistance of a beta-titanium alloy to crack propagation. 14 p2338 A67-28488
High-temperature thermomechanical treatment of the beta-alloy of the Ti-Mo-Cr-Fe-Al system. 15 p2504 A67-29971
- AGEIKIN, V. S.**
Mass-spectrometric study of oxygen absorption by a tungsten layer /Masspektrometrichne doslidzhennia sorbttsii kisliu poverkhnei vol'framu/. 24 p4172 A67-42073
- AGEIKAN, T. A.**
Determination of the change of galactic rotation in the Z -direction from the line profiles of neutral hydrogen. 17 p2950 A67-33163
- AGESHIN, P. N.**
Secular variations in the intensity of cosmic rays in the stratosphere during the years 1962 to 1964. 02 p0311 A67-12595
Radiosonde for measuring cosmic rays in the stratosphere. 12 p1941 A67-25555
- AGGARWAL, A. K.**
Optical measurement of the atmospheric refractive index gradient. 24 p4188 A67-42093
- AGGARWAL, H. R.**
A theory of torsional and coupled bending torsional waves in thin-walled open section beams. 17 p2959 A67-32413
- AGGARWAL, J. K.**
Optimal cooperative rendezvous of linear single input systems. 15 p2458 A67-29909
On the stability constraints and oscillatory behavior of coupled systems. 19 p3200 A67-34849
On parameter invariance in linear control systems. 23 p3984 A67-41159
- AGGARWAL, R. L.**
Far infrared resonant absorption in $n\text{-type silicon}$. 06 p1068 A67-18974
- AGLAMAZOV, V. A.**
Method of determining the total number of particles and the coordinates of the axis-passage point for an extensive atmospheric shower of cosmic radiation /Ob odnom metode opredeleniia polnogo chisla chastits i koordinat tochki prokhozheniia osi shirokogo atmosfernogo livnia kosmicheskogo izlucheniia/. 03 p0507 A67-14059
Investigation of the penetrating component of cosmic rays at a depth of 130 mwe /Issledovanie pronikalushchego komponenty kosmicheskikh luchei na glubine 130 m v. e./. 24 p4222 A67-42878
- AGNELLO, V.**
Resonance effects in a low pressure weakly ionized plasma. 19 p3276 A67-35113
- AGNEW, L.**
Identification of the ionic species in a cesium plasma diode. 09 p1448 A67-22337
- AGOSTA, V. D.**
A fundamental model of hypergolic ignition in space-ambient engines. [AIAA PAPER 66-950] 02 p0302 A67-12284
Supersonic gas-particle flow with chemical reactions. 15 p2469 A67-29225
Development of a fundamental model of hypergolic ignition in space-ambient engines. 19 p3311 A67-35744
- AGOSTINELLI, C.**
Magnetofluidynamics /Magnetofluidodinamica/. 08 p1366 A67-21499
Green's integral formulas in magnetohydrodynamics. 11 p1840 A67-24620
- AGOSTO, W.**
Degradation phenomena of operating life in gallium arsenide electroluminescent diodes. 10 p1615 A67-23528
- AGOSTONI, E.**
Forces deforming the rib cage. 07 p1133 A67-19480
- AGRANOVSKII, K. IU.**
Optimal-regime conditions of a generating device with self-parametric frequency multiplication in the ultrasonic range /Ob usloviakh optimal'nogo rezhima generatornogo ustroistva s avtoparametricheskimi umnozheniem chastoty v ultrazvukovom diapazone/. 06 p0970 A67-18171
- AGRAWAL, H. C.**
Pressure distribution in externally pressurized bearings. 06 p1007 A67-18060
- AGRAWALA, A. K.**
On the self-learning scheme of Nagy and Shelton. 24 p4137 A67-42821
- AGRE, A. L.**
Transformation of human waste products and the biocomplex to maintain a life cycle in small closed spaces /O transformatsii produktov zhiznedatel'nosti cheloveka i biokompleksa pri osushchestvlenii krugovorota veshchestv v malykh zamknytykh prostranstvakh/. 02 p0187 A67-12326
- AGRESS, C. M.**
The vibrocardiogram as a cardiovascular monitor. 23 p3959 A67-41660
- AGREST, M. M.**
Calculation of averaged cross sections for electron-induced resonance charge exchange and ionization of an accelerated beam of atoms /Raschet usrednennykh sechenii rezonansnoi perezariadki i ionizatsii elektronami uskorenno atomarnogo puchka/. 02 p0278 A67-12629
Calculation of average cross sections for ionization and resonant charge transfer for the electrons in an accelerated atomic beam. 13 p2171 A67-27387
- AGRICOLA, K. R.**
Stress corrosion of explosively deformed high strength alloys. [ASTME PAPER WES-7-63] 10 p1667 A67-23009
Springback control - Key to accuracy in explosive forming. 10 p1660 A67-23170
- AGUER, J.**
An airline's views on SST engine development. 01 p0141 A67-11200
- AGUESSE, M. O.**
Analytical study of spinning /Etude analytique de la vrille/. [ONERA-TP-388] 05 p0751 A67-18477
- AGUIAR, A. M.**
The stereospecific addition of organophosphides to terminal alkynes. 04 p0565 A67-14522
Reaction of diphenylacetylene with organophosphides - A stereospecific synthesis of vinyl phosphines. 04 p0565 A67-14523
- AGULOV, I. I.**
Deformation of polymers under friction loads /Deformatsiia polimerov pri friktsionnom nagruzenii/. 20 p3473 A67-36842
- AGUSTA, B.**
Trapezoidal I-V characteristics in GaAs tunnel diodes. 01 p0033 A67-10027
- AHARA, C.**
The scheduling problem in satellite communications systems. 17 p2810 A67-32111
- AHEARN, R. L.**
Consideration of fracture toughness in pressure-vessel design. [ASME PAPER 67-MET-18] 12 p2031 A67-25954
Evaluation of shear spun 300-grade maraging steel for pressure vessel

- application.
[ASM PAPER C6-2.4] 23 p4020 A67-41412
- AHEARN, W. E.
Linewidth measurements of CW gallium
arsenide lasers at 77 deg
K. 05 p0821 A67-16670
- AHLBORN, B.
Approximate calculation of the speed of
sound in a plasma. 02 p0276 A67-12567
Calculation of shock front parameters in a
plasma. 12 p1969 A67-25195
- AHLGREN, G. W.
Critical surfaces for commercial Nb sub 3
Sn ribbon and Nb 25 a/o Zr
wire. 20 p3512 A67-37346
- AHLUWALIA, D. S.
Plastic flow and fracture of thin flat plate
under uniform stress. 22 p3915 A67-40220
- AHLUWALIA, H. S.
Characteristic effects of the deformed
magnetic field of the earth on medium
energy cosmic rays. 12 p1998 A67-25819
- AHLVIN, R. G.
Flotation requirements for
aircraft. 17 p2832 A67-31986
- AHMAD, I.
Reinforcement of nickel with some high-
strength filaments. 08 p1342 A67-20909
- AHMAD, M. S.
Rocket measurements of the upper
atmosphere winds at Sonmiani,
Pakistan. 10 p1638 A67-23198
- AHMED, N.
Axisymmetric plane-strain vibrations of a
thick-layered orthotropic cylindrical
shell. 08 p1415 A67-20487
- AHMED, S. A.
Discharge dynamics in the large diameter
magnetically confined ion gas
laser. 01 p0086 A67-10012
Effect of magnetic field on pulse and CW
operation of the large bore ionized gas
laser. 15 p2496 A67-29173
- AHN, B. H.
Onset of long-range order in a critical
solution of
macromolecules. 06 p1035 A67-17829
- AHREND, M.
Equipment for ballistic
geodesy. 07 p1188 A67-19773
- AHRENS, L. H.
Notes on the fractionation of some of the
abundant lithophilic elements in chondrites
with particular reference to Ca and
Al. 14 p2391 A67-28951
- AHRONS, R. W.
Instrumentation for advanced
microelectronic
measurements. 19 p3193 A67-35028
- AI, D. K.
On the hypersonic laminar near wake
critical point of the Crocco-Lees mixing
theory.
[AIAA PAPER 67-60] 06 p0986 A67-18269
- AICHROTH, J. W.
Fabrication and performance of a hybrid
microelectronic multilayer UHF
amplifier. 21 p3596 A67-38342
- AIDLA, A.
Thermally and optically stimulated
phenomena in single crystals of cadmium
sulfide /Termicheski i opticheski
stimulirovannyye yavleniya v monokristallakh
sul'fida kadmia/. 01 p0134 A67-10820
- AIDOSOV, A.
Approximate solution of integral equations
of steady motions of a viscous
incompressible fluid in a rotating cylinder
/Priblizhennoe reshenie integral'nykh
uravnenii ustanovivshisya dvizhenii vliazko
neszhimaemol' zhidkosti vnutri
vrashchelushegosia
tsilindra/. 07 p1168 A67-19217
- AIHARA, M.
A simple method for the construction of
Fabry-Perot etalons. 14 p2315 A67-27830
- AIHARA, S.
Quiescent DC discharge in cusp fields of
TP-D machine. 19 p3274 A67-35104
- AIHARA, Y.
Surface distortion of the molten layer in
the axisymmetric stagnation
region. 01 p0102 A67-11190
Measurements of stagnation-point heat-
transfer with radiative
heating. 05 p0747 A67-16432
Heat transfer from circular cylinders at
low Reynolds numbers. 16 p2779 A67-31217
- AIKEN, R. T.
Error probability for binary signaling
through a multipath
channel. 24 p4121 A67-42341
- AILSIEGER, R. E.
The influence of an intermittent visual
stimulus on perceptual motor skills in
aviation. 14 p2258 A67-28668
- AINBINDER, N. E.
Microwave spectroscopy of organic
semiconductors /Radiospektroskopiya
organicheskikh
poluprovodnikov/. 14 p2366 A67-28505
- AINOLA, L.
Asymptotic theory of the dynamics of
elastic plates in the presence of large
displacements /Asimptoticheskaya teoriya
dinamiki uprugikh plastinok pri bol'shikh
peremeshcheniyakh/. 01 p0162 A67-10822
- AINOLA, L. IA.
Integral variational principle of mechanics
/Integral'nyi variatsionnyi printsip
mekhaniki/. 02 p0267 A67-11965
A variational principle for dissipative
systems /Variatsionnyi printsip dlya
dissipativnykh sistem/. 03 p0530 A67-14175
Reciprocal theorem for dynamic problems
of the elasticity theory /K teoreme
vzaimnosti dlya dinamicheskikh zadach teorii
uprugosti/. 10 p1721 A67-23686
Variational principle in the dynamics of
the shell theory /Variatsionnye printsipy
dinamiki teorii
obolochek/. 11 p1877 A67-24853
Variational principles and reciprocity
theorems for dynamic problems of shell
theory /Variatsionnye printsipy i teoremy
vzaimnosti dlya dinamicheskikh zadach teorii
obolochek/. 12 p2019 A67-25563
Variational principles for nonstationary
heat-conduction problems /Variatsionnye
printsipy dlya nestatsionarnykh zadach
teplotoprovodnosti/. 14 p2408 A67-28803
Variational principle of the dynamics of
the linear theory of elasticity /Variatsionnyi
printsip dinamiki lineinoi teorii
uprugosti/. 15 p2575 A67-30002
Integral variational
principle of
mechanics. 17 p2887 A67-33282
Variational principle of dynamics in the
linear theory of elasticity. 18 p3141 A67-33769
Variational principles in the dynamics of
the theory of shells. 20 p3542 A67-37541
A reciprocal theorem for dynamic
problems of the theory of
elasticity. 21 p3720 A67-38287
- AIRAPETOVA, E. K.
Augmentation of resources of raw
materials for the production of aviation oil
/Uvelichenie resursov syr'ya dlya polucheniya
aviamasel/. 04 p0627 A67-14742
- AIREY, J. R.
Infrared chemiluminescence in the
systems H plus Br sub 2 and H plus
HBr. 18 p2996 A67-33786
- AISENBERG, S.
Composite metallic and dielectric
insulators for high
current arc
electrodes. 02 p0250 A67-12697
Plasma propagation
theory of arc
retrograde motion. 12 p1974 A67-25400
Ion drag and current partitioning at the
cathode of a plasma
accelerator. 21 p3670 A67-38693
- AITCHISON, C. S.
A simple diode parametric amplifier
design for use at S, C, and X
band. 09 p1474 A67-22085
Low noise parametric
amplifiers. 19 p3194 A67-35548
- AITCHISON, R.
Stability in electronic
equipment. 14 p2285 A67-28438
- AITEL, M. L.
Twenty-four-hour satellite
orbits. 04 p0694 A67-14503
- AITKEN, K. L.
The accumulation of energetic ions in a
mirror machine by resonant non-adiabatic
trapping. 12 p1969 A67-25248
- AIUKHANOV, A. KH.
Negative-ion sputtering of solid surfaces
under ion bombardment /Otritsatel'no-ionnoe
raspylenie tverdykh poverkhnostei pri
bombardirovke ikh
ionami/. 06 p1036 A67-18425
- AIVAZIAN, IU. M.
Pulsating collapse from the point of view
of an external observer /Pul'sirulushchii
kollaps s tochkoi zreniya vneshnego
nabludatelya/. 05 p0896 A67-16892
Pulsating collapse from the point of view
of an external observer. 15 p2556 A67-29863
- AIVAZIAN, S. M.
Gravitational field of a five-dimensional
continuum /Gravitatsionnoe pole
platinernogo
kontinuumnogo/. 01 p0060 A67-10366
- AIVAZOVA, L. S.
Four-cell position-sensitive photodiodes
/Chetyrekhelementnye pozitsionno-
chuvstvitel'nye fotodiody/. 18 p3009 A67-33470
- AIZENBERG, A. L.
Effect of angular section errors on the
directive gain of a parabolic antenna with
automatic phasing /Vliyanie uglovyykh oshibok
sektstil na koeffitsient napravlenno
delstva parabolicheskoi anteny s
avtomaticheskimi
fazirovaniem/. 02 p0215 A67-11975
Two-mirror antenna with automatic
phasing and an experimental study of the
antenna /Dvukhzerkal'naya antena s
avtomaticheskimi fazirovaniem i ee
eksperimental'noe
issledovanie/. 13 p2080 A67-27024
Effect of random errors on the gain of an
automatically-phased
antenna. 22 p3770 A67-39657
- AIZU, K.
Extragalactic X-rays and evolution of
galaxies. 12 p2007 A67-25787
- AKAIKE, H.
Some problems in the application of the
cross-spectral method. 20 p3407 A67-36785
- AKAMATSU, T.
On the incompressible laminar boundary
layer for impulsive motion of a semi-infinite
flat plate. 22 p3786 A67-40039
- AKAO, Y.
Determination of radial variation of plasma
electron density by plasma
resonator. 14 p2355 A67-27829
- AKASOFU, S.-I.
The computation of the magnetic field of
any axisymmetric current distribution. With
magnetospheric
applications. 04 p0617 A67-15535
Electrodynamics of the magnetosphere -
Geomagnetic storms. 04 p0618 A67-15668
The development of geomagnetic and
auroral storms. 07 p1183 A67-20016
The structure of the solar plasma flow
generated by solar flares. 08 p1377 A67-21360
The normality of the SD variation at
Huanacayo and the asymmetry of the main
phase of geomagnetic
storms. 08 p1327 A67-21373
The abnormally early appearance of active
auroras. 14 p2313 A67-28575
A systematic shift of the DS
axis. 16 p2666 A67-31412
On the three dimensional structure of the
solar plasma flow generated by solar
flares. 16 p2739 A67-31415
The auroral oval and the internal
structure of the
magnetosphere. 18 p3035 A67-33597
The significance of the multiple structure
of the auroral arc. 18 p3035 A67-33598
Intense negative bays inside the auroral
zone. I. 20 p3426 A67-36285
Auroral activity in
the evening
sector. 20 p3426 A67-36291
The abnormally early appearance of the
eastward motion of auroras in the
evening. 20 p3426 A67-36294
Auroras. 20 p3430 A67-36906
Polar magnetic substorm in the evening
sector. 21 p3616 A67-37998
Intense negative bays inside the auroral
zone. II. 22 p3789 A67-39477
The geomagnetic storm of April 17-18,
1965. 23 p3995 A67-40814
- AKATNOV, N. I.
Expansion of an ionized gas jet along a
wall in the presence of a transverse
magnetic field /Rasprostraneniye strui
ionizirovannogo gaza vdol' stenki pri nalichii
poperechnogo magnitnogo
polia/. 13 p2188 A67-27304
- AKATSUKA, T.
Star system. III. 13 p2068 A67-26719
- AKAZAKI, M.
A preliminary experiment on the
induction-coupled argon plasma at
atmospheric pressure. 06 p1039 A67-18067
- AKCHURIN, E. A.
Superregenerative amplification and
detection using tunnel diodes
/Sverkhregenerativnoe usilenie i
detektirovaniye s primeneniem tunnel'nykh
diodov/. 05 p0772 A67-16450

- Tunnel-diode autodyne frequency converter /Avtodinnyi preobrazovatel' chastoty na tunnel'nom diode/. 09 p1472 A67-21957
- Tunnel-diode autodyne frequency converter. 20 p3400 A67-37187
- Graphical method of plotting the frequency characteristics of oscillating circuits containing nonlinear active elements /Graficheskii metod postroeniia chastotnykh kharakteristik kolebatel'nykh konturov, soderzhashchikh nelineinye aktivnye elementy/. 24 p4136 A67-42191
- AKER, S. C.
Medium temperature-curing general purpose structural adhesive systems. 09 p1523 A67-22515
- AKERET, R.
Determination of the mean tensile strength k sub f of aluminum alloys by torsion tests and comparison of the results with those of extrusion tests /Ermittlung der Formänderungsfestigkeit k sub f von Aluminium-Legierungen mit Hilfe von Torsionsversuchen und Vergleich der Ergebnisse mit denjenigen von Strangpressversuchen/. 04 p0636 A67-14907
- AKERMAN, K.
Investigations by the tagged-atom method of the process of technological purification of germanium tetrachloride to the semiconductor-level of purity /Badania metoda atomow znaczonych procesu technologicznego oczyszczania czterochloru germanu do polprzewodnikowego stopnia czystosci/. 18 p3104 A67-34600
- AKERS, W. W.
Total hemispherical thermal emittance of nickel as a function of oxide thickness in the temperature range 400 deg-900 deg C. [AIAA PAPER 65-673] 03 p0440 A67-13041
- AKESSON, B. A.
Nonlinear structures, the Maxwell-Mohr work theorem, and the displacement method. 22 p3911 A67-39559
- AKFIRAT, J. C.
Transfer of heat from an isothermal flat plate to a two-dimensional wall jet. 04 p0732 A67-15835
- AKHABABIAN, N.
Temperature effect of the cosmic-ray neutron component /Temperaturnyi effekt neutronnoi komponenty kosmicheskogo izlucheniia/. 17 p2936 A67-32381
- AKHIEZER, A. I.
Collective oscillations in a plasma. 20 p3493 A67-36139
- AKHIEZER, I. A.
Nonlinear motions of a plasma with an arbitrary electron velocity distribution /O nelineinykh dvizheniakh plazmy s proizvol'nym raspredeleniem elektronov po skorostiam/. 03 p0486 A67-14198
- Nonlinear motion of a plasma with an arbitrary electron velocity distribution. 14 p2360 A67-28543
- Collective oscillations in a plasma. 20 p3493 A67-36139
- AKHMANOV, S. A.
Statistical effects connected with the generation of optical harmonics. 03 p0467 A67-12928
- Statistical effects in phase measurements with the aid of systems having variable parameters /Statisticheskie efekty pri izmerenii fazy s pomoshch'iu sistem s peremennymi parametrami/. 04 p0620 A67-14748
- Frequency doubling of spectral lines of finite width during wave interactions in a nonlinear medium /Ob udvoenii chastoty spektral'noi linii konechnoi shiriny pri volnovykh vzaimodelstviakh v nelineinoy srede/. 04 p0657 A67-15146
- Parametric amplifiers and generators of light. 05 p0814 A67-16361
- Self-focusing and self-trapping of intense light beams in a nonlinear medium. 06 p1031 A67-17880
- Nonstationary self-focusing of laser pulses in a dissipative medium. 10 p1684 A67-23332
- Doubled frequency of a spectral line of finite width for wave interactions in a nonlinear medium. 15 p2517 A67-29333
- Self-focusing and light diffraction in a nonlinear medium /Samofokussirovka i difraktsiia sveta v nelineinoy srede/. 24 p4187 A67-41770
- AKHMATOV, A. S.
Molecular physics of boundary friction. 03 p0429 A67-13333
- AKHMEDIANOV, I. S.
Integration of nonhomogeneous equations for axisymmetric bending of spherical shells /Integrirovaniye neodnorodnykh uravnenii osesimmetrichnogo izgiba sfericheskoi obolochki/. 04 p0717 A67-15887
- AKHMEDLI, G. T.
Electron thermal conductivity in n-type InSb /Ob elektronnoi teploprovodnosti n-InSb/. 16 p2730 A67-31163
- AKHMEDOV, K. T.
Application of a theorem by Hart to the investigation of nonlinear integral equations /Primeneniye odnoi teoremy Kharta k issledovaniyu nelineinykh integral'nykh uravnenii/. 15 p2511 A67-29888
- AKHMEDOV, S. SH.
Experimental investigation of the surface superconductivity of niobium. 21 p3685 A67-38802
- AKHMETKALIEV, T.
Stability of the stochastic difference systems in the case of continuous perturbations /Ob ustoychivosti raznostnykh stokhasticheskikh sistem pri postolanno delstvuiushchikh vozmushcheniakh/. 03 p0467 A67-13111
- AKHMETZIANOV, K. G.
Study of the temperature dependence of the thermal diffusivity of tantalum and niobium /Issledovanie temperaturnoi zavisimosti temperaturoprovodnosti tantala i niobila/. 11 p1804 A67-24035
- AKHMETZIANOV, M. KH.
Polarization-optical procedure for investigating plasticity and creep problems with elastic models /Metodika polarizatsionno-opticheskogo issledovaniia zadach plastichnosti i polzuchesti na uprugikh modelakh/. 08 p1423 A67-21331
- AKHTIAMOV, O. S.
Localization of spins in a superconductor. 05 p0863 A67-16757
- AKHUND-ZADE, M. IU.
Approximate methods for solving boundary value problems of the theory of arbitrary cylindrical shells /Priblizhennyye metody resheniia kraevykh zadach teorii proizvol'nykh tsilindricheskikh obolochek/. 12 p2021 A67-25576
- Solution of certain problems of the theory of shells of variable curvature /O reshenii nekotorykh zadach teorii obolochek peremennoi krivizny/. 12 p2021 A67-25577
- AKHUNDOV, G. A.
Investigation of electrical conductivity and Hall effect in GaSe single crystals. 03 p0488 A67-12816
- Rectifying and photoconductive properties of p-GaSe single crystals. 04 p0676 A67-14930
- Infrared absorption of A super III B super VI single crystals. 04 p0676 A67-14932
- Optical reflection of GaS, GaSe, and GaTe single crystals /Opticheskoe otrazhenie monokristallov GaS, GaSe i GaTe/. 16 p2730 A67-31159
- AKHUNDOV, M. R.
Rectifying and photoconductive properties of p-GaSe single crystals. 04 p0676 A67-14930
- The investigation of the reactive characteristics of diffused silicon p-n junctions. 16 p2728 A67-30817
- AKILOV, G. P.
Extremal states and extremal controls /Ekstremal'nye sostoiianiia i ekstremal'nye upravleniia/. 14 p2343 A67-28632
- AKIM, E. L.
Determination of the gravitational field of the moon from the motion of the artificial lunar satellite "Luna 10" /Opredeleniye polia tiagotenii luny po dvizheniiu iskusstvennogo sputnika luny "Luna-10"/. 03 p0510 A67-13341
- Determination of the gravitational field of the moon from the motion of the lunar orbiter Luna 10 /Opredeleniye polia tiagotenii luny po dvizheniiu iskusstvennogo sputnika luny "Luna-10"/. 05 p0886 A67-16050
- Determination of the gravitational field of the moon from the motion of the artificial lunar satellite "Luna-10." 13 p2211 A67-27714
- Determination of the gravitational field of the moon from the motion of the artificial moon satellite Luna-10. 21 p3701 A67-37837
- AKIMA, H.
Charge time of a linear detector. 24 p4158 A67-42716
- AKIMOTO, O.
Magneto-optical studies of exciton effects in layer-type semiconductors. 06 p1060 A67-18917
- AKIMOV, A. I.
Effect of a laser light beam on organic glass /Deistvie svetovogo luchazera na organicheskoe steklo/. 06 p1021 A67-18808
- AKIMOV, I. S.
Calculation of the temperature distribution in an eccentric annular layer with heat release. 24 p4254 A67-42286
- AKIMOV, V. N.
Nature of the peripheral nonelastic processes /O kharaktere perifericheskikh neuprugikh protsessov/. 02 p0315 A67-12749
- Concerning the character of peripheral inelastic processes. 22 p3876 A67-40251
- AKIMOVICH, O. M.
Certain properties of Ti-Mg and Ti-Be oxide absorbers of the energy of superhigh frequency oscillations and the effect of electron bombardment on their material /Pro delaki vlastivosti titano-magnitovikh ta titano-berilliovikh oksidnykh poglnachiv energii nadvisokochastotnykh kollivan' ta diia elektronnykh bombarduvanniia na ikh rechovinu/. 24 p4202 A67-42069
- AKIMUNE, H.
Coherent domains in some parameter spaces inherent in a beam-plasma regime. 17 p2902 A67-32674
- AKIN, L. S.
Method of selecting an optimum lubricant testing system. 01 p0077 A67-10121
- Effects of bulk modulus and density on aircraft and missile hydraulic servo systems. [ASME PAPER 67-FE-19] 14 p2252 A67-28366
- AKINS, R. J.
Metal-matrix composite materials for aircraft compressor blades. 03 p0443 A67-13418
- AKINSETE, V. A.
Effects of orifices on detonation. 06 p1119 A67-18596
- AKIYAMA, K.
Effects of aluminum electrode and hydrogen gas during heat treatments on MOS structure. 01 p0137 A67-11069
- Investigation of Si-Ta sub 2 O sub 5 system prepared by reactive sputtering. 01 p0137 A67-11071
- AKIYAMA, M.
Orthogonal PCM transmission with weighted bit length. 18 p3000 A67-34023
- AKLONIS, J. J.
A molecular theory for viscoelastic behavior of amorphous polymers. 08 p1346 A67-20878
- AKOPIAN, G. S.
On the ionizing accompaniment of approximately 170 Bev nucleons at 2000 meters altitude. 02 p0312 A67-12609
- AKRAMOV, KH. T.
Solar thermoelectric generator with cylindrical solar-energy receiver /Solnechnyi termogenerator s tsilindricheskimi gellopriemnikami/. 18 p2990 A67-34491
- AKRE, P. R.
Multifocal premature contractions - An ECG finding of grave significance. 09 p1453 A67-21735
- AKRIDGE, C. M.
Design considerations for orbital transport systems. 15 p2567 A67-29835
- AKSELRAD, E. L.
Various definitions of the parameters of shell-curvature variation and equations of strain compatibility /O razlichnykh opredeleniakh parametrov izmeneniia krivizny obolochki i ob uravneniakh sovmestnosti deformatsii/. 21 p3718 A67-37981
- Constrained torsion of thin-walled rods /O stesennom kruchenii tonkostennykh stержnei/. 24 p4250 A67-42307
- AKSELROD, M. M.
Spin-magnetophononic and magnetophononic oscillations of magnetic resistance in n-InAs /Spinmagnetofononnyye i magnetofononnyye osttsillatsii magnetosoprotivleniia v n-InAs/. 01 p0133 A67-10547
- Spin magnetophonon and magnetophonon oscillations of magnetoresistance in n-InAs. 01 p0137 A67-11055
- AKSENOV, A. N.
The atmospheric activity of Jupiter in 1964-1965 according to data of photometric observations /Atmosferaia aktivnost' Iupitera v 1964-1965 gg. po dannym fotometricheskikh nabludenii/. 22 p3879 A67-39299
- AKSENOV, K. F.
Experimental investigation of convective heat transfer and fluid friction in the

- motion of a viscous fluid with large Reynolds numbers. 04 p0603 A67-14717
- AKSENOV, V. I.**
The passage of electromagnetic waves of super-low frequency through ionospheric plasma. 05 p0765 A67-16955
- AKSENOV, V. V.**
Gold diffusion in crystalline and glassy CdGeAs sub 2 samples /Diffuziya zolota v kristallicheskikh i stekloobraznykh obraztsakh CdGeAs sub 2/. 19 p3301 A67-34776
- AKSHANOV, B. S.**
Injection and trapping of charged particles in a magnetic mirror. 02 p0274 A67-12457
Capture of charged particles in pulsed injection into a trap with stationary fields. 02 p0274 A67-12458
Charged-particle energy distribution in a magnetic trap. 02 p0274 A67-12459
- AKSHENTSEVA, A. P.**
Influence of heat treatment on the structure and properties of VT1 titanium and the OT4 alloy. 06 p1018 A67-18236
- AKULENKO, L. D.**
Steady-state oscillations and rotations /K voprosu o stacionarnykh kolebaniyakh i vrashcheniyakh/. 01 p0113 A67-10285
Multifrequency oscillations and rotations /O mnogochastotnykh kolebaniyakh i vrashcheniyakh/. 03 p0468 A67-13338
Problem of steady-state rotations in an autonomous system /K voprosu o stacionarnykh vrashcheniyakh v avtonomnoi sisteme/. 05 p0847 A67-17475
Resonance in a rotating system /O rezonanse vo vrashchatel'noi sisteme/. 09 p1532 A67-21910
Resonance oscillations and resonance rotation in some mechanical systems /O rezonansnykh kolebaniyakh i vrashcheniyakh v nekotorykh mekhanicheskikh sistemakh/. 10 p1680 A67-23409
Higher-order resonance rotations /Rezonansnye vrashcheniya vysshih stepenel/. 12 p1967 A67-26102
- AKULENOK, E. M.**
Influence of block structure and slip planes on the divergence of the laser radiation of ruby crystals. 21 p3642 A67-38968
- AKULINA, D. K.**
Determination of plasma density in a metal system by excitation of higher modes. 02 p0274 A67-12464
- AKULINICHEV, I. T.**
Data on the condition of the cosmonauts during the flight of the spacecraft Voskhod /Nekotorye dannye o sostoyanii kosmonavtov vo vremya poleta kosmicheskogo korabla "Voskhod"/. 02 p0185 A67-11545
Problems of biotelemetry in long space flights /Problemy biotelemetrii v dlitel'nykh kosmicheskikh poletakh/. 02 p0187 A67-12323
Some reactions of the cardiovascular and respiratory systems of cosmonauts during the Voskhod-2 orbital flight /Nekotorye reaktsii serdечно-sosudistoi i dykhatel'noi sistem kosmonavtov v orbital'nom polete na kosmicheskoy korable "Voskhod-2"/. 09 p1454 A67-22384
Some results of medical supervision of the state of the cosmonauts P. I. Belyaev and A. A. Leonov during training and orbital flight. 11 p1748 A67-24080
Some data on the condition of cosmonauts during the flight of the "Voskhod" spaceship. 16 p2614 A67-31811
- AKULINICHOV, I. T.**
Results of some electrophysiological investigations on board the spaceship "Voskhod" /Rezultaty nekotorykh elektrofiziolgicheskikh issledovani na korable "Voskhod"/. 16 p2616 A67-30760
- AKULOV, N. S.**
Thermal emf in plastic deformation /Termoelektrovizhushchaya sila pri plasticheskoy deformatsii/. 02 p0301 A67-12740
- AKUTAGAWA, W.**
Transport properties of semi-insulating CdTe using nuclear particles. 19 p3308 A67-36101
- AKUTAGAWA, W. M.**
Some characteristics of lithium-drifted silicon structures. 23 p4044 A67-41456
- AKYUZ, F. A.**
On the solution of two-dimensional nonlinear problems of elastoplasticity by the finite element and direct stiffness method. [AIAA PAPER 67-144] 06 p1104 A67-18457
- AL-RIFAI, R. M. S.**
Effects of drift fields and field gradients on the quantum efficiency of

- photocells. 11 p1746 A67-24914
- AL-SHAIKH, A.**
Performance criteria for the free and forced motion of discrete control systems. 02 p0225 A67-12074
- ALADEV, I. T.**
Investigation of a stabilized annular discharge in argon /Issledovanie stabilizirovannogo kol'tsevoogo razriada v argone/. 09 p1547 A67-22319
Investigation of the electrodeless ring discharge in argon and air /Issledovanie bezelektrodnogo kol'tsevoogo razriada v argone i v vozdukh/. 17 p2897 A67-32174
- ALAI, J. A.**
Tension string structure for planetary entry vehicles. 15 p2573 A67-29420
- ALAIS, P.**
Electrically maintained Alfvén waves in a conducting liquid /Oscillations d'Alfvén d'un liquide conducteur entretenues électriquement/. 02 p0272 A67-11520
Skin effect in a type-II superconductor. 17 p2926 A67-33381
- ALAKHOV, E. K.**
Use of the triode system of a reflex klystron for the construction of a device with modulated SHF oscillations /Ispos'zovanie triodnogo rezhima otrazhatel'nogo klstrona dlia postroyeniya pribora s modulirovannymi SVCh kolebaniyami/. 20 p3451 A67-37148
- ALAKOZ, A. V.**
Cross section of inelastic interaction between neutrons and carbon nuclei at energies of 100 GeV /Sechenie neuprugogo vzaimodel'stviya neitronov s iadrami ugleroda pri energii 100 GeV/. 24 p4219 A67-42848
- ALAM, K.**
Selection from multivariate normal populations. 23 p4024 A67-41084
- ALAMICHEL, C.**
Study of the dispersion in the fundamental vibration-rotation band of NO /Etude de la dispersion dans la bande fondamentale de vibration-rotation de NO/. 03 p0468 A67-13473
- ALANAKIAN, IU. R.**
Interaction of electromagnetic waves at a plasma boundary. 04 p0688 A67-15274
Generation of a surface wave in the interaction of plane waves with a plasma. 09 p1484 A67-22012
Theory of surface waves in plasma /K teorii poverkhnostnykh voln v plazme/. 15 p2529 A67-29712
- ALANIHA, M. V.**
27-day variations of cosmic ray anisotropy according to neutron component observations at mountain stations of the world network. 02 p0312 A67-12600
Planetary distribution and possible interpretation of sudden increases in cosmic ray intensity detected by the world network, but not associated with visible formations on the sun. 02 p0312 A67-12602
Sudden changes in cosmic-ray intensity /Vnezapnye izmeneniya intensivnosti kosmicheskikh luchel/. 05 p0881 A67-16118
27-day cosmic-ray variations in relation to solar and geomagnetic activities /27-dnevnyye variatsii kosmicheskikh luchel v svyazi s solnechnoi i geomagnitnoi aktivnostyami/. 05 p0881 A67-16122
Quasi-spiral nature of the change in the 27-day cosmic-ray variation with solar activity /Kvazispiral'nyi kharakter izmeneniya 27-dnevnoi variatsii kosmicheskikh luchel s solnechnoi aktivnost'yu/. 05 p0884 A67-17137
Mathematical expectancy of the distribution of harmonic coefficients when they are determined from 12 ordinates, and comparison with experiment. 13 p2191 A67-26565
Statistical analysis of solar-diurnal variations of cosmic rays from directional telescope and neutron-monitor data /Statisticheskii analiz solnechno-sutochnoi variatsii kosmicheskikh luchel po dannym napravlennykh teleskopov i neitronnykh monitorov/. 17 p2931 A67-32078
Diurnal and semidiurnal variations of cosmic-ray intensity in connection with solar and magnetic activity /Sutochnye i polusutochnye variatsii intensivnosti kosmicheskikh luchel v svyazi s magnitnoi i solnechnoi aktivnostyami/. 17 p2932 A67-32081
Relation between the frequency distribution of sudden changes in cosmic-ray intensity and the solar-diurnal variation /Raspredelenie chastoty vnezapnykh

- izmenenii intensivnosti kosmicheskikh luchel i solnechnosutochnala 17 p2932 A67-32082
- 27-day cosmic-ray variations and the radius of the effective volume of the asymmetrical solar wind from magnetic discontinuities /27-Dnevnyye variatsii kosmicheskikh luchel i radius effektivnogo ob'ema asimmetrichnogo solnechnogo vetra magnitnykh neodnorodnostel/. 17 p2932 A67-32085
Quasi-spiral character of the change of the 27-day cosmic-ray variation with solar activity. 21 p3698 A67-38480
Solar diurnal variations and sudden changes in cosmic-ray intensity /Solnechno-sutochnye variatsii i vnezapnye izmeneniya intensivnosti kosmicheskikh luchel/. 23 p4058 A67-41123
Sudden changes in cosmic ray intensity. 24 p4214 A67-42794
27-day cosmic ray variations in relation to solar and geomagnetic activities. 24 p4214 A67-42798
- ALASTI, B.**
New method of measuring the dielectric constant of very low loss materials at millimeter wavelengths /Une nouvelle methode de mesure en ondes millimetriques de la constante dielectrique des materiaux a tres faibles pertes/. 11 p1792 A67-24764
- ALAVEDRA, J. C.**
Minimum initial velocity under given conditions. 02 p0327 A67-12334
- ALAVIDZE, G. R.**
Flow of current in a cross connected M.H.D. generator with four electrodes. 18 p2987 A67-33704
- ALBACETE, L. M.**
Boundary layer over a slender parabola of revolution with fluid injection. 01 p0055 A67-11175
- ALBANY, H. J.**
Double valence band and thermoelectric properties of PbTe-SnTe solutions /Double bande de valence et proprietes thermoelectriques de solutions PbTe-SnTe/. 10 p1688 A67-22848
Low-temperature thermal conductivity of fast-neutron-irradiated silicon and germanium. 11 p1849 A67-24899
Low-temperature thermal conductivity of fast neutron-irradiated silicon and germanium. 17 p2919 A67-32855
- ALBASIN, E. L.**
Some best-possible error bounds in deformation theory. 01 p0165 A67-11308
- ALBER, IA. I.**
Method of differential descent in the solution of multidimensional variation problems /Metod differentsial'nogo spuska dlia resheniya mnogomernykh variatsionnykh zadach/. 07 p1212 A67-19136
Thermal history of the moon. 18 p3119 A67-33862
- ALBER, R. A.**
Neutron multiplicity monitor observations during 1965. 20 p3452 A67-37407
- ALBER, S. I.**
Method of differential descent in the solution of multidimensional variation problems /Metod differentsial'nogo spuska dlia resheniya mnogomernykh variatsionnykh zadach/. 07 p1212 A67-19136
- ALBERGHINI, J. E.**
Surface conductivity on degenerate germanium. 01 p0131 A67-10340
- ALBERS, L. U.**
Solution of the Boltzmann and rate equations for the electron distribution function and state populations in non-equilibrium MHD plasmas. 16 p2710 A67-30519
- ALBERT, A. E.**
Stochastic approximation and nonlinear regression. 24 p4179 A67-42900
- ALBERT, R. D.**
Nearly monoenergetic electron fluxes detected during a visible aurora. 09 p1491 A67-22022
- ALBERY, D. W.**
Assessment of the performance of the ELDO first program attitude reference unit in an inertial role. 20 p3481 A67-37167
- ALBINI, F.**
Radar return from vehicles in the ionosphere. 14 p2261 A67-28125
- ALBRECHT, H. J.**
Correlating tropospheric scatter data and cyclonic parameters. 24 p4124 A67-42823
- ALBRIGHT, D. L.**
A meteor burst clock synchronization experiment. 09 p1494 A67-21618

ALBRIGHT, H. T.

Solar absorptance and thermal emittance of aluminum coated with surface films of evaporated aluminum oxide.

[AIAA PAPER 65-856] 03 p0448 A67-13036

ALBRITTON, O. W.

Technical note - An evaluation of cooling rates in Charpy impact specimens.

11 p1874 A67-24265

ALERO, H. L.

The fabrication of small gas turbine compressor blades by precision rolling.

[SAE PAPER 670095] 09 p1508 A67-22538

ALBUS, J. S.

Lunar AIMP photographic data processing system.

08 p1330 A67-20661

ALCALAY, J. A.

Experimental study of scattering in particle-surface collisions with particle energies of the order of 1 eV.

13 p2099 A67-26950

ALCAMO, I. E.

Sterilizing effects of high-intensity airborne sonic and ultrasonic waves.

04 p0562 A67-14520

ALCARAS, J. A. C.

Accidental degeneracy of the Coulomb interaction.

18 p3083 A67-34072

ALCARAZ, E.

Measurement of the friction coefficient on a plane wall by means of a scale /Mesure du coefficient de frottement sur paroi plane a l'aide d'une balance/.

09 p1501 A67-22577

ALCOCK, A. J.

Multiple stimulated Brillouin scattering from a liquid within a laser cavity.

20 p3457 A67-36385

Nanosecond pulse generation by means of stimulated Brillouin scattering.

23 p4011 A67-40786

ALCOCK, R. N.

A digital direction finder.

19 p3254 A67-35551

ALDAY, J. R.

A hysteresis effect in step recovery millimeter wave harmonic generators.

05 p0780 A67-17529

ALDAZ, L.

Surface air radioactivity and ozone at Amundsen-Scott station /90 deg s./, Antarctica.

20 p3429 A67-36871

ALDCROFT, D. A.

The accumulation of energetic ions in a mirror machine by resonant non-adiabatic trapping.

12 p1969 A67-25248

ALDEN, R. C.

Hydro-mechanical servo sweeps F-111 wings.

05 p0752 A67-16157

ALDER, A. V.

Flashblindness studies in aircraft simulators.

23 p3966 A67-41580

ALDERSON, E. D.

Graphical solutions to orbital mechanics problems.

05 p0901 A67-17206

ALDOUS, W. H.

Microwave Valves.

16 p2636 A67-30864

ALDRICH, R. W.

New work on CdTe thin film solar cells.

23 p4046 A67-41495

ALDRIDGE, G. W., JR.

Radioisotopes for army aviation applications.

05 p0841 A67-16534

ALDROVANDI, R.

Accidental degeneracy of the Coulomb interaction.

18 p3083 A67-34072

ALEKHIN, V. M.

The thermal state of microscopically thin film junctions /Teplovoy rezhim mikroplenochnykh uzlov/.

15 p2444 A67-29415

Calculation of the capacitance of braided conductors /Raschet emkosti provodnikov v zhgutakh/.

22 p3747 A67-39340

ALEKSANDROV, A. D.

Examination of some properties of solutions for the Dirichlet problem by reduction to a single variable /Issledovanie nekotorykh svoystv reshenii zadachi Dirikhle putem svedeniya k sluchayu odnoi peremennoi/.

12 p1961 A67-25670

Certain estimates of solutions to the Dirichlet problem /Nekotorye otsenki reshenii zadachi Dirikhle/.

14 p2343 A67-28631

ALEKSANDROV, A. F.

Unsteady processes in a plane plasma layer /Nestatsionarnye protsessy v ploskom sloe plazmy/.

19 p3286 A67-35349

ALEKSANDROV, A. G.

Inverse problem of synthesizing an optimum control /K obratnoi zadache sinteza optimal'nogo upravleniya/.

23 p3985 A67-41672

ALEKSANDROV, A. IA.

Equivalent reinforcement of holes /Ob ekvivalentnom podkreplenii otverstii/.

12 p2019 A67-25564

Study of the deformations in microsections of polycrystals with the aid of photoelastic coatings /Issledovanie deformatsii v mikrooblastiakh polikristallov pri pomoshchi fotouprugikh pokrytii/.

20 p3540 A67-37059

ALEKSANDROV, A. IU.

Change in the Mossbauer spectrum of Te super 125m in the semiconductor PbTe following irradiation in a reactor.

09 p1559 A67-22661

ALEKSANDROV, A. P.

Special features of the structure of the energy levels of rare-earth chelates /Osobennosti struktury energeticheskikh urovnei redkozemel'nykh khelatov/.

09 p1512 A67-21921

Characteristics of the structure of energy levels of rare-earth chelates.

14 p2330 A67-28250

ALEKSANDROV, E. B.

Investigation of surface strains by the hologram technique.

21 p3625 A67-37944

ALEKSANDROV, I. A.

Waves with complex propagation constants in a diaphragmed waveguide. I /Volny s kompleksnymi postolannymi rasprostraneniya v diafragmirovannom volnovode. I/.

04 p0575 A67-15214

Waves with complex propagation constants in an iris-loaded waveguide.

15 p2438 A67-30282

ALEKSANDROV, IU. L.

Problems associated with the flow of a two-component mixture along the channel of an electromagnetic pump /Nekotorye voprosy techeniya dvukhfaznoi smesi po kanalu elektromagnitnogo nasosa/.

13 p2169 A67-27316

ALEKSANDROV, IU. N.

Comparison of the reflectivity of Mars at 40 and 12.5 cm from radar observations during the 1963 opposition.

09 p1563 A67-21632

ALEKSANDROV, IU. S.

Method of determining the statistical characteristics of the phase coordinates of linear automatic control systems /Metod opredeleniya statisticheskikh kharakteristik fazovykh koordinat lineinykh sistem avtomaticheskogo upravleniya/.

06 p0978 A67-18792

Method for determining the statistical characteristics of the phase coordinates of linear automatic control systems.

18 p3018 A67-34457

ALEKSANDROV, L. N.

Interaction of the relaxation spectrum and high-temperature internal friction background of refractory metals.

07 p1210 A67-20010

ALEKSANDROV, N. A.

Temperature dependence of the mechanical properties of the ordered solid solution Ni sub 3 Mn. II.

20 p3467 A67-37118

Study of the temperature-dependence of the stresses leading to the onset of dislocations in a nickel alloy with 17 at. percent chromium /Izuchenie temperaturnoi zavisimosti naprazheniya starta dislokatsii v splyve nikella s 17 at. percent khroma/.

20 p3471 A67-37558

ALEKSANDROV, V. A.

Effect of surface-tension forces on the heat-transfer coefficient during the condensation of vapor on an inclined tube /K voprosu villianiya sil poverkhnostnogo natlazheniya na koeffitsient teplootdachi pri kondensatsii para na naklonnoi trube/.

17 p2970 A67-32461

ALEKSANDROV, V. M.

Equilibrium longitudinal cracks in plates /O ravnovesnykh prodol'nykh treshchinnakh v plastinakh/.

12 p2019 A67-25565

Optimal system with controlled feedback.

20 p3410 A67-37232

Asymptotic solution for a class of integral equations and its application to the contact problems of elastic cylindrical bodies /Asimptoticheskoe reshenie odnogo klassa integral'nykh uravnenii i ego primenenie k kontaktным zadacham dlia tsilindricheskikh uprugikh tel/.

22 p3909 A67-39400

ALEKSANDROV, V. T.

On the determination of the radiation shape factor of a system of two coaxial cylinders.

14 p2406 A67-28308

ALEKSANDROV, V. V.

Flow of radiating hydrogen in axisymmetric nozzles /Techenile izluchalushchego vodoroda v osesimmetrichnykh soplakh/.

22 p3785 A67-40013

ALEKSANDROVICH, L. I.

Natural oscillations of an elastic axisymmetric vessel of arbitrary contour /Sobstvennyye kolebania uprugogo osesimmetrichnogo sosuda proizvol'nogo kontura/.

12 p2020 A67-25566

ALEKSANIAN, L. M.

Magnetometric equipment on board the space laboratory "Elektron-2."

11 p1789 A67-24079

ALEKSEENKO, Z. T.

Beginning of the overlap of the operating ranges of lasers and backward-wave tubes.

05 p0825 A67-17168

ALEKSEEV, A. I.

Polarization of ruby laser radiation /O polarizatsii izlucheniya rubinovogo lazera/.

15 p2499 A67-29701

Polarization of the radiation from a ruby laser.

24 p4166 A67-41771

ALEKSEEV, A. S.

Application of a point-to-point mapping technique to the solution of optimum control problems for piecewise-linear dynamic systems /Primenenie metoda tochnykh preobrazovaniy k resheniyu zadach optimal'nogo upravleniya v kusochno-lineinykh dinamicheskikh sistemakh/.

22 p3776 A67-39776

ALEKSEEV, B. V.

Calculation of a boundary layer with chemical reactions along the generatrix of a body of revolution /Raschet pogrannichnogo sloia s khimicheskimi reaktsiyami v dol' obrazulushchey tela vrashcheniya/.

21 p3564 A67-38423

ALEKSEEV, G. A.

Frequency and spatial correlation of waves scattered from a rough surface.

22 p3760 A67-39660

ALEKSEEV, I. A.

Frequency control of the radiation pattern of a spaced antenna array in the case of in-phase signal addition at intermediate frequency /Chastotnoe upravlenie diagrammi napravlenosti v diapazonnoi antennoi reshetke pri sinfaznom slozhenii signala na promezhutochnoi chastote/.

20 p3402 A67-37506

ALEKSEEV, IU. I.

System for controlling the east-west line of the DKRT-1000 cross-type radio telescope /Sistema upravleniya linii vostok-zapad krestobraznogo radioteleskopa DKRT-1000/.

20 p3402 A67-37505

ALEKSEEV, IU. N.

Determination of the velocity field of the displacements of the bending elements of a sheet during its forming in the rollers of a profile-bending mill /Opredelenie polya skorosti peremeshchenii podgibaemykh elementov polosu pri ee formirovani i valkakh profilgibochno stana/.

21 p3631 A67-38052

Development of theoretical foundations for the volume deformation of metals /Razrabotka teoreticheskikh osnov ob'emnogo deformirovaniya metallov/.

21 p3637 A67-38922

ALEKSEEV, L. F.

An experiment to test the hypothesis of the antimatter nature of meteoric swarms.

23 p4069 A67-41689

ALEKSEEV, S. A.

Calculation of a soft spherical shell in a fluid flow /K raschetu miagkoi sfericheskoi obolochki v potoke zhidkosti/.

21 p3717 A67-37976

ALEKSEEV, V. A.

Conductivity of a high-density plasma /K voprosu o provodimosti plazmy vysokoi plotnosti/.

09 p1543 A67-21818

Polarization characteristics of the radio emission from a moon with a rough surface with allowance for the averaging effect of the antenna radiation pattern /Polarizatsionnye kharakteristiki radioizlucheniya sfericheskoi luny pri uchete usrednialushchego deystviya diagrammy napravlenosti anteny/.

16 p2628 A67-31495

ALEKSEEV, V. G.

Asymptotic properties of some statistical estimates for Gaussian random processes /Ob asimptoticheskikh svoystvakh nekotorykh

statisticheskikh otsenok dlia gaussovskikh sluchainykh protsessov/. 12 p1960 A67-25312

ALEKSEEV, V. I.

Determination of the thermodynamic activity of carbon in alloyed molybdenum carbide /Opredelenie termodinamicheskoi aktivnosti ugleroda v legirovannom karbide molibdena/. 24 p4171 A67-41962

ALEKSEVA, L. M.

Steady-state convection of a low-pressure plasma /Statsionarnaya konveksiya plazmy nizkogo davleniya/. 21 p3675 A67-39014

ALEKSEVA, V. G.

Determination of the frequency characteristics of a system from the transfer characteristic /Opredelenie chastotnykh kharakteristik sistemy po perekhodnoi kharakteristike/. 11 p1772 A67-24980

ALEKSEVSKII, N. E.

Use of ruby to obtain infralow temperatures by adiabatic demagnetization. 06 p1047 A67-17760

Phase diagram of the niobium-titanium-zirconium system and the superconducting properties of its alloys /Diagramma sostoiianiia sistemy niobil-titan-tsitronil i sverkhprovodlashchie svoistva splavov etoi sistemy/. 09 p1518 A67-22029

Superconductivity of the Nb sub 3 Al-Mo sub 3 Al system /Sverkhprovodimost' v sisteme Nb sub 3 Al-Mo sub 3 Al/. 13 p2184 A67-27631

Superconducting properties of rhenium /Sverkhprovodlashchie svoistva renliia/. 14 p2375 A67-29069

Superconductivity in the system Nb sub 3 Al-Mo sub 3 Al. 21 p3685 A67-38828

ALEKSEIUNAS, A. A.

Pulsed sinusoidal method of measuring the capacitance-voltage and current-voltage characteristics of relaxing p-n junctions /Impul'sno-sinusoidal'nyi metod izmereniia vol'temkostnykh i vol'tampernykh kharakteristik relaksirulushchikh p-n perekhodov/. 08 p1303 A67-20998

ALEKSEV, B. F.

Autodyne for EPR observations in weak fields /Avtodin dlia nabludeniiia E.P.R. v slabykh polakh/. 11 p1793 A67-24865

ALEKSIDZE, M. A.

Affine image recognition /Ob affinnom opoznavanii obraza/. 01 p0028 A67-10541

Representation of an anomalous gravitational field /Ob odnom predstavlenii anomal'nogo gravitatsionnogo polia/. 03 p0411 A67-13345

Comment on an approximate method for solving boundary value problems /Zamechaniiia ob odnom priblizhennom metode resheniia granichnykh zadach/. 12 p1960 A67-25440

Notes on an approximate method of solving boundary value problems. 20 p3479 A67-37723

ALEKSIIN, V. F.

Magnetic surfaces of a straight helical magnetic field in the presence of an axial current /Magnitnye poverkhnosti prilamogo vintovogo magnitnogo polia pri nalichii osevo go toka/. 01 p0122 A67-10344

Determination of the electron temperature of a plasma by the soft X-ray bremsstrahlung. 02 p0274 A67-12461

Some singularities of electromagnetic radiation in anisotropic dispersive media. 08 p1294 A67-20821

Magnetic surfaces of a helical magnetic field in the presence of an axial current. 11 p1843 A67-25017

Plasma drift instability in the helical magnetic field of a stellarator /Dreifova nestilikst' plazmi u vintovomu magnitnomu poli stellaratora/. 14 p2361 A67-28762

Measurement of the gas kinetic pressure of the plasma in a paramagnetic current column from the diamagnetic effect /Izmerenie gazokineticheskogo davleniia plazmy paramagnitnogo tokovogo shnura po diamagnitnomu efektu/. 16 p2718 A67-31188

ALEYUNAS, P.

Synergetic satellites. 04 p0703 A67-14601

ALEMAOV, V. E.

Aerothermochemistry of high-temperature reactive systems /Aerotermodokhimiiia vysokotemperaturnykh reagirulushchikh sistem/. 22 p3921 A67-40447

ALESHIN, G. M.

The lunar ultraviolet spectrum in the range of 2850-3550 angstrom units according to the data obtained from the Zond 3 automatic space probe. 18 p3122 A67-34141

ALESHINA, T. N.

Polarization characteristics of the radio emission from a moon with a rough surface with allowance for the averaging effect of the antenna radiation pattern /Polarizatsionnye kharakteristiki radioizlucheniia sherokhovatoi luny pri uchete usrednialushchego deistviia diagrammy napravlenosti anteny/. 16 p2628 A67-31495

ALESHONKOVA, I. U. A.

Estimation of the sums of states for some simple molecules at high temperatures /Ob otsenke summ po sostoiianiim nekotorykh prostykh molekul pri vysokikh temperaturakh/. 16 p2704 A67-31390

ALEXANDER, E. C., JR.

Isotopic anomalies of krypton and xenon in Canyon Diablo graphite. 16 p2750 A67-31438

ALEXANDER, E. G.

An experimental study of drift-field silicon solar cells. 10 p1596 A67-23161

ALEXANDER, E. L.

Mechanics of reinforced solid propellants. 08 p1374 A67-20889

ALEXANDER, J. A.

The elevated temperature reactivity in boron metal matrix composite materials. 03 p0445 A67-13438

High modulus filaments for metal matrix reinforcements. [ASTME PAPER WES-7-75] 10 p1668 A67-23010

ALEXANDER, W. C.

Discussion of ten basic aerial delivery methods. 17 p2796 A67-32519

ALEXANDER, W. E.

Standardizing surface-temperature measurement. 01 p0075 A67-11134

ALEXANDER, W. M.

Surveyor lunar ejecta experiment. 08 p1411 A67-20948

Results of studies of thermal gradient effects on ceramic transducer sensors used in cosmic dust experiments. 19 p3229 A67-35170

Zodiacal dust measurements in cis-lunar and interplanetary space from OGO III and Mariner IV experiments between June and December 1966. 19 p3318 A67-35185

Results of recent microparticle hypervelocity impact studies related to sensors of cosmic dust experiments. 19 p3229 A67-35210

ALEXANDER, W. T., JR.

USAAVLABS tandem rotor airloads measurement program. 13 p2054 A67-27596

ALEXANDRO, F. J., JR.

Bounds on the optimal performance of pulse controlled linear systems. 16 p2850 A67-31671

ALEXEEVA, N.

A method of pattern synthesis for equally and unequally spaced arrays. 14 p2285 A67-28451

ALEXEFF, I.

Alternative method for exciting electron plasma oscillations with transverse electromagnetic waves. 03 p0485 A67-14052

Scattering of energetic particles by laboratory plasmas. 08 p1361 A67-21136

Electron-temperature variation induced effects and Landau damping of ion acoustic waves. 11 p1837 A67-24395

ALFELT, G.

The migration of iron in alkaline nickel-cadmium cells with pocket electrodes. 09 p1458 A67-22178

ALFEROV, ZH. I.

Optical reflection of gallium phosphide, gallium arsenide and their solid solutions /Opticheskoe otrazhenie fosfida galliia, arsenida galliia i ikh tverdykh rastvorov/. 01 p0086 A67-10067

Special feature of injection in heterojunctions /Ob odnoi osobennosti inzhetsii v geteroperekhodakh/. 03 p0490 A67-13154

Electrical properties of gallium-phosphide/gallium-arsenide p-n heterojunctions /Elektricheskie svoistva p-n geteroperekhodov fosfida galliia-arsenida galliia/. 05 p0887 A67-17054

Optical reflection of gallium phosphide, gallium arsenide, and their solid solutions. 08 p1339 A67-21450

Investigation of volt-ampere characteristics of diffused p-n junctions in GaAs sub 0.65 P sub 0.35 /Issledovanie vol'tampernykh kharakteristik diffuzionnykh p-n-perekhodov

v GaAs sub 0.65 P sub 0.35/. 12 p1984 A67-25519

Electric and photoelectric properties of epitaxial gallium arsenide films /Elektricheskie i fotoelektricheskie svoistva epitaksial'nykh sloev arsenida galliia/. 12 p1984 A67-25521

Possibility of developing a rectifier for ultrahigh current densities on the basis of a p-i-n /p-n-n super plus, n-p-p super plus/ structure with heterojunctions /O vozmozhnosti sozdaniia vypryamitelia na sverkhvysokie plotnosti toka na osnove p-i-n /p-n-n super plus, n-p-p super plus/ struktury s geteroperekhodami/. 13 p2174 A67-26366

Electrical properties of gallium phosphide-gallium arsenide p-n heterojunctions. 15 p2538 A67-29785

Investigation of the current-voltage characteristics of diffused p-n junctions in GaAs sub 0.65 P sub 0.35. 18 p3103 A67-34450

Electrical and photoelectric properties of epitaxial films of gallium arsenide. 18 p3103 A67-34452

Possible development of a rectifier for very high current densities on the basis of a p-i-n /p-n-n super plus, n-p-p super plus/ structure with heterojunctions. 21 p3680 A67-38322

ALFORD, J. S.

Protecting turbomachinery from unstable and oscillatory flows. [ASME PAPER 66-WA/GT-13] 04 p0690 A67-15370

Design criteria and configuration for long-life aircraft gas turbines. [SAE PAPER 670344] 17 p2929 A67-32988

Protecting turbomachinery from unstable and oscillatory flows. [ASME PAPER 66-WA/GT-13] 24 p4207 A67-42462

ALFRED, L. C. R.

Theory of the resistivity change in a metal due to multiple point imperfections. 05 p0830 A67-17190

ALFUTOV, N. A.

Possibility of solving stability problems of plates without preliminary determination of the initial stressed state /O vozmozhnosti resheniia zadach ustoiichivosti plastin bez predvaritel'nogo opredeleniia nachal'nogo napriazhennogo sostoiianiia/. 22 p3909 A67-39401

ALFVEN, H.

Antimatter and cosmology. 11 p1858 A67-23994

Currents in the solar atmosphere and a theory of solar flares. 12 p2001 A67-25224

Solar magnetic fields. 21 p3709 A67-38990

ALGEO, J. A.

A tri-mode four channel monopulse bridge. 03 p0383 A67-13828

ALI, A. W.

Plasma state in a coaxial accelerator. 21 p3661 A67-37752

ALI, M. A.

Strength of sintered specimens containing hollow glass microspheres. 20 p3473 A67-36779

ALIAKRINSKII, B. S.

Trends in the development of space psychology /Puti razvitiia kosmicheskoi psikhologii/. 16 p2612 A67-30903

ALIAOVSKII, V. N.

The polarization of radiation from gallium arsenide diodes. 01 p0034 A67-10090

ALICHANOVA, SH. A.

The investigation of the reactive characteristics of diffused silicon p-n junctions. 16 p2726 A67-30817

ALDIERES, M.

Acceleration of a plasma in a pinch configuration /Acceleration d'un plasma dans une configuration de striction/. 11 p1828 A67-23893

ALIEV, A. A.

Scattering of alkali ions from the surface of tungsten single crystals /Rasselanie shchelochnykh ionov poverkhnosti monokristalla vol'trama/. 01 p0136 A67-18424

ALIEV, F.

Turbulent mixing in a system of plane nonisothermal jets /Turbulentnoe peremeshivanie v sisteme ploskikh nelzotermicheskikh strui/. 13 p2105 A67-27052

ALIEV, G. M.

Selenium as a polymer semiconductor and its conduction mechanism. 01 p0138 A67-11297

- ALIEV, I. U. M.**
Parametric resonance in a plasma in a magnetic field. 03 p0475 A67-12931
- ALIEV, M. I.**
Thermal conductivity and thermal emf of Zn and Te alloyed gallium antimonide /Teploprovodnost' i termoezds antimonida gallia, legirovannogo Zn i Te/. 02 p0297 A67-11847
About phonon scattering in doped GaSb crystals. 03 p0488 A67-12811
Thermal conductivity and electric properties of the solid solutions of /GaSb/ sub x /GaTe/ sub 1 sub -x and /GaSb sub 3 sub x /Ga sub 2 Te sub 3/ sub 1 sub -x /O teploprovodnosti i elektricheskikh svoystvakh tverdykh rastvorov /GaSb/ sub x /GaTe/ sub 1 sub -x i /GaSb/ sub 3 sub x /Ga sub 2 Te sub 3/ sub 1 sub -x/. 16 p2729 A67-31155
Study of the phonon scattering at point defects in InSb-In sub 2 Te sub 3 alloy /Issledovanie rasselaniia fononov na tochechnykh defektakh splava InSb-In sub 2 Te sub 3/. 16 p2730 A67-31156
Investigation of the Nernst-Ettingshausen thermomagnetic effects in solid solutions of InSb-In sub 2 Te sub 3 /Issledovanie termomagnitnykh effektov Nernsta-Ettingsgauzena v tverdykh rastvorakh InSb-In sub 2 Te sub 3/. 16 p2730 A67-31157
Cryostat with a metallic holder for measuring the galvanomagnetic effects in semiconductors /Kriostat s metallicheskim derzhatel'm dlia izmereniia gal'vanomagnitnykh effektov v poluprovodnikakh/. 16 p2730 A67-31158
Electron thermal conductivity in n-type InSb /Ob elektronnoi teploprovodnosti n-InSb/. 16 p2730 A67-31163
Investigation of tunnel p-n junctions in gallium antimonide /Issledovanie tunnel'nykh p-n perekhodov v antimonide gallia/. 18 p3098 A67-33573
Metallic device for studying galvanothermomagnetic effects in semiconductors /Metallicheski pribor dlia issledovaniia gal'vanothermomagnitnykh iavlenii v poluprovodnikakh/. 19 p3228 A67-34989
About the role of minority carriers in the impurity conduction of GaSb. 21 p3687 A67-39141
- ALIEV, N. A.**
Study of the effect of deformation on the electric and thermal properties of the compound BiTe /Issledovanie vliianiia deformatsii na elektricheskie i teplovyie svoystva soedineniia BiTe/. 16 p2730 A67-31160
Investigation of the effect of deformation on the electrical, thermal, and mechanical properties of the compound SnTe /Issledovanie vliianiia deformatsii na elektricheskie, teplovyie i mekhanicheskie svoystva soedineniia SnTe/. 16 p2730 A67-31165
- ALIEVA, B. S.**
High-temperature inversion of the Hall coefficient in tellurium /O vysokotemperaturnoi inversii koefitsienta Kholla v tellure/. 03 p0492 A67-13344
Inversion of the Hall coefficient of tellurium alloyed with thallium /Ob inversii koefitsienta Kholla tellura, legirovannogo tallem/. 03 p0500 A67-14232
High-temperature inversion of the Hall coefficient in tellurium. 13 p2184 A67-27718
- ALIEVA, M. A.**
Investigation of the Nernst-Ettingshausen thermomagnetic effects in solid solutions of InSb-In sub 2 Te sub 3 /Issledovanie termomagnitnykh effektov Nernsta-Ettingsgauzena v tverdykh rastvorakh InSb-In sub 2 Te sub 3/. 16 p2730 A67-31157
Cryostat with a metallic holder for measuring the galvanomagnetic effects in semiconductors /Kriostat s metallicheskim derzhatel'm dlia izmereniia gal'vanomagnitnykh effektov v poluprovodnikakh/. 16 p2730 A67-31158
Metallic device for studying galvanothermomagnetic effects in semiconductors /Metallicheski pribor dlia issledovaniia gal'vanothermomagnitnykh iavlenii v poluprovodnikakh/. 19 p3228 A67-34989
- ALIEVSKII, M. IA.**
Maximum conductivity of a multicomponent mixture of ionized gases /Maksimal'nala provodimost' mnogokomponentnoi smesi ionizovannykh gazov/. 07 p1225 A67-19117
Maximum conductivity of a multicomponent mixture of ionized gases. 21 p3659 A67-38162
- ALIG, R. C.**
Attenuation of transverse ultrasound in copper. 16 p2731 A67-31446
- ALIKHANOV, S. G.**
Experiments with a high-current pulsed arc /Eksperimenty s sil'notochnoi impul'snoi dugoi/. 18 p3087 A67-34047
Experiments with dense hot plasma /Eksperimenty s plotnoi goriachei plazmoi/. 19 p3282 A67-35159
Ohmic heating of a dense hydrogen plasma /Omicheski nagrev plotnoi vodorodnoi plazmy/. 24 p4195 A67-41939
- ALIKHANOVA, R. I.**
Solution of a boundary-value problem for a second-order quasi-linear elliptic equation with discontinuous coefficients by the Galerkin method /Reshenie kraevoi zadachi dlia kvazilineinogo ellipticheskogo uravneniia vtorogo poriadka s razryvnyimi koefitsientami metodom Galerkina/. 08 p1349 A67-21197
- ALIMOV, I. U. I.**
Statistical description of signal filtering. 01 p0043 A67-10237
Systems with automatic gain adjustment using search modulation. 20 p3408 A67-37044
- ALIMOV, V. A.**
Effect of the receiver on the magnitude of the frequency correlation of the fluctuations of received radio emission /O vlianii priemnogo ustroistva na velichinu chastotnoi korreliatsii fluktuatsii primimaemogo radiolucheniia/. 16 p2640 A67-31497
- ALIMOVA, R. A.**
Effect of some technological factors on the precision of thin film resistors and capacitors having a single base /Vlianie nekotorykh tekhnologicheskikh faktorov na tochnost' mikroplenochnykh soprotivlenii i emkostei na obshchei podlozhe/. 03 p0491 A67-13242
- ALINOVSKII, N. I.**
Investigation of a plasma injected into a magnetic trap by means of a conical theta-pinch. 04 p0668 A67-15279
- ALISHOUSE, J. C.**
A discussion of empirical orthogonal functions and their application to vertical temperature profiles. 22 p3828 A67-39325
- ALISOVA, S. P.**
Investigation of the TiCr sub 2 -TaCr sub 2 -NbCr sub 2 system /Issledovanie sistemy TiCr sub 2 -TaCr sub 2 -NbCr sub 2/. 03 p0447 A67-13640
Study of the system TiCr sub 2 -ZrCr sub 2 /Issledovanie sistemy TiCr sub 2 -ZrCr sub 2/. 07 p1204 A67-19265
The system TiCr sub 2 -TaCr sub 2 -NbCr sub 2. 17 p2875 A67-33173
- ALISPONES, N.**
Assembly of Titan III space vehicle. 05 p0787 A67-16614
- ALKEMADE, C. TH. J.**
Resonator Q modulation of gas lasers with an external moving mirror. 06 p1011 A67-18758
Power broadening and collision broadening of gas laser transitions. 24 p4169 A67-43103
- ALKOV, R. A.**
The Human Error Research and Analysis Program /HERAP/. 24 p4117 A67-42984
- ALKSNE, A. Y.**
Theoretical proton velocity distributions in the flow around the magnetosphere. 08 p1377 A67-21315
The steady-state magnetic field in the transition region between the magnetosphere and the bow shock. 17 p2951 A67-33186
Theoretical proton velocity distributions in the flow around the magnetosphere. 20 p3518 A67-36653
- ALLA, M.**
Intermolecular double resonance and Overhauser effect in liquids. 01 p0019 A67-10825
- ALLABERDYEV, D.**
Formula for the computation of the skip distance in shortwave communications /O formule rascheta rasstoianii skachka korotkovolnovoi radiosvltzi/. 20 p3382 A67-36763
- ALLAIN, Y.**
Specific heat and magnetic susceptibility of dilute solid solutions of yttrium-gadolinium /Chaleur specifique et susceptibilite magnetique des solutions solides diluees d'yttrium-gadolinium/. 08 p1369 A67-20870
- ALLAN, D.**
An intercomparison of hydrogen and cesium frequency standards. 09 p1494 A67-21616
- ALLAN, D. S.**
Heat-transfer processes during ignition of ignition of solid propellant rockets. [AIAA PAPER 66-66] 05 p0873 A67-17217
- ALLAN, D. W.**
The secular variation of the earth's magnetic field. 03 p0414 A67-13944
- ALLAN, H. R.**
Radio pulses from extensive air showers. 01 p0144 A67-10888
Mechanism of radio emission from extensive air showers. 18 p3116 A67-34196
- ALLAN, J. R.**
The effects of three levels of hydration on thermal sweating. 24 p4110 A67-41781
- ALLAN, R. R.**
The rotational speed of the upper atmosphere. 06 p0993 A67-17564
Resonance effects due to the longitude dependence of the gravitational field of a rotating primary. 08 p1401 A67-21362
Resonance effects for satellites with nominally constant ground track. 16 p2744 A67-30731
Longitude dependence of the geopotential, deduced from synchronous satellites. 18 p3041 A67-34251
Satellite resonance with longitude-dependent gravity - Effects involving the eccentricity. 19 p3220 A67-35254
- ALLANAZAROV, A.**
Negative longitudinal magnetoresistance in n-InAs /Ob otritsatel'nom prodol'nom magnetosoprotivlenii v n-InAs/. 03 p0490 A67-13156
Negative longitudinal magnetoresistance of n-type InAs. 10 p1690 A67-23104
- ALLEGRE, J.**
Study of the flow around a flat plate at an angle of incidence at high Mach numbers /Etude de l'ecoulement autour d'une plaque plane en incidence a des nombres de Mach eleves/. 11 p1742 A67-24761
The N-4 hypersonic low density facility and some preliminary results on a sharp flat plate. 14 p2293 A67-28166
- ALLEMANDI, R. J.**
Long-term biomedical instrumentation in the Air Force space program. 01 p0017 A67-11029
Low frequency test generator. 08 p1307 A67-21537
- ALLEMANDOU, P.**
Low-pass filters approximating in modulus and phase the exponential function. 03 p0386 A67-13976
- ALLEN, A. M.**
The mobile concept in launch facilities. 02 p0228 A67-11837
The mobile concept in launch facilities. 05 p0787 A67-16611
- ALLEN, B. C.**
The influence of zirconium on dynamic strengthening of niobium alloys. 20 p3468 A67-37123
Elevated-temperature tensile ductility minimum in silicide coated Cb-10W and Cb-10W-2.5Zr. 22 p3821 A67-40052
- ALLEN, B. R.**
The potential role of flight recorders in aircraft accident investigation. [AIAA PAPER 66-810] 01 p0008 A67-10033
The potential role of flight recorders in aircraft accident investigation. [AIAA PAPER 66-810] 17 p2796 A67-32216
- ALLEN, C.**
Far-infrared laser power measurements. 11 p1801 A67-24715
- ALLEN, C. C.**
Mission design for flight safety. [AIAA PAPER 67-822] 24 p4243 A67-42970
- ALLEN, C. M.**
The determination of stresses in rolling-contact elements. [ASME PAPER 66-LUB-16] 03 p0431 A67-13757
Gas lubrication and distortion of high-pressure mainshaft seals for compressors. 10 p1658 A67-22705
- ALLEN, G. A.**
Crystal efficiency for injection luminescence in GaAs. 17 p2911 A67-32192

- ALLEN, G. E.
Local radiation equilibrium temperatures in semigray enclosures. [AIAA PAPER 67-211] 06 p1115 A67-18327
Local radiation equilibrium temperatures in semigray enclosures. [AIAA PAPER 67-211] 19 p3344 A67-34820
- ALLEN, G. H.
Reliability and maintainability requirements and electronic systems division /AFSC/ applications. 01 p0042 A67-11368
Multi-discipline approach for achieving operational reliability. 09 p1582 A67-22294
- ALLEN, G. W.
Ultrasonic flow measurement. 10 p1656 A67-23079
- ALLEN, H. C.
Vibration qualification of fly-away umbilical by acoustic test method. 12 p1924 A67-25714
- ALLEN, H. J.
Frothing as an explanation of the acceleration anomalies of cometary meteors. 17 p2943 A67-32541
- ALLEN, J. A.
Seasonal behaviour of atmospheric pressure oscillations. 11 p1816 A67-24840
- ALLEN, J. W.
The application of crystal field theory to the electrical properties of Co impurities in GaP. 06 p1061 A67-18926
Crystal-field spectra of 3d super n impurities in II-VI and III-V compound semiconductors. 21 p3682 A67-38388
- ALLEN, L.
The onset of oscillation in a He-Ne laser. 05 p0824 A67-16821
Zeeman effect extinction of He-Ne 6328 angstrom units laser light. 18 p3061 A67-34200
The interaction of the ultra-violet and near infrared laser systems of molecular nitrogen. 20 p3461 A67-37292
Vibrational energy level population in optically pumped AgCl vapor. 21 p3638 A67-37855
Information storage and retrieval for spacecraft parts, materials and processes. 22 p3765 A67-39951
Spatial coherence and mode structure in the He-Ne laser. 24 p4167 A67-42091
- ALLEN, R. A.
Total air radiation calculations and comparison with recent measurements. 08 p1426 A67-20583
- ALLEN, R. B.
Laser oscillation on electronic transitions in neutral N sub 2 and CO. 15 p2500 A67-29910
- ALLEN, R. D.
Submicron boron nitride as a grease thickener. II. [ASLE PREPRINT 67AM 2C-2] 14 p2325 A67-28785
- ALLEN, R. J.
Advances in monolithic integrated circuits. 12 p1916 A67-25995
Absolute measurements of the radio flux from Cassiopeia A and Taurus A at 3.64 and 1.94 cm. 19 p3330 A67-36073
- ALLEN, R. S.
Synoptic data from the ORBIS experiment. [RASSA PAPER 1-10-147] 03 p0373 A67-14254
Studies of the latitudinal variations of irregularities by means of synchronous and 1000 km satellites. 10 p1640 A67-23234
Frequency dependence of radio star scintillations. 15 p2555 A67-29621
- ALLEN, R. V.
Studies of the middle-and far-infrared spectra of mineral surfaces for application in remote compositional mapping of the moon and planets. 08 p1385 A67-20934
A model for planetary igneous differentiation. 17 p2942 A67-32387
- ALLEN, T. H.
Comparison of helium and nitrogen in production of bends in simulated orbital flights. 13 p2062 A67-26916
High temperature emittance of coated refractory metal. 15 p2503 A67-29546
Treatment of decompression sickness in simulated space flight. 23 p3960 A67-41702
- ALLEN, W. H.
Need for validity in simulation of the extraterrestrial visual environment. [ATAA PAPER 67-251] 07 p1166 A67-20069
Advanced vision research for extended spaceflight. 15 p2430 A67-29274
- ALLEN, W. V.
A possible prebiotic synthesis of monocarboxylic acids. 19 p3181 A67-35882
- ALLENBORG, H. D.
Ablation rates in mixtures of reactive gases. 17 p2971 A67-33021
- ALLENTUCH, A.
Long cylindrical shell under loads applied to a reinforcing ring. 21 p3727 A67-38871
- ALLER, H. D.
Spike bursts during the type IV event of February 5, 1965. 09 p1562 A67-22233
- ALLESINA, B.
Some system-cost implications on space structures design. [AIAA PAPER 67-808] 24 p4252 A67-42965
- ALLEY, C. O.
Optical radar detection of backscattering from the upper atmosphere. 22 p3759 A67-39558
- ALLEY, C. O., JR.
Photon bunching in a laser at threshold. 20 p3461 A67-37289
- ALLGOOD, M. A.
Oxygen under high pressure and experimental tetanus. 09 p1453 A67-21727
Microbes in aircraft wing tanks - Fuel additives to inhibit microbial growth. 20 p3515 A67-36485
- ALLIK, T. A.
Dependence of the high-altitude stability of animals on the condition of phosphorylation processes /Zavisimost' vysochnoi ustoiichivosti zhivotnykh ot sostoiianiia protsessov fosforilirovaniia/. 20 p3367 A67-36259
- ALLION, H. H.
An examination of the effects of heat transfer and compressible flow on the performance of laminar flowmeters. 03 p0404 A67-13778
- ALLISON, H. B.
Installation considerations for high bypass ratio turbofan engines. [AIAA PAPER 67-390] 15 p2548 A67-30358
- ALLISON, H. W.
Hall-effect levels produced in Te-doped GaAs crystals by Cu diffusion. 18 p3105 A67-34634
- ALLISON, I. M.
Stresses in fibre-reinforced materials. 17 p2966 A67-33387
- ALLISON, L. J.
The interpretation of Tiros radiation data for practical use in synoptic weather analysis. 13 p2149 A67-26274
- ALLOUCHERIE, Y. J.
Non-linear constant-profile plane waves in a cold plasma under an applied magnetic field. 08 p1359 A67-20896
- ALLRED, J. B.
Rapid sonication technique for liquid scintillation counting of carbon-14-labeled barium carbonate. 14 p2260 A67-28477
Metabolic changes in rats exposed to an oxygen-enriched environment. 14 p2256 A67-28588
- ALLRED, J. E.
High-impedance electrocardiogram amplifier-transmitter for use with dry electrodes. 15 p2431 A67-29919
- ALLRED, W. P.
Distribution coefficients in gallium arsenide. 10 p1693 A67-23515
- ALLTUCKER, D. S.
Prolonged recording from single vestibular units in the frog during plane and space flight, its significance and technique. 15 p2430 A67-29281
- ALLUM, F. R.
On the loss of low-energy positive ions from the inner radiation zone. 21 p3697 A67-37996
- ALMAN, I. R.
Transient characteristics of silicon diodes with negative resistance /Perekhodnye kharakteristiki kremnileykh diodov s otritsatel'nyy soprotivleniem/. 13 p2076 A67-26489
- ALMAR, I.
Preliminary analysis of INTEROBS programme observations. 05 p0783 A67-16556
- ALMAZOV, A. B.
Electronic properties of semiconductor solid solutions /Elektronnye svoystva poluprovodnikovyykh tverdykh rastvorov/. 07 p1232 A67-19580
- ALMAZOV, I. V.
Automatic exposure of longitudinal overlapping of aerial photographs /Avtomaticheskoe vyderzhivanie prodol'nogo perekrytiia aerosnimkov/. 15 p2485 A67-29137
Automatic rotation of an aerial photography system in the horizontal plane to eliminate nonparallelism between the edges of an aerial photograph and the photographic base /Avtomaticheskii razvorot aerofotoapparatov v gorizonta'l'noi ploskosti dlia ustraneniia neparallelnosti storony aerosnimka k bazisu fotografirovaniia/. 16 p2671 A67-31031
- ALONGI, R. E.
Strapdown system application studies related to a surface to surface missile. 22 p3833 A67-40186
- ALONSO, R. L.
Flight-computer hardware trends. 11 p1755 A67-24247
Vintage machine produces memories. 13 p2123 A67-26803
- ALPAR, L.
A particular class of fourier series with bounded partial sums /Sur une classe particuliere de series de Fourier ayant des sommes partielles bornees/. 07 p1215 A67-19475
- ALPATOV, E. N.
Analysis of the microgeometry of fractures. 22 p3823 A67-40300
- ALPAY, S. A.
Thermal binding in hydraulic servo control values. [ASME PAPER 66-WA/AUT-15] 04 p0555 A67-15391
- ALPER, M. E.
Space vehicle structures - Does man's presence make any difference/ques/ [SAE PAPER 660673] 01 p0153 A67-10580
- ALPEROVICH, L. S.
Alfvén velocity in the magnetosphere in the light of new data on the concentration of a cold plasma /Al'venovskaya skorost' v magnitosfere v svete novykh dannyykh o kontsentratsii kholodnoi plazmy/. 17 p2899 A67-32256
- ALPERT, D.
Effect of gas pressure on electrical breakdown and field emission. 11 p1820 A67-24921
Field emission from a multiplicity of emitters on a broad-area cathode. 11 p1820 A67-24922
Role of submicroscopic projections in electrical breakdown. 21 p3589 A67-37824
- ALPERT, I. A. L.
Outer ionosphere and its transition into the interplanetary medium /O vneshnei ionosfere i ee perekhode mezhplanetnuiu sredu/. 05 p0886 A67-16012
The propagation of atmospheric in the earth-ionosphere waveguide. 06 p0994 A67-17970
On the outer ionosphere /and its transition into interplanetary space/. 11 p1786 A67-24261
On the altitude-time distribution of the electron concentration of the outer ionosphere and its stratum-inhomogeneous disturbance. I. 12 p1936 A67-25799
On inhomogeneous formations in the outer ionosphere. II. 12 p1936 A67-25800
VLF and ELF waves in the near-earth plasma. 19 p3317 A67-34932
The outer ionosphere and its transition to the interplanetary medium. 20 p3530 A67-37589
- ALPERT, V. N.
Certain problems concerning the static strength of a locking dovetail joint /Nekotorye voprosy staticheskoi prochnosti zamkovogo soedineniia tipa lastochkina khvosta/. 03 p0528 A67-14077
- ALPHER, R. A.
Cosmological constant and perihelion precession. 22 p3889 A67-40382
- ALSABROOK, C. M.
A large screen color television laser display. 15 p2489 A67-29914
- ALSCHER, H.
Control power usage for typical flight maneuvering in hover from a systematic analysis of flight test data of the VJ 101 aircraft and of a hover-rig. [AIAA PAPER 66-816] 01 p0010 A67-10538
Control-power usage for maneuvering in hover of the VJ 101 aircraft. 21 p3568 A67-38541
- ALSPACH, W. J.
Mass flowmeters in cryogenic service. 03 p0421 A67-13768
Flow measurement. II. 13 p2121 A67-27633
- ALSPECTOR, J.
Search for charge-2/3 quarks produced by cosmic rays. 11 p1823 A67-24596

- ALTAMENOV, E. A.**
Experience in strain-gage measurements of large-scale parts at elevated temperatures /Opyt tenzometrirovaniia krupnogatarnykh detalей pri povyshennykh temperaturakh/. 03 p0527 A67-14074
- ALTER-ZALIK, IU. ZH.**
Utilization of aerological data in determining aircraft bumping in a free atmosphere. 02 p0263 A67-12847
- ALTHAUS, D.**
Method for ascertaining the position of the boundary-layer transition /Eine Methode zur Bestimmung der Lage des Grenzschichtumschlags/. 19 p3230 A67-35573
- ALTMAN, C.**
The influence of the ionospheric D-region electron density profile on V.L.F. reflection and transmission coefficients. 11 p1752 A67-24219
- ALTMAN, D. E.**
Two-photon absorption in alkali halides with a pulsed N sub 2 laser. 24 p4187 A67-42361
- ALTMAN, I. R.**
Measurement of the nanosecond lifetime in "long" diodes /Izmerenie nanosekundnykh vremenn zhzni v "dlinnykh" diodakh/. 05 p0775 A67-17004
Breakdown of silicon diodes with negative resistance /Iavleniia probola v kremnievykh diodakh s otritsatel'nyim soprotivleniem/. 11 p1768 A67-24861
Measurement of the Hall EMF in the base of a negative-resistance silicon diode /Izmerenie EDS Kholla v baze kremnievogo dioda s otritsatel'nyim soprotivleniem/. 12 p1917 A67-26097
Current distribution in silicon diodes with a negative resistance /Raspredelenie tokov v kremnievykh diodakh s otritsatel'nyim soprotivleniem/. 18 p3010 A67-33577
Reliability of high-power transistors /K voprosu o nadezhnosti moschnykh tranzistorov/. 22 p3771 A67-39827
- ALTMAN, M.**
Reaction of molten metal droplets with a rarefied atmosphere. 10 p1733 A67-23124
The determination of thermal diffusivities of thermal energy storage materials. I. [ASME PAPER 66-WA/ENER-5] 22 p3919 A67-40349
- ALTMAN, S. P.**
The hodographic theory of Newtonian mechanics. 08 p1384 A67-20618
Manual guidance for interplanetary flight. 08 p1352 A67-21104
- ALTMAN, TS. M.**
Reliability of high-power transistors /K voprosu o nadezhnosti moschnykh tranzistorov/. 22 p3771 A67-39827
- ALTABELLI, M. B.**
Packaging an integrated circuit airborne tape control unit. 12 p1911 A67-25273
- ALTOVSKII, R. M.**
Study of the corrosion properties of yttrium. I. 12 p1954 A67-25358
- ALTSCHULER, M.**
Development of an Altair IA igniter containing a nonelectric stimulus transfer system. 08 p1372 A67-20525
- ALTSCHULER, M. D.**
Electrical conductivity gradients in sunspots. 17 p2952 A67-33395
- ALTSCHULER, L. V.**
Peculiarities of phase transitions in compression and rarefaction shock waves. 23 p3989 A67-40906
- ALTSCHULLER, G. B.**
Some problems of quartz-oscillator frequency modulation. 05 p0787 A67-17400
Temperature compensation of the frequency of controlled quartz generators /Osobennosti termokompensatsii chastoty upravliaemykh kvartsevykh generatorov/. 11 p1757 A67-23909
Temperature compensation for frequency-controlled quartz oscillators. 21 p3600 A67-38937
- ALTUKHER, G. M.**
Stability of a closed cylindrical shell under combined bending and axial compression taking into account the original arbitrary imperfection of the shell form /Ustoichivost' zamknutoi krugovoi tsilindrichesko obolochki pri sovmestnom delstvi izgiba i osevoio szhatia s ucheto proizvol'nykh nachal'nykh pogibel'/. 12 p2020 A67-25587
- ALTUKHOV, A. M.**
Distribution of cosmic rays and the reception vectors of the detector. I /Raspredelenie kosmicheskikh luchei i priemnye vektory detektorov. I/. 05 p0884 A67-17121
Cosmic-ray distribution and receiving vectors of detectors. II /Raspredelenie kosmicheskikh luchei i priemnye vektory detektorov. II/. 10 p1898 A67-22778
Cosmic-ray distribution and the acceptance vectors of detectors. I. 21 p3698 A67-38464
Cosmic-ray distribution and the reception vectors of detectors. III /Raspredelenie kosmicheskikh luchei i priemnye vektory detektorov. III/. 21 p3699 A67-39018
Sidereal diurnal variations caused by the modulation of cosmic rays /Zvezdno-sutochnye variatsii, obuslovlennye modulatsiei kosmicheskikh luchei/. 23 p4059 A67-41129
Identification of the true fluctuations of diurnal variations /K vydeleniiu istinnnykh fluktuatsii sutochnoi variatsii/. 23 p4059 A67-41131
Use of matrices in the investigation of the distribution of cosmic rays /Ispol'zovanie matrits pri issledovanii raspredeleniia kosmicheskikh luchei/. 23 p4059 A67-41134
Cosmic-ray distribution and the acceptance vectors of detectors. II. 24 p4209 A67-42114
- ALUMIAE, N. A.**
Discontinuities in the acceleration induced by a plane compression wave in an elastic spherical shell /Razryvy v uskoreniakh uprugoi sfericheskoi obolochki, sozdavaemykh ploskoi volnoi davielia/. 12 p2020 A67-25568
- ALVA, M.**
Telemetry systems. 04 p0577 A67-15728
- ALVARADO, U. R.**
Maintainability and operational flexibility in manned orbital space stations. [AIAA PAPER 66-933] 02 p0331 A67-12252
A method for obtaining high fidelity underwater simulation of manned space activities. [AIAA PAPER 67-925] 24 p4140 A67-43021
- ALVEY, V. W.**
V/STOL aircraft structural considerations. [SAE PAPER 66-068] 04 p0552 A67-15784
Structures cost effectiveness. [AIAA PAPER 66-505] 13 p2220 A67-27590
- ALWAN, A. M.**
Bending of sandwich plates with large deflections. 15 p2577 A67-30289
- ALYBIN, V. G.**
Characteristics of regenerative magnetron amplifiers. 08 p1305 A67-21271
- ALZIARY DE ROQUEFORT, TH.**
The problem of a jet against the ground rheological solution in the hodograph plane. 11 p1781 A67-24571
- ALZOFON, F. E.**
Infrared evaluation of microweld quality. 20 p3454 A67-36666
- AMANN, C. A.**
Numerically controlled milling for making experimental turbomachinery. [SAE PAPER 67-0096] 09 p1509 A67-22539
- AMANOV, K. A.**
Study of the development of electromagnetic showers in lead /Izuchenie razvitiia elektromagnitnykh l'vnel v svintse/. 24 p4221 A67-42870
- AMARI, S.**
Theory of information spaces - Quantization and bandwidth compression of signal spaces. 01 p0027 A67-11239
On the concepts of dual incompatibility and dual dislocation in relation to fracture problem. 18 p2768 A67-31278
- AMASIAN, R. O.**
Statistical selection of model materials according to their deformation characteristics /Statisticheski podbor model'nykh materialov po ikh deformativnym svoistvam/. 19 p3341 A67-35630
- AMAT, G.**
Molecular-beam lasers /Les lasers moleculaires/. 14 p2331 A67-28471
- AMATEAU, M. F.**
Brittle fracture in alpha-titanium. 06 p1014 A67-17807
- AMAYENC, P.**
Experimental method of measuring ionospheric absorption, using artificial satellites /Methode experimentale de mesure de l'absorption ionospherique utilisant des satellites artificiels/. 11 p1788 A67-24059
- AMAZIGO, J. C.**
Imperfection-sensitivity of eccentrically stiffened cylindrical shells. 08 p1417 A67-20552
- AMBARTSUMIAN, R. V.**
Laser with nonresonance feedback /Opticheskii kvantovyi generator s nerezonansnoi obratnoi sviaz'iu/. 01 p0090 A67-10740
Short-pulse Q-switched laser with variable pulse length. 05 p0817 A67-16641
A laser with a nonresonant feedback. 05 p0818 A67-16642
Dynamics of radiation spectrum narrowing in a laser with nonresonance feedback /Dinamika suzheniia spektra izlucheniia kvantovogo generatora s nerezonansnoi obratnoi sviaz'iu/. 06 p1012 A67-18797
Giant pulse structure in a laser with instantaneous Q-switching. 10 p1666 A67-23584
A laser with nonresonant feedback. 13 p2126 A67-26769
Dynamics of emission line narrowing for a laser with nonresonant feedback. 18 p3061 A67-34416
Emission statistics of a laser with nonresonant feedback. 18 p3062 A67-34621
- AMBARTSUMIAN, S. A.**
Theory of multimodulus elasticity /K raznomodul'noi teorii uprugosti/. 06 p1106 A67-18624
Some problems of zero-moment theory for shells of materials having anisotropic moduli /Nekotorye zadachi bezmomentnoi teorii obolochek, izgotovlennykh iz raznomodul'nogo materiala/. 11 p1878 A67-24860
Zero-moment theory for shells made of material with diverse tensile strength and compression strength /Bezmomentnala teorii obolochek, izgotovlennykh iz materiala, raznosoprotivlialushchegosia rastiazheniiu i szhatiiu/. 12 p2020 A67-25569
- AMBEGAOKAR, V.**
Bulk /H sub c2/ and surface /H sub c3/ nucleation fields of strong-coupling superconducting alloys. 17 p2924 A67-33372
- AMBROSE, W. J.**
The selection of a gyroscopic reference for commercial aircraft. [AIAA PAPER 67-405] 15 p2491 A67-30372
- AMBROZIAK, A.**
A new functional device performing a flip-flop circuit function. 04 p0593 A67-15489
- AMELCHENKO, V. V.**
Problems in using the Vlasov method for solving equations of the method of successive loadings in the case of flexible plates and shells /Voprosy primeneniia metoda V. Z. Vlasova k resheniiu uravnenii metoda posledovatel'nykh nagruzhenii dlia gibkikh plastinok i obolochek/. 12 p2020 A67-25570
- AMELIN, V. M.**
Determination of the quasi-nodal period of the satellite 1960 epsilon 3 from simultaneous visual tracking data. 05 p0763 A67-16557
- AMEMIYA, H.**
Characteristic of a cylindrical probe in a low density plasma. 04 p0663 A67-14766
- AMENADE, IU. A.**
Elastic equilibrium of a circular plate with an elliptical hole and tightly inserted washer of a different material /Uprugoe ravnovesie kruglooi plastinki s ellipticheskimi otverstiem, v kotoroe posredstvom natiaga vstavlena shaiba iz drugogo materiala/. 06 p1106 A67-18631
- AMENADE, R. IU.**
Stability of an eccentric thin ring consisting of a nonlinearly elastic material /Ustoichivost' ekstsentricheskogo tonkogo kol'tsa, izgotovlennogo iz nelineinoupругogo materiala/. 03 p0531 A67-14230
- AMER, K. B.**
A new technique for helicopter rotor blade service life substantiation. 10 p1622 A67-23431
The dollar value of empty-weight control in helicopters. [AHS PAPER 112] 16 p2783 A67-31828
Hot cycle rotor/wing for high speed city center transportation. [AIAA PAPER 67-770] 24 p4095 A67-42938
- AMES, J. W.**
Digital recording and short-term prediction of oblique ionospheric propagation. 16 p2625 A67-31340
- AMES, W. F.**
Ad hoc exact techniques for nonlinear partial differential equations. 24 p4180 A67-43085

- AMICK, J. A.
Getting the most out of circuits with dielectric isolation. 10 p1610 A67-22971
- AMICK, J. L.
Two-dimensional secondary jet interaction with a supersonic stream. 10 p1592 A67-23116
- AMIEL, A.
Experimental unit on board the satellite "HEOS A" for the investigation of proton and alpha solar radiation /Ensemble experimental embarque a bord du satellite "HEOS A" pour l'etude du rayonnement en protons et alpha solaires/. 21 p3629 A67-38665
- AMIEL, S.
Uranium content of chondrites by thermal neutron activation and delayed neutron counting. 21 p3704 A67-38505
- AMIN, N. F.
Performance comparison of gun-launched scramjets for various fuels. 19 p3311 A67-34822
- AMIOT, L. W.
Hybrid computers in the analysis of feedback control systems. 19 p3189 A67-36068
A hybrid computer solution of the co-current flow heat exchanger Sturm-Liouville problem. 19 p3190 A67-36069
- AMIRKHANOV, KH. I.
Influence of spin on the quantum oscillations of the magnetoresistance coefficients in n-InSb. 05 p0861 A67-16394
Thermal conductivity of semiconductors of A super III B super V compounds in solid and liquid states /Teploprovodnost' napilvprovodnikov spolk A super III B super V u tverdomu i rikdomu stanakh/. 11 p1851 A67-24975
Quantum oscillations of the Nernst-Ettingshausen effect in indium arsenide. 14 p2376 A67-29087
Effect of a change in the type of chemical bonds on the thermal conductivity, microhardness, and thermal EMF of semiconductors /Vlianie izmeneniia tipa khimicheskoi svlazi na teploprovodnost', mikroverdst' i termoeds poluprovodnikov/. 18 p3096 A67-33451
- AMIRKHANOV, KH. KH.
Polarization of ferroelectrics under the combined influence of static and alternating electric fields. 03 p0382 A67-13710
- AMIRO, I. IA.
Stability of elastic systems "in the small" and "in the large" /Ob ustoiichivosti uprugikh sistem "v malom" i "v bol'shom"/. 06 p1108 A67-18663
Stability of ribbed cylindrical shells under axial compression /Ustoiichivost' rebristyk tsilindricheskikh obolochek pri osevom szhati/. 12 p2020 A67-25571
- AMIROV, A. D.
Development of thermals and cumulus clouds in a stratified atmosphere. 02 p0262 A67-12641
On the role of turbulence in convective motion. 07 p1221 A67-20005
- AMITAY, M.
An experimental investigation of the Hall effect in the hopping region. 06 p1067 A67-18966
- AMITAY, N.
Improvement of planar array match by compensation through contiguous element coupling. 02 p0211 A67-11597
- AMLINGER, P. R.
The unrecognized potential of graphical circuit design. 02 p0227 A67-12176
- AMMANN, E. O.
Optical network synthesis using birefringent crystals. VI. 11 p1818 A67-24418
- AMME, R. C.
Dynamical approach to some problems in range safety. [AAS PAPER 67-45] 15 p2572 A67-30113
- AMOROSO, F.
On the efficient use of voice-channel bandwidth in data transmission. [IEEE PAPER 19-TP-67-1262] 23 p3972 A67-40741
- AMRAM, Y.
Spectrometry of solar protons on board the satellite ESRO II /Spectrometrie des protons solaires a bord du satellite ESRO II/. 21 p3629 A67-38663
- AMSTER, A. B.
Anomalies in detonation initiation of liquid explosives. 23 p4081 A67-40635
- AMTSBERG, J.
Probe shifting device /Eln Sondenverschlebegeraet/. 02 p0228 A67-11554

- AMUSIA, M. IA.
Collective oscillations of atomic electron shells. 09 p1534 A67-22004
- AMY, J.
Experimental study of the characteristics of a hydraulic circuit useful for later development of apparatus for measuring local velocities in magnetohydrodynamic flows /Etude experimentale des caracteristiques d'un circuit hydraulique, utilisable pour la mise au point ulterieure d'appareillages de mesures de vitesses locales dans des ecoulements magnetohydrodynamiques/. 13 p2165 A67-26593
Study and experimental perfecting of an apparatus for measuring local velocities in magnetohydrodynamic flows /Etude et mise au point experimentale d'un appareillage destine a la mesure de vitesses locales des ecoulements magnetohydrodynamiques/. 13 p2167 A67-27206
- AMYOT, J. R.
Consider the merits of first-harmonic approximation in system parameter space. 22 p3776 A67-39327
- ANAND, D. K.
Use of Malkin's theorem for satellite stability in the presence of light pressure. 11 p1870 A67-24723
Effects of condenser parameters on heat pipe optimization. 13 p2222 A67-26844
- ANAND, S. P. S.
Potential tensor of electric field and virial theorem for plasmas. 03 p0482 A67-13746
- ANANEV, IU. A.
A possibility of decreasing the angular divergence of the radiation of a single-pulse laser /Ob odnoi vozmozhnosti umeni'sheniia uglovogo raskhozhdeniia izlucheniia monolimpul'snogo OKG/. 18 p3061 A67-34042
Transverse-mode distribution of emission intensity of a solid-state laser with plane mirrors. 20 p3459 A67-36688
Solid-state lasers /Tverdotel'nye opticheskie kvantovye generatory/. 20 p3462 A67-37547
Angular divergence of solid state laser radiation. 21 p3640 A67-38367
- ANANTHAKRISHNAN, S.
Field strengths of 164 kHz radio-waves received at Ahmedabad from Tashkent in 1960-65 and effect of solar X-ray emissions. 23 p4051 A67-40915
- ANANTHARAMAN, T. R.
X-ray study of cold-worked magnesium. 07 p1210 A67-20108
X-ray study of cold work and recovery in some H.C.P. metals and alloys. 19 p3247 A67-35835
- ANASHKINA, T. N.
Effect of hydrostatic pressure and temperature on the characteristics of tunnel p-n junctions in GaAs /Vlianie vvestoronnego davleniia i temperatury na kharakteristiki tunnel'nykh p-n-perekhodov v GaAs/. 09 p1554 A67-21977
Influence of uniform pressure and of temperature on the characteristics of p-n tunnel junctions in GaAs. 17 p2923 A67-33314
- ANASTASOVSKI, P.
Microwave lenses with nonlinear refractive index. 11 p1752 A67-24125
Nonlinear diaphragms in waveguides. 24 p4119 A67-41972
- ANASTASSAKIS, E.
Electric-field-induced infrared absorption in diamond. 03 p0492 A67-13260
- ANASTASSIADES, A. J.
Scattering of microwaves from plasma space-charge waves near the harmonics of the electron gyrofrequency. 16 p2715 A67-31062
- ANASTASSIADES, M.
Spread F and geomagnetic activity in middle latitude. [AGARDOGRAPH 95] 15 p2481 A67-30284
- ANATHARAMAN, T. R.
Deformation faulting in titanium, zirconium and hafnium. 14 p2340 A67-29033
- ANATICHUK, L. I.
Anisotropy of thermal emf in CdSb /Anizotropiia termo-E.R.S. CdSb/. 01 p0129 A67-10137
- ANCHEV, A.
Permanent rotations of a heavy gyro with a fixed point /O permanentnykh vrashcheniakh tlazhelego glostata, imelushchego nepodvizhnulu tochku/. 10 p1657 A67-23668
Permanent rotations of a heavy gyrostat

- having a stationary point. 21 p3627 A67-38269
- ANCHEV, A. A.
Flywheel stabilization of relative equilibrium of a satellite. 11 p1869 A67-24067
- ANCKER-JOHNSON, B.
Avalanche plasma production and instabilities on subnanosecond time scales. 06 p1070 A67-18987
Microwave emission from magnetic-field-free electron-hole plasmas. 15 p2539 A67-29820
Avalanche plasma production and instabilities on subnanosecond time scales. II. 24 p4204 A67-42344
- ANCTIL, R. E.
Some airborne night airglow OI latitude observations. 16 p2687 A67-31517
- ANDERLE, R. J.
Computational methods employed with Doppler observations and derivation of geodetic results. 05 p0894 A67-16571
Geodetic satellites - Reduction of dynamic data. 20 p3429 A67-36891
- ANDERS, E.
Chemical fractionations in meteorites. II. 20 p3526 A67-37173
Primordial gases in the Jodzie howardite and the origin of gas-rich meteorites. 21 p3704 A67-38503
Meteorites with short cosmic-ray exposure ages, as determined from their Al super 26 content. 24 p4234 A67-42630
- ANDERS, R. A.
Multi-channel electro-optical data link utilizing arrays of non-coherent GaAs light sources. 14 p2272 A67-28699
- ANDERSEN, B. W.
The analysis and design of pneumatic systems. 18 p2988 A67-33754
- ANDERSEN, J.
Network synthesis using lossy reactances. 03 p0393 A67-13974
- ANDERSEN, J. B.
Radiation from surface-wave antennas. 17 p2824 A67-32308
- ANDERSEN, T. N.
Anion and pH effects on the potentials of zero charge of gold and silver electrodes. 10 p1602 A67-23158
Cation effects on the potentials of zero charge of gold, silver, and mercury electrodes. 11 p1749 A67-23920
- ANDERSON, A.
Self-broadening effects in the infrared bands of gases. 10 p1678 A67-22715
- ANDERSON, A. D.
An hypothesis for the semi-annual effect appearing in satellite orbital decay data. 07 p1251 A67-19850
Spherical particle terminal velocities in the Martian daytime atmosphere from 0 to 50 kilometers. 13 p2195 A67-26316
Venus - Volcanic eruptions may cause atmospheric obscuration. 17 p2951 A67-33232
- ANDERSON, B.
Radio diameter measurements with interferometer baselines of one million and two million wavelengths. 09 p1565 A67-21980
- ANDERSON, B. D. O.
Stability of distributed-parameter dynamical systems with multiple nonlinearities. 04 p0591 A67-14419
Stability of passive time-variable circuits. 05 p0785 A67-17300
Application of the second method of Lyapunov to the proof of the Markov stability criterion. 23 p4022 A67-40648
A distributional approach to time-varying sensitivity. 23 p3984 A67-40755
Applications of the multivariable Popov criterion. 23 p3984 A67-41158
- ANDERSON, B. T.
Probability of growth /p sub G/ of viable microorganisms in Martian environments. 19 p3177 A67-35220
- ANDERSON, C. E.
System design of an automated laboratory and associated entry vehicle for unmanned Martian exploration. 16 p2653 A67-30628
- ANDERSON, C. H.
The Boeing Model 747. [AIAA PAPER 66-821] 02 p0181 A67-12248
Solid-state optically pumped microwave masers. 21 p3640 A67-38454
Boeing model 747. 21 p3568 A67-38542
- ANDERSON, D.
A summary of thin film deposition techniques. 04 p0631 A67-15992
- ANDERSON, D. A.
The effects of aluminium fluoride on the combustion of aluminium in the presence of

- potassium perchlorate and oxygen. 07 p1238 A67-19070
- ANDERSON, D. B.**
Tolerance of nonlinearities in time-varying optimal systems. 17 p2829 A67-32307
- ANDERSON, D. E.**
Modification of supersonic flow fields under near space conditions by cryopumping. 04 p0606 A67-14999
Injection and emission of hot electrons in thin-film tunnel emitters. 23 p4039 A67-40885
- ANDERSON, D. G. M.**
On the steady Krook kinetic equation. II. 15 p2579 A67-29570
- ANDERSON, D. L.**
Surface blistering of metals due to low energy hydrogen bombardment. 08 p1343 A67-21520
The composition of the terrestrial planets. 24 p4231 A67-42448
- ANDERSON, D. M.**
Frost phenomena on Mars. 06 p1089 A67-18645
- ANDERSON, D. R.**
A new method for the determination of gain in parametric amplifiers. 08 p1299 A67-20334
- ANDERSON, D. W.**
The IBM System/360 Model 91 - Machine philosophy and instruction-handling. 11 p1755 A67-23949
- ANDERSON, E.**
Changes in adrenal corticosterone concentration in rats - Method of bio-assay for ACTH. 04 p0560 A67-14525
- ANDERSON, E. L.**
Effects of lubricants, metals, temperature, and atmospheric environments on gear load-carrying capacity. [ASME PAPER 67-LUB-27] 24 p4164 A67-42685
- ANDERSON, E. W.**
Vibration of an inflatable fabric wing model. 06 p1100 A67-18002
- ANDERSON, F. W.**
Implementation of high reliability objectives of Surveyor pressure vessels. [ASM PAPER C6-2.1] 23 p4071 A67-41411
- ANDERSON, G. F.**
Real gas effects on the time required for establishing a detached bow shock. 06 p0992 A67-18882
Continuous measurement of shock and contact discontinuities velocity. 18 p3020 A67-34105
- ANDERSON, G. M.**
One-dimensional minimum-time rendezvous for a thrust-limited rocket. 12 p2012 A67-25922
- ANDERSON, J.**
Characterization of chemisorption by LEED. 19 p3246 A67-35785
- ANDERSON, J. A.**
Jet engine starters, cartridge-pneumatic. [ASME PAPER 67-GT-49] 11 p1855 A67-24810
- ANDERSON, J. B.**
Studies of low density supersonic jets. 14 p2301 A67-28183
An investigation of the effect of acceleration on the burning rate of composite propellants. 15 p2581 A67-29991
- ANDERSON, J. C.**
Preparation of high mobility thin films of indium antimonide. 09 p1474 A67-22112
Field-effect studies on indium antimonide films. 16 p2732 A67-31527
- ANDERSON, J. D.**
Determination of the masses of the moon and Venus, and the astronomical unit from the radio tracking of Mariner II. 05 p0895 A67-16575
Trajectory determination from observational data. [JPL-TR-32-950] 08 p1384 A67-20621
- ANDERSON, J. D., JR.**
Reduction of radiation effects on thermocouples in thermal vacuum testing. 12 p1943 A67-25695
Vacuum Instrumentation. 17 p2860 A67-32594
Radiative transfer effect on the flow field and heat transfer behind a reflected shock wave in air. 22 p3917 A67-39710
- ANDERSON, J. E.**
An evaluation of pulsed laser welding. 09 p1504 A67-22139
Multiple redundancy applications in a computer. 09 p1469 A67-22301
Transpiration cooling of a constricted electric-arc heater. 10 p1698 A67-23122
Inverse problem in arc physics. 15 p2523 A67-29229
Local temperature variations of a transpiration-cooled wall due to radiant heating. [ASME PAPER 67-HT-29] 20 p3546 A67-36722
- ANDERSON, J. R.**
Ion beam deflection for thrust vector control. [AIAA PAPER 66-204] 04 p0706 A67-15241
- ANDERSON, J. T.**
Oscillations of a magnetized plasma with anisotropic initial distribution. 09 p1550 A67-22617
- ANDERSON, J. W.**
A system for venting a propellant tank in the absence of gravity. 13 p2056 A67-27639
- ANDERSON, K. A.**
Observations of the isotropic component of cosmic X rays at balloon altitude. 04 p0693 A67-14963
Relation of 5-to 40-second-period geomagnetic micropulsations and electron precipitation to the auroral substorm. 04 p0615 A67-14968
Direct correspondence between X-ray microbursts and impulsive micropulsations. 07 p1246 A67-19949
Energetic particles in the earth's magnetic field. 07 p1246 A67-20297
Observations on the propagation of solar flare electrons in interplanetary space. 13 p2194 A67-27251
Electrons greater than 40 kev and protons greater than 500 kev of solar origin. 17 p2940 A67-33401
Auroral zone microbursts. 18 p3035 A67-33596
Auroral-zone X-ray bursts of 5-to 25-millisecond duration. 22 p3873 A67-39821
Energetic protons from the solar flare of March 24, 1966. 23 p4060 A67-41233
- ANDERSON, L. B.**
Determination of microwave-tube transfer functions. 17 p2827 A67-32791
- ANDERSON, L. K.**
An analysis of broadband circulators with external tuning elements. 09 p1474 A67-22087
- ANDERSON, M. M.**
Laser harmonics useful for frequency translation. 19 p3240 A67-35700
- ANDERSON, M. S.**
A carbon dioxide purge and thermal protection system for liquid hydrogen tanks of hypersonic airplanes. 13 p2277 A67-27847
- ANDERSON, O. L.**
Elastic properties of tektites measured by resonant sphere technique. 11 p1864 A67-24558
- ANDERSON, P.**
A simple guidance scheme for lifting body reentry vehicles. [AIAA PAPER 67-136] 06 p1095 A67-18316
- ANDERSON, P. H.**
Satellite range measurements with a laser at an astrophysical observing station. 10 p1606 A67-23182
- ANDERSON, P. W.**
The Josephson effect and quantum coherence measurements in superconductors and superfluids. 22 p3866 A67-40549
- ANDERSON, R.**
Mixing, ignition, and combustion analysis of air augmented solid rockets with boron particles. [AIAA PAPER 67-481] 18 p3158 A67-33950
- ANDERSON, R. E.**
A satellite system for navigation and communication. 16 p2700 A67-30695
- ANDERSON, R. L.**
Si-GaP heterojunctions. 06 p1051 A67-18223
Study of electroabsorption using differential photocurrent response. 10 p1691 A67-23402
Computer system for materials research. 24 p4126 A67-42930
- ANDERSON, R. M.**
Variables affecting strength and modulus of short fiber composites. 24 p4175 A67-42422
- ANDERSON, R. V.**
Use of boron nitride fibers in composites. 03 p0452 A67-13409
Absolute measurements of atmospheric charge density. 05 p0803 A67-17384
Boron nitride fibers. 21 p3649 A67-37886
- ANDERSON, S. F.**
The IBM System/360 Model 91 - Floating-point execution unit. 11 p1755 A67-23951
- ANDERSON, T. O.**
Demonstration of a quantile system for compression of data from deep space probes. [JPL-TR-32-772] 07 p1145 A67-19873
- ANDERSON, T. P.**
Coupling efficiency of the radio frequency plasma torch. 12 p1976 A67-25925
Advances in Plasma Dynamics, American Institute of Aeronautics and Astronautics, and Northwestern University, Biennial Gas Dynamics Symposium, 6th, Evanston, Ill., August 25-27, 1965, Proceedings. 14 p2361 A67-29034
Abel integral inverter. 16 p2634 A67-31428
- ANDERSON, W. A.**
Instrument for lunar surface chemical analysis. [JPL-TR-32-1065] 05 p0805 A67-16463
Suggested requirements for military helicopter gas turbine engine operating characteristics. 16 p2736 A67-30929
- ANDERSON, W. J.**
Experiments with hydrodynamic journal bearings of various materials and designs in sodium at temperatures to 800 deg F. 03 p0428 A67-13227
Supersonic wind-tunnel tests of wavy-walled cylinders. 08 p1277 A67-20588
Effect of the space environment on lubricants and rolling element bearings. 21 p3633 A67-38143
Experiments with hydrodynamic journal bearings of various materials and designs in sodium at temperatures to 800 deg F. [ASLE PAPER 67-LC-7] 24 p4164 A67-42746
- ANDERSON, W. M.**
Shock structure calculations by an orthogonal expansion method. 13 p2103 A67-26976
Diffraction of an incomplete expansion wave by a corner. 21 p3564 A67-37929
- ANDERSSON, L. O.**
Temperature variation of La super 139 nuclear quadrupole resonance in LaF sub 3. 01 p0129 A67-10149
- ANDO, K.**
A high resolution echelle monochromator and its application to ion temperature measurement of He plasma. 04 p0663 A67-14767
Instability of electron-hole plasma pinch in longitudinal magnetic fields. 10 p1683 A67-22760
- ANDO, S.**
Idealized ground-effect wing. 01 p0006 A67-10809
Limitation of lifting line theory for wing having very small chordwise gap. 09 p1437 A67-21739
- ANDO, T.**
A solid state matrix display employing gallium phosphide diodes. 05 p0771 A67-16313
- ANDRADE, O.**
High-gain laser lines in noble gases. 20 p3460 A67-36859
- ANDRE-TALAMON, T.**
Wave propagation of thermal energy in gases /La propagation par ondes de l'energie thermique dans les gaz/. 17 p2968 A67-32221
- ANDRE, B.**
Planar transistor stability under X-ray irradiation /Stabilite des transistors a structure plane soumis a l'action des rayons X/. 03 p0387 A67-13996
Degradations caused by surface effects in components with a plane structure subjected to the action of low-energy X rays /Degradations provoques par des effets de surface dans les composants a structure plane soumis a l'action des rayons X de faible energie/. 17 p2919 A67-32856
- ANDRE, S. N.**
Gain limits of electronically despun antennas for communication satellites. [AIAA PAPER 66-325] 06 p0987 A67-17686
- ANDREATCH, P., JR.**
Third-order elastic moduli of gallium arsenide. 17 p2922 A67-33057
- ANDREEV, A. A.**
Band structure of lead telluride and measurements of the Hall effect at high temperatures /O zonnol strukture tellurida svintsia iz izmerenii effekta Kholla pri vysokikh temperaturakh/. 12 p1983 A67-25513
Parameters for a model of two valence bands of SnTe according to Hall effect measurements at high temperatures /Parametry modeli dvukh valentnykh zon dla SnTe iz izmerenii effekta Kholla pri vysokikh temperaturakh/. 15 p2537 A67-29709
Determination of the band structure of lead telluride from the measurements of the Hall effect at high temperatures. 18 p3103 A67-34444

- Parameters of a model of two valence bands for SnTe from measurements of the Hall effect at high temperatures. 24 p4200 A67-41779
- ANDREEV, A. D.**
High-frequency discharge in an annular electrode /Vysokochastotnyy razriad vnutri kol'tsevoogo elektroda/. 01 p0122 A67-10348
High-frequency discharge in a ring electrode. 11 p1844 A67-25021
- ANDREEV, A. F.**
Sound absorption in the intermediate state of superconductors. 03 p0502 A67-14377
Electrodynamics of the intermediate-state superconductor /Elektrodinamika promezhutochnogo sostoyaniya sverkhprovodnikov/. 05 p0863 A67-16695
Wave resistance of superconductors in the intermediate state /Volnovoe soprotivleniye sverkhprovodnikov v promezhutochnom sostoyanii/. 14 p2375 A67-29079
Electrodynamics of the intermediate state. 15 p2539 A67-29866
- ANDREEV, A. L.**
Titanium alloy ingots /Slitki titanovykh splavov/. 03 p0447 A67-13925
- ANDREEV, I. V.**
Average wave field in a medium with random inhomogeneities. 08 p1294 A67-20814
- ANDREEV, L. V.**
Stability of a cylindrical shell under uniform external load applied to a portion of its length /Ob ustoychivosti tsilindricheskoi obolochki, nagruzhennoi ravnomernym vneshnim davleniem na chasti ee dliny/. 12 p2020 A67-25572
Experimental investigation of the stability of cylindrical shells under nonuniform load /Eksperimental'noye issledovanie ustoychivosti tsilindricheskikh obolochek pri delstviy neravnomernogo davleniya/. 12 p2020 A67-25573
- ANDREEV, M. I.**
The use of a tunnel diode connected in parallel with a backward diode in pulsed systems. 03 p0381 A67-13585
Analysis of coupled mutually loaded tunnel diodes /Analiz pary vzaimno nagruzhennykh tunnel'nykh diodov/. 09 p1473 A67-21963
Analysis of a pair of mutually loaded tunnel diodes. 20 p3400 A67-37193
- ANDREEV, N. I.**
Systems self-adjusting to the least mean-square error. 20 p3410 A67-37227
- ANDREEV, O. N.**
Investigation of the strength of titanium alloys by bending techniques at 600 deg /Issledovanie prochnosti titanovykh splavov metodom izгиба pri 600 deg/. 07 p1207 A67-19288
Determination of the heat resistance of titanium alloys. 12 p1955 A67-25366
- ANDREEV, S. D.**
Direct solar radiation up to 30 km and stratification of attenuation components in the stratosphere. 07 p1170 A67-19390
- ANDREEV, V. B.**
Difference schemes with decomposing operators for general p-dimensional second-order parabolic equations with mixed derivatives /O raznostnykh skhemakh s rasscheplyalushchimsya operatorom dlia obshchikh p-mernykh parabolicheskikh uravnenii vtorogo poriadka so smeshannymi proizvodnymi/. 13 p2149 A67-27614
- ANDREEV, V. D.**
On the equations of the unperturbed work of an inertial system determining curvilinear coordinates. 03 p0465 A67-13617
On the theory of a pendulum gyroscopic system, satisfying the conditions of M. Schuler. 06 p1002 A67-18042
On the solution of the Stokes problem for an equipotential surface specified in the form of a spheroid. 11 p1812 A67-24162
Theory of inertial navigation - Avtonomnye sistemy/. 11 p1817 A67-24513
- ANDREEV, V. S.**
Experimental study of tunnel-diode oscillators /Eksperimental'noye issledovanie generatorov na tunnel'nykh diodakh/. 12 p1917 A67-26098
Calculation of the main power characteristics of tunnel diode oscillators. 15 p2443 A67-29285
Design of tunnel diode oscillators from averaged characteristics /Raschet generatorov na tunnel'nykh diodakh po usrednennym kharakteristikam/. 16 p2637 A67-31028
- ANDREEVA, A. F.**
Silicon microdiode matrices /Kremnevye mikrodiodnye matritsy/. 22 p3769 A67-39580
- ANDREEVA, L. A.**
Determination of wind velocities and diffusion coefficients with the aid of an artificial luminescent cloud /Opredeleniye skorosti vetra i koeffitsienta diffuzii s pomoshch'yu iskusstvennogo svetlashchegosia oblaka/. 10 p1675 A67-22795
Determination of wind velocity and of the diffusion coefficient by means of an artificial luminescent cloud. 24 p4181 A67-42131
- ANDREEVA, L. E.**
Numerical solution of the problem of large deflections of a corrugated diaphragm /Chislennoe resheniye zadachi o bol'shikh progibakh gofirovannoi membrany/. 21 p3717 A67-37977
- ANDREEVA, N. G.**
Mechanism of metallic contact formation in SAP type alloys. 07 p1208 A67-19303
- ANDREEVA, S. I.**
Sporadic E layer and magnetic activity /Sporadicheskiy sloi E i magnitnaya aktivnost'/. 16 p2669 A67-31905
- ANDREEVA, T. V.**
Nature of the thermal conductivity of the carbides of some group IV and V transition metals /O prirode teploprovodnosti karbidov nekotorykh perekhodnykh metallov IV i V grupp/. 11 p1804 A67-23902
- ANDREONE, V. M.**
Digital tester okays Apollo's altimeter. 14 p2318 A67-28291
- ANDRES, K.**
Metallic conductivity and superconductivity in some silver clathrate salts. 01 p0135 A67-10917
- ANDRES, R. J.**
Some characteristics of lithium-drifted silicon structures. 23 p4044 A67-41456
- ANDRES, R. P.**
Studies of low density supersonic jets. 14 p2301 A67-28183
Rotational relaxation of molecular nitrogen. 16 p2705 A67-31757
- ANDRES, V. TS.**
Influence of crossed electric and magnetic fields on the quasi-liquefaction process of solid particles by a conducting fluid /Vliyanie skreshchennykh elektricheskogo i magnitnogo polei na protsess psevdoozhzhzheniya tverdykh chastits provodiashchego zhidkosti/. 01 p0121 A67-10189
- ANDRESCIANI, V.**
Characterization of photovoltaic cells with emphasis on the determination of quantum efficiency /Caratterizzazione di celle fotovoltaiche con particolare riferimento alla determinazione della efficienza quantica/. 20 p3362 A67-38240
- ANDREW, A.**
An analysis of non-uniform proton irradiation damage in silicon solar cells. 02 p0182 A67-11882
Breakdown of dielectrics due to pulsed electrons. 04 p0659 A67-15699
- ANDREW, B. H.**
An upper limit to circularly polarized radiation from the Crab Nebula. 19 p3316 A67-35802
- ANDREW, G. M.**
Stability derivatives by rheoelectric analog. 03 p0354 A67-12918
Determination of subsonic drag rise by limit line analysis in the hodograph plane. [AIAA PAPER 67-4] 06 p0938 A67-18248
Determination of subsonic drag rise by hodograph plane analysis. [AIAA PAPER 67-4] 13 p2051 A67-27599
- ANDREW, K. L.**
Vacuum ultraviolet wavelength standards and improved energy levels in the first spectrum of silicon. 11 p1822 A67-24417
Zeeman effect and configuration interaction in germanium. 16 p2733 A67-31876
Spectra of the noble gases in the 4- μ region. 18 p3082 A67-33876
A least-squares deconvolution technique for the photoelectric Fabry-Perot spectrometer. 23 p4002 A67-41262
- ANDREW, L. V.**
Unsteady aerodynamic forces on a thin wing oscillating in transonic flow. [AIAA PAPER 67-16] 06 p0943 A67-18841
- ANDREWS, C. A.**
Adaptive data compression. 11 p1756 A67-24709
Analysis and simulation of data compression techniques. 14 p2275 A67-28683
- ANDREWS, C. W.**
Effects of hydrostatic pressure on terminal structure and mechanical behavior of beryllium. 11 p1805 A67-24110
- ANDREWS, D.**
The place of the aerospace transporter in European space programme - Recommendations. 15 p2567 A67-29839
- ANDREWS, E. H.**
Destruction of silicon nitride whiskers by reaction with metals at high temperatures. 03 p0445 A67-13528
- ANDREWS, F. C.**
Macroscopic approach to reciprocal relations in irreversible thermodynamics. 07 p1268 A67-19574
- ANDREWS, J. C.**
Fast-response total thermal radiation detectors. 11 p1790 A67-24454
Measurements of the total radiant intensity of air. [AIAA PAPER 67-311] 12 p2036 A67-26026
- ANDREWS, J. M.**
Electrophoretic deposition of ferrite for computer stores. 22 p3812 A67-39915
- ANDREWS, M. K.**
Changes in the topside ionosphere during a large magnetic storm. 20 p3427 A67-36305
- ANDREWS, R. C.**
Range-safety and tracking systems. 04 p0577 A67-15729
- ANDREWS, W. G.**
Heat sterilizable solid propellant motor designs for interplanetary missions. [AIAA PAPER 66-973] 02 p0304 A67-12295
Heat-sterilizable solid propellant motor designs for interplanetary missions. 13 p2188 A67-26833
- ANDRIANKIN, E. I.**
Piercing of shields by meteorites. 11 p1869 A67-24076
On certain self-similar motions of gas in the presence of shock and detonation in a medium of varying density. 18 p3028 A67-34273
- ANDRIANOV, I. U. G.**
Statistical characteristics of the earth's radiation into space at wavelengths ranging from 7 to 26 μ /Statisticheskie kharakteristiki izlucheniya zemli v kosmos v diapazone dlin voln 7-26 μ /. 13 p2668 A67-31887
The spectral composition of the infrared earth's radiation into the space according to the results of measurements from the artificial earth's satellites. 19 p3219 A67-35253
- ANDRIENKO, A. IA.**
Statistical optimization method for nonlinear sampled-data automatic control systems /Metod statisticheskoi optimizatsii nelineynykh impul'snykh sistem avtomaticheskogo upravleniya/. 23 p3985 A67-41673
- ANDRIENKO, V. A.**
Convergence rate of orthogonal series /O bystrote skhodimosti ortogonal'nykh riadov/. 09 p1524 A67-21911
- ANDRIEVSKII, A. N.**
Investigation of shock initiation to detonation in nitromethane. 06 p1112 A67-17953
- ANDRIEVSKII, R. A.**
Melting temperature of the ZrC-HfC, TaC-ZrC, and TaC-HfC systems /Temperatura plavleniya v sistemakh ZrC-HfC, TaC-ZrC, TaC-HfC/. 09 p1518 A67-21879
- ANDRIUKHINA, E. D.**
Effect of a strong magnetic field on the performance of a titanium plasma source /Vliyanie sil'nogo magnitnogo polya na rabotu titanovogo istochnika plazmy/. 02 p0278 A67-12622
Effect of a strong magnetic field on the operation of a titanium plasma source. 13 p2170 A67-27378
Nonlinear effects during the operation of a titanium plasma source /Nelineinye yavleniya pri rabote titanovogo istochnika plazmy/. 15 p2529 A67-29719
Study of a titanium plasma source. II /Issledovanie titanovogo istochnika plazmy. II/. 17 p2904 A67-32913
Magnetic cut-off system for a plasma jet. 20 p3497 A67-36679
- ANDRIUSHCHENKO, V. A.**
Electronic and semiconductor devices of a

- servosystem /Elektronnyye i poluprovodnikovye ustroystva slediashego privoda/. 20 p3406 A67-37700
- ANDRIUSHCHENKO, V. M.
Final deformations of turbodynamic disks /Konechnyye deformatsii diskov turbomashin/. 19 p3234 A67-34880
- ANDRIUSHKEVICH, M. B.
Some results of an experimental study of the heat transfer in the discharge chamber of a plasmatron during the action of a magnetic field and a vortical gas flow on the arc /Nekotorye rezul'taty eksperimental'nogo issledovaniya teploobmena v razriadnoi kamere plazmatrona pri vozdel'stvi na dugu magnitnym polem i vikhrevym gazovym potokom/. 24 p4098 A67-42250
- ANDRONIKASHVILI, E. L.
Damping of oscillations of a type two superconductor in a magnetic field. 20 p3505 A67-36203
Report on the performance of the Tskhra-Tskaro facility, and preliminary data on the free path of nuclear-active particles with energies from 10 super 11 to 10 super 12 ev in carbon /Soobshchenie o rabote ustanovki "Tskhra-Tskaro" i predvaritel'nye dannyye o svobodnom probege laderno-aktivnykh chastits s energiei 10 super 11 -10 super 12 ev v uglerode/. 24 p4219 A67-42845
- ANDRONOV, A. A.
Qualitative theory of second-order dynamic systems /Kachestvennaya teoriya dinamicheskikh sistem vtorogo poriadka/. 03 p0390 A67-13109
Antenna /probe/ impedance and noise in a space plasma. 14 p2279 A67-27856
- ANDRONOV, D. P.
Heat resistance of chromium steels subjected to prolonged tests. 06 p1018 A67-18228
- ANDRONOV, I. S.
Noise immunity of coherent-summing diversity reception. 01 p0024 A67-10718
Noise immunity of a diversity-reception method. 10 p1607 A67-23447
- ANDRONOVA, I. A.
Experimental investigation of the dispersion characteristics of a light amplifier at a wavelength of 3.39 mu /Eksperimental'noe issledovanie dispersionnykh kharakteristik usilitella sveta na volnu 3.39 mk/. 02 p0191 A67-11576
Fluctuations in the radiation intensity and frequency of a laser /Fluktuatsii intensivnosti i chastoty izlucheniya opticheskogo generatora/. 22 p3815 A67-39738
- ANDROPOV, V. G.
Experimental study of the characteristics of an arc discharge in a transverse magnetic field /Eksperimental'noe issledovanie kharakteristik dugovogo razlada v opoerechnom magnitnom pole/. 16 p2710 A67-30524
- ANDROULAKIS, J. G.
The development and test of a low to moderately high temperature emissometer. [AIAA PAPER 67-299] 12 p1946 A67-26014
- ANDRUSHKO, L. M.
Characteristic admittances of waveguide filters. 22 p3770 A67-39662
- ANDRZEJ, J.
Axial compression of a cylindrical shell with simultaneous application of internal pressure /Sciskanie osiowe powloki cylindrycznej z rownoczesnym cisnieniem wewnetrznym/. 05 p0917 A67-16246
- ANFIMOV, A. V.
Nonsinusoidal current oscillations in n-type zinc-compensated silicon /Nesinusoidal'nye kolebaniya toka v kremnii n-tipa, kompensirovannom tslnkom/. 04 p0679 A67-15142
Nonsinusoidal current oscillations in n-type silicon compensated with zinc. 12 p1979 A67-25165
Nonlinear effects in zinc-compensated n-type silicon /Nelineinye efekty v kremnii n-tipa, kompensirovannom tslnkom/. 13 p2172 A67-26356
Nonlinear effects in n-type silicon compensated with zinc. 21 p3679 A67-38313
- ANGEHR, J. A.
A statistical method for computing launch vehicle loads. 22 p3907 A67-40178
- ANGELAKOS, D. J.
Modifications on the axial-mode helical antenna. 13 p2076 A67-26514
- ANGELEIKO, V. V.
Radiation by a charged particle, moving in a spiral line through the surface of the interface of two dielectrics /Ob izluchenii zaryazhennoi chastitsy, dvizhushchiesia po vintovoi linii cherez poverkhnost' razdela dvukh dielektrikov/. 15 p2520 A67-29714
- ANGELINO, G.
Liquid-phase compression gas turbine for space power applications. 07 p1131 A67-19366
- ANGELOV, N. S.
Investigation of the generation of rho super plus and n super ' super plus super plus resonances in the pi super plus p goes to pi super plus p pi super 0 reaction at a pi super plus meson momentum of 2.34 Gev/c /Issledovanie rozhdeniya rezonansov rho super plus i n super ' super plus super plus v reaktcii pi super plus p goes to pi super plus p pi super 0 pri impul'se pi super plus -mezonov 2.34 Gev/c. 24 p4193 A67-42856
- ANGER, C. D.
Review of rocket auroral measurements. 18 p3034 A67-33592
Morphology of electron precipitation during auroral substorms. 20 p3431 A67-37100
- ANGIBOUST, R.
Psychosociological problems of small isolated groups working under extreme conditions /Problemes psychosociologiques des petits groupes isoles travaillant dans des conditions extremes/. 02 p0185 A67-12374
Development of the aspects of the EEG during a task of visual surveillance performed at night /Evolution des aspects E.E.G. au cours d'une tache de surveillance visuelle effectuee de nuit/. 04 p0561 A67-14627
- ANGRIST, S. W.
The effect of a transverse magnetic field on the thermoelectric properties of polycrystalline bismuth-antimony alloys. [ASME PAPER 66-WA/ENER-4] 04 p0682 A67-15368
- ANIKEEVA, I. D.
Chlorella on board Cosmos 110 /Khlorella na bortu "Kosmosa-110"/. 13 p2060 A67-27336
- ANIKIEV, IU. G.
Efficiency of the optical system of a solid-state laser with cathode luminescent pumping. 24 p4169 A67-42892
- ANIMALU, A. O. E.
Electronic structure of Ca, Sr, and Ba under pressure. 10 p1682 A67-23399
- ANISHCHENKO, R. I.
Mean internal potential of the indium antimonide lattice /O srednem vnutrennem potentsiale reshetki antimonida india/. 18 p3095 A67-33442
- ANISIMOV, A. I.
Absorption of electromagnetic waves in a plasma at frequencies near harmonics of the electron cyclotron frequency. 20 p3498 A67-36692
Microwave production of a plasma in a trap. 23 p4035 A67-41684
- ANISIMOV, A. M.
Axisymmetrical oscillations of a fluid in a cylindrical shell /Osesimmetrichnye kolebaniya zhidkosti v tsilindricheskoi obolochke/. 21 p3613 A67-38789
- ANISIMOV, S. I.
Diffusion in binary systems in a critical state. 04 p0727 A67-15683
Effect of powerful light fluxes on metals. 08 p1337 A67-20856
Self-similar solutions for the problem of recombination plasma decay /Avtomodel'nye resheniya zadachi o rekombinatsionnom raspade plazmy/. 15 p2531 A67-30011
Automodel solutions of the problem relating to the recombination decay of plasma. 20 p3502 A67-37536
- ANISIMOV, V. E.
Interpretation of double-probe volt-ampere characteristics obtained in flames at near-atmospheric pressures /Rasshifrovka dvukhzondovykh volt-ampernykh kharakteristik, poluchennykh v plameni pri davlenniakh, blizkikh k atmosfernomu/. 08 p1428 A67-21428
- ANISIMOV, V. F.
Experimental determination of the coordinates of distant satellites with the aid of a TV system /Opyt opredeleniya koordinat dalekikh sputnikov s pomoshch'yu televizionnoi sistemy/. 16 p2621 A67-30683
- ANISIMOV, V. I.
Certain features of the calculation of the zero-level drift of transistorized DC amplifiers /Nekotorye osobennosti rascheta dreifa nulevogo urovnia tranzistornykh usilitel' postoiannogo usilitel' postoiannogo
- toka/. 06 p0970 A67-18172
- ANITOV, I. S.
Combined effect of plastic deformation and aging on the structure and properties of the titanium alloy TC6 /Sovmestnoe vliyanie plasticheskoi deformatsii i starenia na strukturu i svoystva titanovogo splava TC6/. 04 p0640 A67-15976
Study of the effect of nickel, silicon, and niobium on the oxidation of titanium at high temperatures /Izuchenie vliyania nikelia, kremniia i niobia na okislenie titana pri vysokikh temperaturakh/. 07 p1205 A67-19275
- ANITOVA, E. V.
Investigation of a Tacitron type of discharge /Issledovanie tastronnoi formy razlada/. 19 p3282 A67-35160
- ANKENBRUCK, H. O.
An approach to penetration cost effectiveness evaluation. [AIAA PAPER 66-782] 01 p0169 A67-10528
- ANKUT, P. P.
Effect of the speed of deformation on structural changes in titanium /O vlianii skorosti deformatsii na izmenenie struktury titana/. 07 p1209 A67-19735
- ANLAUF, K. G.
Vibrational population-inversion and stimulated emission from the continuous-mixing of chemical reagents. 09 p1511 A67-21746
- ANLIKER, M.
The dispersion of waves in blood vessels. 11 p1748 A67-23990
- ANNAKA, S.
Intensity anomaly of X-ray Compton and thermal scatterings accompanying the Bragg reflections from perfect Si and Ge crystals. 01 p0132 A67-10456
- ANNAMAMEDOV, R. A.
Thermal and elastic properties of a number of ternary diamond-like semiconductor compounds /Teplovyie i uprugie svoystva riada troinykhalmazopodobnykh poluprovodnikov soedinenii/. 18 p3096 A67-33452
- ANNELL, C.
Comparison of Macedon and Darwin glass. 24 p4233 A67-42615
- ANNELL, C. S.
Martha's Vineyard and selected Georgia tektites - New chemical data. 09 p1569 A67-22687
- ANNIN, B. D.
Existence and uniqueness of the solution of the elastic-plastic torsion problem for a cylindrical bar of oval cross-section. 03 p0524 A67-13622
Compound load machine with automatic stressed state programming /Mashina na slozhnoe nagruzhenie s avtomaticheskimi programmirovaniem napriazhennogo sostoiannya/. 06 p1107 A67-18639
- ANNIN, G. D.
The influence of piloted flight simulator studies on the design of the SST instruments. 13 p2154 A67-27289
- ANNIS, J. F.
Controlled cooling during high rates of work. 23 p3965 A67-41562
Undercooling and overcooling with liquid cooling garments. 23 p3970 A67-41655
- ANNO, T.
The linear servomotor - Study of the operating unit for servosystems moving rectilinearly. 08 p1286 A67-20992
- ANNONI, H.
Some preliminary results concerning heavy cosmic ions in ionographic emulsions exposed in a satellite /Quelques resultats preliminaires concernant les ions lourds cosmiques dans des emulsions ionographiques exposees en satellite/. 12 p1999 A67-25829
Heavy cosmic ions obtained in ionospheric emulsions exposed in a polar satellite /Ions lourds cosmiques obtenus dans des emulsions ionographiques exposees en satellite polaire/. 12 p1999 A67-25830
- ANOROV, V. P.
Maximum principle for processes with constraints of general type. II /Printsip maksimuma dlia protsessov s ogranicheniami obshchego vida. II/. 15 p2455 A67-29119
- ANOSHKIN, N. F.
Titanium alloy ingots /Slitki titanovykh splavov/. 03 p0447 A67-13925
- ANSARI, J. S.
Propagation of disturbance in fluid lines. [ASME PAPER 66-WA/AUT-24] 17 p2835 A67-32017

ANSELL, G. S.

The influence of a second-phase interface on the work hardening behavior of an aluminum-5 atomic percent silver alloy. 01 p0092 A67-10055

Creep mechanisms and their role in the sintering of metal powders. 01 p0096 A67-10692

Oxide growth in a Al-Al sub 2 O sub 3 SAP-type alloy by hot stage transmission electron microscopy. 04 p0635 A67-14513

Effect of dissolved hydrogen on the fatigue behavior of an Al-Al sub 2 O sub 3 SAP-type alloy. 06 p1013 A67-17796

A thermal stabilization of austenite. 06 p1014 A67-17801

The high-temperature steady-state creep of pure silver and internally oxidized silver-magnesium alloys. 06 p1014 A67-17805

Dielectric aging and microstructure in the system BaTiO sub 3 -CaTiO sub 3. 06 p1020 A67-18047

ANSELM, A. I.

Quantum theory of the Nernst-Ettingshausen effect in semiconductors /Kvantovaya teoriya efekta Nernsta-Ettingssauzena v poluprovodnikakh/. 09 p1554 A67-21970

Quantum theory of the Nernst-Ettingshausen effect in semiconductors. 17 p2923 A67-33307

ANSHAKOV, A. S.

Investigation of fluctuations in a plasmatron with self-adjusting arc /Issledovanie pul'satsii v plazmotrone s samoustanavlivalushchiesia dugol/. 11 p1843 A67-24971

Dynamic characteristics of an alternating-current arc in a plasmatron /O dinamicheskoi kharakteristike dugi peremennogo toka v plazmatrone/. 18 p3088 A67-34058

ANSPACH, T. E.

Implementation of air data computers with solid state transducing and computing techniques. 01 p0029 A67-10667

ANSPACH, W. F.

Development of self-sealant techniques for micrometeoroid protection of aerospace vehicles. 10 p1673 A67-23748

ANTAKOV, I. I.

Use of induced cyclotron emission of electrons in the generation and amplification of high-power electromagnetic oscillations /Primenenie indutsirovannogo tsiklotronnogo izlucheniya elektronov dlia generirovaniya i usileniya elektromagnitnykh kolebaniy bol'shoi moshchnosti/. 05 p0824 A67-18915

Application of induced cyclotron radiation of electrons for the generation and amplification of high-powered electromagnetic waves. 16 p2685 A67-30892

ANTALOVA, A.

The photospheric situation connected with the development of flares accompanied by the type IV radio bursts. 12 p1992 A67-25130

ANTCLIFFE, G. A.

Magnetoresistance studies of HgTe at low temperatures. 06 p1065 A67-18948

ANTEBI, J.

Computer analysis of the F-111 wing assembly. 03 p0525 A67-13967

ANTELL, G. R.

Double diffused gallium arsenide transistor. 10 p1617 A67-23537

ANTHONY, A. M.

New ceramics based on monoclinic zirconia. 18 p3099 A67-33709

Control in hot surface channels for open cycle M.H.D. generators. 24 p4106 A67-42526

ANTHONY, A.-M.

Semiconducting properties of lanthanum chromite /Sur les proprietes semiconductrices du chromite de lanthane/. 15 p2535 A67-29478

ANTHONY, M. L.

An analytic investigation of the escape problem using tangential thrust. [AAS PAPER 66-120] 07 p1254 A67-19979

American Astronautical Society, Space Flight Mechanics Specialist Symposium, University of Denver, Denver, Colo., July 6-8, 1966, Papers. 13 p2206 A67-27515

An analytic investigation of the escape problem using tangential thrust. [AAS PAPER 66-120] 13 p2209 A67-27534

ANTIDZE, T. T.

Effect of underheating on the development of a boiling crisis in two-phase nonequilibrium flows /Vliyanie nedogreva na razvitiye krizisa kipeniya v neravnovesnykh

dvukhfaznykh potokakh/. 10 p1732 A67-23018

ANTIPENKOV, I. I.

Antenna with a limited excitation region /Antennas s ogranichennoi oblast'iu vzbuzhdeniya/. 04 p0583 A67-15148

Antenna with a limited excitation region. 15 p2443 A67-29335

ANTIPOV, B. A.

Experimental investigation of the absorption of the emission from a 1.15-mu gas laser in the atmosphere /Eksperimental'noe issledovanie pogloshcheniya izlucheniya gazovogo lazera s dlinoi volny 1,15 mk v atmosfere/. 20 p3386 A67-37606

Experimental investigation of the absorption of the radiation of gas lasers with wavelengths of 3.39 and 3.51 mu in the atmosphere /Eksperimental'noe issledovanie pogloshcheniya izlucheniya gazovykh lazerov s dlinami voln 3,39 i 3,51 mkm v atmosfere/. 20 p3463 A67-37668

ANTIPOV, V. V.

Ensuring radiation safety during flights of the spaceships "Voskhod" and "Voskhod 2" /Obespechenie radiatsionnoi bezopasnosti pri poletakh korabeli "Voskhod" i "Voskhod-2"/. 02 p0308 A67-12321

Effect of the factors of cosmic flight of the satellite ship Voskhod on the Microspore tradescantia Paludosa. 07 p1133 A67-19109

The use of radioprotective drugs in space-flight conditions. 12 p1902 A67-25654

Remote responses of the hemopoietic tissue to proton and X-ray irradiation under acceleration /Otdalennye reaktsii krovetvornoi tkani na obлучenie protonami i Kh-luchami v kombinatsii s gravitatsionnymi nagruzkami/. 13 p2057 A67-26458

Further study of the effect of space-flight conditions on the chromosomes of primary embryonic radicles in the seeds of certain higher plants /Dal'neishee izuchenie vliyaniya usloviy kosmicheskogo poleta na khromosomy pervichnykh koreshkov zarodyshel v semenakh nekotorykh vysshikh rasteniy/. 13 p2061 A67-27344

Provision for radiation safety in flights of "Voskhod" and "Voskhod-2". 14 p2256 A67-27863

Biological investigations on the "Voskhod" and "Voskhod-2" space-ships. 14 p2254 A67-27864

State of reactivity of an organism under the complex effect of several space flight factors /Sostoiyanie reaktivnosti organizma pri kompleksnom vozdeistvii nekotorykh faktorov kosmicheskogo poleta/. 16 p2611 A67-30765

Further investigations of the complex effect of ionizing radiation and accelerations on an organism in association with space flights /Dal'neishee issledovanie kompleksnogo vozdeistviya na organizm ioniziruyushchego izlucheniya i uskorenii v svyazi s kosmicheskimi poletami/. 24 p4113 A67-42393

ANTMAN, S. S. Dynamical theory of hyperelastic rods. 03 p0522 A67-13391

ANTOLIN, J.

Dislocations in beryllium - Twinning and deformation by climbing /Les dislocations dans le beryllium - Maclage et deformation par montee/. 07 p1210 A67-20163

Investigations on some deformation modes of beryllium. 11 p1810 A67-25093

Electron-microscope study of the cold-working and tempering of beryllium single crystals /Etude au microscope electronique de l'ecrouissage et de la trempe du beryllium monocristallin/. 13 p2138 A67-27117

ANTON, I.

Determination of the sensitivity to cavitation of a cascade of hydrofoils of arbitrary shape. 20 p3419 A67-36188

ANTONCIK, E.

Quantum efficiency and overlap integrals in InSb. 23 p4040 A67-41061

ANTONENKO, M. G.

Investigation of the operational reliability of high-power-level ferrite devices /Issledovanie ekspluatatsionnoi nadezhnosti ferritovykh ustroystv vysokogo urovnya moshchnosti /UVUM/. 04 p0579 A67-14455

Operational reliability of high-power ferrite devices. 15 p2443 A67-29292

ANTONETS, E. V.

Simulation of certain nonlinear dependences with the aid of magnetic

devices /Modelirovaniye nekotorykh nelineynykh zavisimostei s pomoshch'yu magnitnykh ustroystv/. 09 p1496 A67-22032

ANTONIAK, C. E.

Distribution-free detection in radar with multiple resolution elements. 15 p2436 A67-29933

ANTONIEWICZ, P. R.

Helicon-phonon interaction in a multi-valley semiconductor. 06 p1071 A67-18991

ANTONIUK, M. P.

Gas exchange between man and a microalgae culture during a 30-day experiment /Gazobmen mezhdu chelovekom i kul'turoi mikrovdorodisel v 30-sutochnom eksperimente/. 24 p4114 A67-41845

ANTONOFF, M. M.

Spin waves in a two-band ferromagnetic metal. 13 p2178 A67-27138

ANTONOV, A. A.

New method of deriving simple, intrinsically correlated formulas for the temperature dependence of the thermodynamic properties of polyatomic gases /Novyi metod vyvoda prostykh vnutrenne soglasovannykh formul zavisimosti termodinamicheskikh svoystv mnogoatomnykh gazov ot temperatury/. 16 p2704 A67-31391

ANTONOV, A. M.

Analysis of hypersonic gas flow past blunt bodies. 11 p1741 A67-24156

Analytical solution of the problem of a hypersonic gas flow past a plane ogival body /Analiticheskoe reshenie zadachi obtekanila ploskogo ozhival'nogo tela giperzvukovym potokom gaza/. 17 p2791 A67-32868

ANTONOV, A. S.

Electrophotographic method of determining the diffusion coefficient for lithium in p-type silicon /Elektrofotograficheskii metod opredeleniya koefitsienta diffuzii litia v kremnii p-tipa/. 01 p0127 A67-10061

Distribution of impurities and the variation of electric field in the drift region of silicon p-i-n detectors. 02 p0296 A67-11823

An electrophotographic method for determining the diffusion coefficient of lithium in p-type silicon. 08 p1371 A67-21447

ANTONOV, O. E.

Optimal reception of binary signals on a background of non-Gaussian noise /Ob optimal'nom prieme binarnykh signalov na fone negaussovykh pomekh/. 24 p4122 A67-42377

ANTONOV, O. G.

Optimal-regime conditions of a generating device with self-parametric frequency multiplication in the ultrasonic range /Ob usloviyakh optimal'nogo rezhima generatsionnogo ustroystva s avtoparametricheskimi umnozheniem chastoty v ultrazvukovom diapazone/. 06 p0970 A67-18171

ANTONOV, R. A.

Comparison of experimental data concerning the development of extensive atmospheric showers in the upper part of the atmosphere with the results of calculations /Sopostavleniye eksperimental'nykh dannykh o razvitiy shirokikh atmosferynykh liven v verkhnei chastli atmosfery s rezul'tatami raschetov/. 02 p0318 A67-12764

Investigation of the reactions of nucleons with an energy of greater than 10 super 14 ev /Issledovanie vzaimodeistviy nuklonov s energiei bol'she priblizitel'no 10 super 14 ev/. 02 p0318 A67-12765

Comparison of experimental data on development of extensive air showers in the upper atmosphere with the results of calculations. 22 p3876 A67-40266

Investigation of the interaction of greater than 10 super 14 ev nucleons. 22 p3876 A67-40267

ANTONOV, V. B.

Study of the thermoelectric properties of a GeTe-GeSe solid solution /Issledovanie termoelektricheskikh svoystv tverdogo rastvora GeTe-GeSe/. 07 p1231 A67-19164

Nature of conductivity and the valence band structure in some germanium-telluride-based solid solutions /K voprosu o prirode provodimosti i strukture valentnoi zony v nekotorykh tverdykh rastvorakh na osnove tellurida germaniya/. 16 p2730 A67-31164

ANTONOVA, L. A.

The results of measurements of electron fluxes in the upper atmosphere of the middle latitudes at altitudes of 200-500

- km. 10 p1701 A67-23219
- ANTONOVA, T. D.**
Observations of fluctuations in the radio intensity of the quasi-stellar source 3C 48 produced by nonuniformities in the interplanetary plasma. 03 p0509 A67-13204
Observations of the fluctuations of radio sources on inhomogeneities of interplanetary plasma /Nabludenila mertsanila radioistochnikov na neodnorodnostyakh mezhplanetnoi plazmy/. 20 p3529 A67-37514
- ANTONOVA, V. A.**
Investigation of the structure of metal films by electron-diffraction and electron-microscope techniques /Untersuchung der Struktur metallischer Schichten nach dem elektronenmikroskopischen und Elektronenbeugungs-Messverfahren/. 02 p0285 A67-11705
- ANTONTSEV, S. N.**
Riemann-Hilbert boundary-value problem with discontinuous boundary conditions for quasi-linear elliptic systems of equations /Kraevaya zadacha Rimana-Gil'berta s razryvnymi granichnymi usloviyami dlia kvazilineynykh ellipticheskikh sistem uravnenii/. 21 p3651 A67-37930
- ANTOSHCHENKO, A. S.**
Some results of medical supervision of the state of the cosmonauts P. I. Belyaev and A. A. Leonov during training and orbital flight. 11 p1748 A67-24080
- ANTROPOV, A. E.**
Investigation of the radiation resistance of silicon semiconductor detectors when irradiated by protons with an energy of 2.3 Mev /Issledovanie radiatsionnoi stolnosti kremnievnykh poluprovodnikovyykh detektorov pri obлучenii protonami s energiei 2,3 Mev/. 21 p3628 A67-38596
- ANTROPOV, E. T.**
Probabilities of electron-oscillatory transfers in diatomic molecules /Veroyatnosti elektronno-kolebatel'nykh perekhodov v dvukhatomnykh molekulakh/. 03 p0471 A67-13314
Probability of electron-vibrational transitions in diatomic molecules. 16 p2703 A67-30490
- ANTROPOV, V. A.**
Diffraction of electromagnetic and acoustic waves at a smooth convex body /Difraktsiya elektromagnitnykh i akusticheskikh voln na gladkom vypuklom tele/. 21 p3579 A67-38108
- ANTSIFEROV, V. V.**
A method of narrowing the emission spectrum of a ruby laser /Ob odnom metode suzheniya spektra izlucheniya okg na rubine/. 19 p3241 A67-36023
- ANTSILEVICH, M. G.**
Ionospheric flux system of the initial phase of the geomagnetic storm of September 4, 1957 /Ionosfernaya tokovaya sistema nachal'noi fazy geomagnitnoi buri 4 Sentyabrya 1957 g./. 05 p0802 A67-17148
Duration of the initial stage of a geomagnetic storm /Dlitenost' nachal'noi fazy geomagnitnoi buri/. 14 p2308 A67-27929
Ionospheric current system of the initial phase of the geomagnetic storm of September 4, 1957. 21 p3619 A67-38490
- ANUFRIEV, I. U. P.**
Some special features of the method of testing graphite for fatigue in alternate-reversing bending, and the results obtained. 04 p0641 A67-14599
- ANUPYLD, A. I. U.**
On second breakdown and relaxation oscillations in point contact diodes. 03 p0386 A67-13964
- ANZEL, B. M.**
Synchronous satellite station-keeping. 06 p1094 A67-17679
Determination of the Pacific equilibrium point for a stationary orbit. [AIAA PAPER 67-91] 06 p1086 A67-18338
Determination of the Pacific equilibrium point for a stationary orbit. [AIAA PAPER 67-91] 22 p3886 A67-40085
- ANZON, Z. V.**
Certain specific features of inelastic pi N collisions for a 17 Gev/c momentum /Nekotorye osobennosti pi N-neuprugikh soudarenii pri impul'se 17 Gev/c/. 24 p4192 A67-42853
- AOKI, H.**
Convective heat transfer in an annulus with an inner rotating cylinder. 20 p3543 A67-36422
- AOKI, I.**
On the tensile plastic instability in axi-symmetric deformation of sheet metals. 04 p0710 A67-14976
- AOKI, M.**
Optimization of Stochastic Systems. 15 p2459 A67-30024
Control of large scale dynamic systems by aggregation. 16 p2847 A67-31845
Estimation of the state vector of a linear stochastic system with a constrained estimator. 24 p4135 A67-42185
- AOKI, T.**
Asynchronous delta-modulation system. 10 p1606 A67-23063
Moving high-field domain and current saturation in optically excited n-InSb. 21 p3683 A67-38404
- AOKI, Y.**
Light rays in lens-like media. 06 p1033 A67-18534
Imaging property of a gas lens. 09 p1498 A67-22083
- AONO, Y.**
On the oscillation characteristics of the microwave Gunn-effect oscillator. 10 p1609 A67-22838
- AOYAGI, S.**
Combustion characteristics and ballistic performance of dual-layer propellant grains for end-burning type rocket motors. 05 p0872 A67-16589
- AOYAMA, I.**
Rocket measurements of ionospheric Sq currents. 05 p0799 A67-16871
Frequency analysis of the geomagnetic pulsations. 11 p1786 A67-24332
- APANASENKO, A. V.**
Investigation of the reactions of nucleons with an energy of greater than 10 super 14 ev /Issledovanie vzaimodelstviy nuklonov s energiei bol'she priblizitel'no 10 super 14 ev/. 02 p0316 A67-12765
Investigation of the interaction of greater than 10 super 14 ev nucleons. 22 p3876 A67-40267
Studies of interactions of nucleons of energies of approximately 10 super 14 ev /Issledovaniya vzaimodelstviy nuklonov s energiei priblizitel'no 10 super 14 ev/. 24 p4218 A67-42836
- APANASENKO, Z. I.**
Combined effects of space-flight factors on certain functions of the body /Kombinirovannyye vozdeystviya faktorov kosmicheskogo poleta na nekotorye funktsii organizma/. 01 p0015 A67-10336
Effect of space-flight factors on the functional state of the vestibular analyzer - Review of the literature /Vliyanie faktorov kosmicheskogo poleta na funktsional'noe sostoyanie vestibularnogo analizatora - Obzor literatury/. 23 p3943 A67-40764
Effect of precentrifugation on the radiation reactions of the vestibular analyzer /Vliyanie predvaritel'nogo tsentrifugirovaniya na lucheveye reaktsii vestibularnogo analizatora/. 23 p3944 A67-40773
- APEL, J. R.**
Experiments on wave interactions between plasma and an electron stream in a magnetic field. 19 p3291 A67-35382
Harmonic generation and turbulence-like spectrum in a beam-plasma interaction. 22 p3847 A67-39615
- APIN, A. IA.**
The chemical reaction mechanism in the detonation of explosives. 04 p0723 A67-15197
- APODACA, D. R.**
Static and fatigue properties of repair welded aluminum and magnesium premium quality castings. 08 p1333 A67-20360
- APOLLONSKII, S. M.**
Boundary layer on an insulator wall and its effect on the parameters of MHD devices /Pogranichnyi sloi na izolatornoi stenke i ego vliyanie na parametry MGD-ustroystv/. 06 p1043 A67-18673
Necessity of taking into account the variable electrical conductivity of a plasma in calculations of leakage currents on the insulating walls in MHD channels /O neobkhodimosti ucheta peremennoi elektroprovodimosti plazmy pri raschetakh tokov peretekanija na izolatornykh stenkakh v MGD-kanalakh/. 18 p3088 A67-34061
Influence of the boundary conditions along the center of the flow on the characteristics of the wall boundary layer of a low-temperature plasma in MHD channels /O vliyanii granichnykh uslovii po ladru potoka na kharakteristiki pristenochnogo pogranichnogo sloia nizkoterperaturnoi plazmy v MGD-kanalakh/. 21 p3665 A67-38241
- APOROVICH, A. F.**
The accuracy of carrier-frequency measurement by a panoramic radio receiver /Tochnost' izmereniya nesushchei chastoty panoramnym radiopriemnikom/. 22 p3772 A67-39871
- APOSTOLATOS, N.**
Integrability and integration of overdetermined systems of partial differential equations /Integrabilitet und Integration ueberbestimmter Systeme partieller Differentialgleichungen/. 21 p3654 A67-39095
- APPARAO, M. V. K.**
Upper limit on the abundance of antiprotons in the low energy galactic cosmic radiation. 20 p3518 A67-36872
Production of X-radiation in the Crab Nebula. 23 p4051 A67-40914
- APPEL-HANSEN, J.**
A Van Atta reflector consisting of half-wave dipoles. 03 p0384 A67-13846
- APPEL, J.**
Superconductivity in pseudoferroelectrics. 03 p0491 A67-13259
Effect of localized and resonant impurity modes on energy gap and transition temperature of isotropic superconductors. 14 p2370 A67-28720
- APPELBAUM, J. A.**
Exchange model of zero-bias tunneling anomalies. 10 p1691 A67-23400
Microscopic theory of tunneling anomalies. 21 p3682 A67-38385
Exchange character of the Anderson Hamiltonian. 22 p3861 A67-39994
- APPELDOORN, J. K.**
Lubricity of jet fuels. 01 p0139 A67-10602
Lubricity of jet fuels. [SAE PAPER 660712] 12 p1988 A67-26163
- APPENZELER, I.**
Center-to-limb variations of the intensity and the wavelength of several Fraunhofer lines along the sun's polar and equatorial diameter. 11 p1861 A67-24492
MK spectral types for 185 bright stars. 14 p2387 A67-28560
A new polarimeter for faint astronomical objects. 14 p2319 A67-28563
Polarization of the Taurus infrared source. 19 p3330 A67-36081
Polarimetric observations of 14 quasi-stellar objects. 19 p3331 A67-36083
True polarization curves for Beta Lyrae. 20 p3528 A67-37471
- APPELBAUM, D. C.**
Some comments on the Venus temperature. 04 p0699 A67-14952
- APPLEWHITE, P. B.**
The micrometazoa as model systems for studying the physiology of memory. 20 p3369 A67-36657
- APPLEY, K. E.**
On the question of M incentive contracting. 18 p3163 A67-34700
- APSHEV, S. ZH.**
Investigation of the effective cross section of the production of lambda super 0, K super 0 sub 1, and sigma super plus minus particles during interactions between cosmic rays and nuclei of carbon, copper, tin, and lead /Issledovanie effektivnogo poperechnogo sечeniya obrazovaniya lambda super 0, K super 0 sub 1 - i sigma super plus minus chastits v protsessakh vzaimodelstviya kosmicheskikh luchei s iadrami ugleroda, medi, olova i svintsa/. 24 p4220 A67-42851
- APTEK, I. U. E.**
Self-excited quartz oscillator with low fluctuation level. 03 p0378 A67-13289
- APTER, H.**
Remarks on Bellman's and Pontriagin's optimal-control methods /Uwagi o metodach sterowania optymalnego Bellmana i Pontriagina/. 18 p3018 A67-34284
- APUSHKINSKII, G. P.**
The use of interferometers for observations along the base line. 24 p4129 A67-42227
- AQUA, E. N.**
Fauting in cold worked Ta-10 percent Re and W-20 percent Re. 02 p0256 A67-12701
- ARAI, H.**
Convective heat transfer in an annulus with an inner rotating cylinder. 20 p3543 A67-36422
- ARAI, T.**
Relation of laser induced ion energy to laser power. 10 p1667 A67-23793

- Measurement of thermal diffusivity by laser pulse. 21 p3640 A67-38262
Ion emission from metal surface irradiated by giant-pulse laser beam. 23 p4015 A67-41035
- ARAKAKI, L.**
VLF propagation across the geomagnetic anomaly during S.I.D.s. 24 p4149 A67-42067
- ARAKAWA, T.**
Thermodynamic properties of extended chain polymethylene single crystals. 20 p3474 A67-37398
- ARAKELIAN, V. S.**
Determination of the diffusion coefficient for an electrically active impurity in a semiconductor from electrical conductivity variations during the successive removal of layers /Opredelenie koeffitsienta diffuzii elektricheskoi aktivnoi primesli v poluprovodnikakh po izmeneniiu elektroprovodnosti pri posledovatel'nom sniatii sloev/. 03 p0498 A67-13841
Study of the effect of the specific radioactivity of the Sb super 124 isotope on the diffusion of antimony in germanium /Issledovanie villanii udel'noi radioaktivnosti izotopa Sb super 124 na diffuziiu sur'my v germanii/. 03 p0500 A67-14067
- ARAMA, O.**
Current investigations concerning the Ch. de la Vallee Poussin equation in association with polylocal problem in the theory of differential equations /Quelques recherches actuelles concernant l'equation de Ch. de la Vallee Poussin relative au probleme polylocal dans la theorie des equations differentielles/. 13 p2147 A67-27467
- ARAMS, F.**
Far-infrared laser power measurements. 11 p1801 A67-24715
Superconducting high-Q radio-frequency circuit using niobium stannide above 4.2 deg K. 11 p1767 A67-24726
- ARAMS, F. R.**
Ionization-enhanced microwave resonance emission from model-rocket exhausts. 20 p3543 A67-36233
High circuit Q's with niobium stannide at radio frequencies. 22 p3865 A67-40435
- ARANDJELOVIC, V.**
Numerical solution of the steady-state electric properties of transistors. 20 p3400 A67-37216
- ARAO, M.**
Nonairbreathing internal combustion engine. 24 p4107 A67-42533
- ARAVIN, G. S.**
Theoretical methods for observing the quenching of the chemical and electron processes in low-temperature plasma flows /Teoreticheskie metody issledovaniia zakalki khimicheskikh i elektronnykh protsessov v nizkoterperaturnykh plazmennyykh struklakh/. 17 p2896 A67-32169
- ARBEL, A. F.**
Multistage transistorized current modules. 03 p0386 A67-13977
- ARBUZOV, M. P.**
Study of the structure of the ordered solid solution in an alnico-titanium alloy /Izuchenie struktury uporiadocheniia tverdogo rastvora v splave al'niko s titanom/. 02 p0254 A67-11864
Use of X-rays to study the atomic scattering factors of the components of titanium carbide and the defect concentration of its structure. 07 p1208 A67-19306
X-ray diffraction analysis of the structural transformations in the alloy Alnico with titanium. 19 p3245 A67-35467
Structural X-ray diffraction study of the compound Ni sub 3 Al alloyed with Ti, Cr and W. 20 p3467 A67-37116
- ARCAS, A. L.**
Study of the motion in a rail plasma accelerator /Estudio del movimiento en un acelerador de plasma de ralles/. 03 p0477 A67-13509
- ARCHAMBAULT, Y.**
Effect of gaseous impurities on the conductivity of an alkaline plasma /Influence d'impuretes gazeuses sur la conductivite d'un plasma alcalin/. 16 p2710 A67-30520
- ARCHBOLD, E.**
The application of holography to the comparison of cylinder bores. 17 p2864 A67-33388
- ARCHER, J. L.**
Chemical vapor deposition of epitaxial YIG on YAG and epitaxial GdIG on YAG. 15 p2539 A67-29824
- ARCHER, R. D.**
Direct diabatic hydraulic analogy. 04 p0604 A67-14838
Evolution of the supersonic shape. 22 p3746 A67-39883
- ARCHER, R. J.**
The quantum efficiency of electroluminescence in gallium arsenide diodes. 10 p1614 A67-23524
- ARCHIBALD, D. R.**
Maximum product /system/ effectiveness for specified cost. 01 p0170 A67-10630
[SAE PAPER 680730]
- ARCHIBALD, F. R.**
The Rayleigh step bearing applied to a gas-lubricated journal of finite length. [ASME PAPER 65-WA/LUB-2] 08 p1335 A67-20917
- ARCHIBALD, T. G.**
The stereospecific addition of organophosphides to terminal alkynes. 04 p0565 A67-14522
Reaction of diphenylacetylene with organophosphides - A stereospecific synthesis of vinyl phosphines. 04 p0565 A67-14523
- ARCISZEWSKI, H.**
Transistor cut-off frequencies /Frequencies de coupure des transistors/. 13 p2077 A67-26659
- ARDELL, A. J.**
On the modulated structure of aged Ni-Al alloys. appendix - On the elastic interaction between inclusions. 01 p0092 A67-10056
- ARDILL, R. W. B.**
The hyperfine structure of the 2p super 2 P levels of lithium. 24 p4190 A67-42097
- ARDUINI, C.**
The structural configuration of the San Marco satellite. 03 p0517 A67-12900
Mechanical and structural computation of flexible antennas or appendages on board artificial satellites /Calcolo meccanico-strutturale di antenne o appendici flessibili a bordo di satelliti artificiali/. 08 p1410 A67-20786
- ARECCHI, E. T.**
Statistics of the laser radiation at threshold. 18 p3098 A67-33522
- ARECCHI, F. T.**
Photocount distributions and field statistics. 05 p0815 A67-16624
Statistical properties of coherent radiation /Proprieta statistiche della radiazione coerente/. 11 p1799 A67-24106
Dynamics of the laser radiation at threshold. 21 p3640 A67-38355
- AREFEV, B. O.**
Determination of the time constant of nonlinear controlled plants /Viznachennia staloi chasu nelineinikh ob'ektiv reguliuvannia/. 06 p0976 A67-18240
- AREFEVA, A. V.**
Results of a radar study of the wind regime in the meteor zone. 13 p2110 A67-26552
- ARENDT, A.**
Characteristics of the switching behaviour of diodes and transistors. 15 p2449 A67-29803
- ARENDT, P. R.**
Criterion for application of the differential Doppler method. 05 p0764 A67-16930
- ARENS, W.**
Transmission methods /Uebertragungsverfahren/. 07 p1141 A67-19339
Transmission methods in satellite communications /Uebertragungsverfahren bei Satellitenverbindungen/. 09 p1463 A67-21758
- ARENS, W. E.**
Sterilization of magnetic-tape recorders used in spacecraft /Uerhajokban alkalimazott magnok sterilizalasa/. 19 p3230 A67-35583
- ARENSTORF, R. F.**
Recent developments in analytical celestial mechanics. 08 p1384 A67-20619
A new method of perturbation theory and its applications to periodic motions in the restricted problem of three bodies. 15 p2560 A67-30040
- ARENZ, R. J.**
The mechanical and optical characterization of a Solthane 113 composition. 11 p1811 A67-24615
- ARES, M.**
Optimum burst waveforms for detection of targets in uniform range-extended clutter. 07 p1145 A67-19880
- ARGENCE, E.**
Ion mass spectrometers with magnetic deviation and their applications to the study of the ionosphere /Spectrometres de masse ionique a deviation magnetique et leurs applications a l'etude de l'ionosphere/. 21 p3628 A67-38657
- ARGENT, B. B.**
The interdiffusion of niobium and molybdenum. 01 p0100 A67-10767
The tensile strength of niobium-molybdenum alloys. 19 p3246 A67-35730
- ARGO, H. V.**
Observations of solar wind plasma changes across the bow shock. 13 p2190 A67-26320
- ARGON, A. S.**
Statistical theory of the tensile strength of laminates. 03 p0522 A67-13442
Statistical theory of strength of laminated composites. 08 p1346 A67-20915
Plastic accommodation at micro stress concentrations. 16 p2775 A67-31326
- ARGUNOV, P. P.**
Investigation of the catadioptric telescope at the Odessa astronomical observatory /Issledovanie katadioptricheskogo teleskopa na Odesskol astronomicheskoi observatorii/. 17 p2855 A67-32327
- ARGYLE, B. E.**
Magnetic and optical properties of transparent RbNiF sub 3. 12 p1984 A67-25747
- ARGYLE, E.**
Optical environment in Gemini space flights. 06 p1089 A67-18647
- ARGYRIS, J. H.**
A tapered trim 6 element for the matrix displacement method. 04 p0707 A67-14441
The TRIAX 6 element for axisymmetric analysis by the matrix displacement method. 05 p0922 A67-17105
A look into the future - How computers will influence engineering. 13 p2073 A67-27189
Triangular elements with linearly varying strain for the matrix displacement method. 20 p3535 A67-36196
- ARGYROPOULOS, G. S.**
Ohm's law in multicomponent nonisothermal plasmas with temperature and pressure gradients. 05 p0857 A67-17422
Influence of nonuniformities, thermal diffusion, boundary layers and finite reaction rates in nonequilibrium J X B devices. [AIAA PAPER 67-715] 21 p3673 A67-38741
- ARIARATNAM, S. T.**
Dynamic snap-through of shallow arches under stochastic loads. 10 p1725 A67-23711
Dynamic stability of a column under random loading. 14 p2397 A67-28091
- ARIAS, A.**
Effect of inclusions on grain growth of oxides. 04 p0642 A67-15086
- ARIEL, N. Z.**
Determination of the ratio of the Lagrange and Euler correlation scales in the surface boundary layer of the atmosphere /Opredelenie sootnosheniia masshtabov Lagranzhevoi i Eilerovoi korreliatsii v prizemnom sloe atmosfery/. 03 p0464 A67-14229
The determination of the relation between the Lagrange and Euler scale correlations in the lower layer of the atmosphere. 12 p1964 A67-25485
- ARIFOV, A.**
Contact effects in semiconductors and solubility /Kontaktnye iavleniia v poluprovodnikakh i rastvorimost'/. 21 p3682 A67-38364
- ARIFOV, L. IA.**
Rate of propagation of the front of an electromagnetic wave and a gravity wave /K voprosu o skorosti fronta elektromagnitnoi i gravitatsionnoi voln/. 20 p3486 A67-37554
- ARIFOV, U. A.**
Scattering of alkali ions from the surface of tungsten single crystals /Rasseianie shchelochnykh ionov poverkhnosti'u monokristalla vol'frama/. 06 p1036 A67-18424
Energy distribution of the electrons emitted from alkali halide films under bombardment with He super plus and Ar super plus ions. 13 p2177 A67-27074
Solar thermoelectric generator with cylindrical solar-energy receiver /Solnechnyi termogenerator s tsilindricheskim gellopriemnikom/. 18 p2990 A67-34491
- ARIMOTO, S.**
On a multi-stage nonlinear programming problem. 07 p1163 A67-20276
- ARISTOV, A. I.**
Experimental investigation of the Hall

- effect in a low-temperature plasma under variable-sign magnetic-field conditions /Eksperimental'noe issledovanie lavleni Kholla v nikotemperaturnoi plazme v uslovnykh znakopereennogo magnitnogo polia/. 01 p0120 A67-10175
- Experimental investigation of the Hall effect in a low-temperature plasma in a nonhomogeneous magnetic field /Eksperimental'noe issledovanie efekta Kholla v nizkotemperaturnoi plazme v neodnorodnom magnitnom pole/. 09 p1541 A67-21803
- ARISTOV, A. V.**
Luminescence of a europium chelate solution during intensive pulsed excitation /Svechenie rastvora kelata evropila pri intensivnom impul'snom vozbuзhenii/. 03 p0433 A67-12894
- ARIYASU, T.**
Self-absorption of radiation in a high-temperature plasma jet. 05 p0851 A67-16522
- ARIZUMA, T.**
Propagation characteristics in the waveguide loaded with a cylindrical semiconductor rod. 12 p1918 A67-26222
- ARIZUMI, T.**
Thermodynamical consideration for the preparation of GaAs-Ge heterojunctions through closed tube process. 02 p0296 A67-11767
- Effect of magnetic field on density distribution of injected plasma in semiconductor rods. 09 p1552 A67-21761
- Decrease of built-in voltage in tunnel diodes caused by irradiation. 09 p1471 A67-21764
- Moving high-field domain and current saturation in optically excited n-InSb. 21 p3683 A67-38404
- Junction potential in irradiated tunnel diodes. 22 p3767 A67-39369
- ARKADEV, B. A.**
A note on free convection in turbine cavities. 24 p4255 A67-42588
- ARKADVEV, B. A.**
Heating of a flanged joint. 16 p2766 A67-31205
- ARKHANGELSKII, G. E.**
Colour centres in ruby crystals. 20 p3506 A67-36223
- ARKHANGELSKII, I. U. A.**
Solid body motion about a stationary point fixed at the earth's surface /O dvizhenii tverdogo tela vokrug nepodvizhnoi tochk, zakreplennoi na poverkhnosti zemli/. 02 p0267 A67-11961
- First transcendental integrals of the equations of motion of a heavy solid body around a fixed point. 04 p0659 A67-15756
- On the motion of a rigid body about a stationary point fixed on the earth's surface. 17 p2886 A67-33278
- ARKHANGELSKII, S. I.**
Damping of oscillations in different metals. 15 p2504 A67-29970
- ARKHAROV, V. I.**
Deposition of an Nb sub 3 Sn layer on a wire from the gas phase /Polucheniye sloia Nb sub 3 Sn na provoloke osazhdeniem iz gazovoi fazy/. 03 p0500 A67-14065
- Producing a layer of Nb sub 3 Sn on a wire by deposition from the gas phase. 13 p2185 A67-27721
- ARKHIPOVA, A. M.**
Threshold characteristics of photoresistors on a base of cadmium sulfide single crystals /Porogovye kharakteristiki fotorezistorov na osnove monokristallov sul'fida kadmila/. 07 p1152 A67-19592
- Threshold characteristics of single crystal cadmium sulfide photoresistors. 20 p3401 A67-37331
- ARKOVENKO, G. I.**
Variation of stress relaxation of titanium alloys as a function of the conditions of deformation at high temperatures. 12 p1955 A67-25368
- ARLOWE, H. D.**
Onboard signal conditioning for piezoelectric accelerometers. 23 p4005 A67-41372
- ARLT, M.**
Sound absorption in liquid N sub 2 O sub 4 by relaxation of the dissociation equilibrium /Schallabsorption in fluessigem N sub 2 O sub 4 infolge Relaxation des Dissoziationsgleichgewichts/. 01 p0019 A67-10841
- ARM, M.**
Real-time electrooptical signal processors with coherent detection. 19 p3197 A67-35687
- ARMBRUSTER, R.**
Fast resolution curve obtained using a surface-barrier semiconductor as a detector in an alpha-gamma coincidence experiment /Courbe de resolution prompte obtenue a l'aide d'un detecteur a semiconducteur du type barriere de surface dans une experience de coïncidences alpha-gamma/. 01 p0066 A67-10657
- ARMEN, H., JR.**
Discrete element methods for the plastic analysis of structures subjected to cyclic loading. 10 p1725 A67-23713
- ARMENAKAS, A. E.**
Propagation of harmonic waves in composite circular cylindrical shells. I. 10 p1717 A67-23127
- On the accuracy of some dynamic shell theories. 23 p4074 A67-40630
- ARMENDARIZ, M.**
Wind shear for small thickness layers. [AIAA PAPER 66-352] 05 p0838 A67-17304
- Determination of a representative wind profile from balloon data. 16 p2668 A67-31742
- Surface wind sampling for unguided rocket impact prediction. 17 p2880 A67-32551
- ARMIENTO, D. F.**
Crack resistance properties of high strength aluminum alloys. 16 p2688 A67-31308
- ARMSTRONG, B. H.**
Extended use of the Coulomb approximation - Mean powers of r, a sum rule, and improved transition integrals. 01 p0112 A67-10142
- Opacity of high-temperature air. 20 p3485 A67-36930
- ARMSTRONG, E.**
Image transfer. 08 p1334 A67-20743
- Plating. 08 p1334 A67-20744
- Etching. 08 p1334 A67-20745
- ARMSTRONG, E. B.**
Observation of the airglow H sub alpha emission. 17 p2851 A67-33202
- ARMSTRONG, E. K.**
Recent blade vibration techniques. [ASME PAPER 66-WA/GT-14] 04 p0712 A67-15369
- Vibration in cylindrical shafts. 12 p1949 A67-25411
- Fatigue life of compressor blading. 12 p2014 A67-25413
- Natural frequencies of bladed discs. 12 p2014 A67-25417
- Recent blade vibration techniques. [ASME PAPER 66-WA/GT-14] 18 p3115 A67-34132
- ARMSTRONG, G. T.**
The heats of combustion of polytetrafluoroethylene /teflon/ and graphite in elemental fluorine. 15 p2433 A67-29765
- The heat of formation of boron trifluoride by direct combination of the elements. 16 p2620 A67-31762
- Heats of formation of aluminum diboride and alpha-aluminum dodecaboride. 22 p3758 A67-39766
- ARMSTRONG, H. H.**
Large stiffened cylinder weight - Cost comparisons between Be-38 percent Al and other materials. 08 p1424 A67-21521
- ARMSTRONG, H. L.**
Weighing the moon. 01 p0148 A67-10506
- ARMSTRONG, J. A.**
Measurement of picosecond laser pulse widths. 07 p1234 A67-20097
- ARMSTRONG, J. E.**
Flight evaluation of simple liquid transport cooling system for aircrewmembers. 23 p3966 A67-41581
- ARMSTRONG, J. F.**
Electrode current saturation in MHD ducts. 01 p0126 A67-11186
- MHD generator operation as affected by electrode current saturation. 16 p2601 A67-30550
- ARMSTRONG, P. E.**
Temperature dependence of the elastic constants of molybdenum. 11 p1809 A67-24908
- Temperature dependence of Young's modulus of a Ta-W-Hf alloy. 12 p1954 A67-25141
- ARMSTRONG, R. C.**
Life support systems on the moon. 02 p0230 A67-12310
- ARMSTRONG, R. J.**
The temperature difference in nucleate boiling. 04 p0721 A67-14645
- ARMSTRONG, R. S.**
Subsonic aerodynamic performance of nozzle installations in supersonic airplanes. [AIAA PAPER 67-452] 18 p2963 A67-33926
- ARMSTRONG, T. P.**
Simultaneous observations of solar protons inside and outside the magnetosphere. 16 p2740 A67-31626
- Numerical studies of the nonlinear Vlasov equation. 18 p3092 A67-34747
- ARNAUD, J.**
Triperiodic multiwire lines /Les lignes multifilaires tri-periodiques/. 03 p0387 A67-14094
- ARNAUDON, J.-F.**
Wall streamlines on a circular cone at an angle of incidence in a supersonic flow /Lignes de courant parietales sur un cone circulaire en incidence dans un ecoulement supersonique/. 13 p2049 A67-28591
- Distribution of the convection coefficient on a cone at an angle of attack in a supersonic flow /Repartition du coefficient de convection sur un cone en incidence dans un ecoulement supersonique/. 17 p2791 A67-32702
- ARNESSEN, G.**
Aircraft noise measurement, evaluation and control. 04 p0551 A67-14591
- ARNESSEN, W. T.**
Flow and thrust measurement of pulsating rockets. 03 p0396 A67-13774
- ARNETT, D.**
Mass dependence in gravitational collapse of stellar cores. 15 p2553 A67-29183
- ARNETT, G. M.**
Electron paramagnetic resonance of photosensitive donors in ZnO. 06 p1054 A67-18832
- ARNETT, W. D.**
Gravitational collapse and weak interactions. 03 p0516 A67-14340
- Nucleosynthesis in supernova shock waves. 18 p3136 A67-34726
- Supernova hydrodynamics and nucleosynthesis. 22 p3882 A67-39622
- ARNOFF, S.**
Deaggregation of chlorophyll a by xanthophylls. 09 p1454 A67-21990
- ARNOLD, C. R.**
Further developments in the photography of two-phase gas-liquid flow. 16 p2671 A67-30840
- ARNOLD, E.**
Effect of surface states on electron mobility in silicon surface-inversion layers. 03 p0496 A67-13577
- ARNOLD, J. E.**
Surface catalytic effects on heat flux measurements. 15 p2468 A67-30154
- Applications of laser photography to hyperthermal wind tunnel ablation testing. 23 p4006 A67-41380
- ARNOLD, J. O.**
Experimental and theoretical investigations of the chemical kinetics and nonequilibrium CN radiation behind shock waves in CO sub 2 - N sub 2 mixtures. [AIAA PAPER 67-322] 12 p1930 A67-26037
- Calculation of molecular band spectra assuming a Gaussian line profile. 23 p4030 A67-41695
- ARNOLD, J. R.**
Effects of cosmic rays on meteorites. 14 p2380 A67-27968
- ARNOLD, K.**
An attempt to determine the unknown parts of the earth's gravitation field from successive satellite passages. 10 p1636 A67-23180
- An additional condition in determining the earth's potential field from satellite observations /Eine Zusatzbedingung bei der Bestimmung des Potentialfeldes der Erde aus Satellitenbeobachtungen/. 13 p2116 A67-27395
- The use of satellites for geodetic studies. 21 p3820 A67-38520
- Analytical integration of perturbations in satellite orbits produced by gravity anomalies /Analytische Integration der durch die Schwereanomalien hervorgerufenen Satellitenbahnstörungen/. 24 p4237 A67-42686
- ARNOLD, K. O.**
Investigation in lift gain of a flapped wing through use of wing-slot suction /Untersuchungen ueber die Auftriebserhoehung eines Klappenfluegels durch Schlitzabsaugung/. 10 p1590 A67-22917
- ARNOLD, K. W.**
Development planning for a planetary entry vehicle. [AAS PAPER 66-57] 07 p1259 A67-19994

- LM cathode electron-bombardment thrusters.
[AIAA PAPER 67-667] 21 p3690 A67-38701
- ARNOLD, P. G.
Spin-disorder resistivity measurements in Gd-Yt alloys. 22 p3863 A67-40203
- ARNOLD, R. P.
An automated method of computing aeroelastic body loads. 08 p1405 A67-20505
- ARNOLD, R. T.
Pyroelectric hot spots. 02 p0299 A67-11893
- ARNOLD, S. J.
Some reactions forming O sub 2 /super 1 sigma super plus sub g/ in the upper atmosphere. 16 p2670 A67-31918
- ARNOLD, V. I.
A priori estimate of the theory of hydrodynamic stability /Ob odnoi apriornoi otsenke teorii gidrodinamicheskoi ustoiichivosti/. 03 p0402 A67-12883
Variational principle for three-dimensional steady-state flows of an ideal fluid. 03 p0402 A67-13618
- ARNOLD, W. V.
Discussion of ten basic aerial delivery methods. 17 p2796 A67-32519
- ARNOLDOV, M. N.
State of the impurities in cesium utilized in thermionic converters /Sostoianie primessel v tsezi, ispol'zuemom v termoemissionnom preobrazovatele/. 16 p2609 A67-31399
- ARNOLDY, R. L.
A study of energetic solar flare X-rays. 23 p4060 A67-41232
- ARNUTZ, F.
Electroabsorption in rutile /TiO sub 2/. 01 p0131 A67-10339
- ARNY, T.
The influence of rotation and pressure gradients on fragmentation in collapsing clouds. 22 p3893 A67-40501
- ARO, T. O.
Attempted microwave measurement of temperature of a shock-heated plasma. 21 p3660 A67-37741
- AROSTY, J.
The hypersonic viscous shock layer with mass transfer. 22 p3743 A67-40417
- ARON, J. D.
Real-time systems in perspective. 23 p3976 A67-41056
- ARON, P. R.
Critical surfaces for commercial Nb sub 3 Sn ribbon and Nb sub 25 a/o Zr wire. 20 p3512 A67-37346
- ARONOV, A. G.
Optical absorption, tunnel current and diagonal tunneling in crossed electric and magnetic fields. 06 p1069 A67-18978
Light absorption in semiconductors in crossed electric and magnetic fields. 10 p1693 A67-23590
Obtaining a falling voltage-current characteristic in semiconductors in crossed electric and magnetic fields by short circuiting the transverse Hall field. 15 p2534 A67-29359
- ARONOV, D. A.
Theory of the reactive properties of semiconductor p-n-n super plus structures at high injection levels /K teorii reaktivnykh svoystv poluprovodnikovyykh p-n-n super plus - Struktur pri vysokikh urovniakh inzhetsii/. 06 p1049 A67-17866
Theory of the reactive properties of junctions in p-n-n super plus structures at high injection levels /K teorii reaktivnykh svoystv perekhodov v p-n-n super plus - strukturakh pri vysokikh urovniakh inzhetsii/. 06 p1049 A67-17868
Theory of static characteristics of four-layer p super plus -n-nu-n super plus diode structures /K teorii staticheskikh kharakteristik chetyrekhslonnykh p super plus -n-nu-n super plus -diodnikh struktur/. 08 p1303 A67-21054
Active and reactive components of the total resistance of p-n-n super plus structures at high injection levels in the current region j sub o approximately exp/eV/2kT/ /Aktivnaia i reaktivnaia sostavialushchie polnogo soprotivleniia p-n-n super plus-struktur pri vysokikh urovniakh inzhetsii v oblasti tokov j sub o approximately exp/eV/2kT//. 13 p2081 A67-27278
Study of the inductive properties of p-n-n super plus diodes with a minimum distribution of steady-state carrier concentration in the base. I /Issledovanie induktivnykh svoystv p-n-n super plus -diodov s minimumom raspredeleniia statsionarnoi kontsentratsii nositelei toka v baze. I/. 13 p2182 A67-27282
- ARONOV, F. A.
A new method for phasing a multielement antenna array using discrete phase shifters. 05 p0778 A67-17159
- ARONOWITZ, F.
Zeeman discharge tube frequency monitor. 11 p1801 A67-24664
- ARONSON, A. IA.
Effects of production process inaccuracies on the frequencies of turboengine vane oscillations /Vliianie otklonenii v izgotovlenii na chastoty kolebani lopatok turbomashin/. 07 p1261 A67-19134
An approximate method for determining oscillation frequencies of plates with variable thickness /Ob odnom priblizhennom sposobe opredeleniia chastot kolebani plastin peremennoi tolshchiny/. 12 p2021 A67-25574
- ARONSON, D. G.
A maximum principle for nonlinear parabolic equations. 20 p3475 A67-36502
- ARONSON, E. A.
The imperfectly conducting cylindrical transmitting antenna - Numerical results. 02 p0210 A67-11591
On the driving point impedance of an asymmetrical dipole. 03 p0385 A67-13861
Resistive receiving and scattering antenna. 16 p2638 A67-31338
On digital computer solutions of Fredholm integral equations of the first and second kind occurring in antenna theory. 23 p3981 A67-41208
- ARONSON, I.
Variational lower bounds on electron hydrogen S-wave phase shifts. 07 p1226 A67-19499
Static Green's function for elastic electron-hydrogen scattering and resonances. 22 p3839 A67-39204
- ARONSON, J. R.
Far-infrared studies of silicate minerals. [AIAA PAPER 65-668] 03 p0508 A67-13048
Studies of the middle-and far-infrared spectra of mineral surfaces for application in remote compositional mapping of the moon and planets. 08 p1385 A67-20934
A model for planetary igneous differentiation. 17 p2942 A67-32387
- ARONSON, M.
Research in simulation techniques for training. [ASME PAPER 66-WA/AV-3] 04 p0599 A67-15396
- ARONSON, P. M.
Interaction of a plasma cloud with the earth's magnetosphere. 15 p2476 A67-29625
Technique for studying oblique shock-on-shock interactions in free flight. 21 p3607 A67-37776
- ARORA, A. K.
Nonlinear demodulation of an amplitude-modulated electromagnetic wave in a plasma. 20 p3499 A67-36992
- ARORA, K. L.
Stability of hydromagnetic flows. III. 24 p4198 A67-42693
- ARORA, M. K.
A problem of vertical distribution of mechanical wave energy in the atmosphere. 21 p3655 A67-39088
- AROSHIDZE, G. M.
Relation between S sub q variations and drift in the ionosphere /Sviaz' S sub q - variatsii drefla v ionosfere/. 16 p2669 A67-31908
- AROUZALLAH, M.
Passage of stochastic input through a class of nonlinear systems. 08 p1308 A67-20324
- ARP, H.
Peculiar galaxies and radio sources. 14 p2388 A67-28830
- ARPACI, V. S.
Conduction heat transfer. 03 p0535 A67-13075
Suddenly pressurized elastomagneto-hydrodynamic flow. 03 p0483 A67-14035
Variational formulation of transformed diffusion problems. [ASME PAPER 67-HT-77] 20 p3551 A67-36755
- ARPIGNY, C.
Comments on the identification of the emission feature observed by Koz'yev in the crater Alphonsus. 20 p3528 A67-37470
- ARQUES, P.-Y.
Experimental study of some statistical properties of threshold overshooting by a random function /Etude experimentale de certaines proprietes statistiques des depassements d'un seuil par une fonction aleatoire/. 04 p0657 A67-14888
- ARRATHOON, R.
Modes in unstable optical resonators and lens waveguides. 15 p2497 A67-29391
- ARRIDGE, R. G. C.
The freeze-coating of filaments. 12 p1954 A67-25292
- ARRINGTON, J. P.
Effect of two-dimensional multiple-wave distortions on the heat transfer to a wall in hypersonic flow. [AIAA PAPER 67-164] 06 p1115 A67-18294
Flare-stabilization problems at hypersonic Mach numbers. 08 p1275 A67-20499
Heat transfer to wavy wall in hypersonic flow. [AIAA PAPER 67-164] 21 p3732 A67-38855
- ARSENAULT, R. J.
Effect of purity and temperature on dynamic microstrain of niobium /columbium/. 20 p3469 A67-37385
- ARSENEVA, M. A.
Combined effects of space-flight factors on certain functions of the body /Kombinirovannye vozdeistviia faktorov kosmicheskogo poleta na nekotorye funktsii organizma/. 01 p0015 A67-10336
- ARSEN, K. A.
Diffusion and solubility of cadmium in indium arsenide /Diffuziia i rastvorimost' kadmia v arsenide indii/. 01 p0128 A67-10082
Diffusion and solubility of cadmium in indium arsenide. 08 p1371 A67-21459
- ARSENIAN, T. I.
Study of space-time correlation dependencies for an ultrashort-wave radio signal with a near-ground path /Issledovanie prostranstvenno-vremennykh korrelyatsionnykh svyazei radiosignala UKV na prizemnoi trassee/. 13 p2067 A67-26688
A study of the space-time correlational relationships of an ultra-shortwave radio signal on a terrestrial course. 21 p3582 A67-38430
- ARSENIN, V. V.
Flute instability of a cylinder of strongly inhomogeneous rarefied plasma. 21 p3667 A67-38371
Oscillations of a cylinder of inhomogeneous plasma. 23 p4034 A67-41679
Plasma stability in short traps. 23 p4034 A67-41680
- ARTAMONOV, A. IA.
Cermets polishing by diamond wheels /Shlifovanie kermetov almaznymi krugami/. 24 p4159 A67-41963
- ARTAMONOV, G. T.
Design specifics of digital computers in space vehicle control complexes. 22 p3764 A67-39169
- ARTEMEVA, G. M.
Study of an equatorial ionospheric anomaly in the East-Asian zone of the Pacific Ocean /Issledovanie ekvatorialnoi anomalii ionosfery v Vostochno-Aziatskoi zone Tikhogo okeana/. 14 p2308 A67-27937
- ARTEMOV, E. A.
Forced vibrations of a free shaft with friction /Vynuzhennnye kolebania svobodnogo vala s treniem/. 21 p3726 A67-38834
- ARTHUR, D. W. G.
The system of lunar craters, quadrant IV. 01 p0152 A67-11331
The initial reductions of measures on star-trailed lunar photographs. 11 p1860 A67-24458
A device for determining the instantaneous focal lengths of large telescopes. 11 p1791 A67-24459
Scale transfer for lunar photographs. 11 p1860 A67-24460
The validity of selenodetic positions. 11 p1860 A67-24461
A method for determining the moon's constants of rotation from measurements on scaled and oriented lunar photographs. 11 p1860 A67-24462
Selenodetic measures on Yerkes lunar photograph No. 1269. 11 p1860 A67-24463
Photographic techniques for the determination of the moon's constants of rotation. 18 p3129 A67-34308
The LPL program for selenodetic positions - Results and comparison with contemporary

- selenodetic work. 18 p3131 A67-34323
- ARTHUR, J. B.**
Optical absorption due to free holes in germanium - A comparison of theory and experiment. 05 p0869 A67-17192
- ARTHUR, J. R.**
Adsorption and desorption of O sub 2 on GaAs /111/ surfaces. 23 p4045 A67-41464
- ARTHUR, M. G.**
Noise standards, measurements, and receiver noise definitions. 17 p2814 A67-32604
- ARTHUR, P. D.**
Gravity loss /La perdita da gravita/. 04 p0695 A67-14515
Orbital plane change by optimal aerocruise. 20 p3532 A67-36552
Thrust-augmented maneuvering in atmospheric entry. 20 p3533 A67-36584
Generalized dissociating gas flow. 20 p3420 A67-36599
- ARTHUR, R. J.**
The Mark 27 - A new gyro-compass approach. 14 p2322 A67-29083
- ARTHURS, A. M.**
On a continued fraction occurring in the theory of one-electron diatomic molecules. 01 p0118 A67-10886
A note on operator calculus in quantum mechanics. 10 p1682 A67-23349
Complementary variational principles in neutron diffusion theory. 11 p1824 A67-24632
- ARTIUKH, L. IU.**
A generalized Couette-type flow with variable viscosity. 04 p0602 A67-14639
- ARTIUKHIN, IU. P.**
Calculation of locally loaded orthotropic shells of revolution /Raschet ortotropnykh obolochek vrashcheniya na lokal'nye nagruzki/. 12 p2021 A67-25575
- ARTIUKHOVSKAIA, L. M.**
Utilization of the pyroelectric effect in barium titanate ceramics for recording weak thermal fluxes. 03 p0421 A67-13709
- ARTIUSHKOV, E. V.**
Stability of transverse oscillations in the quasi-one-dimensional flow of a conducting gas /Ob ustoychivosti poperechnykh kolebaniy v kvaziodnomernom techenii provodiashchego gaza/. 07 p1227 A67-19119
Certain properties of conducting gas flows in a magnetic field /Nekotorye svoystva techenii provodiashchego gaza v magnitnom pole/. 17 p2898 A67-32185
Stability of transverse oscillations in the quasi-unidimensional flow of a conducting gas. 21 p3664 A67-38164
- ARTMANN, J.**
Rankine-Hugoniot calculations for nonequilibrium plasmas /Rankine-Hugoniot-Berechnungen fuer Nichtgleichgewichtszustaen/. [DVL-635] 24 p4194 A67-41860
- ARTOBOLLEVSKII, I. I.**
Synthesis of a mechanical system with a variator from a given motion of one of its units /Sintez mekhanicheskoi sistemy s variatorom po zadannomu dvizheniyu odnogo iz zven'ev/. 17 p2885 A67-32967
- ARTSEBASHEV, V. I.**
Motion of a current layer in a coaxial plasma gun /Dvizhenie tokovogo sloia v koaksial'noi plazmennoi pushke/. 15 p2525 A67-29250
Observation of the flow layer and acceleration of plasma in a coaxial plasma gun /Issledovanie tokovogo sloia i uskoreniia plazmy v koaksial'noi plazmennoi pushke/. 15 p2529 A67-29718
- ARTSIMOVICH, L. A.**
Outlook for studies in the field of controlled nuclear fusion /Perspektivy issledovaniy v oblasti upravliaemogo iadernogo sinteza/. 11 p1831 A67-24015
- ARTYKOV, I. Z.**
Contribution of successive interactions to the generation of "jets" in complex nuclei /Rol' posledovatel'nykh vzaimodelstviy v generatsii "strui" na slozhnykh iadraqh/. 02 p0314 A67-12748
Role of successive interactions in the production of jets on complex nuclei. 22 p3876 A67-40250
Multiparticle mechanism of interactions between cosmic rays and atomic nuclei /Mnogochastichnyi mekhanizm vzaimodelstviy kosmicheskogo izlucheniia s atomnymi iadrami/. 24 p4218 A67-42842
- ARTYM, A. D.**
Frequency stability of quartz generators /O stabil'nosti chastoty kvartsevykh generatorov/. 11 p1768 A67-24982
- ARUTIUNIAN, N. KH.**
Contact problem of torsion for an elongated ellipsoid of revolution /Obodnoi kontaktnoi zadache krucheniya vytyanutogo ellipsoida vrashcheniya/. 03 p0530 A67-14199
- ARVESEN, J.**
Calibration of the earth albedo experimental package of the OSO satellite series. 02 p0246 A67-12401
- ARVESEN, J. C.**
Spectral dependence of ultraviolet-induced degradation of coatings for spacecraft thermal control. 12 p1959 A67-26054
[AIAA PAPER 67-340]
A review of the status of spacecraft thermal control materials. 15 p2579 A67-29552
- ARYA, G.**
Study of the recovery time of a CO sub 2 laser excited by pulse discharges /Etude du temps de recouvrement du laser a gaz carbonique excite par decharges impulsionnelles/. 23 p4011 A67-40692
- ARZAMASOV, B. N.**
Glow-discharge siliconizing of metals. 19 p3242 A67-34917
- ARZELIES, H.**
The fundamental equation /Sur l'equation fondamentale/. 09 p1534 A67-22580
Relativistic generalization of Weber's equations and of the theory of turbulence /Sur la generalisation relativiste des equations de Weber et de la theorie des tourbillons/. 11 p1782 A67-24760
Wave propagation in relativistic perfect fluids /Propagation des ondes dans les fluides parfaits relativistes/. 18 p3025 A67-33683
On the relativistic mechanics of continuous media /Sur la mecanique relativiste des milieux continus/. 19 p3263 A67-35833
- ARZT, P. R.**
Cutting tool and cutting fluid evaluation - Economic considerations for aerospace manufacturing. [ASTME PAPER WES-7-27] 11 p1798 A67-24256
- ARZT, R. M.**
Elastic surface waves in quartz at 316 MHz. 11 p1848 A67-24835
- ARZT, V.**
Quantum theory of noise in gas and solid state lasers with an inhomogeneously broadened line. I. 04 p0632 A67-14949
- ARZUMANOV, V. N.**
Study of a laser based on neodymium-activated glass with external feedback /Issledovanie opticheskogo kvantovogo generatora na stekle aktivirovannom neodimom s vneshnei obratnoi svyaz'yu/. 06 p1012 A67-18782
Investigation of a neodymium-glass laser with external feedback. 18 p3058 A67-33724
- AS, J. A.**
Past, present and future changes in the earth's magnetic field. 21 p3820 A67-38979
- ASAD, A. S.**
Effect of the solar activity on the brightness and polarization of the zodiacal light. 13 p2109 A67-26332
- ASADA, H.**
Effects of cerium on workability of magnesium. 15 p2505 A67-30398
- ASADI, P.**
On the existence of a spontaneous polarization in fluorite single crystals doped with lime. 12 p1980 A67-25182
On the electrical conductivity of fluorite single crystals doped with uranium dioxide. 12 p1980 A67-25183
- ASAI, T.**
On the characteristics of cellular cumulus convection. 20 p3480 A67-36505
- ASAKAWA, T.**
Second breakdown in MOS transistors. 07 p1157 A67-19906
- ASAMI, S.**
Dependences of output powers on the discharge current in single-line and two-line oscillations of He-Ne lasers. 05 p0825 A67-16979
- ASAMI, Y.**
Amplification of microwaves by the interaction of an electron beam with a cesium plasma. 13 p2166 A67-26726
Amplification of microwaves by the interaction of an electron beam with a cesium plasma. 21 p3668 A67-38605
- ASAMOTO, R. R.**
Tungsten-rhenium thermocouples for use at high temperatures. 20 p3443 A67-36515
- ASANUMA, T.**
Lifting-line theory for cascade of blades in subsonic shear flow. 24 p4091 A67-42204
- ASAY, J. R.**
Elastic constants of magnesium thorium alloy. [ASME PAPER 66-WA/MET-11] 04 p0639 A67-15375
Ultrasonic studies of 1060 and 6061-T6 aluminum. 23 p4021 A67-41469
- ASAYAMA, K.**
NMR study of two energy gaps in superconducting compounds. 08 p1371 A67-21443
- ASBEDIAN, V. V.**
Manual lunar orbit rendezvous analysis. 21 p3714 A67-39145
- ASBRIDGE, J. R.**
Vela 3 satellite observations of solar wind ions - A preliminary report. 07 p1244 A67-19919
Vela 2 measurements of the magnetopause and bow shock positions. 07 p1180 A67-19920
Characteristics of the plasma sheet in the earth's magnetotail. 07 p1244 A67-19921
Measurements of the interplanetary solar wind during the large geomagnetic storm of April 17-18, 1965. 13 p2189 A67-26303
Vela satellite observations of solar wind ions. 13 p2190 A67-26319
Observations of solar wind plasma changes across the bow shock. 13 p2190 A67-26320
Discontinuities in the solar wind associated with sudden geomagnetic impulses and storm commencements. 17 p2936 A67-32530
- ASCARELLI, P.**
Application of a structure factor-potential relationship to the electrical resistivity of the liquid alkali metals. 21 p3686 A67-39102
- ASCHE, M.**
Piezoresistance on p-germanium /Piezowiderstand von P-Germanium/. 07 p1233 A67-19644
- ASCHOFF, J.**
Human circadian rhythms in activity, body temperature and other functions. 15 p2426 A67-29110
- ASDURIAN, H.**
Design and instrumentation of a large-scale VTOL test bed for investigation of ground proximity effects. [AIAA PAPER 67-181] 06 p0980 A67-18297
- ASFOUR, K. J.**
Analysis of dynamic stress in an inflating parachute. 21 p3588 A67-38538
- ASH, G. R.**
A study of low-thrust guidance. [AIAA PAPER 67-618] 19 p3260 A67-36007
- ASH, M. E.**
Radar verification of the Doppler formula. 01 p0026 A67-10920
Astronomical constants and planetary ephemerides deduced from radar and optical observations. 15 p2558 A67-29871
- ASHAR, K. G.**
Study of electroabsorption using differential photocurrent response. 10 p1691 A67-23402
- ASHAUER, R. C.**
Automatic plasma arc welding of square butt pipe joints. 14 p2327 A67-28819
- ASHBAUGH, N.**
Three-dimensional stress distribution in a unidirectional composite. 08 p1420 A67-20912
- ASHBROOK, R. L.**
Development of a Co-W ferromagnetic, high-temperature, structural alloy. 24 p4174 A67-42726
- ASHBURN, E. V.**
Bibliography of the open literature of lasers. VI. 09 p1511 A67-21713
- ASHBY, D. E. T. F.**
A high frequency electrostatic instability in a magnetically guided plasma stream. 17 p2907 A67-33106
The injection of tenuous plasma into a magnetic guide field in the absence of wall-shorting. 22 p3846 A67-39485
- ASHBY, G. C., JR.**
Aerodynamic effect of volume addition to a high L/D wing/body at Mach 6.0. 07 p1126 A67-19382
- ASHBY, R. M.**
Microelectronics state-of-the-art. 01 p0043 A67-11385
- ASHCHEULOV, S. V.**
Possibility of determining the absorption coefficient for water vapor and other components of the atmosphere from its self-radiation /K voprosu o vozmozhnosti

- opredeleniya koeffitsientov pogloshcheniya vodnogo para i drugikh komponent po sobstvennomu izlucheniyu 19 p3251 A67-34858
atmosfer./
- Aircraft infrared spectrophotometer /Samoletnyy infrakrasnyy spektrofotometr/. 19 p3227 A67-34859
- ASHE, W. F.
Aeromedical problems associated with surgical procedures for the relief of otosclerosis. 13 p2060 A67-26928
- ASHER, G. W.
A note on the effective degrees of freedom of a vibrating structure. 10 p1718 A67-23153
- ASHFORD, D. M.
Fuselage configuration studies. [SAE PAPER 670370] 18 p2985 A67-33568
- ASHIMOV, N. M.
A transistorized low-frequency LC filter with a high Q-factor /Nizkochastotnyy LC fil'tr s vysokoy dobrotnost'yu na tranzistore/. 22 p3772 A67-39869
- ASHIMOV, S. M.
Damping of oscillations of a type two superconductor in a magnetic field. 20 p3505 A67-36203
- ASHIN, S. G.
Effect of ionizing radiation on the electrical and paramagnetic properties of organic polyvinyl-acetate-based semiconductors /Vliyanie ioniziruyushchego izlucheniya na elektricheskie i paramagnitnye svoystva organicheskikh poluprovodnikov na osnove polivinilatsetata/. 18 p3099 A67-33694
- ASHKENAS, I. L.
Effects of manual altitude control and other factors on short-period handling quality requirements. 19 p3175 A67-35974
- ASHKIN, A.
The second harmonic generation of light by focused laser beams. 05 p0817 A67-16640
Reduction of the susceptibility to optically induced index inhomogeneities in LiTaO₃ sub 3 and LiNbO₃ sub 3. 23 p4012 A67-40876
- ASHKINADZE, B. M.
Formation of paramagnetic centers in polymers exposed to the effect of laser radiation /Vozniknovenie paramagnitnykh tsentrov v polimerakh, podvergnutykh deystviyu lazernogo izlucheniya/. 01 p0086 A67-10075
Breakdown in transparent dielectrics caused by intense laser radiation. 03 p0439 A67-14367
Damage produced by a laser beam in a transparent dielectric. 08 p1337 A67-20840
Two-photon photoconductivity in CdS excited with giant pulses from ruby laser. 20 p3456 A67-36164
Recording a single pulse of a Q-switched laser by means of a storage tube /Registratsiya monimpul'sa lazera, rabotayushchego v rezhime s modulatsiei dobrotnosti, pri pomoshchi zapominayushchey trubki/. 22 p3817 A67-40415
- ASHLEY, H.
Observations on the dynamic behavior of large flexible bodies in orbit. 06 p1383 A67-20562
Multiple scaling in flight vehicle dynamic analysis. A preliminary look. [AIAA PAPER 67-560] 19 p3335 A67-35957
- ASHMARIN, I. U. A.
Effect of the magnitude of the shear modulus on the stress concentration /Vliyanie velichiny modulya sdviga na kontsentratsiyu napriazhenii/. 11 p1878 A67-24881
Stressed and strained state of an orthotropic cylindrical shell weakened by a circular hole /Napriazhennoe i deformirovannoe sostoyaniye ortotropnoy tsilindricheskoy obolochki, oslablennoy krugovym otverstiem/. 12 p2021 A67-25578
Experimental study of the stress concentration around a circular hole in an orthotropic cylindrical shell /Eksperimental'noe issledovanie kontsentratsii napriazhenii okolo krugovogo otverstita v ortotropnoy tsilindricheskoy obolochke/. 12 p2021 A67-25579
- ASHMORE, P. G.
Sensitized ignitions of methane and oxygen. 14 p2407 A67-28549
Experimental investigations of conductive and convective heat transfer in relation to thermal ignitions. 18 p3156 A67-33852
- ASHRAFOV, A. A.
Augmentation of resources of raw materials for the production of aviation oil /Uvelichenie resursov syr'ya dlya polucheniya aviamasel/. 04 p0627 A67-14742
- ASHTON, A.
Note on the testing of large glass panels. 10 p1652 A67-22701
- ASHTON, W. F.
The impact of automation on air traffic control. 09 p1530 A67-22651
- ASINOVSKI, E. I.
Experimental determination of the thermal conductivities of argon plasmas. 14 p2404 A67-28031
Experimental study of the electrical conductivity of an argon plasma with an ionizing additive /Eksperimental'noe issledovanie elektropovodnosti plazmy argona s ioniziruyushchey dlya dobavki/. 16 p2710 A67-30523
Experimental investigation of the heat conductivity coefficient of an argon plasma /Opytnoe opredelenie koeffitsienta teploprovodnosti plazmy argona/. 17 p2895 A67-32157
- ASKARIAN, G. A.
Excitation of signals in a negatively charged post of an antenna under the influence of an unfocused laser beam. 01 p0091 A67-10835
Use of artificial meteors for laser pumping. 06 p1009 A67-17757
Currents produced by light pressure when a laser beam acts on matter. 10 p1664 A67-23333
Optical breakdown "fireball" in the focus of a laser beam. 12 p1952 A67-25336
Ionization of media and plasma generation by laser emission /Ionizatsiya sred i sozdanie plazmy s pomoshch'yu izlucheniya lazera/. 17 p2904 A67-32917
A light spark in magnetic and electromagnetic fields /Svetovaya iskra v magnitnom i elektromagnitnom pol'akh/. 19 p3239 A67-35165
- ASKEROV, B. M.
Quantum theory of the electrical conductivity of semiconductors with a non-standard energy band. 07 p1233 A67-19639
Quantum theory of the Nernst-Ettingshausen effect in semiconductors /Kvantovaya teoriya efekta Nernsta-Ettingsgauzena v poluprovodnikakh/. 09 p1554 A67-21970
Quantum theory of the Nernst-Ettingshausen effect in semiconductors. 17 p2923 A67-33307
- ASKILL, J.
Environmental effects on the diffusion of Ta super 182 in b.c.c. titanium. 04 p0637 A67-14937
- ASLANOV, S. K.
Investigation of the stability of shock waves in an arbitrary medium. 05 p0795 A67-17543
Effect of viscosity on the stability of a plane flame front /Vliyanie vlyazkosti na ustoychivost' ploskogo fronta plameni/. 08 p1428 A67-21423
Investigation of the gas-dynamic stability of a detonation wave in a gas mixture /Issledovanie gazodinamicheskoy ustoychivosti detonatsionnoy volny v gazovoy smesi/. 12 p1930 A67-25965
Instability criterion of turbulent combustion /Kriteriy neustoychivosti turbulentnogo goreniya/. 12 p2039 A67-26119
Study of the stability of discontinuous solutions to gas-dynamic equations /K issledovaniyu ustoychivosti razryvnykh reshenii gazodinamicheskikh uravnenii/. 13 p2093 A67-26379
Instability criterion for slow combustion of mixtures. 17 p2974 A67-33144
- ASLE, P. L.
Effect of electrical currents on ball bearing damage in vacuum and in air. [ASLE PREPRINT 67AM 1C-1] 22 p3813 A67-40218
- ASLE, S. F. M.
Effect of electrical currents on ball bearing damage in vacuum and in air. [ASLE PREPRINT 67AM 1C-1] 22 p3813 A67-40218
- ASNANI, M.
A perturbation solution for the nonlinear radiation heat transfer problem. 04 p0737 A67-15867
- ASPELIN, L. L.
Recent developments in instrumentation and fuel systems for turbocharged and/or pressurized aircraft. [SAE PAPER 670262] 12 p1899 A67-25510
- ASPINAL, D.
High-speed analogue-digital converter. 04 p0593 A67-15636
- ASSALY, R. N.
A theoretical study of a multi-element scanning feed system for a parabolic cylinder. 02 p0211 A67-11600
Some designs of X sub L-band diode switches. 04 p0580 A67-18663
- ASSELIN, R.
The operational solution of the balance equation. 09 p1525 A67-21551
- ASSENDRUP, J. D.
E-W motion of aurorae as observed at Moscow, Idaho. 10 p1651 A67-23344
- ASSEO, E.
Charged-particle acceleration by a random electromagnetic field /Acceleration de particules chargees par un champ electromagnetique aleatoire/. 06 p1040 A67-18102
Transverse diffusion of a particle by an assembly of random Alfvén waves /Diffusion transverse d'une particule par un ensemble d'ondes d'Alfvén aleatoires/. 11 p1840 A67-24753
- ASTAFEEVA, A. K.
Methods for spacecraft sterilization. 15 p2430 A67-29100
- ASTAFEV, A. S.
Influence of the surface on the characteristics of injection semiconductor lasers /Vliyanie poverkhnosti na kharakteristiki inzhetsionnykh poluprovodnikov kharakteristik kvantovykh generatorov/. 01 p0087 A67-10077
Effect of the surface on the characteristics of injection-type semiconductor lasers. 08 p1339 A67-21455
- ASTAFEV, N. I.
Capture cross section of a photon by zinc and mercury atoms in germanium /Secheniya zakhvata fotona atomami tsinka i rtuti v germanii/. 05 p0888 A67-17066
Cross sections for the capture of a photon by zinc and mercury atoms in germanium. 15 p2538 A67-29797
- ASTAFEV, V. A.
Inverse problem in the theory of nuclear cascades /Obratnaya zadacha v teorii ladernykh kaskadov/. 02 p0317 A67-12769
The inverse problem in nuclear cascade theory. 22 p3842 A67-40271
Determination of the interaction functions of cascade particles with a substance by the inverse-problem method /Opredelenie funktsii vzaimodelstviya kaskadnykh chastits s veshchestvom metodom obratnoy zadachi/. 24 p4221 A67-42875
- ASTAKHOV, E. A.
Forces binding plasma coatings to the base. 07 p1190 A67-19304
- ASTAPOVICH, I. S.
Trajectory and orbit of the Tungus comet /K voprosu o traektorii i orbite Tungusskoy komety/. 05 p0889 A67-16210
Hyperbolic motion of meteor bodies and the application of the Gudermański to the determination of their geocentric trajectories /Giperbolicheskoe dvizhenie meteorov i primenenie Gudermaniana k vychisleniyu ikh geotsentricheskikh traektorii/. 13 p2196 A67-26497
Chervonyi Kut meteorite of the Sumy region in the Ukrainian SSR, a eucrite which fell on June 23, 1939 /Meteorit Chervonyi Kut, Sumskoy oblasti USSR - Evkrit padeniya 23 iyunia 1939 g./. 13 p2197 A67-26508
- ASTARITA, G.
Two dimensionless groups relevant in the analysis of steady flows of viscoelastic materials. 13 p2096 A67-26931
Boundary-layer flows of viscoelastic materials. 20 p3424 A67-37503
- ASTAVIN-RAZUMIN, D. L.
Luminosity of meteors from data of photoelectric observations /Svechenie meteorov po dannym fotoelektricheskikh nabludeni/. 11 p1867 A67-24846
- ASTON, R.
Pharmacological alterations of vibration tolerance. 23 p3955 A67-41613
- ASTRAKHAN, M. I.
Diffraction of a plane electromagnetic wave on an anisotropically conducting plane - Shielding and reflecting action of a dense radial grid /Difraktsiya ploskoy elektromagnitnoy volny na anizotropno provodiyashchey ploskosti - Ekraniruyushcheye otrazhatel'noe deystviye gustoy radial'noy setki/. 07 p1143 A67-19589

- Diffraction of a plane electromagnetic wave by an anisotropically conducting plane /Screening and reflecting actions of a dense radial grid/. 20 p3384 A67-37326
- ASTROV, V. V.**
Structural synthesis of combined automatic control systems for nonlinear plants /Strukturnii sintez kombinovaniikh sistem avtomatichnogo keruvannya neliniini ob'ektami/. 06 p0976 A67-18237
- ASUNDI, R. K.**
Isotope effect in the dissociative attachment in H sub 2 at low energy. 17 p2889 A67-33223
- ATAKHODZHAEV, M. A.**
Uniqueness of a solution for two inverse problems of potential theory /Ob edinstvennosti resheniya dvukh obratnykh zadach teorii potentsiala/. 06 p1023 A67-17861
- ATASSI, H.**
Heat transfer from wires in a rarefied low speed flow. 14 p2405 A67-28178
- ATCHISON, T. A.**
Nonlinear transformations related to the evaluation of improper integrals. I. 23 p4022 A67-40861
- ATHANS, M.**
The status of optimal control theory and applications for deterministic systems. 01 p0047 A67-11220
On the uniqueness of the extremal controls for a class of minimum fuel problems. 06 p1098 A67-18523
Optimal Control. 18 p3018 A67-34758
Optimal waveform design via control theoretic concepts. 19 p3201 A67-34965
Attitude control of a satellite in circular orbit. 21 p3715 A67-39153
- ATHAS, W. C.**
Design considerations for airborne low light level weapon delivery system. 17 p2803 A67-32505
- ATHAY, R. G.**
Radiative energy loss from the solar chromosphere and corona. 02 p0323 A67-11692
On the origin of spicules in the chromosphere-corona transition region. 17 p2952 A67-33393
An integral equation for the line source function and its numerical solution. 22 p3896 A67-40529
- ATHERTON, D. P.**
The determination of periodic modes in relay systems using the state space approach. 06 p0978 A67-18719
- ATHEY, R. L.**
Development of astroloy disks for advanced jet engine application. 22 p3818 A67-39226
- ATKIN, H. P.**
Boron-filament reinforced plastic composites for aircraft structures. 08 p1333 A67-20359
- ATKINS, A. G.**
Recent studies of the mechanical properties of solids at high temperatures. 20 p3463 A67-36111
- ATKINSON, C.**
The influence of elastic anisotropy on the propagation of fracture. 08 p1421 A67-20952
The interaction between a dislocation and a crack. 16 p2764 A67-30993
The influence of elastic anisotropy on the propagation of fracture. 16 p2770 A67-31291
- ATKINSON, G.**
A theory of polar substorms. 03 p0410 A67-12955
Polar magnetic substorms. 11 p1784 A67-23928
Planetary modulation of geomagnetic activity. 21 p3711 A67-39005
- ATKINSON, J. H.**
An R.F. hazard control program. 08 p1290 A67-20548
- ATKINSON, R. C.**
Signal recognition as influenced by presentation schedules. 20 p3372 A67-36962
Effects of reinforcement intervals in paired-associate learning. 21 p3576 A67-39100
Short-term recall of paired-associates as a function of the number of interpolated pairs. 22 p3750 A67-39318
- ATKINSON, W. R.**
Epoch sensitivity of superheterodyne microwave receivers to electromagnetic pulses produced by electrical discharge between water drops. 24 p4124 A67-42883
- ATLAN, H.**
Biological effects of heavy particles /Effets biologiques des particules lourdes/. 04 p0562 A67-14634
- Experimental method for the study of biological effects of heavy ions of primary cosmic radiation on bacteria /Methode experimentale pour l'etude des effets biologiques provoques par les ions lourds du rayonnement cosmique primaire sur des bacteries/. 14 p2254 A67-28213
- ATLAS, D.**
Radar detection of the tropopause and clear air turbulence. 04 p0649 A67-14682
Bistatic scatter from turbulent media. 04 p0649 A67-14683
Radar analysis of the clear atmosphere - Angels. 14 p2264 A67-28395
- ATLURI, S. R.**
Sensitivity of optimal control systems. 08 p1309 A67-20328
- ATRASHENOK, P. V.**
Accuracy of the asymptotic formulas for angular functions /Tochnost' asimptoticheskikh formul dlya uglovykh funktsii/. 01 p0112 A67-10131
- ATRASHKEVICH, V. B.**
Ultrahigh energy primary cosmic radiation according to extensive air shower data. 02 p0311 A67-12589
Phenomenological characteristics of extensive air showers with a fixed number of muons and electrons /Fenomenologicheskile kharakteristiki shirokikh atmosferynykh livnel s fiksirovannyim chislom mu-mezonov i elektronov/. 02 p0318 A67-12777
Superhigh-energy primary cosmic radiation and extensive air showers /Pervichnoe kosmicheskoe izluchenie sverkhvysokoi energii i shirokie atmosferynye livni/. 02 p0318 A67-12778
Calculations of the longitudinal and transverse development of extensive atmospheric showers and some prospects of studying them /Raschety prodol'nogo i poperechnogo razvitiia shirokikh atmosferynykh livnel i nekotorye perspektivy ikh izucheniya/. 02 p0318 A67-12784
Phenomenological characteristics of extensive air showers with a fixed number of muons and electrons. 22 p3877 A67-40279
Superhigh energy primary radiation and extensive air showers. 22 p3877 A67-40280
Calculations of the longitudinal and transverse development of extensive air showers and some possibilities of investigation of such showers. 22 p3878 A67-40286
- ATROSHCHENKO, L. V.**
Deviations from stoichiometry and the solubility of impurities in semiconductor with stoichiometric vacancies /Otkloneniya ot stekhiometrii i rastvorimost' primesel v poluprovodnikakh so stekhiometricheskimi vakansiyami/. 18 p3096 A67-33449
- ATWELL, N. P.**
Calculation of boundary-layer development using the turbulent-energy equation. 15 p2472 A67-29657
- ATWOOD, A. G.**
Computer-aided design of linear integrated circuits. 12 p1919 A67-26156
- ATZENI, C.**
Ultrasonic correlator for radar signals /Correlatore ultrasonico per segnali radar/. 18 p3002 A67-34227
- AU, G. F.**
Research work on electrostatic ion propulsion and electromagnetic propulsion. [AIAA PAPER 67-724] 21 p3894 A67-38749
- AU, L. L.-T.**
Thermal shock effects on brittle-ductile materials. 20 p3538 A67-36673
- AUBRY, M.**
Mutual-impedance plasma probe /Sonde de plasma a impedance mutuelle/. 09 p1501 A67-22561
Possibilities of studying ionospheric-plasma resonances with the aid of a mutual-impedance probe /Possibilites pour l'etude des resonances du plasma ionospherique a l'aide d'une sonde a impedance mutuelle/. 12 p1931 A67-25152
- AUBRY, M. P.**
Application of bispectral analysis to the study of diffraction. II /Application de l'analyse bispectrale a l'etude de la diffraction. II/. 10 p1604 A67-22888
- AUCHERE, D.**
Experimental determination of the trajectory of the piston in a shock tube /Methode de determination experimentale de la trajectoire du piston dans un canon a choc/. 11 p1782 A67-24759
- AUCLAIR, G. F.**
Versatile star tracker uses electronic scanning. 13 p2154 A67-27491
- AUDA, D.**
Practical aspects of thick film technology. 16 p2841 A67-31621
- AUDEH, N. F.**
Cutoff frequencies of eccentric waveguides. 02 p0193 A67-11781
- AUDOIN, C.**
Measurement of the Q parameter of a hydrogen maser /Mesure du parametre Q d'un maser a hydrogene/. 11 p1802 A67-24754
- AUDRETSCH, J.**
Foundation of the energy-and-momentum tensor of the general theory of relativity on the basis of a kinetic model of matter /Begrundung des Energie-Impuls-Tensors der allgemeinen Relativitaetstheorie auf Grund eines kinetischen Modells der Materie/. 17 p2883 A67-32360
- AUER, W.**
Gas-bearing gyroscopes and their application in space /Gasgelagerte Kreisel und deren Anwendung in der Raumfahrt/. 20 p3453 A67-36410
- AUERBACH, I.**
Approximate calculation of conical rotating disks /Przyblzone obliczenie stozkowycy tarcz wirujacych/. 22 p3812 A67-39534
- AUFAURE, M.**
Conformal transformation investigations of MHD ducts of finite length and segmentation /Etude par transformations conformes de tuyeres MHD de longueur et segmentation finies/. 16 p2600 A67-30535
- AUFFRET, R.**
Ejections through the canopy /Ejections a travers verriere/. 14 p2257 A67-28215
Germ samplings at high altitude - First results /Prelevements de germe en altitude - Premiers resultats/. 23 p3963 A67-41072
- AUGLAND, B.**
The solubility of niobium /columbium/ carbide in gamma iron. 24 p4173 A67-42348
- AUGUST, H.**
Plasma properties induced in air by alpha radiation. 09 p1543 A67-28189
- AUKERMAN, L. W.**
Effects of radiation damage on the behavior of GaAs p-n junctions. 04 p0685 A67-15704
Diffusion lengths of electrons and holes in GaAs. 11 p1850 A67-24912
- AULD, B. A.**
Parametric coupling between modes of propagation in nonconservative systems. 13 p2086 A67-26511
- AULT, R. T.**
Increased reliability of a high-strength steel through thermal-mechanical treatments. 11 p1806 A67-24363
- AUMAN, J. R.**
The influence of water-vapor opacity and the efficiency of convection on models of late-type stars. 24 p4224 A67-41818
- AUPHAN, M.**
Recording of frequencies from 0 to 1000 Hz on low-priced media /L'enregistrement des frequences de 0 a 1000 Hz sur support bon marche/. 13 p2119 A67-26662
- AUREILLE, R.**
Contribution to the study of the turbulent flow in a cylindrical porous duct with suction /Contribution a l'etude de l'ecoulement turbulent dans une conduite cylindrique poreuse avec aspiration/. 17 p2837 A67-32380
- AURELA, A. M.**
Measurements of the charge ratio of cosmic-ray muons. 01 p0144 A67-10783
- AUSMAN, J. S.**
Gas squeeze film stiffness and damping torques on a circular disk oscillating about its diameter. [ASME PAPER 66-LUB-4] 03 p0432 A67-13762
- AUSTIN, A. L.**
Determining the dynamic elastic modulus at elevated temperatures by using rapid heating techniques. [ASME PAPER 66-WA/MET-12] 04 p0712 A67-15376
- AUSTIN, C. F.**
An approach to indigenous lunar power - The geothermal concept. 08 p1317 A67-21095
The moon as a geothermal prospect. [AIAA PAPER 67-901] 24 p4239 A67-43009
- AUSTIN, C. R.**
Mission risk appraisal. 18 p3163 A67-34682

- AUSTIN, F.
Flight research program.
IX. 17 p2805 A67-31956
- AUSTIN, F. H., JR.
Aeromedical monitoring of naval aviators during aircraft carrier combat operation. 17 p2805 A67-31957
- Aeromedical monitoring of naval aviators during aircraft carrier combat operation - A preliminary report. 23 p3963 A67-41541
- AUSTIN, G. E.
POODLE radioisotope propulsion technology. 05 p0843 A67-18551
- AUSTIN, P. R.
The state of the art - Spacecraft preparation and sterilization. 20 p3375 A67-36804
- AUSTIN, W. E.
Low level light intensity measurement from repetitive signals. 02 p0243 A67-12185
- Recent extreme ultraviolet solar spectra and spectroheliograms. 10 p1707 A67-23224
- AUSTIN, W. H., JR.
The effects of low level turbulence on the structure of a large logistic aircraft. [SAE PAPER 660670] 01 p0160 A67-10577
- Development of improved gust load criteria for U.S. Air Force aircraft. 18 p2986 A67-34653
- AUSTON, D. H.
A quasi-optic imaging resonator for plasma diagnostics. 16 p2875 A67-31263
- AUTIN, B.
Amplification of acoustic waves in a cadmium sulfide crystal /Amplification d'ondes acoustiques dans un cristal de sulfure de cadmium/. 09 p1558 A67-22591
- AUTLER, S. H.
Radiation-induced peak effect in superconducting NbZr. 01 p0135 A67-10880
- Effect of low-temperature deuteron irradiation on some type-II superconductors. 12 p1985 A67-25845
- AUTON, J. P.
Circulators for the infrared. 22 p3835 A67-39213
- AVAKIAN, V. V.
Initiation of showers in thin plates by pions and protons with momenta from 0.1 to 20 BeV/c. 02 p0312 A67-12610
- Search for quarks with unit and fractional charges in cosmic rays at 3200 m altitude /Polski kvarkov s edinichnym i drobnym zariadami v kosmicheskikh luchakh na vysote 3200 m/. 02 p0316 A67-12767
- Search for quarks with unit and fractional charges in cosmic rays at 3200 meters above sea level. 22 p3877 A67-40269
- AVAKIANTS, G. E.
Breakdown of silicon diodes with negative resistance /Iavlennia probola v kremnievykh diodakh s otritsatel'ny'm soprotivleniem/. 11 p1768 A67-24861
- AVAKIANTS, G. M.
Transmission of current through semiconductors with impurities or defects creating deep levels /Prokhozhdennia toka cherez poluprovodniki s primeslami ili defektami, sozdalushchimi glubokie urovni/. 01 p0135 A67-10925
- Measurement of the nanosecond lifetime in "long" diodes /Izmerenie nanosekundnykh vremen zhizni v "dlinnykh" diodakh/. 05 p0775 A67-17004
- Measurement of the Hall EMF in the base of a negative-resistance silicon diode /Izmerenie EDS Kholla v baze kremnievogo dioda s otritsatel'ny'm soprotivleniem/. 12 p1917 A67-26097
- Transient characteristics of silicon diodes with negative resistance /Perekhodnye kharakteristiki kremnievykh diodov s otritsatel'ny'm soprotivleniem/. 13 p2076 A67-26469
- Effect of capture centers on the current-voltage characteristic of p-n diodes /Vliianie tsentrov prilipaniia na p-n-diodov/. 16 p2635 A67-30471
- Current distribution in silicon diodes with a negative resistance /Raspredelenie tokov v kremnievykh diodakh s otritsatel'ny'm soprotivleniem/. 18 p3010 A67-33577
- Silicon diodes with a controlled differential negative resistance /Kremnieve diody s upravlaemym differentsial'ny'm otritsatel'ny'm soprotivleniem/. 20 p3397 A67-36696
- Volt-ampere characteristic of a p-n-p diode with an avalanche multiplication /Vol't-ampernaia kharakteristika p-n-p-dioda s lavinnym umnozheniem/. 21 p3593 A67-38289

- Volt-ampere characteristics of a long diode with barrier rear contact /Vol't-ampernaia kharakteristika dl'nogo dioda s zapornym tylovym kontaktom/. 21 p3593 A67-38291
- Reliability of high-power transistors /K voprosu o nadezhnosti moshchnykh tranzistorov/. 22 p3771 A67-39827
- AVCHUKHOV, V. V.
Local pressure distribution on the tubes of a lattice-type cluster /Lokal'noe raspredelenie davleniia na trubkakh puchka reshetchatogo tipa/. 20 p3359 A67-37306
- AVDEEV, E. F.
Turbulent mixing in a system of plane nonisothermal jets /Turbulentnoe peremeshivanie v sisteme ploskikh nelzotermicheskikh strui/. 13 p2105 A67-27052
- AVDEEV, N. IA.
Optical characteristic of some cosmic and terrestrial surfaces /Opticheskaiia kharakteristika nekotorykh kosmicheskikh i zemnykh poverkhnostei/. 15 p2516 A67-29152
- The optical characteristics of some cosmic and terrestrial surfaces. 24 p4190 A67-43075
- AVDEEV, V. N.
Calculating the penetration factor of a plane triode /O raschete pronitsaemosti ploskogo trioda/. 05 p0774 A67-16937
- AVDEEV, V. V.
Efficiency of direction finding according to maximum likelihood /Effektivnost' pelengovaniia po maksimal'nomu pravdopodobliu/. 22 p3762 A67-39874
- AVDIUSHIN, S. I.
Registration of cosmic rays on the artificial earth satellite "Cosmos-17". 11 p1856 A67-24075
- AVDUEVSKII, V. S.
Physical properties of the flow near the separation region in the three-dimensional interaction between the boundary layer and the shock wave /Fizicheskie osobennosti techeniia v oblasti otryva pri trekhmernom vzaimodelstvii pogrannichnogo sloia s udarnoi volnoi/. 10 p1590 A67-23026
- AVELLAR, K.
Flip-component technology. 16 p2642 A67-31727
- AVENIROVA, E. D.
Effects of hypergravity and acute hypoxia on the respiratory processes in brain tissues /Vliianie gipervesomosti i ostrogo kislorodnogo golodaniia na protsessy tkanevogo dykhaniiia golovnogo mozga/. 23 p3943 A67-40770
- AVERBAKH, E. M.
Preparation of single crystals of semiconducting phases in the Zn-Sb system. 14 p2372 A67-28826
- AVERIANOV, I. S.
Deep-lying energy levels in indium antimonide. 05 p0861 A67-16399
- AVERIANOV, N. E.
Investigation of laser action in ruby and neodymium glass in the case of axicon pumping /Issledovanie generatsii v rubine i neodimovom stekle pri aksikonnoi nakachke/. 18 p2684 A67-30460
- AVERIANOVA, T. V.
Application of the methods of the general theory of relativity to the study of the trajectories of comets with extended periods /Primenenie metodov obshchei teorii otноситel'nosti k issledovaniiu traektorii dolgoperiodicheskikh komet/. 06 p1084 A67-18164
- Application of general-relativity methods to the study of long-period comet trajectories. 16 p2741 A67-30508
- AVERIANOVA, V. G.
Finite rotation of a body due to the revolutions of internal flywheels /Konechnye povorty tela pod deistviem vrashcheniia vnutrennikh makhovikov/. 12 p1966 A67-25658
- Finite displacements of a solid body under the effect of internal rotating flywheels and translational motion of masses /Konechnye peremeshcheniia tverdogo tela pod deistviem vrashcheniia vnutrennikh makhovikov i postupatel'nogo dvizheniia mass/. 15 p2518 A67-30169
- AVERIN, V. V.
Deoxidative capacity and activity of titanium in nickel-chromium alloys /Raskislitel'naiia sposobnost' i aktivnost' titana v splavakh nikela s khromom/. 09 p1518 A67-21964
- AVERKIN, E. G.
Physical performance of women following heat-exercise hypohydration. 20 p3372 A67-37033

- AVERSANO, F.
Packaging of electronic signal conditioning equipment for the Project Apollo lunar module. 21 p3635 A67-38628
- AVERY, L. R.
Thermal-fatigue tests of restrained combustor-cooling tubes. 15 p2572 A67-29164
- AVETISIAN, A. S.
Stress concentration near a rhombic hole taking into account the physical nonlinearity of the material /Kontsentratsiia napriazhenii okolo rombicheskogo otverstia s uchedom fizicheskoi nelineinosti materiala/. 05 p0907 A67-16020
- AVGUSTINIK, A. I.
Temperature dependence of the grain size in NbC sub 0.80 /O temperaturnoi zavisimosti razmera zeren NbC sub 0.80/. 01 p0102 A67-11245
- Temperature dependence of the grain size of NbC sub 0.80. 17 p2875 A67-33168
- AVILA, G. S. S.
The near-field behavior of the Green's matrix in anisotropic wave motion. 13 p2158 A67-27179
- AVILES, J. F.
A read only 70-ns waffle iron memory. 22 p3765 A67-39904
- AVILOVA, I. V.
Calculation of the viscosity coefficient of cesium over a wide range of temperatures and pressures /Raschet koeffitsienta vliakosti tseziia v shirokom intervale temperatur i davlenii/. 18 p3087 A67-34050
- AVITZUR, B.
Analysis of strengthening of composite fibrous material. [AIAA PAPER 67-172] 06 p1008 A67-18458
- AVIV, I.
The design and construction of a pure fluid four bit binary comparator. 08 p1283 A67-20474
- AVIV, Y.
Integrated intensity of NO fundamental. 19 p3266 A67-35681
- AVIVI, P.
Physical measurements of the ionized gas produced by exploded lithium wires. 19 p3261 A67-35162
- AVIZONIS, P. V.
Performance of a vibrational H sub 2 - Stokes oscillator. 02 p0253 A67-12516
- Expansion rates of the luminous front of a laser-produced plasma. 03 p0478 A67-13573
- Density and temperature of a laser induced plasma. 05 p0852 A67-16654
- Measurements of beam divergence of Q-switched ruby laser rods. 10 p1667 A67-23782
- Observation of plasma ion oscillations in a laser-produced plasma. 17 p2901 A67-32368
- AVKHMIMOVICH, B. M.
Calculation of the temperature-equalization time in multilayer cylinders /Raschet vremeni vyравnivaniiia temperatury v mnogosloynnykh tsilindrakh/. 04 p0738 A67-15891
- Calculation of unsteady temperature fields in structures by the method of moments /Raschet nestatsionarnykh temperaturnykh polov v konstruktivnykh metodom momentov/. 07 p1266 A67-19145
- AVRAMCHENKO, R. F.
Minimum time of an Earth-Mars-Earth flight with an uncontrolled low-thrust engine /Minimal'noe vremia pereleta Zemlia-Mars-Zemlia s neregulruemym dvigatelem maloi tiagi/. 17 p2941 A67-32240
- AWADALLA, E. S.
A direct matrix method for the elastic stability analysis of struts. 14 p2403 A67-29017
- AWATANI, J.
Ultrasonic fatigue testing. 03 p0524 A67-13550
- AWN, S. A.
Flight research program. VI. 09 p1455 A67-21717
- AXELROD, J. M.
Investigating failure mechanisms. 19 p3193 A67-35029
- AXFORD, W. I.
Shock waves in the interplanetary medium. [AFOSR-66-2638] 07 p1251 A67-19848
- Magnetic field variations in temperate zone sporadic-E layers. 07 p1179 A67-19849
- Viscous-transonic flow in the accretion and stellar-wind problems. 08 p1399 A67-21240
- Electron and ion temperature variations in temperate zone sporadic-E layers. 08 p1327 A67-21366

- The wind shear theory of the formation of temperate zone sporadic E layers. 10 p1644 A67-23258
- The interaction between the solar wind and the magnetosphere. 18 p3117 A67-33615
- Satellites in concert. 20 p3521 A67-36501
- Stellar collisions. 20 p3525 A67-36943
- The stability of ionization fronts. 24 p4224 A67-41816
- Cosmic rays in the interplanetary medium. 24 p4208 A67-41832
- Inertial confinement of extended radio sources. 24 p4226 A67-41881
- AXON, H. J.**
Kamacite-taenite relationships in iron meteorites. 06 p1087 A67-18377
- The Goose Lake meteorite and the Goose Lake fragments. 19 p3323 A67-35424
- Hot-working effects in the parent gamma-phase of iron meteorites. 24 p4232 A67-42609
- AXWORTHY, A. E.**
Kinetics of the gas phase pyrolysis of tetranitromethane. 01 p0019 A67-10765
- AYACHE, J.-C.**
Determination of the lifetime and the recombination mechanism in n-type Cd sub 0.23 Hg sub 0.77 Te alloy /Determination de la duree de vie et du mecanisme de recombinaison dans l'alliage Cd sub 0.23 Hg sub 0.77 Te de type n/. 24 p4205 A67-42664
- AYAKI, K.**
Amplification of microwaves by the interaction of an electron beam with a cesium plasma. 13 p2166 A67-26726
- Amplification of microwaves by the interaction of an electron beam with a cesium plasma. 21 p3668 A67-38605
- Spurious mode effects on the performance of helix type traveling wave amplifier. 22 p3775 A67-40462
- AYANT, Y.**
Calculation of noise in a parametric amplifier by an approximate classical method - Justification of the method by random functions /Calcul du bruit dans un amplificateur parametrique par une methode classique approchee - Justification de la methode par les fonctions aleatoires/. 12 p1913 A67-25300
- AYAS, J.**
Cd sub x Hg sub 1 sub -x Te infrared photovoltaic detectors. 14 p2366 A67-28496
- AYDELOTT, J. C.**
An experimental investigation of boiling in normal and zero gravity. 12 p2034 A67-25720
- AYERS, C. L.**
The reaction of nitric oxide with triphenylmethylperoxy radical. 20 p3377 A67-37138
- AYERS, D. L.**
The transient temperature distribution in a radiating cylinder. [ASME PAPER 67-HT-71] 20 p3550 A67-36751
- AYERS, R. A.**
Instrumentation for magnetic pulse metal forming. [SAE PAPER 660066] 01 p0078 A67-10569
- AYMAR, R. A.**
Acceleration of a plasma in a pinch configuration /Acceleration d'un plasma dans une configuration de striction/. 11 p1828 A67-23893
- AYRE, J. K.**
Controlling an astronomical radio telescope. 15 p2492 A67-29532
- AZAKAMI, T.**
Coupled strip transmission line with three center conductors. 02 p0193 A67-11777
- Slit-coupled strip transmission lines. 04 p0592 A67-14862
- Focusing lens for electromagnetic waves. 18 p3010 A67-33646
- AZALBERT, J. P.**
Minimum volume MHD generator /Generateur MHD a volume minimum/. 09 p1443 A67-21800
- Conditions for the use of disk-shaped ducts in MHD conversion /Conditions d'emploi des tuyeres disques en conversion MHD/. 16 p2603 A67-30566
- AZAROV, V. V.**
Electroluminescence and semiconducting properties of CdF sub 2 single crystals activated by rare earth ions. 24 p4205 A67-42693
- AZBELEV, N. V.**
Definition of the concept of a solution for an integral equation with a discontinuous operator /K voprosu ob opredelenii poniatia reshenia integral'nogo uravneniia s razryvnym operatorom/. 05 p0835 A67-16938
- AZEMA, J.**
On the additive functionals of the recurrent Markov processes /Sur les fonctionnelles additives des processus de Markov recurrents/. 18 p3071 A67-34182
- AZHUSENIS, A.**
Improved response curves and parameters of the U, B, V system. VI /Utochnenie krivyykh reaktcii i parametrov sistemy U, B, V. VI/. 22 p3883 A67-39767
- Improved response curves and parameters of the U, B, V system. VII /Utochnenie krivyykh reaktcii i parametrov sistemy U, B, V. VII/. 22 p3883 A67-39768
- AZHYMUDINOV, T.**
Representation of the eigenvalues of the first boundary-value problem of the theory of elasticity in terms of a contour integral /Predstavlenie sobstvennykh znachenii pervoi kraevoi zadachi teorii uprugosti cherez integral po konturu/. 17 p2962 A67-32832
- AZIMOV, S. A.**
Inelasticity of the interaction of cosmic ray particles with lead nuclei /Neuprugost' vzaimodeistvia chastits kosmicheskikh luchei s iadrami svintsu/. 02 p0315 A67-12756
- Inelasticity of the interaction of cosmic ray particles with lead nuclei. 22 p3876 A67-40258
- AZIZ, K.**
Numerical solution of the three-dimensional equations of motion for laminar natural convection. 11 p1774 A67-23861
- AZIZOV, A. M.**
Simplest heat absorbers under conditions where the temperature of the medium and the heat-transfer coefficient vary arbitrarily with time /Prostishie termopriemniki v usloviakh proizvol'no menialushchikhsya vo vremeni temperatury sredy i koeffitsienta teplootdachi/. 24 p4154 A67-42215
- AZIZOV, E. A.**
Certain characteristics of pulsed cascade plasma injectors /Nekotorye kharakteristiki kaskadnykh impul'snykh inzhektorov plazmy/. 19 p3297 A67-35597
- AZLAROV, T. A.**
A single-parameter apparatus for function approximation /Ob odnom odnopolarnom priblizhenii funktsii/. 11 p1813 A67-24849
- AZMON, E.**
Lunar vesiculation processes as related to Lunar and Surveyor probe data. 23 p4064 A67-40947
- AZOV, A. K.**
Dynamics of combined operation of transistors and tunnel diodes /K voprosu o dinamike sovmestnoi raboty tranzistorov s tunnel'nyimi diodami/. 06 p0970 A67-18170
- AZOVSKII, I. U. S.**
The interaction of plasmoids with an axially symmetric magnetic field. IV. 09 p1545 A67-21996
- Interaction between plasmoids and an axisymmetric magnetic field /Vzaimodeistvie plazmennyykh sgustkov s aksial'no-simmetrichnym magnitnym polem/. 15 p2525 A67-29246
- Interaction of magnetized plasmoids with a magnetic barrier /Vzaimodeistvie zamagnichennykh plazmennyykh sgustkov s magnitnym bar'ierom/. 15 p2525 A67-29247
- Plasmoid collisions in an axisymmetric magnetic field /Stolknovenie plazmennyykh sgustkov v aksial'nosimmetrichnom magnitnom pole/. 15 p2525 A67-29248
- Interaction of magnetized plasmoids with a "magnetic barrier." 23 p4035 A67-41685
- AZULAY, M.**
Some practical applications of "sealed" nickel cadmium batteries with charging arrangements adopted for various operational regimes. 09 p1446 A67-22189
- AZUMA, A.**
Aerodynamic characteristics of forced lead-lag rotor system. 09 p1437 A67-21741
- Dynamic analysis of the rigid rotor system. 13 p2054 A67-27588
- AZUMA, H.**
A method for observing phenomena in an arbitrary pipe flowfield of revolution. 21 p3610 A67-37810
- fluctuations at centimetre wavelengths. 02 p0198 A67-12033
- BAART, E. E.**
B and C "sources" of Jovian decametric radiation. 06 p1086 A67-18375
- BABA, Y.**
Aging phenomena lattice defects in Al-Zn and Al-Zn-Mg alloys. 11 p1809 A67-24947
- BABAA, I. M. H.**
DC to DC converter controlled by a magnetically-coupled multivibrator with asymmetrical output. 02 p0183 A67-12117
- BABAD, H.**
The McFadyen-Stevens synthesis of aliphatic aldehydes containing alpha-hydrogens. 04 p0565 A67-14524
- BABADZHANOV, P. B.**
Bright meteoric orbits according to photographic observations at Dushanbe and Odessa /Orbity larkikh meteorov po fotograficheskimi nabludeniim v Dushanbe i Odesse/. 06 p1084 A67-18165
- Determination of atmospheric temperature, pressure, and density from photographic observations of meteors. 07 p1174 A67-19708
- Orbits of bright meteors from photographic observations at Dushanbe and Odessa. 16 p2741 A67-30509
- Meteor structure /O strukture meteora/. 20 p3530 A67-37665
- BABAEV, A.**
Screening and semitransparent types of sporadic E layer /Ekranirovushchie i poluprozrachnye tipy sporadicheskogo sloia E/. 15 p2474 A67-29387
- Study of the dependence of f sub 0 E sub s on f sub b E sub s /Issledovanie zavisimosti f sub 0 E sub s ot f sub b E sub s/. 20 p3428 A67-36762
- BABAEV, M. A.**
Physically elongated nonlinear plate with a hole reinforced by a thin rod /Rastlanutala fizicheskii neilineinala plastinka s otverstiem, podkrepennym tonkim sterzhnem/. 02 p0341 A67-12665
- BABAEV, M. K.**
Investigation of electron-photon cascade showers in iron and lead in the energy range over 100 Bev /Issledovanie elektronno-fotonnykh kaskadnykh livnel v zheleze i svintse v oblasti energii vysshe 100 Bev/. 02 p0271 A67-12755
- Investigation of electron-photon cascades in iron and lead in the energy region above 100 Bev. 22 p3842 A67-40257
- Investigation of the angular distribution of shower particles during high-energy interactions /Issledovanie uglovogo raspredeleniia vlvnelli vnevnykh chastits vo vzaimodeistviiakh pri vysokikh energiakh/. 24 p4217 A67-42828
- BABAEVA, A. A.**
Mixed problem of a degenerate second-order hyperbolic equation with discontinuous coefficients /Smeshannala zadacha dlia vyrozhdalushchegosia giperbolicheskogo uravneniia vtorogo poriadka s razryvnymi koeffitsientami/. 05 p0834 A67-16494
- BABAEVA, E. V.**
Examination of 1Kh12VNMf-steel rotor forgings /Issledovanie stal' 1Kh12VNMf rotornykh pokovok/. 22 p3819 A67-39323
- BABAIA, KH. P.**
Investigation of ionization bursts at mountain altitudes /Izuchenie ionizatsionnykh tolchkov na urovne gor/. 02 p0315 A67-12758
- Evaluation of the effective cross-section of the inelastic interaction of primary 10 super 12 ev protons with atmospheric atomic particles /Otsenka effektivnogo secheniia neuprugogo vzaimodeistvia pervichnykh protonov s energiei 10 super 12 ev s atomnymi iadrami atmosfery/. 02 p0315 A67-12759
- Comments on a model of the formation of extensive air showers /Zamechania ob odnoi modeli obrazovaniia shirokikh atmosferynykh livnel/. 02 p0319 A67-12785
- Measurement of the intensity of nuclear-active particles at mountain altitudes /Izmerenie intensivnosti laderno-aktivnykh chastits na vysotakh gor/. 21 p3698 A67-38293
- Investigation of ionization bursts at mountain altitudes. 22 p3876 A67-40260
- Evaluation of the cross section for inelastic interaction of 10 super 12 ev primary protons with air nuclei. 22 p3876 A67-40261
- Concerning a model of extensive air shower formation. 22 p3878 A67-40267

- Energy spectrum of nuclear-active particles at mountain altitudes /Energeticheskiy spektr ladnoaktivnykh chastits na vysotakh gor/. 24 p4218 A67-42834
Study of high-energy gamma-quanta produced during nuclear interactions /Issledovanie vysokoennergichnykh gamma-kvantov, generirovannykh v ladernykh vzaimodelstviakh/. 24 p4218 A67-42835
- BABAIA, S. A.
Interaction between a plane electromagnetic wave and a moving medium /Vzaimodelstvie ploskol elektromagnitnoi volny s dvizhushchetsia sredoi/. 21 p3581 A67-38292
- BABANOV, I. U. N.
Optimum AM radio reception in the presence of an interference AM signal and fluctuating noise /Optimal'nyi radiopriem AM v usloviakh deistviia meshalushchego AM signala i fluktuatsionnogo shuma/. 04 p0588 A67-14451
Optimum reception of a radio-frequency amplitude-modulated signal in the presence of an unwanted amplitude-modulated signal and fluctuation noise. 15 p2435 A67-29288
- BABAREKO, A. A.
X-ray diffraction study of the geometry of plastic flow and deformation blocking in molybdenum single crystals. 08 p1342 A67-20809
- BABARY, J. P.
Analysis of two base-resistance measuring methods /Sur deux methodes de mesure de la resistance de base/. 05 p0807 A67-16949
- BABARYKIN, V. K.
Measurements of cosmic ray intensity in the stratosphere above the Arctic and Antarctic. 02 p0310 A67-12573
- BABB, C. D.
Saturn IB flight test loads investigation. 10 p1713 A67-23734
The IBM system/4 PI CP-2 computer. 17 p2820 A67-32500
- BABB, H. E.
Ultrasonic inspection of adhesively bonded components. 09 p1507 A67-22526
- BABCHINSKII, F. V.
The effect of hyperoxia on the formation of toxic lipids in rats /Vlianie giperoksii na obrazovanie toksicheskikh lipidov u krysov/. 24 p4112 A67-41854
- BABCOCK, C. D., JR.
The influence of the testing machine on the buckling of cylindrical shells under axial compression. 22 p3909 A67-39291
- BABCOCK, H. W.
The Zeeman effect in astrophysics. 12 p2010 A67-26235
Optical astronomy in perspective. 15 p2563 A67-30393
- BABECKI, A. J.
Fatigue phenomena in small metallurgically-bonded joints. 01 p0084 A67-11359
An analysis of failures in spacecraft. 07 p1193 A67-20253
Lubricant life tests on ball bearings for space applications. [ASLE PAPER 66AM 7A3] 08 p1335 A67-21036
Materials problems in satellites. 10 p1670 A67-23740
Analysis of a spacecraft relay failure. 13 p2085 A67-27697
Metallurgical aspects of reliability for small nitrided parts. 18 p3058 A67-34876
- BABEI, I. U. I.
A method of determining axial residual stresses in metal surface layers. 19 p3343 A67-35844
- BABEL, H. W.
Textured titanium in design. 04 p0711 A67-15242
A comparison of methods for correlating texturing with the biaxial strengths of titanium alloys. 08 p1340 A67-20363
- BABENKO, L. V.
Numerical estimates of the minimized functional in optimal-response problems /Chislennoe postroyeniye otsenok minimaliziruemogo funktsionala v zadachakh na optimal'noe bystrodelstvie/. 17 p2830 A67-32869
- BABENKO, V. I.
Determination of the lower critical load for spherical shells /K opredeleniiu nizhnego kriticheskoi nagruzki dlia sfericheskikh obolochek/. 12 p2021 A67-25580
- BABER, B. B.
Oxidation-corrosion characteristics of aircraft turbine engine lubricants. 14 p2326 A67-28794
Effects of lubricants, metals, temperature, and atmospheric environments on gear load-carrying capacity. [ASME PAPER 67-LUB-27] 24 p4164 A67-42685
- BABER, H. T., JR.
Definition of a rocket vehicle for synoptic meteorological soundings. 08 p1404 A67-20497
- BABESHKO, V. A.
Effective method of solving some integral equations of the theory of elasticity and mathematical physics /Ob odnom effektivnom metode resheniya nekotorykh integral'nykh uravnenii teorii uprugosti i matematicheskoi fiziki/. 10 p1721 A67-23671
On an asymptotic method applicable to the solution of integral equations in the theory of elasticity and in mathematical physics. 15 p2574 A67-29691
On an effective method of solution of certain integral equations of the theory of elasticity and mathematical physics. 21 p3719 A67-38272
- BABICH, D. V.
Effect of moment stresses on the frequency of the natural oscillations of a cylindrical shell /O vlianii momentnykh napriazhenii na chastoty sobstvennykh kolebani tsiilndricheskoi obolochki/. 14 p2401 A67-28735
- BABICH, L. A.
Bending of a shallow helicoidal cantilever shell of variable thickness /Izgi b pologoi gellikoidal'noi konsol'noi obolochki peremennoi tolshchiny/. 05 p0915 A67-16220
- BABICH, V. M.
Conservation of energy during the propagation of unsteady waves /O sokhraneni energii pri rasprostraneni nestatsionarnykh voln/. 14 p2349 A67-28633
- BABICHEV, A. I.
Rotational motion of a sphere in an elastic medium /Vrashchatel'noe dvizheni shara v uprugoi srede/. 07 p1223 A67-19219
- BABICHEV, A. P.
Peculiarities of a toroidal discharge at low plasma densities /Osobennosti toroidal'nogo razladi pri maloi plotnosti plazmy/. 02 p0277 A67-12617
Features of a toroidal discharge at low plasma density. 13 p2170 A67-27373
- BABICHUK, A.
Age limitations of flying personnel /Vozrastnye ogranicheniya letnogo sostava/. 22 p3758 A67-40542
- BABIKOV, M. A.
Accuracy of optimal control systems. 20 p3410 A67-37231
- BABIN, V. P.
Parametric optimization of a multiscascade thermocell composed of half-cells of arbitrary shape /Optimizatsiya parametrov mnogokaskadnogo termoelementa iz poluelementov proizvol'noi formy/. 13 p2174 A67-26370
Further operating condition for a thermoelectric generator. 22 p3747 A67-39429
- BABINEAUX, T. L.
Influence of atmospheric composition on hypersonic stagnation-point convective heating. [AIAA PAPER 66-29] 05 p0928 A67-17337
- BABINGTON, W.
A high damping magnesium alloy for missile application. 04 p0638 A67-15175
- BABINSKY, A. D.
An experimental carbon dioxide concentrating system. 23 p3965 A67-41578
- BABISKIN, J.
The Fermi surface of tin telluride - Shubnikov-de Haas effect. 06 p1065 A67-18950
Shubnikov-de Haas effect in SrTiO sub 3. 18 p3104 A67-34592
- BABITSKII, A. F.
Formation of vapor bubbles in cavitation and boiling /Vozniknoveniie parovykh puzyr'kov pri kavitatsii i kipiении/. 17 p2970 A67-32463
- BABJAK, S. J.
Recent developments in external coatings for spacecraft. [SAE PAPER 660653] 04 p0630 A67-15785
Space environment simulation for thermal control materials. 12 p1924 A67-25711
Insulation requirements for Voyager mission. [AIAA PAPER 67-777] 24 p4257 A67-42945
- BABKIN, G. V.
Calculation of the equilibrium properties of a lithium plasma /Raschet ravnovesnykh svoystv litievoi plazmy/. 16 p2721 A67-31389
- BABKIN, V. A.
Kinematics of a continual-dislocation medium /Kinematika kontinual'no-dislokatsionnoi sredy/. 02 p0338 A67-11966
Kinematics of a continuously dislocated medium. 17 p2966 A67-33283
- BABKIN, V. S.
Energy losses in explosions in a sphere. 06 p1113 A67-17963
Study of the normal rate for methane-air mixture flames at high pressures /Issledovanie normal'noi skorosti plameni metano-vozdushnykh smesei pri vysokikh davleniyakh/. 07 p1239 A67-19313
- BABLOIAN, A. A.
Contact problem of torsion for an elongated ellipsoid of revolution /Obodnoi kontaktnoi zadache krucheniia vytiannutogo ellipsoida vrashcheniia/. 03 p0530 A67-14199
Torsion of a half-sphere /Krucheniye polusfery/. 05 p0919 A67-16584
Solution of certain dual equations occurring in the theory of elasticity /Resheniye nekotorykh parnykh uravnenii, vstrechalushchikhsia v zadachakh teorii uprugosti/. 22 p3909 A67-39397
- BABONAS, G. A.
Oscillations in the electrical absorption of light in cadmium telluride /Otsililiatsii elektropogloshcheniia v telluride kadmia/. 19 p3301 A67-34772
- BABROV, H. J.
Use of the Curtis-Godson approximation in calculations of radiant heating by inhomogeneous hot gases. 02 p0342 A67-12050
- BABUKHA, G. L.
Approximate method for estimating the maximum heating temperature of the smallest fraction of a polydisperse material in a vertical two-phase flow /Priblizhennyy metod otsenki maksimal'noi temperatury nagreva naibolee melkoi fraktsii polydispersnogo materiala v vertikal'nom dvukhfaznom potoke/. 17 p2970 A67-32462
- BABURIN, V. M.
Use of the regularization method in solving the Wiener-Hopf integral equation from experimental data /Vikoristanniia metody regularizatsii dlia rozv'iazanniia integral'nogo rvianniia Vinera-Khopfa za danimi eksperimentu/. 03 p0374 A67-13083
- BABUSHKIN, A. A.
Method for measuring the width of the sensitive region in p-i-n detectors during a lithium drift process /Metod izmereniia shiriny chuvstvitel'noi oblasti p-i-n-detektorov v protsesse dreifa litliia/. 05 p0872 A67-17500
- BACAL, M.
Experimental investigation of some particularities of electron motion in a crossed-field thermionic converter. 14 p2246 A67-27766
- BACH, G. G.
Shock propagation in solid media. [AIAA PAPER 67-141] 06 p1102 A67-18290
- BACH, G. R.
Bremsstrahlung and recombination radiation of atomic and ionic oxygen. 19 p3299 A67-36093
- BACH, R. E., JR.
Design of a highly-efficient PWM power supply. 08 p1284 A67-20693
- BACH, T.
Frequency shift of the lines emitted by a complex atom subjected to a uniform external electric field - Application to aluminum /Deplacement de frequence des raies emises par un atome complexe soumis a un champ electrique exterieur uniforme - Application a l'aluminium/. 13 p2168 A67-27208
- BACHELET, F.
Cosmic rays and large distance features of the interplanetary space. 13 p2191 A67-26323
- BACHELIS, R. D.
On nonuniqueness of the stationary solution of the system of equations on the theory of combustion. 11 p1882 A67-24158
- BACHER, J.
Analysis of the operating parameters of secondary batteries in an orbiting space vehicle application. 24 p4106 A67-42522
- BACHERT, H.
Spectral investigation of emission inhomogeneities in GaAs injection lasers. 07 p1197 A67-20185
- BACHMAN, C. H.
Some psychomotor and physiological tests

- on humans exposed to air
lons. 09 p1452 A67-21720
- BACHMANN, P.**
Landau damping in anisotropic plasmas
/Zur Frage der Landau-Dämpfung im
anisotropen Plasma/. 03 p0474 A67-12920
Solution of the linearized Vlasov equation
for an anisotropic electron plasma /Lösung
der linearisierten Wlassow-Gleichung fuer
ein anisotropes
Elektronenplasma/. 17 p2907 A67-33104
- BACHOFER, B. T.**
Effective guidance and control
redundancy.
[AIAA PAPER 67-555] 19 p3257 A67-35952
- BACHYNSKI, M. P.**
Sources in plasmas. 12 p1908 A67-26162
Sources in unbounded
plasmas. 14 p2359 A67-28464
Laboratory geophysics and
astrophysics. 14 p2294 A67-29035
Interaction of a dipole magnetic field with
a moving plasma. 19 p3288 A67-35387
Reflection of circularly polarized
electromagnetic waves from an anisotropic
plasma. 20 p3389 A67-37707
- BACIGALUPI, R. J.**
Dependence of adsorption properties on
surface structure for body-centered-cubic
substrates. 08 p1355 A67-20719
- BACK, K. C.**
Evaluation of animals continuously
exposed to a 5 psia pure oxygen atmosphere
for eight months. 23 p3952 A67-41574
- BACK, L. H.**
Detection of oblique shocks in a conical
nozzle with a circular-arc
throat. 04 p0547 A67-14833
Some observations on reduction of
turbulent boundary-layer heat transfer in
nozzles. 04 p0723 A67-14837
Laminar boundary-layer heat transfer from
a partially ionized
monatomic gas.
[JPL-TR-32-1143] 15 p2523 A67-29219
Flow and heat transfer in a turbulent
boundary layer with large acceleration
parameter.
[JPL-TR-32-1119] 16 p2659 A67-30953
Flow phenomena and convective heat
transfer in a conical supersonic
nozzle. 19 p3169 A67-34814
- BACKOFEN, W. A.**
Yielding and plastic deformation in
textured sheet of titanium and its
alloys. 06 p1016 A67-17900
Superplasticity in some titanium and
zirconium alloys. 18 p3064 A67-34083
The Knoop-hardness yield loci for two
titanium alloys. 21 p3646 A67-38777
- BACON, D. D.**
Energy gap of V sub 3
Si. 03 p0492 A67-13327
- BACON, D. W.**
Models for forecasting seasonal and non-
seasonal time series. 20 p3477 A67-36790
- BACON, M. D.**
Unsymmetric free vibrations of
orthotropic sandwich shells of
revolution. 08 p1417 A67-20555
- BACZYNSKI, Z. F.**
Thermal stresses in a thin-walled open
spherical shell /Naprezenia termiczne w
cienkiej otwartej powloce
kulistej/. 07 p1262 A67-19348
- BADAEV, V. G.**
Cross section of the phase diagram of the
system Al-Cu-Cd-Mn with a constant
manganese concentration at 500 deg C
/Razrez diagrammy sostoiannia sistemy Al-
Cu-Cd-Mn pri postoiannom soderzhanii
margantsa pri temperature 500 deg
C/. 07 p1201 A67-19251
Variation of the hardness of alloys of the
system Al-Cu-Cd-Mn-Li as a function of
composition and aging conditions /Izmenenie
tverdsti spлавov sistemy Al-Cu-Cd-Mn-Li v
zavisimosti ot sostava i rezhimov
starenia/. 07 p1201 A67-19252
- BADALOV, A. Z.**
The reactive properties of reverse-biased
silicon p-n junction. 05 p0869 A67-17171
- BADALOV, M. F.**
Phenomenon of secondary tunneling in
GaSb. 05 p0861 A67-16395
Investigation of tunnel p-n junctions in
gallium antimonide /Issledovanie tunnel'nykh
p-n perekhodov v antimonide
gallia/. 18 p3098 A67-33573
- BADAMI, D. V.**
Microstructure of high strength, high
modulus carbon fibres. 19 p3248 A67-35428
- BADE, E.**
Power of arrest. 14 p2246 A67-28817
- BADE, W. L.**
A new determination of the thermal
conductivity of nitrogen
plasma. 19 p3287 A67-35358
- BADER, M.**
Research activities of the NASA CV-990
aircraft during the
past
year. 13 p2090 A67-27258
- BADEWITZ, C. J.**
Settling on the moon. 14 p2318 A67-28290
- BADGETT, C. O.**
Corrosion detection with a beta radiation
probe. 02 p0245 A67-12218
- BADGLEY, F. I.**
A constant temperature wind component
meter and its performance
characteristics. 10 p1654 A67-22822
- BADGLEY, P. C.**
Current status of NASA's natural
resources program. 01 p0168 A67-10326
NASA earth-sensing
space flight
experiments. 12 p1940 A67-25433
- BADHWAR, G. D.**
The energy dependence of the isotopic
composition of helium nuclei in the primary
cosmic radiation. 03 p0505 A67-12956
- BADIA, M.**
Diffusion in the cobalt-nickel
system. 11 p1808 A67-24772
- BADILLO, V. L.**
Equatorial spread-F and tropospheric
tropical disturbances. 04 p0612 A67-14653
- BADIN, J., JR.**
Group forces - Resistance or counterpart
to ADP systems design.
[ASME PAPER 66-WA-MBT-10] 04 p0740 A67-15334
- BADINOV, I. IA.**
Direct solar radiation up to 30 km and
stratification of attenuation components in
the stratosphere. 07 p1170 A67-19390
- BADLEVSKII, IU. N.**
Maximum values of the electronic
efficiency of a traveling wave tube and their
dependences on the dimensionless and
dimension parameters of the
tube. 11 p1764 A67-24465
- BADRAN, F. M. F.**
Plane finite deformations of viscoelastic
bodies /Nekotorye voprosy prostoi konechnoi
deformatsii vliazko-uprugikh
tel/. 02 p0338 A67-12238
- BADZIAK, W.**
Calorimeter for laser energy and output
power /Kalorimetryczny miernik energii i
mocy wyjscowej
laserow/. 03 p0437 A67-13536
- BAENTELI, G. J.**
Potassium turbine erosion
experiment. 24 p4184 A67-42493
- BAER, A. D.**
An approximate but complete model for
the ignition response of solid
propellants. 15 p2581 A67-29988
- BAER, E.**
Model for dropwise condensation on
randomly distributed
sites. 08 p1426 A67-20925
- BAER, J.**
Business forecasting for communication
satellite systems.
[AIAA PAPER 66-322] 06 p1120 A67-17708
- BAER, W. S.**
Electron transport in single-domain,
ferroelectric barium
titanate. 16 p2729 A67-31060
- BAERTSCH, R. D.**
Noise in silicon double-base
diodes. 04 p0585 A67-15619
- BAEURLE, K. W.**
Airport lighting requirements for Cat. II
landings /Forderungen an die
Flughafenbefuerung fuer Landungen nach
Betriebsstufe II/. 07 p1187 A67-20150
- BAEV, B. S.**
Possibility of preserving the position of
the center of pressure of a thin profile
when its trailing edge is deflected /O
vozmozhnosti sokhraneniia polozenia
tsentra davleniia tonkogo profil'a pri
otklonenii ego khvostovoi
chasti/. 02 p0179 A67-12438
Effect of air suction on the moment
characteristics of a cranked slender profile
/Vlianie otsasyvaniia vozdukh'a na
momentnye kharakteristiki tonkogo profil'a s
izlomom/. 21 p3564 A67-38043
- BAEVA, N. N.**
Cryopump for creating a superhigh
vacuum /Krlonasos dlia poluchenia
sverkhvysokogo
vakuuma/. 06 p0950 A67-17940
Cryopump for the obtention of ultrahigh
vacuum. 18 p2988 A67-33776
- BAEVSKII, R. M.**
Method of programed physiological
measurements and experience in its
application aboard the spacecraft Voskhod
/Metodika programmirovannykh
fiziologicheskikh izmerenii i opyt
eeprimeniia na kosmicheskoi korable
"Voskhod"/. 02 p0185 A67-11546
Use of onboard computers for medical
tests and research during space flights
/Problemy ispol'zovaniia bortovykh
vychislitel'nykh mashin dlia vrachebnogo
kontroll'a i meditsinskikh issledovanii v
kosmicheskoi polete/. 13 p2062 A67-26762
Problems of diagnostic information
collection in space flight as one of the
medical cybernetics trends /Problema sbora
diagnosticheskoi informatsii v usloviakh
kosmicheskoi poleta kak odno iz
napravlenii meditsinskoi
kibernetiki/. 16 p2617 A67-30763
A method of programmed physiological
measurements and experience in its use on
the "Voskhod" spaceship. 16 p2614 A67-31612
- BAGAEV, S. N.**
Emission polarization and frequency
characteristics of annular lasers with
triangular resonators /O polarizatsii
izlucheniia i chastotnykh kharakteristikakh
kol'tsevykh lazerov s rezonatorom treugol'noi
formy/. 09 p1512 A67-21923
The polarization of radiation and the
frequency characteristics of ring lasers with
a triangular resonator. 14 p2330 A67-28252
- BAGAEV, V. S.**
The polarization of radiation from gallium
arsenide diodes. 01 p0034 A67-10090
Some thermal effects in GaAs
lasers. 10 p1666 A67-23568
- BAGAN, M. F.**
Historical progress in cost reduction of
VTOL aircraft operations.
[AIAA PAPER 67-826] 24 p4096 A67-42973
- BAGAUDINOV, G. N.**
Solution of the Cauchy problem for
certain functional equations in nonlinear
spaces /Reshenie zadachi Koshi dlia
nekotorykh funktsional'nykh uravnenii v
nelineinykh
prostranstvakh/. 18 p3073 A67-34603
- BAGBY, J. P.**
Radio anomalies associated with an
ephemeral satellite still in
orbit. 21 p3582 A67-38514
- BAGDASARIAN, G. E.**
Flutter of a cylindrical shell in the flow
of a compressible conducting fluid in the
presence of a magnetic field /Flatter
tsilindricheskoi obolochki v potoke
szhimaemol provodiashchei zhidkosti v
prisutstvi magnitnogo
pol'a/. 06 p1106 A67-18622
Oscillations and stability of a cylindrical
shell in a conducting gas flow in the
presence of a magnetic field /Kolebaniia i
ustoiichivost' tsilindricheskoi obolochki v
potoke provodiashchego gaza pri nalichii
magnitnogo pol'a/. 12 p2021 A67-25581
- BAGDASAROV, IU. E.**
Calculation of unsteady thermoelastic
stresses in a plane wall /Graschet
nestatsionarnykh termouprugikh napriazhenii
v ploskoi stenke/. 13 p2219 A67-27059
- BAGDASAROV, KH. S.**
Laser with neodymium-activated alpha-
gagarinite. 15 p2496 A67-29360
Analysis of the optical spectra and
stimulated radiation of Y sub 3 Al sub 5 O
sub 12 -Nd super 3 super plus
crystals. 16 p2726 A67-30810
Influence of block structure and slip
planes on the divergence of the laser
radiation of ruby crystals. 21 p3642 A67-38968
- BAGDOEV, A. G.**
Some nonlinear problems of the motion of
compressible fluid /Nekotorye nelineinye
zadachi o dvizhenii szhimaemol
zhidkosti/. 18 p3025 A67-33715
Investigation of the vicinity of a parabolic
line in the problem of pressure applied to a
fluid boundary /Issledovanie okrestnosti
parabolicheskoi linii v zadache o davlenii,
prilozhennom k granitse
zhidkosti/. 22 p3784 A67-39826
- BAGDUEV, G. B.**
Effect of a change in the type of chemical

- bonds on the thermal conductivity, microhardness, and thermal EMF of semiconductor /Viliane izmeneniia tipa khimicheskoi svyazi na teploprovodnost', mikrotrvdost' i termoeds poluprovodnikov/. 18 p3096 A67-33451
- BAGGULEY, D. M. S.**
Zeeman effect of acceptor states in semiconducting diamond. 06 p1062 A67-18927
Microwave absorption phenomena in rare earth metals. 23 p4036 A67-40710
- BAGINSKI, W. A.**
Diffusion welding of dissimilar metals. 07 p1190 A67-19214
- BAGIROVA, D. M.**
Solution of a set of two partial differential equations with variable coefficients and application of the solution to the theory of extended cylindrical shells /Reshenie odnoi sistemy dvukh differentsial'nykh uravnenii v chastnykh proizvodnykh s peremennymi koeffitsientami s primeneniem ego v teorii dlennykh tsilindricheskikh obolochek/. 12 p2022 A67-25582
- BAGIRZADE, T. M.**
Augmentation of resources of raw materials for the production of aviation oil /Uvelichenie resursov syr'ia dlia polucheniia aviatsionnoi aviamasel/. 04 p0627 A67-14742
- BAGLIN, F. G.**
Far-infrared spectra and space group of crystalline hydrazine and hydrazine-d sub 4. 23 p4048 A67-41532
- BAGNAL, C. W.**
Rarefied gas flow between parallel plates based on the discrete ordinate method. 13 p2092 A67-26277
- BAGNULO, A. H.**
Design and construction of ground support equipment for the Apollo/Saturn V lunar landing mission. [AIAA PAPER 67-247] 07 p1185 A67-20065
- BAGOTZKII, V. S.**
Some aspects of the oxygen reduction mechanism. 09 p1458 A67-22188
- BAGROWSKI, J.**
Interconnection of monolithic integrated circuits through the use of advanced materials and techniques. 08 p1303 A67-21189
- BAHAR, E.**
Simulation of curvature in a straight model waveguide. 01 p0040 A67-11310
Propagation of radio waves in a model nonuniform terrestrial waveguide - Theory and experiment. 02 p0198 A67-12070
Propagation in microwave model waveguide of variable surface impedance - Theory and experiment. 04 p0570 A67-14865
Generalized scattering matrix equations for waveguide structures of varying surface impedance boundaries. 11 p1751 A67-23968
- BAHCALL, J. N.**
Phenomenological limits on the absorbing regions of quasi-stellar sources. 19 p3330 A67-36082
- BAHL, O. P.**
Loops and spirals on thermally etched surfaces of cleaved NaCl crystals. 04 p0675 A67-14781
- BAHL, S. K.**
On the stress distribution round a circular hole in an infinite elastic plate. 08 p1422 A67-21167
Hall effect in thin metal films. 22 p3855 A67-39355
- BAHN, G. S.**
Status report of effort on engineering selection of reaction rate constants for gaseous chemical species at high temperatures, with a review of H plus CO sub 2 equals OH plus CO and CO sub 2 plus M equals O plus CO plus M. [CI PAPER 67-11] 19 p3345 A67-35006
- BAHR, A.**
Diagnostic studies of ion sources at the DFL /Diagnostische Arbeiten ueber Ionenquellen bei der DFL/. 03 p0504 A67-13494
- BAHR, G.**
Continuous electron beam processing plant for plane thin-film resistors. 04 p0600 A67-15479
- BAHRAMAN, A.**
Electrooptic junction modulators. 21 p3684 A67-38453
- BAHRS, D. L.**
Airborne software with compatibility. 08 p1297 A67-20631
- BAHUN, C. J.**
Evaluation of refractory fabrics for flexible heat shields. 07 p1212 A67-20262
- BAI, A. S.**
Oxidation mechanism of titanium alloys with up to 11 percent aluminum content /O mekhanizme oksilenia splavov titana, soderzhashchikh do 11 percenta aluminia/. 05 p0829 A67-16492
Some features of the oxidation of titanium. 05 p0829 A67-16759
Mechanism of oxidation of alloys of titanium containing up to 11 percent aluminum. 17 p2875 A67-33175
- BAIAREVICH, V. V.**
Measurements of cosmic ray intensity in the stratosphere above the Arctic and Antarctic. 02 p0310 A67-12573
- BAIBULATOV, R. B.**
Determination of the daytime profile of the electron concentration in the C and D layers of the ionosphere from measurements of the surface fields, ultralong radio waves, and atmospheric pressure profile /Opredelenie dnevnogo profilja elektronnoi kontsentratsii sloev C i D ionosfery po izmereniam nazemnykh polei sverkhdlennykh radiovoln i profilu atmosfernogo davleniia/. 05 p0801 A67-17131
Effect of the earth's magnetic field on the propagation of ultralong radio waves around the earth /Vlianie zemnogo magnitnogo polia na rasprostranenie sverkhdlennykh radiovoln vokrug zemli/. 15 p2479 A67-30168
Determination of the daytime electron concentration profile of the C and D layers of the ionosphere from measurements of the surface fields of ultralong radio waves and from the atmospheric pressure profile. 21 p3619 A67-38474
- BAIBURIN, V. B.**
Calculation of space-charge fields of a planar magnetron. 03 p0385 A67-13954
- BAICRY, J.**
Study of plastic deformation mechanisms of polycrystalline beryllium between 80 and 500 deg K /Contribution a l'etude des mecanismes de deformation plastique du Be polycristallin entre 80 et 500 deg K/. 13 p2138 A67-27121
- BAIDAKOV, L. A.**
Investigation of the electric conductivity of the arsenic-sulfur system in the vitreous state. 06 p1053 A67-18614
- BAIDAROVA, N. P.**
Improvement of the orbits of 20 minor planets /Uluchshenie orbit 20 mal'kikh planet/. 20 p3523 A67-36629
- BAIGUBEKOV, A. S.**
Investigation of electron-photon cascade showers in iron and lead in the energy range over 100 Bev /Issledovanie elektronno-fotonnykh kaskadnykh livnel v zheleze i svintse v oblasti energii vyshhe 100 Bev/. 02 p0271 A67-12755
Investigation of electron-photon cascades in iron and lead in the energy region above 100 Bev. 22 p3842 A67-40257
Cross section of interactions between nuclear-active particles and atomic nuclei of lead at 10 super 11 ev /Sechenie vzaimodelstviia laderno-aktivnykh chastits s atomnymi ladrami svintsa pri energii 10 super 11 ev/. 24 p4219 A67-42844
- BAIKOV, A. E.**
Some reactions of the cardiovascular and respiratory systems of cosmonauts during the Voskhod-2 orbital flight /Nekotorye reaktsii serdечно-sosudistoi i dykhatel'noi sistem kosmonavtov v orbital'nom poletе na kosmicheskoi korabli "Voskhod-2"/. 09 p1454 A67-22384
- BAIKOV, I. S.**
Hydrodynamic drift-dissipation instability of plasma with nonuniform temperature /Gidrodinamicheskie drel'fovo-dissipativnye neustoiichivosti plazmy s neodnorodnoi temperaturoi/. 03 p0478 A67-13298
Hydrodynamic drift-dissipative instabilities of a plasma with non-uniform temperature. 04 p0683 A67-14721
Stabilization of hydrodynamic drift oscillations in a rotating, inhomogeneous plasma cylinder. 06 p1040 A67-18092
- BAIKOVA, L. G.**
Nature of the damage of high-strength glass and possibilities of protecting glass. 20 p3473 A67-36159
- BAILEY, A. B.**
High-speed sphere drag in the transition-flow regime in an aeroballistic range. 14 p2242 A67-28172
- BAILEY, B.**
H sub 2 O sub 2 oxygen supply system cuts weight and space requirements. 22 p3747 A67-39693
- BAILEY, D. A.**
Heat transfer to fully developed liquid metal flow in tubes. 20 p3555 A67-37608
- BAILEY, D. H.**
Distortion of the magnetosphere during a magnetic storm on September 30, 1961. 07 p1180 A67-19924
- BAILEY, D. J.**
The relationship between dislocation density and flow stress in materials deforming by a Peleris-Nabarro mechanism. 06 p1053 A67-18755
- BAILEY, D. K.**
Characteristics of precipitated electrons inferred from ionospheric forward scatter. 03 p0410 A67-12957
- BAILEY, F. R.**
Sonic-point convergence with the method of integral relations. 21 p3614 A67-38879
- BAILEY, H. N.**
Observation of an emission peak at plasma cutoff. 17 p2901 A67-32369
- BAILEY, J. A.**
Acoustic technique for use in some solidification rate studies. 12 p1946 A67-25985
- BAILEY, L. G.**
Preparation and properties of III-V compounds for radiative processes. 11 p1847 A67-24736
- BAILEY, M. A.**
Morphological changes in human scalp hair roots during deprivation of protein. 19 p3177 A67-34954
- BAILEY, M. C.**
Design of dielectric-covered resonant slots in a rectangular waveguide. 23 p3978 A67-40824
- BAILEY, P.**
The first and second boundary value problems for nonlinear second order differential equations. 04 p0647 A67-15742
- BAILEY, R.**
A fast warmup crystal oscillator for frequencies between 5 and 10 Mc/s. 15 p2445 A67-29584
- BAILEY, R. V.**
Mass transport and heat transfer in fuel cell systems. 20 p3363 A67-37014
- BAILEY, R. W.**
Escape system requirements for U.S. Army aircraft in Vietnam. 17 p2794 A67-31998
- BAILEY, T. L.**
Collision-induced dissociation of D sub 2 super plus ions by argon and nitrogen. 05 p0848 A67-16834
Energetic and angular studies of ArD super plus and N sub 2 D super plus formation. 05 p0848 A67-16835
- BAILIE, J. A.**
Panel flutter in hypersonic flow. 10 p1593 A67-23735
- BAILIN, L. J.**
Effects of combined space radiation on some materials of low solar absorbance. 15 p2506 A67-29547
- BAILLY, F.**
Structure of thin films prepared by short-distance evaporation-diffusion under isothermal conditions /Sur la structure des couches minces preparees par evaporation-diffusion a courte distance en regime isotherme/. 09 p1557 A67-22573
Thermodynamic properties of a system in interdiffusion /Proprietes thermodynamiques d'un systeme en interdiffusion/. 09 p1581 A67-22597
- BAILY, N. A.**
Some characteristics of lithium-drifted silicon structures. 23 p4044 A67-41456
- BAILYN, M.**
Phonon-drag part of the thermoelectric power in metals. 16 p2731 A67-31445
- BAIN, R. W.**
A configuration study for an ELDO-PAS test satellite based on communications requirements. 17 p2955 A67-32396
- BAINES, D. J.**
Aeroelasticity as a consideration in aerodynamic design of rolling, unguided, research rockets. 08 p1416 A67-20529
- BAINES, W. D.**
A temperature probe for the determination of heat transfer at a wall in turbulent flow. 18 p3160 A67-34165
- BAINOV, D. D.**
Theory of transistorized LC oscillators with n tank circuits /O teorii tranzistornykh

- LC-generatorov s n kolabatel'nyimi konturami/. 06 p0972 A67-18894
- Method for solving a quasi-linear automatic system with n degrees of freedom in the cases of incommensurable frequencies /Metod resheniya avtomatnoy kvazilineinoy sistemy s n stepeniami svobody v sluchae nesolzhmerimyykh chastot/. 10 p1673 A67-22935
- BAINTON, G. W.**
Fabrication of filament wound boron reinforced composites for re-entry vehicle applications. 08 p1345 A67-20435
- BAINTON, K. F.**
Auxiliary ionization methods for closed-cycle MHD generators. 09 p1443 A67-21810
MHD power generation experiments using seeded inert gases. 16 p2601 A67-30548
- BAIIOCCHI, C.**
Solutions of the n-dimensional Navier-Stokes system. I /Sulle soluzioni del sistema di Navier-Stokes in dimensione n. I/. 13 p2145 A67-26509
Solutions of the n-dimensional Navier-Stokes system. II /Sulle soluzioni del sistema di Navier-Stokes in dimensione n. II/. 13 p2145 A67-26604
- BAIRACHENKO, I. V.**
Nature of resonance phenomena during radio wave scattering in meteor trail models /O prirode rezonansnykh lavlenii pri rasselanii radiovoln na modellakh meteornykh sledov/. 04 p0700 A67-15226
Distribution of meteoritic bodies according to energies - An experiment at lambda equals 9.59 m /O raspredelenii meteornykh tel po energiiam - Eksperiment na lambda equals 9.59m/. 04 p0701 A67-15228
Statistical characteristics of meteor radio echoes in the epoch of the Geminids stream in 1963 /Statisticheskie kharakteristiki meteornykh radioekho v epokhu potoka Geminid 1963 g./. 05 p0889 A67-16205
Some results of the use of trains of the intermediate type for measuring the electron density in a meteor train /Nekotorye rezul'taty ispol'zovaniya sledov promezhutochnogo tipa dlia izmereniya elektronnoy plotnosti v meteornom slede/. 05 p0889 A67-16206
- BAIRD, D. C.**
Destruction of superconductivity by a current. 20 p3505 A67-36208
- BAIRD, G. A.**
Preliminary results on fast neutron intensity above Fort Churchill, Canada. 12 p1998 A67-25828
- BAIRD, J. R.**
Tunnel diode oscillator in an open structure. 19 p3196 A67-35660
- BAIRD, M. E.**
Activation energies from the widths of curves of dielectric or dynamic mechanical loss factor against reciprocal of absolute temperature. 14 p2259 A67-28299
- BAIRINGTON, J. D.**
In-vivo inactivation of factor VIII /Antihemophilic globulin/ by hydrazine - Its relation to the fibrinolytic mechanism. 07 p1134 A67-19856
- BAISAKALOV, I. B.**
Probability of a tracking process for a given level of fading /O veroliatnosti protsessa soprovozhdeniya pri izvestnom urovne fedinga/. 04 p0591 A67-14658
Limiting laws of probability distribution for optimum control /O predel'nykh zakonakh raspredeleniya veroliatnostei pri optimal'nom upravlenii/. 04 p0591 A67-14659
- BAITS, S. S.**
AGD - Concept to configuration. 17 p2800 A67-31976
- BAIKERAS, J.**
Analysis of background noise in type II superconductors /Analyse du bruit de fond dans les supraconducteurs de type II/. 24 p4200 A67-41869
- BAJAJ, N. K.**
Wave propagation in a rarefied plasma with finite Larmor radius. 03 p0483 A67-13875
Wave propagation in a rarefied rotating plasma with finite Larmor radius. 15 p2533 A67-30396
- BAKAI, A. S.**
Resonance in a nonlinear system in the presence of random shocks /Rezonans v nelineinoy sisteme pri nalichii sluchainykh tolchkov/. 05 p0847 A67-17486
- BAKALINSKII, V. P.**
A ring counter with a digital representation of readings /Kol'tsevoi schetchik s tsifrovoy indikatsiei/. 19 p3228 A67-34990
- BAKANOV, S. P.**
Excitation of electromagnetic oscillations in a plasma beam bounded by plane conducting walls /O vzbuzhdenii elektromagnitnykh kolebaniy v plazmennom puchke, ogranichennoy ploskimi provodiaschimi stenkami/. 01 p0122 A67-10349
Theory of instability for a current plasma bounded by conducting surfaces /K teorii neustoiichivosti tokovoy plazmy, ogranichennoy provodiaschimi stenkami/. 04 p0687 A67-15208
Excitation of electromagnetic oscillations in a plasma beam bounded by plane conducting walls. 11 p1844 A67-25022
Instability of current-carrying plasma between conducting walls. 15 p2532 A67-30256
- BAKER, A.**
Conceptual design for an active seismic experiment for the lunar surface. 19 p3323 A67-35328
A note on integral integer-valued functions of several variables. 21 p3651 A67-37921
- BAKER, A. A.**
High-strain fatigue studies of a composite material. 03 p0525 A67-13871
The effect of fibre diameter and discontinuous fibres on the fatigue of a fibre-reinforced metal. 06 p1099 A67-17712
Silica fiber reinforced aluminum. 07 p1211 A67-20260
- BAKER, B. L.**
Development of space launch facilities. 02 p0228 A67-11838
Development of space launch facilities. 05 p0787 A67-16608
- BAKER, E. R.**
Yielding and brittle cracking of an orthotropic strip. 06 p1102 A67-18317
- BAKER, B. S.**
Thermal design of molten carbonate fuel cells. 13 p2055 A67-26842
Heat transfer in a fuel cell battery - Maximum battery temperatures. 20 p3364 A67-37016
- BAKER, C. A.**
Raster scan parameters and target identification. 17 p2859 A67-32508
- BAKER, C. E.**
A large screen color television laser display. 15 p2489 A67-29914
- BAKER, C. H.**
Target detection performance with a bowtie radar display. 17 p2807 A67-32630
- BAKER, C. R.**
Optimum quadratic detection of a random vector in Gaussian noise. 05 p0765 A67-17041
- BAKER, D.**
Airborne electronic ultra-fast scanning spectrometer. 16 p2680 A67-31803
- BAKER, D. C.**
A summary of blunt probe theory and experimental results. 19 p3218 A67-35213
- BAKER, D. J.**
Rocket measurement of midlatitude night airglow emissions. 23 p3995 A67-40813
- BAKER, E. H.**
Response of cylindrical sandwich shells to moving loads. 04 p0713 A67-15404
- BAKER, G. S.**
Dislocation pinning and temperature dependence of internal friction. 22 p3819 A67-39352
- BAKER, H. R.**
Cleaning by surface displacement of water and oils. 14 p2327 A67-28822
- BAKER, J.**
A self-consistent study of the earth's radiation belts. 22 p3871 A67-39799
- BAKER, J. D.**
Batch vs. sequential displays - Effects on human problem solving. 02 p0186 A67-12231
- BAKER, J. K.**
Power conditioning reliability improvement through standby redundancy and automatic failure detection. 24 p4108 A67-42539
- BAKER, J. L.**
Graphical air battle analysis. [AIAA PAPER 66-781] 01 p0169 A67-10527
- BAKER, K.**
Cost-effectiveness of a surveillance device for an anti-aircraft weapon system. 03 p0538 A67-13695
- BAKER, K. D.**
Direct measurements of the ionizing flux in different types of auroral forms. 10 p1650 A67-23306
Charge densities and temperatures measured in active auroras. 10 p1650 A67-23307
Rocket measurements of bremsstrahlung X-rays and related parameters during auroral absorption events. 19 p3312 A67-35188
- BAKER, P. J.**
Heat transfer in supersonic separated flow over a two-dimensional backward-facing step. 04 p0546 A67-14640
A comparison of fluid diodes. 08 p1283 A67-20473
- BAKER, R.**
Plasma measurement on Explorer 33. 19 p3319 A67-35245
- BAKER, R. D.**
Inert calibration of deep-throttling bipropellant rocket engines. [AIAA PAPER 67-427] 18 p3112 A67-33911
- BAKER, R. M. L., JR.**
Radiation on a satellite in the presence of partly diffuse and partly specular reflecting body. 05 p0905 A67-16567
- BAKER, W. E.**
Elastic response of thin spherical shells to axisymmetric blast loading. [ASME PAPER 66-APM-EE] 04 p0718 A67-15918
Strain-rate effects in the propagation of torsional plastic waves. 05 p0909 A67-16144
Prediction and scaling of reflected impulse from strong blast waves. 06 p0984 A67-18059
Model tests for structural response of Apollo command module to water impact. 07 p1257 A67-19368
- BAKH, N. A.**
Effect of ionizing radiation on the electrical and paramagnetic properties of organic polyvinyl-acetate-based semiconductors /Vliyanie ionizirulushchego izlucheniya na elektricheskie i paramagnitnye svoystva organicheskikh poluprovodnikov na osnove polivinilacetata/. 18 p3099 A67-33694
- BAKHMAN, N. N.**
Temperature coefficient of combustion rate for condensed mixtures with various component proportions /Temperaturnyi koeffitsient skorosti goreniya kondensirovannykh smesey pri razlichnom sootnoshenii komponentov/. 07 p1267 A67-19311
Combustion theory of powders and solid rocket propellants /Teoriya goreniya porokhov i tverdykh raketnykh topliv/. 12 p1988 A67-26110
- BAKHRAKH, L. D.**
Use of optical systems and holography in the reconstruction of SHF antenna radiation patterns from field measurements in the Fresnel zone /Ob ispol'zovanii opticheskikh sistem i metoda golografiy dlia vosstanovleniya diagramm napravlenosti antenn S.V.Ch. po izmereniyam pola v zone Frenella/. 07 p1183 A67-19143
The obtaining of holograms of three-dimensional objects /Poluchenie gologramm trekhmernykh ob'ektov/. 15 p2489 A67-30077
Use of holography in reconstruction of polar diagrams of UHF antennas from field measurements in the Fresnel zone. 17 p2861 A67-33222
Mixed problems of antenna synthesis. 24 p4129 A67-42228
- BAKHROMI, E. S.**
High-voltage generator of rectangular pulses employing thyatrons /Vysokovol'tnyy generator priamougol'nykh impuls'ov na tiratronakh/. 13 p2081 A67-27276
- BAKHTIAROV, V. G.**
Results of an experimental verification of the transmittance method /Rezul'taty eksperimental'noi proverki metoda prozrachnosti/. 01 p0108 A67-10130
- BAKHTOVARSHOEV, SH.**
Determination of a coefficient characterizing the vaporization rate and diffusion of a chemical element in an arc discharge plasma /Opredelenie koeffitsienta, kharakterizulushchego skorost' ispareniiya elementa i ego diffuziiu v plazme dugovogo razriada/. 02 p0279 A67-12743
- BAKHUR, L. V.**
Relation between PP and variations in auroral brightness /Svlyaz' PP s variatsiyami svetimosti polarnykh silanii/. 10 p1632 A67-22811
Short PP bursts as a specific type of

- geomagnetic pulsation /Kratkovremennyye vspyshki PP kak osobyi tip geomagnitnykh pul'satsii/. 13 p2110 A67-26454
- Relationship between PP and variations of auroral luminescence. 24 p4150 A67-42148
- BAKHYSHEV, SH. M.**
Determination of the temperature field of a finite cylindrical shell /Opredelenie temperaturnogo polya v konechnoi tsilindricheskoi obolochke/. 07 p1266 A67-19162
- Determination of the unsteady temperature field in a thin finite cylindrical shell /Opredelenie nestatsionarnogo temperaturnogo polya v tonkoi konechnoi tsilindricheskoi obolochke/. 18 p3145 A67-33570
- BAKKE, J. C.**
A versatile satellite data-handling system for space radiation measurements. 12 p1909 A67-25864
- BAKKE, O.**
SST and society in the Northeast. 20 p3556 A67-37444
- BAKKEN, G. S.**
Radiative lifetimes of some n equals 4 and n equals 5 states in He II. 13 p2160 A67-26880
- BAKKEN, L. H.**
A mechanical shock filter. 11 p1799 A67-24824
- BAKKEN, O. A.**
Some practical considerations in the application of modern control to aerospace vehicles. 16 p2763 A67-31644
- BAKKER, IR. T.**
Infrared-laser rangefinder. 23 p3999 A67-41029
- BAKKER, T.**
Infrared-laser rangefinder. 22 p3799 A67-39780
- BAKSHAEV, IU. L.**
Investigation of a hydrogen plasma with "hot" electrons. 21 p3668 A67-38368
- BAKSHT, F. G.**
Probe investigations of a plasma in thermoemission converters with a high cesium-vapor pressure. III - Distribution of electron concentration and electron temperature and space potential in the interelectrode space of thermoemission converters /Zondovye issledovaniya plazmy v termoemissionnykh preobrazovatelakh s vysokim davleniem parov tseziya. III - Raspreделение kontsentratsii, temperatury elektronov i potentsiala prostranstva v mezhelektrodnom prostranstve termoemissionnykh preobrazovatelei/. 01 p0012 A67-10353
- Investigations of plasma in high-pressure cesium converters. III. 11 p1746 A67-25026
- Theory of the arc mode operation of the thermionic converter. 19 p3176 A67-35130
- Calculation of the kinetic reflection coefficient in the expression for the thermionic emission current from plasma and semiconductors. 23 p4047 A67-41688
- BAKULEV, P. A.**
Stability requirements placed on the subsystems of coherent-impulse radars /Trebovaniya k stabil'nosti uzlov kogerentno-impul'snykh radiolokatorov/. 07 p1140 A67-19232
- BAKULEV, V. I.**
An investigation into turbulent submerged jets over a wide temperature range. 04 p0602 A67-14638
- Calculation of the main part of a plane-parallel real-gas jet. 13 p2095 A67-26885
- Calculation of turbulent jets of a real gas /Raschet turbulentnykh strui real'nogo gaza/. 23 p3989 A67-40729
- BAKUT, P. A.**
Quantum signals and their potential applicability to radar. 03 p0368 A67-13283
- Potential possibilities of location in the presence of quantum and thermal field fluctuations /O potentsial'nykh vozmozhnostyakh lokatsii pri nalichii kvantovykh i teplovykh fluktuatsii polya/. 07 p1142 A67-19585
- The potential applicability of radar in the presence of quantum and thermal fluctuations of the field. 20 p3384 A67-37322
- BALABANOV, S.**
Surface hole photoconductivity in the point contact region of single crystal CdS. 11 p1849 A67-24871
- BALABUKH, L. I.**
Certain problems of stability of circular plates in an inhomogeneous stressed state /Nekotorye zadachi ustoiichivosti kruglykh plastin pri neodnorodnom napriazhenno sostoianii/. 03 p0529 A67-14163
- Approximate theory for the basic stresses state of a cylindrical shell reinforced with elastic ribs /Priblizhennaya teoriya osnovnogo napriazhenno sostoianiya tsilindricheskoi obolochki, podkreplennoi uprugimi shpangoutami/. 12 p2022 A67-25584
- Possibility of solving stability problems of plates without preliminary determination of the initial stressed state /O vozmozhnosti resheniya zadach ustoiichivosti plastin bez predvaritel'nogo opredeleniya nachal'nogo napriazhenno sostoianiya/. 22 p3909 A67-39401
- BALADOVA, L.**
Minimum of average conditional entropy for given minimum probability of error. 04 p0644 A67-14885
- BALAKHANOV, V. IA.**
Interference filters for the study of plasmas in the millimeter and submillimeter regions. 09 p1545 A67-22000
- BALAKHNIN, V. P.**
Quantitative study of the mechanism of hydrogen combustion near the lower ignition limit /Kolichestvennoye izucheniye mekhanizma goreniya vodoroda vblizi nizhnego predela vosplameneniya/. 03 p0536 A67-13842
- BALAKHONOVA, V. I.**
Study of the process of heat and mass transfer during the evaporation of a liquid with a free surface in a rarefied gas medium /Issledovanie protsessov teplo-i massoobmena pri isparenii zhidkosti s otkrytoi poverkhnosti v razrezhennoi gazovoi srede/. 11 p1882 A67-24319
- BALAKRISHNAN, A. V.**
Coding modulation and signal processing - Some current open problems. 14 p2269 A67-28457
- Identification of control systems from input-output data. 15 p2460 A67-30312
- Identification of human response models in manual control systems. 15 p2432 A67-30315
- BALANEVSKAIA, A. E.**
Thermal and elastic properties of a number of ternary diamond-like semiconductor compounds /Teplovyie i uprugie svoystva riada troinnykhalmazopodobnykh poluprovodnikovyykh soedinenii/. 18 p3096 A67-33452
- BALANIN, B. A.**
Mass addition of a supersonic jet. 14 p2242 A67-28302
- BALARAM, S.**
Triangular stepped helical aerial. 24 p4128 A67-41970
- BALASANOV, G. N.**
Examination of algorithms for treatment of random signals by the Monte Carlo method /Issledovanie algoritmov pererabotki sluchainykh signalov metodom Monte-Karlo/. 16 p2643 A67-30922
- BALASHOV, K. I.**
On the influence of a magnetic field on viscous gas flow. 07 p1230 A67-20144
- BALASUBRAHMANYAN, V. K.**
Solar modulation of galactic cosmic rays. 07 p1244 A67-19913
- Low energy galactic cosmic rays. 13 p2193 A67-27248
- BALDERSTON, H. L.**
Incipient failure detection - The detection of certain contaminating processes. 18 p3057 A67-34665
- BALDIN, P.**
Operational characteristics of solid-state devices in the light of results obtained in transmission technology /Caratteristiche di funzionamento dei dispositivi allo stato solido alla luce dei risultati ottenuti nella tecnica della trasmissione/. 20 p3394 A67-36242
- BALDUS, W.**
Low-temperature technology and space flight /Tieftemperaturtechnik und Raumfahrt/. 04 p0720 A67-14538
- BALDWIN, B. S., JR.**
Frothing as an explanation of the acceleration anomalies of cometary meteors. 17 p2943 A67-32541
- BALDWIN, D. E.**
Plasma oscillations perpendicular to a weak magnetic field. 08 p1360 A67-21129
- Reflection of a plasma wave at an electron sheath. 16 p2715 A67-31063
- Wave propagation in non-uniform plasmas near the second electron cyclotron harmonic. 22 p3843 A67-39263
- Kinetic model of Tonks-Dattner resonances in a positive column. 23 p4031 A67-40782
- BALDWIN, F. L.**
Test on a thermally scaled model space station in a simulated solar environment. [AIAA PAPER 65-658] 03 p0534 A67-13063
- BALDWIN, G. D.**
Theory of dynamic optical distortion in isotropic laser materials. 18 p3062 A67-34624
- Measurements of dynamic optical distortion in Nd-doped glass laser rods. 18 p3062 A67-34625
- BALDWIN, J. E.**
A survey of radio sources and background radiation at sub 3.8 Mc/s. 01 p0151 A67-10966
- BALDWIN, J. P.**
Superconducting memory device using Josephson junctions. 14 p2289 A67-28921
- BALDWIN, L. V.**
The formation of elliptical wakes. 08 p1277 A67-20710
- BALDWIN, P.**
Finite amplitude convection in a self-gravitating fluid sphere containing heat sources. 21 p3731 A67-37926
- BALDWIN, R. B.**
Ranger VIII and gravity scaling of lunar craters. 19 p3327 A67-35894
- BALDWIN, T. E., JR.**
The application of spectrum signature data to interference analysis. 05 p0781 A67-17538
- BALEPIN, V. M.**
Determination of the dynamic compliances of a system with friction /Opredeleniye dinamicheskikh podatlivostei sistemy s treniem/. 21 p3726 A67-38833
- BALEFOUR, D.**
Diagnostics. 09 p1538 A67-21774
- Ionization and temperature measurement in MPD experiments. 09 p1538 A67-21777
- The production of quiescent cesium plasma in a thermal ionization chamber. 11 p1838 A67-24412
- Loss processes in cesium plasma. 19 p3271 A67-35072
- Microwave transmission through a quiescent cesium plasma. 19 p3288 A67-35370
- BALEFOUR, M. A.**
Active impedance of a phased-array antenna element simulated by a single element in waveguide. 11 p1763 A67-24299
- BALINSKI, M. L.**
Some general methods in integer programming. 17 p2819 A67-32427
- BALITSKAIA, V. G.**
Estimate of the amplitude of an echo-signal with consideration of the a priori distribution of the probability density of its levels /Otsenka amplitudy ekho-signalov s ucheto priornogo raspredeleniya plotnosti veroiatnosti ego urovnei/. 02 p0194 A67-11976
- BALKANSKI, M.**
Distributions of electrically active defects in the surface region of CdS single crystals. 05 p0862 A67-18605
- Magnetoresistance of heavily doped n-type silicon. 06 p1087 A67-18987
- Photovoltaic and photoresist effects in composite group II and group VI thin films /Les effets photovoltaiques et photoresistants dans les composes II-VI en couches minces/. 08 p1368 A67-20728
- BALL, A.**
The deformation properties and electron microscopy studies of the intermetallic compound NiAl. 01 p0092 A67-10059
- BALL, A. M.**
Quality cost and management. 15 p2584 A67-30420
- BALL, H. G.**
Parametric aircraft synthesis and performance analysis. [AIAA PAPER 66-795] 01 p0009 A67-10535
- Computerized synthesis and performance analysis of hypervelocity vehicles. 17 p2819 A67-32474
- Parametric synthesis and performance analysis of dual-fuel hypervelocity cruise vehicles. [AIAA PAPER 67-559] 19 p3174 A67-35956
- Computerized aircraft synthesis. 21 p3568 A67-38534
- BALL, H. W.**
Absolute radiometer for the flow field of a hypervelocity projectile. 11 p1790 A67-24447
- BALL, J. A.**
The positions and angular extent of OH emission associated with the H II regions W3, W24, W49, and NGC

6334. Spectral line interferometry with independent time standards at stations separated by 845 kilometers. 20 p3523 A67-36648
- BALL, J. E. Preliminary circular orbit from a single station of range-only data. [AIAA PAPER 67-92] 06 p1088 A67-18501
- BALL, K. J. A method of weight prediction of satellite launching vehicles. 16 p2762 A67-31490
- BALL, K. O. W. Similarity solutions for the compressible laminar boundary layer with heat and mass transfer. 22 p3918 A67-39716
- BALL, L. W. System effectiveness assurance in response to DOD/NASA requirements. [SAE PAPER 660729] 01 p0170 A67-10629
- System effectiveness critical activities. 01 p0170 A67-11333
- The future of reliability and maintainability. [AIAA PAPER 66-859] 02 p0343 A67-12260
- BALL, M. A connector sealing technique for extended-mission computers. 15 p2442 A67-29182
- Computer partitioning improves long-term reliability in space. 15 p2439 A67-29306
- BALL, M. P. Profiles of high conductivity shallow layers in silicon produced by boron ion implantation. 19 p3307 A67-35812
- BALL, N. A. A shared memory computer display system. 03 p0375 A67-13633
- BALL, R. E. Dynamic analysis of rings by finite differences. 06 p1109 A67-18838
- BALL, R. H. Interpretation of the first-order correction to the magnetic moment invariant. 07 p1246 A67-19955
- Estimated surface motions of the earth's core. 08 p1329 A67-21485
- Comparison of estimates of surface fluid motions of the earth's core for various epochs. 23 p3996 A67-40815
- Nature of surface flow in the earth's central core. 23 p3996 A67-40816
- BALL, S. L. Near Infrared atmospheric absorption over a 25-km horizontal path at sea level. 10 p1629 A67-22744
- BALLANCE, J. O. Transmission probability determination with directed mass motion and with mean free path considerations. 09 p1488 A67-22104
- A Monte Carlo approach to transition and free molecular flow problems. 13 p2101 A67-26967
- BALLANTYNE, J. Measurement of photon absorption loss in the active and passive regions of a semiconductor laser. 10 p1664 A67-22909
- BALLARD, G. S. Measurement of ray deviations in an optically inhomogeneous field. 11 p1794 A67-24927
- BALLARD, H. N. The measurement of temperature in the stratosphere and mesosphere. [AIAA PAPER 66-385] 10 p1632 A67-22819
- BALLARD, M. R. Cabin noise reduction in the DC-9. [AIAA PAPER 67-401] 15 p2421 A67-30368
- BALLESTER, C. On the construction of discrete approximations to linear differential expressions. 18 p3072 A67-34394
- BALLIF, J. R. Transverse fluctuations in the interplanetary magnetic field - A requisite for geomagnetic variability. 22 p3790 A67-39800
- BALLINGER, E. Hepatic lesions produced by 32 and 55 Mev proton irradiation. 23 p3944 A67-41017
- BALLMAN, A. A. Ultrasonic properties of bismuth germanium oxide. 02 p0300 A67-12507
- Reduction of the susceptibility to optically induced index inhomogeneities in LiTaO sub 3 and LiNbO sub 3. 23 p4012 A67-40876
- BALLUFF, H. The SIAT 223 "Flamingo" - A new German aircraft /SIAT 223 "Flamingo" - Ein neues deutsches Flugzeug/. 18 p2985 A67-33641
- BALMER, H. A. Experimental and theoretical studies of explosive-induced large dynamic and permanent deformations of simple structures. 07 p1282 A67-19411
- Dynamic buckling of a circular ring constrained in a rigid circular surface. 14 p2398 A67-28093
- BALODIS, I. A. K. Emission of light by silicon p-n junction microplasma for various types of breakdown /Emissia sveta mikroplazmy kremnievogo p-n perekhoda pri raznykh vidakh probola/. 03 p0491 A67-13176
- BALOGH, A. Torsional vibration - Problems and practical solutions. 19 p3341 A67-35711
- BALSAM, R. E. Determination of the Pacific equilibrium point for a stationary orbit. [AIAA PAPER 67-91] 06 p1086 A67-18338
- Orbit determination for stationary satellites. 13 p2208 A67-27522
- Determination of the Pacific equilibrium point for a stationary orbit. [AIAA PAPER 67-91] 22 p3886 A67-40085
- BALSLEY, B. B. Evidence of the nighttime current reversal in the equatorial electrojet. 03 p0408 A67-12837
- BALTOV, A. The plane problem for elastic/visco-plastic bodies. 05 p0908 A67-16039
- BALTRUKONIS, J. H. The dynamics of solid propellant rocket motors. 08 p1376 A67-20883
- BALYBERDIN, V. V. Investigation of the current distribution in the formation of an eddy configuration in the atmosphere /Issledovanie raspredeleniya tokov pri obrazovanii vikhrevoi konfiguratsii v atmosfere/. 02 p0180 A67-12441
- Some aspects of the electrodynamic theory of plasma acceleration /Nekotorye voprosy teorii elektrodinamicheskogo uskorenija plazmy/. 15 p2525 A67-29249
- Heating of an eddy configuration /Nagrev vikhrevoi konfiguratsii/. 21 p3664 A67-38047
- Investigation of the mechanism formation of an ionized vortex configuration in the atmosphere /Issledovanie mekhanizma obrazovaniia ionizirovannoi vikhrevoi konfiguratsii v atmosfere/. 21 p3655 A67-38902
- Pinch-discharge source of ionized plasmoids for aerophysical investigations at high pressures /Pinchevii istochnik ionizirovannykh sgustkov dlia aerofizicheskikh issledovanii pri vysokikh davlenniakh/. 21 p3675 A67-38912
- BALZHISER, R. E. Film boiling of potassium on a horizontal plate. [AICHE PAPER 28] 20 p3552 A67-36832
- BAM-ZELIKOVICH, G. M. Conducting gas flow in the jet in front of the nozzle of an electromagnetic accelerator /Tehenie provodiashchego gaza v strue za srezom elektromagnitnogo uskoritella/. 11 p1842 A67-24951
- BAMBERGER, E. N. Evaluation of lubricants for high-temperature ball bearing applications. [ASME PAPER 67-LUB-21] 24 p4163 A67-42679
- BAMBUROV, V. G. Magnetic, microwave and electric properties of some oxide compounds of divalent europium. 16 p2733 A67-31732
- BAME, S. J. Vela 3 satellite observations of solar wind ions - A preliminary report. 07 p1244 A67-19919
- Vela 2 measurements of the magnetopause and bow shock positions. 07 p1180 A67-19920
- Characteristics of the plasma sheet in the earth's magnetotail. 07 p1244 A67-19921
- Measurements of the interplanetary solar wind during the large geomagnetic storm of April 17-18, 1965. 13 p2189 A67-26303
- Vela satellite observations of solar wind ions. 13 p2190 A67-26319
- Observations of solar wind plasma changes across the bow shock. 13 p2190 A67-26320
- Discontinuities in the solar wind associated with sudden geomagnetic impulses and storm commencements. 17 p2936 A67-32530
- BAMFORD, R. Computer analysis of large structural systems.
- [AIAA PAPER 67-955] 24 p4127 A67-43038
- BAMMERT, K. Leading-edge and friction losses in turbine blade cascades /Hinterkanten-und Reibungsverlust in Turbinenschaukelgittern/. 03 p0353 A67-14306
- BANBURY, P. C. Energy dependence of anisotropy of defect production in electron irradiated diamond-type crystals. I - Experimental measurements on n and p-type silicon. 01 p0133 A67-10752
- BANCAREL, J.-P. Vertical distribution of ozone as determined by rocket /Repartition verticale de l'ozone obtenue en fusée/. 02 p0238 A67-12065
- BANCROFT, R. W. Some cardiovascular responses in anesthetized dogs during repeated decompressions to a near-vacuum. 03 p0365 A67-14296
- Comparison of helium and nitrogen in production of bends in simulated orbital flights. 13 p2082 A67-26916
- Elevated venous pressures during exposure of dogs to near-vacuum conditions. 23 p3952 A67-41572
- High venous pressures during exposure of dogs to near-vacuum conditions. 23 p3960 A67-41699
- Treatment of decompression sickness in simulated space flight. 23 p3960 A67-41702
- BANDARUK, W. Adhesive bonding with graphite fibers as an internal electrical-resistance heat source. 09 p1507 A67-22516
- BANDEEN, W. R. Preliminary results from Nimbus II. 04 p0613 A67-14801
- A quasi-global analysis of tropospheric water vapor content and its temporal variations from radiation data of the meteorological satellite Tiros IV. 10 p1877 A67-23195
- A quasi-global analysis of tropospheric water vapor content from Tiros IV radiation data. 17 p2880 A67-32550
- BANERJEE, R. L. Anomalies in the Compton diffusion of X rays by vanadium /Anomalies dans la diffusion Compton des rayons X par le vanadium/. 13 p2181 A67-27210
- BANERJEE, S. K. Geometrical methods of finding refractive index, absorption index and polarization parameters of radio waves in the ionosphere. 08 p1295 A67-21168
- BANG, N. T. Controllability of quasi-linear systems /Ob upravliaemosti kvaziliniynykh sistem/. 10 p1681 A67-23682
- On the controllability of quasi-linear systems. 21 p3653 A67-38283
- BANGERTER, C. D. Operation of solid fuel MHD generators. 12 p1898 A67-25382
- BANICHUK, N. V. Calculation of elastoplastic torsion of rods by the method of local variations /Raschet upругo-plasticheskogo krucheniiia sterzhnei metodom lokal'nykh variatsii/. 12 p2029 A67-25667
- BANIOS, E. W. Plasma considerations in space communications. 08 p1293 A67-20684
- BANIS, T. I. A. Study of the continuous electromotive force occurring within a semiconductor in a strong alternating electric field /Issledovaniia postolannoi elektrodvizhushcheli sily, vznikalushcheli v poluprovodnike v sil'nom peremennom elektricheskom pole/. 20 p3513 A67-37449
- BANKS, B. A. High permeance accelerator grids for low voltage Kaufman thrusters. [AIAA PAPER 67-680] 21 p3692 A67-38711
- Radially slotted grids for a Kaufman ion thruster. 24 p4208 A67-42929
- BANKS, P. M. Kinetic theory and collisional detachment. 05 p0844 A67-16003
- Charged particle temperatures and electron thermal conductivity in the upper atmosphere. 06 p0998 A67-18702
- The temperature coupling of ions in the ionosphere. 08 p1326 A67-21363
- Time history of high-latitude electron number density and radiowave absorption profiles during the solar cosmic-ray event of

- November 10, 1961. 14 p2380 A67-28042
Ion temperature in the upper atmosphere. 17 p2843 A67-32531
- BANKS, W. H. H.**
A three-dimensional laminar boundary-layer calculation. 17 p2790 A67-32284
Rayleigh's problem for rotating planes. 20 p3423 A67-37278
- BANNING, E. R.**
The aircraft fuel explosion problem. 16 p2597 A67-31810
- BANNISTER, P. R.**
Quasi-static fields of dipole antennas at the earth's surface. 05 p0769 A67-16007
The quasi-near fields of dipole antennas. 23 p3979 A67-40828
Quasi-static fields of dipole antennas located above the earth's surface. 23 p3981 A67-41210
- BANNISTER, R. W.**
Rotating interferometer and its use in measuring the spread and coherence ratio of a scattered radio wave. 05 p0760 A67-15997
- BANNOCHIE, J. G.**
The development of an in situ reforming methanol air cell. 09 p1445 A67-22186
- BANNYKH, O. A.**
Effect of rare-earth metals on the properties of EP357 steel /Vlianie redkozemel'nykh metallov na svoystva stali EP357/. 24 p4169 A67-41920
- BANO, I.**
Design features of bonded and riveted light-metal glider constructions /Dimensionierungsgesichtspunkte der geklebten und genieteten Leichtmetallkonstruktionen beim Segelflugzeugbau/. 18 p3054 A67-34374
- BANOS, A., JR.**
Dipole radiation in the presence of a conducting half-space. 03 p0373 A67-14273
The guiding centre approximation in lowest order. 22 p3843 A67-39264
- BANOS, G.**
The eruption of importance 2 of October 4, 1965. 17 p2939 A67-33397
- BANSAL, J. L.**
Flow of a viscous incompressible fluid between two parallel plates, one in uniform motion and the other at rest with uniform suction at the stationary plate. 08 p1322 A67-21179
- BANTLE, K.**
Counters with bistable fluid elements. 08 p1283 A67-20472
- BANY, I.**
Study of the relaxation of optically pumped alkali metal vapours by the pulse method. 17 p2869 A67-32811
- BAO, F. W.**
Modulation transfer theory and its applications to optics, optical-magnetic recording and video systems. [SMPTE PAPER 102-47] 22 p3808 A67-40380
- BAPNA, B. H.**
A modification of the Coates gain formula for the analysis of linear systems. 23 p3984 A67-40649
- BARABANOV, V. A.**
Method of transforming spatial coordinates into an electrical signal /Sposob preobrazovaniya prostranstvennykh koordinat v elektricheskii signal/. 07 p1184 A67-19318
- BARABANOV, V. N.**
Some special features of the method of testing graphite for fatigue in alternate-reversing bending, and the results obtained. 04 p0641 A67-14599
- BARABASHOV, N. P.**
Photometry of the limb zone of the moon /Fotometriya kraevoi zony luny/. 02 p0329 A67-12492
Photometry of the lunar limb zones. 10 p1708 A67-23360
- BARACCHI, F.**
Study of transistors' overload in active region operated by large pulses' trains. 17 p2827 A67-32784
- BARADZEI, L. T.**
Investigation of the reactions of nucleons with an energy of greater than 10 super 14 ev /Issledovanie vzaimodelstviy nuklonov s energiei bol'she priblizitel'no 10 super 14 ev/. 02 p0316 A67-12765
Investigation of the interaction of greater than 10 super 14 ev nucleons. 22 p3876 A67-40267
Studies of interactions of nucleons of energies of approximately 10 super 14 ev /Issledovaniya vzaimodelstviy nuklonov s energiei priblizitel'no 10 super 14 ev/. 24 p4218 A67-42836
- BARAFF, G. A.**
Surface wave instability in helicon wave propagation. III. 04 p0665 A67-15119
- BARAKAT, H. Z.**
On the solution of the diffusion equations by numerical methods. 03 p0537 A67-14013
Analytical and experimental study of the transient laminar natural convection flows in partially filled liquid containers. 04 p0731 A67-15826
- BARAMIDZE, G. A.**
Modulation of the charge density of a beam resulting from interaction with a plasma in a solid. 20 p3504 A67-36157
- BARAN, P.**
Some remarks on digital distributed communications networks. 09 p1463 A67-21676
- BARANOV, A. M.**
Aeronautical meteorology /Aviatsionnaya meteorologiya/. 07 p1220 A67-19579
- BARANOV, I. A.**
Effect of micrononhomogeneity on the superconducting characteristics of the alloy Nb-Zr-Ta. 10 p1689 A67-23089
Causes of the variation in vibration level of gyromotors /O prichinakh izmeneniya urovnya vibratsii glimotorov/. 18 p3047 A67-33994
- BARANOV, L. M.**
Investigation of a resonator filled with an artificial anisotropic dielectric /Doslizhenniya rezonatora, zapovnenogo shtuchno anizotropnim dielektrikom/. 13 p2075 A67-26399
- BARANOV, V. I.**
The age of the earth, heavy elements, and meteorites /Vozrast zemli, tiazhelykh elementov i meteoritov/. 02 p0329 A67-12496
The age of the earth, heavy elements, and meteorites. 10 p1709 A67-23364
- BARANOV, V. IU.**
Some effects observed in the study of an electrical arc in a gas flow /Nekotorye efekty, nabludaemye pri izuchenii elektricheskoi dugi v potoke gaza/. 03 p0478 A67-13605
Current layer kinematics in a plasma accelerator /Kinematika tokovogo sloia v plazmennom uskoritele/. 05 p0855 A67-16996
Arc in a gas flowing through a magnetic field /Duga v potoke magnitnogo polia/. 09 p1543 A67-21824
Diffusional dispersion of a plasmoid and the optimum length for a plasma accelerator. 09 p1545 A67-22001
Electric arc in ionized and nonionized gas flows /Elektricheskaya duga v potoke ionizovannogo i neliionizovannogo gaza/. 16 p2712 A67-30547
Some effects noticed when studying an electric arc in a gas flow. 18 p3091 A67-34470
- BARANOVA, A. M.**
Some features of the coherent radiation of gallium antimonide laser diodes. 01 p0087 A67-10085
- BARANOVA, G. R.**
Flame turbulence study by photoelectrical method /Issledovanie turbulentnosti plamen fotoelektricheskim metodom/. 05 p0927 A67-16942
Investigation of flame turbulence by the photoelectric method. 14 p2406 A67-28490
- BARANOVA, V. P.**
Nyctometry during the study of the effects of vestibular irritation on dark adaptation /Niktometriya pri izuchenii vlianiya vestibularnogo razdrazheniya na temnovuiu adaptatsiyu/. 16 p2614 A67-30918
- BARANOVSKAIA, I. V.**
Recessive lethals in the X chromosome of drosophila and genetic shielding during the flight of the spaceship "Voskhod" /Retessivnyye letali v Kh khromosome drozofily i geneticheskaya zashchita pri polete korabla "Voskhod"/. 13 p2060 A67-27337
- BARANOWSKI, B.**
Interaction between diffusion and viscous flow in the mixtures of rarified gases with Maxwellian intermolecular forces. 05 p0794 A67-17380
- BARANOWSKI, J.**
An analysis of avalanche transistor properties in a dynamical state. 06 p0970 A67-18186
- BARANOWSKI, J. M.**
Crystal-field spectra of 3d super n impurities in II-VI and III-V compound semiconductors. 21 p3682 A67-38388
- BARANSKI, S.**
Use of radioactive isotopes for experimental investigations in aviation and space medicine. 22 p3756 A67-40547
- BARANSKI, W.**
The fibrous body as a simply connected model of multi-hole discs. 05 p0907 A67-16037
Isotropic fibrous body as a model of a shell-shaped grid. 10 p1715 A67-22920
Mechanics of Cosserat-type continuous media /Mekhanika osrodkov claglykh tipu cosseratov/. 12 p1968 A67-26200
- BARANSKII, P. I.**
Hall effect and reluctance in n-type InSb /Effekt Kholla i magnetosoprotivleniye v InSb n-tipa/. 12 p1984 A67-25518
Hall effect and magnetoresistance in n-type InSb. 18 p3103 A67-34449
- BARANTSEV, R. G.**
Maxwellian representation of the distribution of reflected atoms in terms of mass, momentum, and energy fluxes /Maksvellovskoe predstavleniye raspredeleniya otrazhennykh atomov cherez potoki massy, impul'sa i energii/. 05 p0749 A67-17109
Asymptotic behavior of a single reflection from a slightly rough surface /Asimptotika odnokratnogo otrazheniya na slabopoverkhnosti/. 14 p2351 A67-28636
Boundary conditions for the Navier-Stokes equations in a rarefied gas /O granichnykh usloviyakh dlia uravnenii Nav'e-Stoksa v razrezhennom gaze/. 15 p2470 A67-29234
- BARANTSEVA, I. G.**
Nature of the thermal conductivity of the carbides of some group IV and V transition metals /O prirode teploprovodnosti karbidov nekotorykh perekhodnykh metallov IV i V grupp/. 11 p1804 A67-23902
Some physical properties of alloys of the Zr-NbC and TaC-HfC systems /Nekotorye fizicheskie svoystva splavov sistem Zr-NbC i TaC-HfC/. 11 p1804 A67-23904
- BARARENKO, N. A.**
Analysis of the stress-strain state of a cylindrical shell based on the exact solution of the three-dimensional problem of the theory elasticity - Derivation of applied theories /Analiz napriazhennogo i deformirovannogo sostoianiya tsilindricheskoi obolochki na osnove tochnogo resheniya tekhmerno polzadachi teorii uprugosti - Postroenie prikladnykh teorii/. 12 p2022 A67-25583
- BARASHENKOV, V. S.**
Contribution of successive interactions to the generation of "jets" in complex nuclei /Rol' posledovatel'nykh vzaimodelstviy v generatsii "strui" na slozhnykh iadrakh/. 02 p0314 A67-12748
Role of successive interactions in the production of jets on complex nuclei. 22 p3876 A67-40250
Multiparticle mechanism of interactions between cosmic rays and atomic nuclei /Mnogochastichnyi mekhanizm vzaimodelstviy kosmicheskogo izlucheniya s atomnymi iadrami/. 24 p4218 A67-42842
Unitary statistical model of multiple particle production /Unitarnaia statisticheskaya model' mnozhestvennogo rozhdeniya chastits/. 24 p4193 A67-42861
- BARASSI, N.**
Resonance effects in a low pressure weakly ionized plasma. 19 p3276 A67-35113
- BARAT, A.**
Relationships between the elastic limit, tensile strength and elongation in aluminum foundry alloys - Application to control /Relations de la limite d'elasticite avec la charge de rupture et d'allongement dans les alliages d'aluminium de fonderie - Application au controle/. 20 p3465 A67-36479
- BARAT, J.**
Dynamical structure of the atmosphere between 80 and 120 km. 18 p3033 A67-33589
Structural model for atmospheric movements between altitudes of 85 and 110 km /Introduction d'un modele pour la structure des mouvements de l'atmosphere entre 85 et 110 km d'altitude/. 20 p3427 A67-36367
- BARBANIS, B.**
The topology of the third integral. 08 p1380 A67-20382
- BARBANO, N.**
Log periodic antennas for the SHF band. 01 p0036 A67-10444
The aerodiscsone antenna. 03 p0384 A67-13829

- BARBASHIN, E. A.**
A class of pendulum motions in a medium with a high resistance /Ob odnom klasse dvizhenii malatnika v srede s bol'shim soprotivleniem/. 14 p2348 A67-28382
- BARBE**
Lightning strikes on aircraft in flight /Foudrolement des avions en vol/. 12 p1896 A67-26170
- BARBE, C.**
Properties of the atmosphere at high temperature. V /Proprietes de l'air a haute temperature. V/. 18 p3159 A67-34126
- BARBER, C. F., JR.**
Expanding maintainability concepts and techniques. 16 p2681 A67-30439
- BARBER, D.**
The brightness temperature of Venus at 49.1 cm wavelength. 16 p2749 A67-31409
Synchrotron radiation from Jupiter at 610 Mc/s. 21 p3710 A67-38996
- BARBER, J. B.**
Flow visualization of a secondary jet by means of lampblack injection techniques. 12 p1893 A67-25934
- BARBER, M. R.**
Handling quality evaluation of seven general aviation aircraft. 06 p0947 A67-18200
Time-sequential operation of multiple pulsed oscillators as a CW microwave source. 09 p1471 A67-21645
- BARBER, T. A.**
Some design considerations for planetary relay communications satellites. [AIAA PAPER 66-314] 06 p1094 A67-17704
Mission analysis for interplanetary vehicles with solar electric propulsion. [AIAA PAPER 67-708] 21 p3706 A67-38735
- BARBERAN, J. M.**
Riemann representation method in viscoelasticity. II. 18 p3139 A67-33428
- BARBIER, P.**
Construction of an operational amplifier using a monolithic integrated circuit /Realisation en circuit integre monolithique d'un amplificateur operationnel/. 08 p1302 A67-20920
- BARBIERI, C.**
On the redshift of quasistellar objects. 20 p3531 A67-37683
- BARBIN, A. R.**
Effects of transverse secondary flow on the laminar-turbulent transition of a free axisymmetric jet. 14 p2303 A67-28328
- BARBONI, R.**
Contribution to the study of "panel flutter" /Contributo allo studio del "panel flutter"/. 15 p2575 A67-29858
- BARBOUR, J. P.**
Recent progress in compact flash X-ray systems. 02 p0245 A67-12215
An electron accelerator with a peak beam power of 10 super 10 watts. 04 p0599 A67-15327
- BARCATT, F.**
Ion rocket engine propellant systems and high voltage electrical isolation studies. [AIAA PAPER 67-681] 21 p3692 A67-38712
- BARCHE, J.**
Parallel flow past slender fuselage configurations deviating slightly from circular cross section /Parallelstroemung um schlanke Rumpfkoeper mit kleiner Abweichung vom Kreisquerschnitt/. 02 p0177 A67-11517
Contribution to the design of lift-engine intakes /Beitrag zur Gestaltung von Einlaeufern fuer Hubtriebwerke/. 12 p1891 A67-25213
- BARCHENKO, T. N.**
Effects of circuit parameters on the electrical explosion of wires. 20 p3483 A67-36401
- BARCHIEWITZ, P.**
Longitudinal modes of a CO sub 2 laser cavity - Applications /Modes longitudinaux d'une cavite laser a CO sub 2 - Applications/. 10 p1663 A67-22346
- BARCILON, A. I.**
Vortex decay above a stationary boundary. 06 p0985 A67-18135
- BARCILON, V.**
On the motion due to sources and sinks distributed along the vertical boundary of a rotating fluid. 09 p1489 A67-22416
Linear theory of rotating stratified fluid motions. 19 p3209 A67-35410
On the steady motions produced by a stable stratification in a rapidly rotating fluid. 23 p3990 A67-41170
- BARCLAY, J. A., III**
A sampling bottle for fuel and oxidizer. 23 p3998 A67-40849
- BARCUS, J. R.**
Electron precipitation in conjugate regions of the auroral zones. 13 p2115 A67-27255
- BARDASIS, A.**
Critical fields H sub c2 /T/ and H sub c3 /T/ in strong-coupling superconductors. 19 p3303 A67-35042
- BARDET, R.**
Study of the D super plus ion flux using the Pleiade device /Flux des ions D plus avec le dispositif Pleiade/. 04 p0672 A67-15647
Polarized pyrometric probe principle and experimental determination of the characteristics of the particles of an energetic plasma. 11 p1789 A67-24410
Experimental demonstration of the ion-acceleration region after coupling of two high-frequency and magnetic-field-gradient accelerators /Mise en evidence experimentale de la zone d'acceleration des ions apres jumelage de deux accelerateurs a haute frequence et gradient de champ magnetique/. 11 p1841 A67-24767
- BARDSLEY, J. N.**
Electron resonances of the H sub 2 super minus ion. 01 p0117 A67-10781
Vibrational excitation and dissociative attachment in the scattering of electrons by hydrogen molecules. 01 p0117 A67-10782
- BARE, C.**
Interferometer experiment with independent local oscillators. 17 p2864 A67-33363
- BARE, C. C.**
Spectral line interferometry with independent time standards at stations separated by 845 kilometers. 20 p3523 A67-36648
- BAREEVA, G. N.**
Stability of an elastically restrained annular plate with a nonuniform stress field. 13 p2218 A67-26869
- BAREFOOT, R. D.**
Infrared spectra of some alpha, omega-dinitroxy alkanes. 05 p0758 A67-16367
- BAREGAMIAN, V. A.**
Radiation of electromagnetic waves during the motion of an electron stream above a grid lying on the boundary of a semi-infinite anisotropic dielectric. 05 p0766 A67-17163
- BAREISS, E. H.**
The numerical solution of polynomial equations and the resultant procedures. 09 p1468 A67-22050
- BARENBLATT, G. I.**
Kinetics of crack propagation - General concepts - Near-equilibrium cracks /O kinetike rasprostraneniia treshchin - Obshchie predstavleniia - Treshchiny, blizkie k ravnovesiyu/. 03 p0529 A67-14166
Kinetics of crack propagation - Conditions of fracture and endurance limit /O kinetike rasprostraneniia treshchin - Uslovia razrusheniia i dlitel'nala prochnost'/. 06 p1106 A67-18626
Destruction of transparent materials by laser radiation - Formation of gas bubbles and wedging of the material by gas pressure. 09 p1516 A67-22660
Crack propagation kinetics - Fluctuation-induced breakdown /O kinetike rasprostraneniia treshchin - Fluktuatsionnoe razrushenie/. 12 p2029 A67-25666
The kinetics of fracture propagation - Commentary on the rule of damage summation /O kinetike rasprostraneniia treshchin - Zamechanie o pravile summirovaniia povrezhdaemostei/. 15 p2576 A67-30183
- BARER, A. S.**
Oxygen balance of the organism during prolonged accelerations /Kislородnyi balans organizma pri dlitel'nykh uskoreniiakh/. 02 p0188 A67-12329
Acceleration problems in space physiology /Problemy uskoreniia v kosmicheskoi fiziologii/. 13 p2059 A67-26760
- BARFIELD, N. A.**
British Aircraft Corporation one-eleven 500 series. 11 p1743 A67-24039
- BARGEN, D.**
Measurement of water quantity in a spacecraft under zero g. 01 p0073 A67-11114
- BARGER, R. L.**
Sonic booms attributed to subsonic flight. 12 p1895 A67-25936
- BARGHAUSEN, A. F.**
The effect of spread F on the propagation of radlowaves near the equator. 15 p2438 A67-30297
- BARIKHTAR, V. G.**
Interaction between electromagnetic, plasma, and spin waves in antiferromagnetic semiconductors and metals. 09 p1555 A67-22073
- BARIBAUD, M.**
Design and construction of a very intense source of negative hydrogen ions /H super - / /Conception et realisation d'une source tres intense d'ions d'hydrogene negatifs H super -/. 05 p0851 A67-16597
- BARINOV, K. V.**
Impact excitation of oscillations /Udarnoe vozbuzhdeniie kolebani/. 07 p1150 A67-19236
- BARISIC, S.**
Strong-coupling superconductivity in V sub 3 X type of compounds. 24 p4205 A67-42738
- BARKER, A. J.**
Creep in glass fiber reinforced plastics. 16 p2694 A67-31486
- BARKER, A. S., JR.**
Infrared optical properties of vanadium dioxide above and below the transition temperature. 05 p0860 A67-16380
- BARKER, E. S.**
A determination of the Martian CO sub 2 abundance. 08 p1400 A67-21250
- BARKER, J. I.**
Design of a satellite-to-satellite communications experiment to explore HF/VHF guided propagation in the lower ionosphere. [RASSA PAPER 1-10-148] 03 p0373 A67-14255
- BARKER, P. B.**
Flight research program. VIII. 17 p2806 A67-31954
- BARKER, P. R.**
Radio pulses from cosmic-ray air showers. 06 p1076 A67-17554
Vibrophonocardiograph investigation and development study. 23 p3970 A67-41661
- BARKER, R. C.**
Anisotropic ferromagnetic resonance linewidth in Ni platelets. 22 p3864 A67-40245
- BARKER, R. S.**
Design and transient performance of a liquid coolant system. [SAE PAPER 670838] 24 p4252 A67-41994
- BARKER, W. T.**
The Hoverbug VTOL flying simulator. [AIAA PAPER 66-799] 01 p0009 A67-10537
- BARLEY, M. B.**
Theory and observation of the rotational motion of the Pegasus satellites. [AIAA PAPER 67-567] 19 p3335 A67-35963
- BARKOVA, G. N.**
The spectral composition of the infrared earth's radiation into the space according to the results of measurements from the artificial earth's satellites. 19 p3219 A67-35253
- BARKOVSKII, V. V.**
Eigenfunction expansion of self-adjoint operators corresponding to general elliptic problems with eigenvalues in the boundary conditions /Razlozheniie po sobstvennym funktsiiam samosopriazhennyykh operatorov, sootvetstvuiushchikh obshchimi ellipticheskim zadacham s sobstvennym znacheniem v granichnykh usloviakh/. 07 p1215 A67-19581
- BARLIER, F.**
High-accuracy study of a limited number of observations /Etude fine d'un nombre restreint d'observations/. 05 p0894 A67-16561
Surveillance of solar activity based on optical observations of satellites /Surveillance de l'activite solaire a partir des observations optiques de satellites/. 10 p1606 A67-23222
Terrestrial and satellite geodesy /Geodesie terrestre et geodesie par satellites/. 21 p3620 A67-38521
- BARLOW, H. E. M.**
Field distribution at bends in circular H sub 0n and cylindrical surface waveguides. 04 p0586 A67-15635
- BARLOW, H. M.**
Use of the hybrid tem-dual surface wave in coaxial cables and resonators to reduce attenuation. 20 p3384 A67-37214
Launching a surface wave over the earth. 22 p3763 A67-40306
Launching a surface wave over the earth. 22 p3763 A67-40315
- BARLOW, J. S.**
A simple time-division multiplexing system for low-frequency bioelectric signals. 02 p0216 A67-12075

- Correlation analysis of EEG-tremor relationships in man. 20 p3373 A67-37525
- BARMIN, A. A.**
Linearized problem of supersonic flow at the entrance to the electrode region of a magnetohydrodynamic channel. 01 p0125 A67-10980
- BARMORE, W. J.**
Pressure measurement in re-entry vehicles. 23 p4006 A67-41378
- BARNA, G.**
Power systems. 22 p3749 A67-40339
Design of a multi-kilowatt photovoltaic power system for manned space stations. 24 p4104 A67-42511
- BARNABY, C. F.**
Radiation dose due to the cosmic rays. 18 p2990 A67-33516
- BARNARD, R. D.**
Analysis of the Hall effect and resistivity of noble metal alloys. 04 p0682 A67-15465
On the asymptotic behavior of parameter-dependent functional equations. 13 p2147 A67-27451
- BARNAVELI, T. T.**
Investigation of the properties of muons at a depth of 200 mwe by means of a spark calorimeter /Issledovanie iskrovym kalorimetrom svolstv mu-mezonov na glubine 200 m v.e./.. 24 p4222 A67-42879
- BARNBY, J. T.**
The initiation of ductile failure by fractured carbides in an austenitic stainless steel. 13 p2133 A67-27008
- BARNEICH, J. A.**
Design of test pads for transient loadings. [AIAA PAPER 67-550] 19 p3208 A67-35947
- BARNES, A. G.**
Some basic considerations on electronic displays for aircraft. 10 p1601 A67-22905
- BARNES, C. B.**
Cryogenic valve design considerations. 23 p3936 A67-41426
- BARNES, D. A.**
The development of an earth orbital logistics system. [AIAA PAPER 66-864] 02 p0331 A67-12262
The development of an earth orbital logistics system. 23 p4061 A67-40592
- BARNES, J.**
An intercomparison of hydrogen and cesium frequency standards. 09 p1494 A67-21616
- BARNES, J. C.**
Note on the use of satellite observations to determine average cloudiness over a region. 05 p0839 A67-17393
- BARNES, J. F.**
Some materials and cooling techniques applicable to air-breathing engines at high flight speeds. [AIAA PAPER 65-743] 03 p0502 A67-12904
- BARNES, J. W.**
Some recent advances in the development of solid state celestial trackers. 09 p1526 A67-22394
A combining parameter for base-pressure evaluation. 19 p3172 A67-35779
- BARNES, K. H.**
Aircraft/weapon compatibility - The tradeoffs. 15 p2418 A67-29397
- BARNES, L. J.**
Calorimetric evidence for Pauli-paramagnetic superconductivity. 07 p1235 A67-20130
- BARNES, R. C.**
Evidence for a possible correlation between the color indices of the quasi-stellar radio sources and redshift. 02 p0323 A67-11697
- BARNES, T.**
Lunar exploration systems LEM Truck-shelter. 08 p1316 A67-21084
- BARNES, W. C.**
A stability criterion for tunnel diode amplifier. 19 p3196 A67-35662
- BARNES, W. P.**
A data handling system for phase coherent coded PCM communications. 14 p2272 A67-28696
- BARNES, W. P., JR.**
Considerations in the use of beryllium for mirrors. 03 p0470 A67-14391
- BARNETT, A. M.**
Filamentary injection in semi-insulating silicon. 02 p0298 A67-11886
- BARNETT, D. M.**
The stress distribution produced by screw dislocation pile-ups at rigid circular cylindrical inclusions. 04 p0707 A67-14403
The effect of shear modulus on the stress distribution produced by a planar array of screw dislocations near a bi-metallic interface. 11 p1804 A67-24107
- BARNETT, F. E.**
Beryllium structures for aircraft. [SAE PAPER 660666] 01 p0094 A67-10574
- BARNETT, R. L.**
Survey of optimum structural design. 03 p0531 A67-14365
- BARNETT, R. M.**
Review of the design, fabrication and performance of the JPL solar simulators. 12 p1925 A67-25733
- BARNETT, S.**
Asymptotic stability of nonlinear systems. 01 p0048 A67-11318
Solution of the Lyapunov matrix equation. 05 p0835 A67-16950
- BARNEY, L.**
The multiple internal communications system concept - Single coaxial cable interconnects all system components by multiplexing. 13 p2083 A67-27447
- BARNHILL, D. H.**
Effective guidance and control redundancy. [AIAA PAPER 67-555] 19 p3257 A67-35952
- BARNIK, M. I.**
Capture cross section of a photon by zinc and mercury atoms in germanium /Secheniia zakhvata fotona atomami tsinka i rtuti v germanii/. 05 p0868 A67-17066
Cross sections for the capture of a photon by zinc and mercury atoms in germanium. 15 p2538 A67-29797
- BARNOSKI, R. L.**
Dynamic characteristics of distributed structures by passive analog simulation. [AIAA PAPER 67-40] 06 p1102 A67-18334
- BARNSTEIN, N. J.**
Chronic intravascular catheterization - A technique for implanting and maintaining arterial and venous catheters in laboratory primates. 10 p1601 A67-23627
- BAROCCHI, F.**
Giant pulse operation of a many-element laser with a composite switching device. 13 p2126 A67-28729
- BARON, J.**
Stagnation region gas injection in low Reynolds number hypersonic flow. 16 p2591 A67-30936
- BARON, M. L.**
Ground shock due to Rayleigh waves from sonic booms. 23 p4074 A67-40632
- BARON, N.**
Alpha-particle scattering from even tellurium isotopes. 24 p4192 A67-42732
- BARON, S.**
Differential games and manual control. 07 p1136 A67-20170
- BARON, W. R.**
The solar array for the Pioneer deep space probe. 24 p4105 A67-42514
- BARONE, M. A.**
A methodology to analyze and evaluate critical human performance. 22 p3755 A67-40154
- BARONE, T. F.**
The effect of ionizing radiation on genetic transcription - Aspects of the mechanism. 11 p1747 A67-24786
- BARONTI, P.**
A survey of the compressible turbulent boundary layer with mass transfer. 20 p3423 A67-37256
- BAROUCH, E.**
The cosmic radiation anisotropy as a separable function of time and radiation. 17 p2938 A67-33209
- BARR, G. E.**
On the diffraction of a cylindrical pulse by a half-plane. 17 p2817 A67-33139
- BARR, R. M.**
Proposed new approaches to the maintenance of the Boeing supersonic transport. [SAE PAPER 670373] 17 p2798 A67-33003
- BARR, T. A., JR.**
Multiple arc performance in an 8000 kw plasma facility. 12 p1974 A67-25404
The Army Missile Command 8,000 kw plasma facility. 20 p3415 A67-36551
- BARR, W. L.**
Curved-field plasma transmission into a mirror machine. 03 p0485 A67-14048
Studies of a coaxial E x B plasma gun. 13 p2163 A67-26291
- BARRACLOUGH, M.**
Electrophoretic deposition of ferrite for computer stores. 22 p3812 A67-39915
- BARRANCO, J. M.**
Reinforcement of nickel with some high-strength filaments. 08 p1342 A67-20909
- BARRANGER, J. P.**
Improved high-temperature cobalt-iron alloy for square-loop and power transformer applications. 05 p0864 A67-16833
- BARRERE, M.**
Recent results obtained on hybrid or lithergol systems /Resultats recents obtenus sur les systemes hybrides ou a lithergols/. 01 p0139 A67-11416
Heterogeneous combustion - Application to the combustion of chemical propellants /La combustion heterogene - Application a la combustion des propergols chimiques/. 07 p1239 A67-20116
Liquid-solid rockets. 20 p3516 A67-36487
- BARRETT, A. H.**
Observations of microwave emission by molecular oxygen in the terrestrial atmosphere. 02 p0237 A67-11852
Observations of OH emission in the H II region W3 with a 74400 lambda interferometer. 14 p2389 A67-28845
Absolute measurements of the radio flux from Cassiopeia A and Taurus A at 3.64 and 1.94 cm. 19 p3330 A67-36073
Spectral line interferometry with independent time standards at stations separated by 845 kilometers. 20 p3523 A67-36648
Radio observations of interstellar hydroxyl radicals. 21 p3704 A67-38567
- BARRETT, C. C.**
On the application of electric propulsion to satellite orbit adjustment and station keeping. [AIAA PAPER 67-719] 21 p3694 A67-38745
- BARRETT, C. F.**
Temperature distributions and thermal stresses in a partially filled annulus. 03 p0531 A67-14363
- BARRETT, D. L.**
Electron mobility measurements in SiC polytypes. 08 p1370 A67-21294
- BARRETT, J. A.**
New developments in the field of gimbaled jet engines /Neue Entwicklungen auf dem Gebiet der Schwenkduesentrleibwerke/. 03 p0503 A67-13008
- BARRETT, P. J.**
Drift waves in a caesium plasma. 11 p1834 A67-24379
Dispersion and damping of electron plasma waves. 11 p1837 A67-24401
Electron wakes in a positive column. 19 p3273 A67-35093
- BARRETT, T. B.**
Binary correlations in a stable homogeneous plasma. 13 p2164 A67-26295
Artificial red aurora. I. 16 p2664 A67-30977
- BARRETT, W. F.**
Testing philosophy for design and structural concept selection of hypersonic flight vehicles. [AIAA PAPER 65-367] 02 p0331 A67-11929
- BARRIAGE, J. B.**
V/STOL ports and short-haul air transportation. 22 p3779 A67-39381
- BARRICELLI, N. A.**
Measurements of the depth of loose and loosely bonded material on the lunar surface based on Ranger VII, VIII and IX photographs. 08 p1401 A67-21361
- BARRIE, R.**
The temperature dependence of the energy levels of shallow donor impurities in silicon. 13 p2176 A67-26987
- BARRINGER, A. R.**
Studies of the radar properties of rocks in vacuum and the design of a specialized radar for measuring stratification features of the lunar and terrestrial surface. 01 p0021 A67-10324
Radio frequency reflectivity experiments proposed for AES lunar orbital flights. 08 p1295 A67-21080
- BARRINGTON, R. E.**
Some characteristics of the lower hybrid resonance noise bands observed by the Alouette I satellite. 06 p0964 A67-18567
Plasma-induced interference in satellite V.L.F. receivers. 06 p0964 A67-18569
Ion composition from VLF phenomena observed by Alouette I and II. 10 p1649 A67-23303
- BARRON, C. H.**
A new approach to nonlinear chemical reaction rate equations. 15 p2434 A67-30023

- BARRON, P. P.**
Measurement of optical surface roughness using coherent radiation. 01 p0020 A67-10020
- BARRON, R. L.**
On-line self-organizing control of multiple-goal, multiple-actuator systems. 16 p2648 A67-31654
Inference of vehicle and atmosphere parameters from free flight motions. 19 p3337 A67-35996
- BARRON, S.**
Thermistor theory and special applications. 18 p3050 A67-34503
- BARROW, C. H.**
B and C "sources" of Jovian decametric radiation. 06 p1086 A67-18375
- BARROW, H.**
Asymmetric heat transfer in turbulent flow between parallel plates. 15 p2469 A67-29133
- BARRY, A. L.**
Radiation hardening of MOS transistors for low ionizing dose levels. 04 p0589 A67-15714
- BARRY, H. F.**
Lubrication review - A digest of the literature for 1965. [ASME PAPER 66-WA/LUB-8] 04 p0629 A67-15349
- BARRY, J. D.**
A fluxgate magnetometer for the applications technology satellite. 04 p0626 A67-15723
Radio reflection by free radicals in earth's atmosphere. 17 p2817 A67-33233
- BARRY, J. E.**
A quantitative evaluation of constrained-layer damping. [ASME PAPER 67-VIBR-26] 11 p1872 A67-24184
- BARRY, W. T.**
Status of reentry vehicle heatshields. 10 p1672 A67-23721
- BARSKII, A. G.**
Periodic regimes in two-channel automatic systems with a nonlinear element in the single-channel part of the loop /Periodicheskie rezhimy v dvukhkanal'nykh avtomaticheskikh sistemakh s nelineinym elementom v odnokanal'noi chasti kontura/. 01 p0023 A67-10494
Periodic modes in two-channel automatic control systems containing a nonlinear element in the single-channel part of the circuit. 10 p1608 A67-23616
- BARSOV, F. F.**
Parameters of high-power transistors in the saturation state. 01 p0037 A67-10714
- BARSTOW, J. M.**
Satellite communications systems. 03 p0370 A67-13830
Results of user reaction tests on communication via Early Bird satellite. 06 p0959 A67-17666
- BARSUKOV, K. A.**
Radiation from an oscillator in an inhomogeneous and nonstationary medium. 02 p0192 A67-11643
Cerenkov effect for surface waves. 04 p0668 A67-15273
- BART, A. E.**
Testing for the independence of failures in redundant systems. 05 p0813 A67-17256
- BARTA, F. A.**
Designing for reliability. 09 p1582 A67-22302
- BARTA, J.**
Boundary-value problem of a uniformly loaded plate, with the Navier condition satisfied at the edge /Ueber das Randwertproblem der gleichmaessig belasteten Platte, an deren Rand die Naviersche Bedingung erfuellt ist/. 13 p2217 A67-26631
Theorems concerning the stability of an elastic structure in a state of rest /Saetze ueber die Stabilitaet der Ruhestellung eines elastischen Gebildes/. 23 p4078 A67-41196
- BARTE, G. R., JR.**
Flexible wings for maneuvering and landing application in the de-coupled concept. [AIAA PAPER 67-200] 07 p1258 A67-19440
- BARTEK, M. J.**
Study of man during a prolonged exposure to oxygen at 258 mm. Hg total pressure - Supplemental biochemical monitoring. 23 p3960 A67-41703
- BARTEL, C.**
Instrumentation and parameter surveillance and display with an on-line computer. 01 p0076 A67-11144
- BARTELS, G.**
Unified theory for the bending and buckling of sandwich shells - Application to axially compressed circular cylindrical shells. 10 p1728 A67-23761
- BARTELINK, D. J.**
Propagation and instability of transverse waves in current-carrying electron-hole plasmas. 17 p2925 A67-33377
- BARTELS, T. T.**
Contamination detection by analytical instrumentation. 23 p3998 A67-40844
- BARTENEV, G. M.**
Temperature dependence of the actual contact area and the friction forces in highly elastic materials /Temperaturnaya zavisimost' ploskchadi fakticheskogo kontakta i sil'y treniya vysokoelelastichnykh materialov/. 23 p4021 A67-40596
- BARTENEV, L. S.**
Pulse-edge shaping by means of a tunnel diode monostable oscillator driven in series via an inductance. 04 p0586 A67-15674
- BARTERA, R. E.**
Recent solar simulation developments at the jet propulsion laboratory. 12 p1925 A67-25734
- BARTH, C. A.**
The ultraviolet spectroscopy of planets. 04 p0696 A67-14699
Atmospheric scattering of the solar flux in the middle ultraviolet. 10 p1629 A67-22736
Calculations of the photoelectron excitation of the dayglow. 20 p3434 A67-37421
- BARTH, H.**
The high-altitude test stands of the DVL rocket test range at Lampoldshausen - Planning considerations and preliminary results from altitude simulation /Die Hoehenpruefstaende des Raketenversuchsfeldes der DVL in Lampoldshausen - Gesichtspunkte bei der Planung und erste Ergebnisse von der Erprobung der Hoehensimulation/. [DVL-604] 03 p0394 A67-13029
- BARTH, R. E.**
Black-ball radiation tables and radiative equilibrium temperatures computed through their use. 05 p0838 A67-17277
- BARTHEL, G.**
Developmental status of foldable plastic mirrors as part of a satellite energy supply system /Stand der Entwicklung entfaltbarer Kunststoffspiegel als Teil einer Energieversorgungsanlage fuer Satelliten/. 04 p0558 A67-15957
- BARTHEL, H. O.**
Wave propagation in one-dimensional reactive flows. 03 p0405 A67-14026
- BARTHEL, J. R.**
Transient coupling between motions of plasma and neutrals in the F region. 08 p1325 A67-21151
- BARTHOLOMAEI, N. T.**
Oil mist deposits test - A technique for evaluating the deposit forming tendency of jet engine lubricants. 16 p2683 A67-31755
- BARTHOLOMEW, C. S.**
Reliability and sterilization. 04 p0563 A67-15239
Reliability and program decision making. 07 p1259 A67-19617
Reliability and program decision making. 09 p1582 A67-22291
- BARTHOLOMEW, C. Y.**
Recombination centers in silicon transistor emitter-base junctions. 22 p3770 A67-39732
- BARTLE, E. R.**
Quick change, high vacuum window and heat transfer gauge installation for shock tubes. 10 p1658 A67-23789
Shock-tube study of the radiative processes in systems containing atomic oxygen and carbon monoxide at high temperature. 23 p4029 A67-40972
- BARTLETT, E. P.**
Nonsimilar solution of the multicomponent laminar boundary layer by an integral matrix method. [AIAA PAPER 67-218] 06 p0988 A67-18364
A multicomponent boundary layer chemically coupled to an ablating surface. [AIAA PAPER 65-642] 14 p2297 A67-28108
- BARTLETT, E. S.**
The mechanical behavior of refractory-metal alloys. 05 p0829 A67-16741
Coatings of High-Temperature Materials. 19 p3244 A67-34956
Properties of coated refractory metals. 19 p3244 A67-34958
Protecting refractory metals against oxidation. 20 p3463 A67-36133
Elevated-temperature tensile ductility minimum in silicide coated Cb-10W and Cb-10W-2.5Zr. 22 p3821 A67-40052
- BARTLETT, H. E.**
Dielectric - Highly efficient low noise antenna feeds. 04 p0590 A67-15903
- BARTLETT, R. O.**
Evaluation of an ion propulsion system for a synchronous spacecraft mission. [AIAA PAPER 67-720] 21 p3694 A67-38746
- BARTLETT, R. W.**
High temperature Verneuil crystal growth by arc melting. 21 p3636 A67-38769
Effect of liquid surface tension on maximum particle size in two-phase nozzle flow. 22 p3787 A67-40225
- BARTLEY, W. C.**
Pioneer VI detector to measure degree of anisotropy of cosmic radiation in energy range 7.5-90 MEV/nucleon. 09 p1500 A67-22427
A digital system for accurate time sector division of a spin-stabilized vehicle. 11 p1870 A67-24441
Cosmic-ray propagation processes. 22 p3871 A67-39798
- BARTLING, J. Q.**
Autocorrelation spectroscopy. 01 p0018 A67-10504
- BARTOE, O. E., JR.**
Image velocity sensing with moving reticle scanners. 19 p3231 A67-35689
- BARTOLI, G.**
Necessity of coordinating marine and air transportation /Necessita' del coordinamento dei trasporti navali ed aerei/. 05 p0920 A67-16603
- BARTOLOZZI, G.**
Natural vibrations of stiffened shells /Vibrazioni proprie dei gusci irrigiditi/. 01 p0163 A67-11148
- BARTON, C. J.**
The influence of a second-phase interface on the work hardening behavior of an aluminum-5 atomic percent silver alloy. 01 p0092 A67-10055
Identification of strengthening precipitates in 18Ni /250/ aluminum, vanadium, and titanium maraging steels. 22 p3822 A67-40059
- BARTON, D.**
A scheme for manipulative algebra on a computer. 08 p1299 A67-21260
- BARTON, D. K.**
Radar technology for the 1970's. 06 p0957 A67-17584
- BARTON, J.**
Super jet pulse-taker. 16 p2596 A67-31493
- BARTON, J. A.**
Future aspects of VTOL safety. [AIAA PAPER 66-813] 01 p0008 A67-10031
Future aspects of VTOL safety. [AIAA PAPER 66-813] 15 p2419 A67-29411
- BARTON, J. C.**
An investigation of cosmic rays underground using a scintillator stack. IV. 06 p1076 A67-17650
- BARTON, J. R.**
Multifaceted solar array performance determination. 24 p4104 A67-42509
- BARTON, R. S.**
A three-dimensionally reinforced material. 24 p4176 A67-42424
- BARTON, W. R.**
Controlled recovery of payloads at large glide distances, using the Para-Foil. 08 p1409 A67-20545
- BARTRAM, R. H.**
Energy gap and thermal conductivity of pure and impure superconducting tin. 10 p1687 A67-22762
- BARTZ, J. A.**
Speed-ratio measurements in nonequilibrium nozzle and free-jet expansions. 14 p2301 A67-28182
- BARUA, A. K.**
Temperature dependence of thermal diffusion factors in ternary gas mixtures. 16 p2661 A67-31223
- BARUCH, M.**
Inversion of the eccentricity effect in stiffened cylindrical shells buckling under external pressure. 04 p0716 A67-15746
Influence of in-plane boundary conditions on the stability of conical shells under hydrostatic pressure. 11 p1873 A67-24214
General instability of cylindrical shells with nonuniform stiffeners. 11 p1874 A67-24225
On the stability of eccentrically stiffened cylindrical shells under axial

- compression. 17 p2961 A67-32775
- BARUCH, P.**
Photoconductivity in silicon irradiated at low temperature /Photoconductivite dans le silicium irradie a basse temperature/. 17 p2920 A67-32864
- BARWELL, F. T.**
The investigation of unusual bearing failures. 09 p1506 A67-22195
- BARYSHEV, I. U. V.**
Supersonic flow past bodies of rotation with circular grooves /Sverkhzukovoe obtekanie tel vrashcheniya s kol'tsevyimi ugubleniyami/. 05 p0751 A67-17480
- BARYSHEV, N. S.**
Electron mobility in p-type InSb. 01 p0129 A67-10098
Deep-lying energy levels in indium antimonide. 05 p0861 A67-16399
Splitting of the ground state of double acceptors in semiconductors /O rasshcheplenii osnovnogo sostoyaniya dvoynnykh akseptorov v poluprovodnikakh/. 18 p3099 A67-33699
- BARYSHEV, V. A.**
Errors of infrared-horizon pickups /Pogreshnosti datchikov infrakrasnogo gorizonta/. 02 p0240 A67-11541
Errors of infrared horizon data units. 16 p2677 A67-31607
- BARZDA, J. J.**
Rotor entry vehicle systems /REVS/ for safe landings. 06 p0949 A67-18490
Rotor entry vehicle system for safe landings. [AIAA PAPER 67-203] 15 p2419 A67-29444
Rotary wing decelerators. 17 p2796 A67-32517
- BARZILOVICH, E. I. U.**
Servicing of complex technical systems. 22 p3812 A67-39746
- BARZYKIN, V. V.**
Contribution to the thermal explosion theory of self-accelerating reactions /K teorii teplovogo vzryva samouskorayushchikhsia reaktsii/. 12 p2039 A67-26111
- BASARGIN, I. V.**
A firing range for aerodynamic studies /Poligon dlia aerodinamicheskikh issledovani/. 16 p2655 A67-31116
A device for measuring the coordinates of the center of gravity of a body in space from a photograph /Prisobleniye dlia izmerenii koordinat tsentra tlazhesti tela v prostranstve po fotografii/. 16 p2674 A67-31120
- BASAVARAJU, G.**
Possibilities of observation of nonlinear quantum electrodynamic effects in vacuum. 09 p1534 A67-22021
- BASCOMBE, K. N.**
Calculation of ignition delays in the hydrogen-air system. 13 p2185 A67-26259
- BASEVICH, V. I. A.**
Flame propagation in the ignition peninsula of hydrogen-oxygen mixtures. 22 p3919 A67-40223
- BASHARA, N. M.**
Ellipsometer study of anomalous absorption in very thin dielectric films on evaporated metals. 01 p0138 A67-11075
A literature survey on interfaces, thin dielectric films and surfaces. 08 p1370 A67-21188
- BASHENOV, V. K.**
On deep acceptors in iron-doped gallium arsenide. 16 p2726 A67-30814
- BASHIROV, R. I.**
Influence of spin on the quantum oscillations of the magnetoresistance coefficients in n-InSb. 05 p0861 A67-16394
Quantum oscillations of the Nernst-Ettingshausen effect in n-type InSb /Kvantovye ostsilitsii efekta Nernsta-Ettingsgauzena v n-InSb/. 13 p2174 A67-26368
Quantum oscillations of the Nernst-Ettingshausen effect in indium arsenide. 14 p2376 A67-29087
Quantum oscillations of the Nernst-Ettingshausen effect in n-type InSb. 21 p3680 A67-38324
- BASHKATOV, V. A.**
Generalized hydrodynamic equation for determining the thrust of an isolated ramjet engine /Obobshchennoe gidrodinamicheskoe uravneniye dlia opredeleniya sily tiagi izolirovannogo dvigatelya priamo reaktivnogo/. 03 p0503 A67-13086
- BASHKIN, S.**
Solar content of C super 13. 02 p0324 A67-11770
Collisional excitation of neon spectra. 03 p0472 A67-13324
Decay of some levels in O IV. 10 p1678 A67-22718
Interference of fine-structure levels of He II. 23 p4029 A67-40956
- BASHKIN, V. A.**
Choosing the characteristic dimension of an axisymmetric body of given shape, optimal with respect to heat transfer conditions. 04 p0546 A67-14794
Laminar boundary layer on ellipsoids of revolution /Laminarnyi pogranchnyy sloi na ellipsoidakh vrashcheniya/. 06 p0936 A67-17740
Three-dimensional laminar boundary layer at a spreading line for conical external flow in the absence and presence of injection /suction/ of a uniform gas /Prostranstvennyi laminarnyi pogranchnyy sloi na llini rastekaniya pri konicheskom vneshnem techenii pri otsutstvi i nalichii dvuga /otsoza/ odnorodnogo gaza/. 16 p2656 A67-30454
Experimental investigation of the flow past plane delta wings at M equals 5 and angles of attack ranging from 0 to 70 deg /Eksperimental'noye issledovanie obtekanii ploskikh treugol'nykh krylev pri chisle M equals 5 v diapazone uglov ataki ot 0 do 70 deg/. 18 p2984 A67-34208
- BASHMAKOVA, M. I.**
Effect of an electric field on the electrical conductivity of solid and liquid organic semiconductors /Vliyanie elektricheskogo polya na elektroprovodnost' tverdykh i zhidkikh organicheskikh poluprovodnikov/. 06 p1049 A67-17857
Behavior of the electrical conductivity on melting in an organic semiconductor. 20 p3508 A67-36404
Conductivity and IR spectra of organic semiconductors in liquid state /Provodimost' i IK-spektry organicheskikh poluprovodnikov v zhidkom sostoyanii/. 22 p3861 A67-39922
- BASILOVA, R. N.**
Measurement of the effective cross section of the inelastic interaction of protons with carbon nuclei at energy levels of 10 super 10 to 10 super 12 ev by the Proton-1 satellite /Izmereniya effektivnykh sechenii neuprugogo vzaimodelstviya protonov s ladrami ugleroda pri energiyakh 10 super 10 - 10 super 12 ev na ISZ Proton-1/. 02 p0315 A67-12757
Determination of the location of the cosmic-ray equator from the results of measurements on board the satellite Proton 1 /Opredeleniye polozeniya ekvatora kosmicheskikh luchei po rezul'tatam izmerenii na ISZ Proton-1/. 05 p0878 A67-16090
Measurements on board the satellite Proton 1 of the cross sections for inelastic interaction of protons with carbon nuclei at energies of 10 super 10 to 10 super 12 ev. 22 p3876 A67-40259
Determination of the location of the cosmic ray equator on the basis of data recorded by Proton 1. 24 p4212 A67-42766
Measurement of the effective cross section of inelastic interaction between protons and carbon nuclei at energies from 10 super 10 to 10 super 12 ev on the Proton 1 and 2 space stations /Izmereniya effektivnogo secheniya neuprugogo vzaimodelstviya protonov s ladrami ugleroda v diapazone energii 10 super 10 - 10 super 12 ev na kosmicheskikh stantsiyakh Proton-1 i Proton-2/. 24 p4219 A67-42843
- BASINSKI, J.**
Ionization energy and impurity band conduction of shallow donors in n-gallium arsenide. 06 p1052 A67-18570
- BASISTOV, G. G.**
Selection of optimal parameters for the servosystems of a radio telescope with allowance for wind perturbation /Vybor optimal'nykh parametrov slediaschikh sistem radioteleskopa s ucheto vetrovogo vozmushcheniya/. 20 p3403 A67-37519
- BASIULIS, A.**
The development of a high-temperature reservoir for automatic control of cesium pressure. 09 p1449 A67-22349
- BASKAKOV, A. P.**
Limiting value of the heat transfer coefficient in a rotating and a boiling layer /O predel'nom znachenii koeffitsienta teplootdachi v dvizhushchemsia klplashchem sloakh/. 06 p1118 A67-18549
- BASKEY, R. H.**
Fiber-reinforced, sintered composites. 01 p0098 A67-10705
- BASL, G. J.**
Evaluation of mechanical properties of 2014-T6 weldments by nondestructive eddy current/ methods. 06 p1007 A67-17640
- BASLER, K.**
Torsion. 10 p1720 A67-23578
- BASOV, N. G.**
Some properties of indium phosphide based semiconductor lasers /Nekotorye svoystva poluprovodnikovyykh kvantovykh generatorov na osnove fosfida indiya/. 01 p0088 A67-10065
Properties of gallium arsenide diode lasers /Svoystva diodnykh kvantovykh generatorov, izgotovlennykh iz arsena galliya/. 01 p0086 A67-10066
Effect of current injections on the response characteristics of GaAs laser radiation /Vliyanie toka inzhetsii na vremennyye kharakteristiki izlucheniya PKG na GaAs/. 01 p0087 A67-10083
Semiconductor p-n junction lasers in the InAs sub 1 sub -x Sb sub x system. 01 p0087 A67-10087
Laser with nonresonance feedback /Opticheskii kvantovyi generator s nerezonansnoi obratnoi svyaz'yu/. 01 p0090 A67-10740
Electron beam excited lasers made from solid solutions of GaP sub x As sub 1 sub minus x. 02 p0251 A67-11824
Certain characteristics of the generation of optical radiation in CdS as a result of electron excitation. 02 p0251 A67-11828
Theory of undamped intensity pulsations in lasers. 03 p0437 A67-13208
Heating and scattering of a plasma produced by a giant laser pulse focused on a solid target /Nagrevaniye i razlet plazmy, obrazulushchetsia pri vozdeistvii sfokusirovannogo gigantskogo impul'sa lazera na tverdulu mishen'/. 03 p0486 A67-14194
Gallium arsenide laser with plane resonator. 04 p0634 A67-15759
Short-pulse Q-switched laser with variable pulse length. 05 p0817 A67-16641
A laser with a nonresonant feedback. 05 p0818 A67-16642
Theory of pulsating conditions for lasers. 05 p0820 A67-16662
Semiconductor lasers with radiating mirrors. 05 p0821 A67-16669
Semiconductor lasers using optical pumping. 06 p1013 A67-18930
Some properties of semiconductor lasers based on indium phosphide. 08 p1339 A67-21448
Properties of diode quantum generators prepared from gallium arsenide. 08 p1339 A67-21449
Effect of injection current on the time dependence of the emission from GaAs lasers. 08 p1340 A67-21460
Semiconductor laser employing GaAs under optical excitation by radiation of a quantum energy close to the width of the forbidden band /Poluprovodnikovyi kvantovyi generator na GaAs pri opticheskoy vozbuzhdenii izlucheniem s energiei kvantov, blizkoi k shirine zapreshchennoi zony/. 09 p1512 A67-21973
Giant pulse structure in a laser with instantaneous Q-switching. 10 p1666 A67-23584
Production of spectra of multiply charged ions by focusing laser radiation on a solid target. 12 p1986 A67-26065
A laser with nonresonant feedback. 13 p2126 A67-26769
Formation of a long spark in air under the effect of weakly focused laser radiation /Obrazovanie dlinnoi iskry v vozdukh pod vozdeistviem slabo sfokusirovannogo izlucheniya lazera/. 13 p2129 A67-27628
Heating and decay of plasma produced by a giant laser pulse focused on a solid target. 14 p2360 A67-28539
Feasibility of modulating the emission of a semiconductor laser by current-carrier heating /Vozmozhnost' modulatsii izlucheniya poluprovodnikovogo kvantovogo generatorya putem razogreva nositelei toka/. 15 p2496 A67-29236
GaAs semiconductor laser optically excited by radiation having energy close to the

- forbidden band width. 17 p2870 A67-33310
Possible mechanism of the nonequilibrium
radio emission of the sun by beta-decay
electrons /O vozmozhnom mekhanizme
neravnovesnogo radioizlucheniia solntsa
elektronami
beta-raspad/. 20 p3520 A67-37522
Output pulsations in a
maser. 21 p3638 A67-37941
Thermal methods for laser
excitation. 21 p3638 A67-37942
Properties of injection lasers at 0.8-1.1
mu. 21 p3639 A67-37943
Experiment concerning the operation of a
molecular-beam laser on board a satellite
/Opyt raboty molekuliarnogo generatora na
iskusstvennom sputnike
zemli/. 21 p3582 A67-38594
Formation of a long spark in air by
weakly focused laser
radiation. 21 p3642 A67-38824
- BASOV, S. N.**
Liquid metal injection in MHD converters
/Magnetanie zhidkikh metallov dlia MGD
preobrazovatelei/. 16 p2606 A67-30587
- BASOV, V. V.**
Thermal stresses and displacements in flat
wedges /Temperaturnye napriazheniia i
peremeshcheniia v ploskikh
klin'akh/. 13 p2219 A67-27058
- BASS, A. M.**
A vacuum ultraviolet flash photolysis
apparatus. 05 p0807 A67-16782
The forbidden I super I sigma super
minus -X super I sigma super plus
absorption bands of carbon
monoxide. 05 p0848 A67-16847
An improved design for vacuum ultraviolet
resonance lamps. 08 p1329 A67-20354
Flash photolysis of methane in the vacuum
ultraviolet. II. 12 p1904 A67-26228
- BASS, A. S.**
The role of chemical propellants in the
NASA lunar exploration
program. 05 p0874 A67-17016
- BASS, B. R.**
Further study on "A stability criterion for
panel flutter via the second method of
Liapunov." 23 p4081 A67-41752
- BASS, F. G.**
Electron-drift resonance amplification of
associated electromagnetic and acoustic
waves in semiconductors and semimetals
/Rezonansnoe usilenie svyazannykh
elektromagnitnykh i zvukovykh voln dreifom
elektronov v poluprovodnikakh i
polumetallakh/. 01 p0128 A67-10081
Resonance amplification of coupled
electromagnetic and acoustic waves by
electron drift in semiconductors and
semimetals. 08 p1371 A67-21458
Nonlinear theory of wave propagation in
semiconductors. 10 p1694 A67-23592
- BASS, J. C.**
Gunn-effect oscillators with vapour-grown
contact layers. 07 p1153 A67-19609
- BASS, L.**
Economics of nondestructive
testing. 05 p0813 A67-17259
- BASS, M.**
Broad-band light amplification in organic
dyes. 20 p3460 A67-36855
- BASS, R. W.**
Optimal nonlinear feedback control
derived from quartic and higher-order
performance criteria. 01 p0046 A67-11206
Optimal multichannel nonlinear
filtering. 04 p0592 A67-15084
Simplified algebraic characterization of
optimal singular control for autonomous
linear plants. 16 p2649 A67-31669
Lateral stability augmentation of
supersonic aircraft using multichannel
optimal feedback control. 22 p3746 A67-40155
- BASS, S. J.**
Properties of gallium arsenide crystals
produced by liquid encapsulation
pulling. 10 p1693 A67-23516
- BASSANI, L.**
Theory of argon breakdown under the
effect of laser radiation /Theorie du
claquage de l'argon sous l'effet du
rayonnement d'un laser/. 17 p2869 A67-32804
- BASSANINI, P.**
Scattering of waves by a medium with
strong fluctuations of refractive
index. 07 p1141 A67-19441
The problem of a cylinder rotating in a
rarefied gas. 13 p2101 A67-26963
- BASSEL, A. B.**
Calculation of the evaporation process of
particles in a high-temperature gas stream
under nonadiabatic conditions /K raschetu
protsesta ispareniiia chastits v
vysokotemperaturnom potoke gaza v
neadlabaticheskikh
usloviakh/. 08 p1428 A67-21424
- BASSETT, R. W.**
An investigation of the aerodynamics of
intakes in the upper surface of a
wing. 14 p2243 A67-28702
- BASSEWITZ, A.**
The influence of the substrate on the
structure and conductivity of condensed
metal films /Der Einfluss der Unterlage auf
die Struktur und Leitfaehigkeit metallischer
Aufdampfschichten/. 15 p2540 A67-30122
- BASTERFIELD, J.**
Domain configurations in yttrium iron
garnet. 23 p4041 A67-41185
- BASTIANI, A.**
The general optimization problem /Sur le
probleme general
d'optimisation/. 19 p3205 A67-35908
- BASTIANON, R.**
Three-dimensional effects in intakes and
nozzles.
[AIAA PAPER 67-224] 06 p0942 A67-18518
- BASTIN, J. A.**
Small scale lunar
roughness. 01 p0150 A67-10893
Extreme infra-red atmospheric
absorption. 06 p0998 A67-18717
Observations in the wavelength range 1 to
3 mm. 08 p1390 A67-21022
- BASTRESS, E. K.**
Heat-transfer processes during ignition of
ignition of solid propellant rockets.
[AIAA PAPER 66-66] 05 p0873 A67-17217
A hot-gas tunnel for convective heating
experiments.
[AIAA PAPER 67-106] 06 p0981 A67-18473
- BASTUN, V. N.**
Effect of a preceding plastic deformation
on the shape of the limiting-state curves of
high-strength steel /Vlianie predvaritel'nogo
plasticheskogo deformirovaniia
vysokoprochnoi stali na formu krivyykh
predel'nykh sostoiiani/. 02 p0255 A67-12667
- BASU, D.**
Irregularities in the solar
atmosphere. 01 p0150 A67-10891
Relation between basic components of
solar radio emission at centimetre and
decimetre wavelengths and the solar
cycle. 03 p0513 A67-14005
- BASU, S.**
Satellite ORBIS experiment.
[RASSA PAPER 1-10-146] 03 p0373 A67-14253
Solar microwave flux as an index of
sudden cosmic noise
absorption. 13 p2190 A67-26311
- BASYE, C. B.**
Oscillations of a sphere in a cylindrical
tube containing a viscous liquid.
[ASME PAPER 66-WA/UNT-5] 04 p0608 A67-15442
- BATAILLE, J.**
One-dimensional freezing of a semi-infinite
medium with variable thermal properties
/Congelation unidimensionnelle d'un milieu
semi-infini a proprietes thermiques
variables/. 01 p0166 A67-10758
Study, using the theory of
servomechanisms, of the stability of a one-
dimensional polyphase flow in a porous
medium /Etude, par la theorie des
servomecanismes, de la stabilite d'un
ecoulement polyphasique unidimensionnel
dans un milieu poreux/. 16 p2609 A67-31713
- BATALOVA, Z. S.**
Numerical investigation of dynamic
systems with the aid of a computer /K
chislennomu issledovaniiu dinamicheskikh
sistem s pomoshch'iu
EVM/. 22 p3777 A67-39778
- BATANOV, G. M.**
Injection of a plasma into a closed
magnetic trap with a double-helix field
/Inzhekttsiia plazmy v zamknutulu magnitnulu
lovushku s dvukhzhakhodnym vintovym
polem/. 17 p2903 A67-32910
- BATCHELDER, O. R.**
Interface problems in a multipurpose
tester. 03 p0424 A67-14214
- BATDORF, R. L.**
Time dependence of avalanche processes
in silicon. 18 p3105 A67-34628
- BATE, E. R., JR.**
Measurements on fully wetted and
ventilated ring wing hydrofoils.
[ASME PAPER 66-WA/UNT-4]
- BATE, R. T.**
Galvanomagnetic studies of Sn-doped
Bi. 06 p1070 A67-18984
- BATEMAN, D. A.**
Generation of U.V. radiation from a Nd-
glass laser by frequency multiplication in
ADP. 06 p1011 A67-18712
- BATENIN, V. M.**
Experimental study of the electrical
conductivity of an argon plasma with an
ionizing additive /Eksperimental'noe
issledovanie elektropovodnosti plazmy argona
s ionizirulushchiesia
dobavkoi/. 16 p2710 A67-30523
- BATER, M.**
Submillimetre wave observations at an
altitude of 40,000 ft. 13 p2114 A67-26795
- BATES, A. D.**
Optical study of a barium
Q-plasma. 11 p1838 A67-24406
- BATES, B.**
Recent developments in the application of
the Fabry-Perot interferometer to space
research. 20 p3440 A67-36359
- BATES, D. R.**
Quenching of auroral hydrogen line
emission by collisional
ionization. 05 p0804 A67-17413
Inelastic collisions between hydrogen and
helium atoms. 06 p1034 A67-17649
Atmospheric nitrous
oxide. 08 p1327 A67-21369
Excited atoms in decaying optically thick
plasmas. 16 p2715 A67-31168
- BATES, G. P., JR.**
V/STOL ports and short-haul air
transportation. 22 p3779 A67-39381
- BATES, H. E.**
A contribution to the question of
compatibility between metals and certain
high modulus fibers. 03 p0443 A67-13429
- BATES, H. F.**
On using direct backscatter to predict
communications. 01 p0020 A67-10007
Electron number densities in auroral
irregularities - Comparison of backscatter
and satellite data. 08 p1328 A67-21481
- BATES, J. H.**
Physiological support of the SR-71
program. 23 p3968 A67-41616
- BATES, L. J.**
A technique for apportionment of
quantitative maintainability
goals. 08 p1315 A67-20670
- BATES, T.**
Research on a charged particle bipolar
thruster.
[AIAA PAPER 67-728] 21 p3694 A67-38752
- BATES, T. R.**
Coupled molecular flow and surface
diffusion - Application to cesium
transport. 15 p2520 A67-29494
- BATHA, H. D.**
Strength characteristics of whisker
crystals, microcrystals, and
macrocrystals. 03 p0449 A67-13306
Metallic fibers. 06 p1019 A67-18558
- BATHKER, D. A.**
Large ground antenna performance with
solar noise jamming. 05 p0780 A67-17524
Lunar range radiation patterns of a 210-
foot antenna at S-band.
[JPL-TR-32-1079] 11 p1763 A67-24298
A stepped mode transducer using
homogeneous waveguides. 11 p1767 A67-24733
- BATIFOL, E.**
Addition in tellurium of two radiations
emitted by a CO sub 2 laser /Addition, dans
le tellure, de deux rayonnements produits
par un laser CO sub 2/. 04 p0632 A67-14914
Generation of the second harmonic of
laser radiation in selenium and in a
tellurium-selenium alloy /Generation du
second harmonique d'un rayonnement laser
dans le selenium et dans un alliage tellure-
selenium/. 23 p4016 A67-41192
- BATKA, M.**
Experience with computer solution of
weather forecast equations /Erfahrungen mit
der Loesung von Gleichungen der
Wettervorhersage mittels automatischer
Rechenmaschine/. 11 p1816 A67-24330
- BATOV, A. P.**
The role of cladding in the fatigue of
duralumin. 15 p2504 A67-29827
- BATRA, I. P.**
Phonon-assisted magnetoabsorption in
direct-band
semiconductors. 24 p4203 A67-42267

BATRACOV, IU. V.

Perturbed motion of satellites with small orbital eccentricities. 05 p0905 A67-16570
Improvement of the satellite orbits with small eccentricities. 16 p2743 A67-30727
Solution of the shadow equation during small eccentricities /O reshenii uravneniya teni pri malykh ekscentrisitsetakh/. 20 p3523 A67-36624

BATSANOV, S. S.

Physicochemistry of pulse pressures /Fiziko-khimika impul'snykh davlenii/. 11 p1749 A67-24324

BATSON, R. M.

Compilation of Surveyor television mosaics. 08 p1333 A67-21504

BATT, J. A.

Characterization of the Fe-Fe sub x Sb eutectic system with respect to structure and ferromagnetic properties. 23 p4039 A67-40884

BATTAIL, J.

Study of fast tunnel diode switching /Etude de commutation rapide a diodes tunnel/. 19 p3193 A67-35065

BATTERMAN, R. H.

Behavior and maximum strength of metal columns. 20 p3538 A67-36780

BATTERMAN, S. C.

Effect of modes on plastic buckling of compressed cylindrical shells. 04 p0710 A67-14852

Tangent modulus theory for cylindrical shells - Buckling under increasing load. 17 p2961 A67-32776

BATTERSON, S. A.

Lunar surface mechanical properties - Surveyor 1. 08 p1386 A67-20942
Surveyor spacecraft touchdown-dynamics experiment. 08 p1411 A67-20949

BATTLES, J. W.

A hysteresis effect in step recovery millimeter wave harmonic generators. 05 p0780 A67-17529

BATTOCLETTI, J. H.

Natural resonance modes of cylindrical plasmas. 02 p0273 A67-12097

BATTS, J. R.

Performance simulation involving correlated part characteristics. 20 p3401 A67-37315

BATYREV, V. A.

Study of the W-Ta-Re system by the diffusion-layer method /Issledovanie sistemy W-Ta-Re metodom diffuzionnykh sloev/. 20 p3468 A67-37180

BATZOLD, J. S.

Recent developments in methanol-air fuel cells. 24 p4106 A67-42520

BAUCOM, R. M.

Research on boron filaments and boron reinforced composites. 03 p0452 A67-13407

BAUDER, U.

Investigation of an argon high-pressure arc /Untersuchungen am Argon-druckbogen/. 19 p3278 A67-35136
Temperature measurements in high-power argon arcs /Temperaturmessungen am Argon-Hochleistungsbogen/. 22 p3853 A67-40049

BAUDUIN, PH.

Electroacoustic effects in semiconducting cadmium sulfide - Application to the generation of current oscillations /Effets acoustoelectriques dans le sulfure de cadmium semi-conducteur - Application a la generation d'oscillations de courant/. 01 p0130 A67-10199

BAUER, A. B.

Some experiments in the near wake of cones. 15 p2418 A67-30215
Fluid drag on a sphere rolling in a tube. [ASME PAPER 67-APM-18] 17 p2840 A67-33149

BAUER, B.

Diagram for thermodynamic treatment of flow phenomena /Diagramm zur thermodynamischen Behandlung von Stromungsvorgaengen/. 03 p0537 A67-14304
Thrust augmentation of jet engines by controlled mixing of exhaust gases with ambient air /Schubsteigerung von Strahltriebwerken durch eine geregelte Vermischung des Abgases und der Umgebungsluft/. 07 p1242 A67-20119

BAUER, B. B.

External-ear replica for acoustical testing. 21 p3577 A67-38148

BAUER, CH. L.

Variations of Young's modulus throughout the mixed state in

niobium.

20 p3464 A67-36221

BAUER, E.

The formation of thin continuous films from isolated nuclei. 02 p0286 A67-11709
On the formation of single crystal films of f.c.c. metals on alkali halide cleavage planes in ultrahigh vacuum. 09 p1552 A67-21671

BAUER, F.

Boundary imperfections in the buckling of spherical caps. 13 p2220 A67-27452

BAUER, F. L.

Questions of accuracy in the solution of linear systems of equations /Genauigkeitsfragen bei der Loesung linearer Gleichungssysteme/. 05 p0834 A67-16721

BAUER, G. E.

Investigation of InAs epitaxial layers in GaAs substratum /Untersuchungen uber InAs-Epitaxieschichten auf GaAs-Substraten/. 12 p1980 A67-25201

BAUER, H. A.

Time multiplex satellite telemetry. 01 p0020 A67-10107

BAUER, H. F.

Response of liquid in a rectangular container. 03 p0404 A67-13784
The response of a non-linear system to pulse excitation. 09 p1533 A67-22153
Mechanical model for longitudinally excited sloshing motion. 22 p3786 A67-40104

BAUER, H.-J.

Influence of thermal radiation of sound propagation in gases /Der Einfluss von Waermestrahlung auf die Schallausbreitung in Gasen/. 01 p0114 A67-10840

Sound absorption in liquid N sub 2 O sub 4 by relaxation of the dissociation equilibrium /Schallabsorption in fluessigem N sub 2 O sub 4 infolge Relaxation des Dissoziationsgleichgewichts/. 01 p0019 A67-10841

BAUER, L. H.

The transmission of digital signals through random, time-variant, dispersive channels with application to chaff scatter. 09 p1462 A67-21604

BAUER, P.

Solar cell power systems for electric propulsion. [AIAA PAPER 66-891] 02 p0183 A67-12269
Fluidic pulse network hazards. 14 p2251 A67-28348

BAUER, P. H.

Velocity distribution measurements by a sensitive time of flight method. 14 p2316 A67-28185

BAUER, R. J.

A low noise figure 94 GHz gallium arsenide mixer diode. 02 p0213 A67-11649

BAUER, R. O.

The neurophysiology of anesthesia. 15 p2429 A67-29294

BAUER, R. W.

Panel layout for rectilinear instruments. 14 p2257 A67-28661

BAUER, S. H.

Transient species generated during the pyrolysis of hydrocarbons. 18 p2996 A67-33788

BAUER, V. O.

The influence of the structural characteristics of the fastening of disks on the critical velocities of rotors /Vliyanie konstruktivnykh osobennostei kreplenii diskov na kriticheskie skorosti rotorov/. 19 p3235 A67-34881

BAUER, W. H.

Flow behavior of low molecular weight polybutadiene, carboxyl-polybutadiene, and butadiene-acrylonitrile copolymers. 20 p3473 A67-36914

BAUERNFIND, W.

Designing strike aircraft. 15 p2418 A67-29396

BAUGHAN, K. M.

Generation of second harmonic radiation by a microwave maintained plasma cyclotron resonance. 05 p0850 A67-16046

BAUGHN, J. W.

Measurement of hypersonic heating to a SNAP reactor. 01 p0112 A67-11022
Surface catalytic effects on heat flux measurements. 15 p2468 A67-30154

BAULD, N. R., JR.

Dynamic stability of sandwich columns under pulsating axial loads. 17 p2963 A67-33036

BAUM, E.

Interacting supersonic laminar wake calculations by a finite difference method. [AIAA PAPER 66-454] 15 p2417 A67-30188

BAUM, E. A.

Development of high temperature thyratrons for large nuclear electrical space power systems. 15 p2448 A67-29755

BAUM, J.

Lasers - How far along/ques/. 08 p1295 A67-21283

BAUM, J. V.

O-ring permeation measurements for selected pressures and gland designs. 17 p2801 A67-31992

The design of separable tube connectors for transient thermal gradients. 17 p2864 A67-32009

BAUM, W.

Development, reliability, and acceptance tests for the third stage of the ELDO satellite launcher /Entwicklungs-, Zuverlaessigkeits- und Abnahmeversuche fuer die III. Stufe der ELDO-Traegerakete/. 18 p3136 A67-33639

BAUMAN, C. A.

Apparatus to measure mid-infrared spectral emittance of cold powders in a vacuum. 16 p2677 A67-31429

BAUMANN, G.

Some preliminary results concerning heavy cosmic ions in ionographic emulsions exposed in a satellite /Quelques resultats preliminares concernant les ions lourds cosmiques dans des emulsions ionographiques exposees en satellite/. 12 p1999 A67-25829

Heavy cosmic ions obtained in ionospheric emulsions exposed in a polar satellite /Ions lourds cosmiques obtenus dans des emulsions ionographiques exposees en satellite polaire/. 12 p1999 A67-25830

BAUMBERGER, C.

Ferroelectricity of barium titanate thin films of less than one micron thickness. 21 p3687 A67-39142

BAUMEISTER, E. B.

Status of large nuclear power supplies for electrical propulsion. [AIAA PAPER 66-1021] 03 p0363 A67-14153

BAUMEISTER, J.

Guidance of subsonic and supersonic aircraft, including such with VTOL capabilities, with particular reference to automatic landing /Die Lenkung von Unter- und Uberschallflugzeugen, auch mit VTOL-Flugeigenschaften, insbesondere im Hinblick auf die automatische Landung/. 03 p0464 A67-13003

BAUMEISTER, K. J.

Film boiling heat transfer from a horizontal surface as an optimal boundary value process. 04 p0734 A67-15849

A generalized correlation of vaporization times of drops in film boiling on a flat plate. 04 p0734 A67-15850

Film boiling from a thin wire as an optimal boundary-value process. [ASME PAPER 67-HT-62] 20 p3549 A67-36744

Lendenfrost film boiling of drops on a moving surface. [AICHE PAPER 32] 20 p3552 A67-36833

BAUMERT, L. D.

Extreme copositive quadratic forms. 05 p0836 A67-17045

II. Extreme copositive quadratic forms. 08 p1348 A67-21154

The cyclotomic numbers of order eighteen with applications to difference sets. 13 p2146 A67-26735

BAUMGARDNER, M. F.

Contributions of automatic crop surveys to agricultural development. [AIAA PAPER 67-766] 24 p4258 A67-42935

BAUMGARTH, S.

Diagnostic studies of ion sources at the DFL /Diagnostische Arbeiten ueber Ionenquellen bei der DFL/. 03 p0504 A67-13494

BAUMGARTL, B. J.

Second and third virial coefficient of a quantum gas from two-particle scattering amplitude. 05 p0849 A67-17316

BAUMGARTNER, T. C.

Fastener performance at elevated temperatures. [ASME PAPER 67-DE-18] 14 p2327 A67-28872

Getting the most out of threaded fasteners. 15 p2493 A67-29650

BAUMGARTNER, W. S.

High power C.W. radar transmitter. 04 p0596 A67-15051

BAUN, W. L.

Effect of alloying on the aluminum K and iron L X-ray emission spectra in the

- aluminum-iron binary system. 08 p1343 A67-21304
- BAUTOR, W.**
Introduction to the set of homomorphic decompositions of the state quantity of a finite automaton /Einfuehrung des Verbandes der homomorphen Zerlegungen der Zustandsmenge eines endlichen Automaten/. 19 p3202 A67-35605
- BAVA, E.**
Tentative approach to the design of waveguide-below-cutoff bandpass filters. 20 p3400 A67-37217
- BAVA, G. P.**
Tentative approach to the design of waveguide-below-cutoff bandpass filters. 20 p3400 A67-37217
- BAW, P. S.**
Density profiles in gas-solid suspension flow. 10 p1626 A67-23149
- BAXTER, A. D.**
Advancement in aeronautics. 03 p0538 A67-14380
- BAXTER, J. R.**
Present trends in research towards all-weather landing for civil aircraft. 17 p2795 A67-32122
- BAXTER, R.**
Cost effectiveness modeling applied to integrated circuits. 08 p1311 A67-20657
- BAXTER, R. G.**
A numerical solution of the time-varying diffusion equation for the F2-layer. 17 p2853 A67-33245
- BAYARD, G.**
Starting system for military aircraft /Systeme de demarrage pour avion militaire/. 12 p1988 A67-25186
- BAYER, H.**
Considerations concerning the damping and phase characteristics of gas-filled metallic waveguides near the cutoff frequency /Betrachtungen zur a Daempfung und Phasencharakteristik von gasgefuellten metallischen Hohlroehren im Bereich der Grenzfrequenz/. 04 p0576 A67-15656
- BAYER, K.**
Interdiurnal pressure variability as a mean of the objective climatological analysis. 06 p1027 A67-18606
- General circulation of the atmosphere /Allgemeine Zirkulation der Atmosphaere/. 11 p1815 A67-24328
- BAYER, P. D.**
The effects of chemical polishing on the strength of sapphire whiskers. 20 p3473 A67-36480
- BAYER, Z.**
Influence of fundamental parameters on idealized combined cycles with an MHD generator /Der Einfluss der Grundparameter bei idealisierten kombinierten Kreisläufen mit einem MHD-Generator/. 17 p2803 A67-32336
- BAYERDOERFER, G.**
Acoustical fatigue tests with aircraft structural components /Schallfestigkeitsversuche an Flugzeugbauteilen/. 03 p0521 A67-13021
- BAYES, K. D.**
A study of the chemiluminescence from oxygen atom-hydrazine flames. 06 p1072 A67-17987
- BAYLES, B. J.**
Eutectic composites by unidirectional solidification. 03 p0444 A67-13435
- The effect of elevated-temperature exposure on the microstructure and tensile strength of Al sub 3 Ni whisker-reinforced aluminum. 16 p2690 A67-31372
- BAYNHAM, A. C.**
Optical absorption due to free holes in germanium - A comparison of theory and experiment. 05 p0869 A67-17192
- The anomalous temperature dependence of infra-red absorption in p-type germanium. 06 p1060 A67-18913
- BAYNTON, P. L.**
A monolithic gallium arsenide tunnel diode construction. 10 p1617 A67-23542
- BAZAN, M.**
New methods for the predetermination and the development of thin-layer filters /Procédes nouveaux de predetermination et de réalisation des filtres en couches minces/. 24 p4187 A67-41873
- BAZARENKO, N. A.**
Asymptotic solution of the elasticity problem for a hollow, finite length, thin cylinder. 06 p1100 A67-18033
- Development of applied theories of improved accuracy for a circular cylindrical shell /Postroenie utochnennykh prikladnykh teorii dlia krugovoi tsilindricheskoj obolochki/. 15 p2576 A67-30179
- BAZAROV, I. P.**
Method of the modified self-consistent field in fluid and gas theory /Metod modifitsirovannogo samosoglasovannogo polia v teorii zhidkosti i gaza/. 07 p1168 A67-19186
- BAZER, J.**
The Riemann matrix of $1/2$ plus $1/n$ -dimensional symmetric-hyperbolic systems. 17 p2876 A67-32031
- BAZHANOVA, A. E.**
Toroidal traps for a plasma with a spatial magnetic axis /Toroidal'nye lovushki dlia plazmy s prostanstvennoi magnitnoy osiu/. 01 p0121 A67-10342
- Complex Doppler effect in plasma. 08 p1357 A67-20818
- Toroidal plasma traps with three-dimensional magnetic axes. 11 p1843 A67-25015
- BAZHENOVA, T. V.**
Thermodynamic and gas dynamic parameters of a low-temperature plasma /Termodinamicheskie i gazodinamicheskie parametry nizkotemperaturnoi plazmy/. 17 p2894 A67-32148
- Ionization structure of shock waves in air at M less than or equal to 12. 19 p3293 A67-35401
- BAZHIN, M. A.**
Calculation of heat regeneration in cycles using working bodies with variable thermal capacity /Raschet tepla regeneratsii v tsiklakh, ispol'zuyushchikh rabochie tela s peremennoi teploemkost'iu/. 07 p1266 A67-19181
- BAZHINOV, I. K.**
A method of autonomous navigation for spacecrafts orbiting near planets. 08 p1352 A67-21112
- Analysis of flight trajectories to the moon, Mars, and Venus. 08 p1394 A67-21115
- BAZHULIN, P. A.**
Cosmos 45 measurements of the angular and spectral distribution of the earth's infrared radiation. 14 p2306 A67-27861
- BAZILEVSKAIA, G. A.**
Some data on the 27-day variation in the intensity of cosmic rays in the stratosphere. 02 p0311 A67-12591
- Sporadic cyclic variations of cosmic-ray intensity and solar activity /Sporadicheskie tsiklicheskie variatsii intensivnosti kosmicheskikh luchei i solnechnaia aktivnost'/. 05 p0879 A67-16103
- Sporadic cyclic variations in cosmic-ray intensity /Sporadicheskie tsiklicheskie variatsii intensivnosti kosmicheskikh luchei/. 23 p4056 A67-41109
- Sporadic cyclic variations of cosmic ray intensity and the level of solar activity. 24 p4213 A67-42779
- BAZIN, B.**
Silicon avalanche diode behaviour for 10 mu sec surge current in the reverse direction. 13 p2084 A67-27576
- BAZIN, C.**
Use of the dispersion relationships for the simultaneous determination of the index and the thickness of a thin metallic film /Utilisation des relations de dispersion pour la détermination simultanée de l'indice et de l'épaisseur d'une couche mince métallique/. 02 p0289 A67-11726
- BAZIN, M.**
Interaction between the red spot of Jupiter and the three new formations of the South Temperate Band /WOS/ /Interaction de la tache rouge de Jupiter et des trois nouvelles formations de la bande temperee sud /WOS//. 15 p2558 A67-30026
- BAZIURA, R. I.**
Surface and volume diffusion in thin film of the system Ag-Se. 12 p1979 A67-25179
- BAZLEY, N. W.**
Upper and lower bounds for the frequencies of rectangular cantilever plates. 21 p3730 A67-39094
- BAZZHIN, A. P.**
Calculation of the flow past plane triangular wings at large angles of attack /K raschetu obtekania ploskikh treugol'nykh krylov pri bol'shikh uglakh ataki/. 03 p0350 A67-12874
- Application of the straight-line method in the calculation of flows past conical bodies at large angles of attack /Primenenie metoda priamykh k raschetu obtekanila konicheskikh tel pri bol'shikh uglakh ataki/. 18 p2984 A67-34211
- BEACH, F. J.**
A flexible and versatile display for command and control - The BR-90. 15 p2488 A67-29737
- BEACHELL, H. C.**
Combustion characteristics of crystalline oxidizers. 15 p2581 A67-29990
- BEAIRD, H.**
Flight testing the Lear Model 23/24. [AIAA PAPER 67-263] 07 p1130 A67-20086
- BEAL, R. C.**
Design and performance of the DODGE cameras. 20 p3452 A67-37572
- BEALE, E. M. L.**
Numerical methods. 17 p2818 A67-32426
- BEALL, D. S.**
Structure and decay of the Starfish radiation belt, October 1963 to December 1965. 17 p2936 A67-32534
- BEALL, G. H.**
Devitrification of tektite glass. 20 p3527 A67-37274
- BEAN, B. R.**
Some spectral characteristics of the radio refractivity in the surface layer of the atmosphere. 14 p2262 A67-28379
- BEAN, G. J.**
Cure for airport terminal "long walk" promised by new Tampa concept. [SAE PAPER 670319] 17 p2835 A67-32980
- BEARD, C. I.**
Scattering by random distribution of spheres vs. concentration. 09 p1461 A67-21597
- BEARD, C. S.**
Three-way valves. 08 p1286 A67-21535
- BEARD, S. E.**
Speech intelligibility for space vehicles, using nitrogen or helium as the inert gas. 08 p1287 A67-20484
- Comparison of helium and nitrogen in production of bends in simulated orbital flights. 13 p2082 A67-26916
- Treatment of decompression sickness in simulated space flight. 23 p3960 A67-41702
- BEARD, W. T.**
A practical design approach to semiautomatic test equipment. [SAE PAPER 660704] 01 p0049 A67-10597
- BEARDMORE, P.**
Velocity of propagation of cleavage cracks in tungsten. 03 p0445 A67-13471
- Velocity of propagation of cleavage cracks in tungsten. 16 p2688 A67-31302
- Dislocation densities in tungsten. 19 p3248 A67-36028
- BEARE, A. C.**
Critical re-evaluation of the human transfer function problem. II. 13 p2063 A67-26923
- BEARMAN, P. W.**
On vortex street wakes. 17 p2790 A67-32278
- The effect of base bleed on the flow behind a two-dimensional model with a blunt trailing edge. 21 p3566 A67-39078
- BEASLEY, C. O., JR.**
Cold-plasma effects in finite-length plasmas. 02 p0275 A67-12554
- Convective and absolute Harris instabilities. 11 p1827 A67-23883
- BEASLEY, D.**
Age hardening in beryllium. 13 p2136 A67-27104
- BEASLEY, W. E., JR.**
A contact ion microthruster system. [AIAA PAPER 67-80] 07 p1240 A67-19435
- BEATON, R. H.**
Direct diabatic hydraulic analogy. 04 p0604 A67-14838
- BEATTIE, A. R.**
The drifted Maxwellian distribution function in InSb. 14 p2376 A67-29088
- BEATTIE, D. A.**
Lunar ground data required for interpretation of AES orbital experiments. 08 p1392 A67-21078
- Apollo extension system /AES/ - Lunar surface missions. 08 p1316 A67-21083
- BEATTY, J.**
Pupil diameter and load on memory. 05 p0756 A67-16587
- BEATTY, M. E., III**
Annealing of high energy proton damage in silicon. 23 p4047 A67-41519
- BEATTY, M. F.**
A reciprocal theorem in the linearized theory of couple-stresses. 20 p3540 A67-37281
- BEATTY, R. W.**
Impedance measurements and standards

- for uniconductor waveguide. 17 p2815 A67-32606
- Basic theory of waveguide junctions and introductory microwave network analysis. 20 p3399 A67-36950
- BEAUCHAMP, D. L.**
- Numerical solution of compressible flow in ducts. 22 p3784 A67-39945
- BEAUCHER, J.**
- On-board and ground radio-engineering equipment for stratospheric balloons /Les équipements radioélectriques a bord et au sol pour les ballons stratosphériques/. 21 p3581 A67-38213
- BEAUDET, R. A.**
- The nuclear magnetic resonance and microwave spectra of some deuterio derivatives of 2,4-dicarbaclavoheptaborane-7/. [JPL-TR-32-1038] 01 p0019 A67-11146
- BEAUDOIN, P. E.**
- Observation of mesosphere winds and turbulence with smoke trails. 18 p3043 A67-34496
- BEAUGRAND, C.**
- Synchronized oscillators /Oscillateurs synchronisés/. 06 p0969 A67-18119
- BEAUREGARD, J. P.**
- Progress report on a small turbine for S.T.O.L. aircraft and high speed surface vehicles. [AIAA PAPER 67-744] 23 p4048 A67-40978
- BEAVER, W. W.**
- Influence of grain size-purity relationships on the ability to fabricate beryllium and the resulting mechanical properties. 13 p2139 A67-27127
- Micro-alloying beryllium for improved sintering characteristics and mechanical properties. 13 p2140 A67-27130
- BEAVERS, G. S.**
- Boundary conditions at a naturally permeable wall. 24 p4144 A67-42571
- BEAVIN, R. C.**
- Radioisotope techniques for the measurement of VTOL landing and takeoff parameters. 05 p0841 A67-16535
- BEAVITT, A. R.**
- A study of the energy distribution and nucleation of evaporated gold using a velocity selector. 23 p4009 A67-41015
- BEBB, H. B.**
- Theory of three-photon ionization of the alkali atoms. 07 p1195 A67-19496
- BECCONE, J. P.**
- Microwave negative conductance of bulk GaAs. 01 p0133 A67-10487
- BECHTEL, M. E.**
- Errors in R-meter measurement of the velocity spread of meteorological targets resulting from radar frequency instabilities. 04 p0648 A67-14673
- Errors in R-meter measurement of the velocity spread of meteorological targets resulting from radar frequency instabilities. 10 p1676 A67-22816
- BECHTEL, R. T.**
- Discharge chamber optimization of the SERT II thruster. [AIAA PAPER 67-668] 21 p3691 A67-38702
- BECK, E. J.**
- Structural analysis of bonded honeycomb welded joints. 22 p3813 A67-40181
- BECK, H.**
- Undulatory radiation in space and its simulation in space test chambers /Wellenstrahlung im Weltraum und ihre Simulation in Raumpruefkammern/. 03 p0395 A67-13495
- BECK, J. H.**
- Firing thick film integrated circuits. 16 p2641 A67-31619
- BECK, J. V.**
- Stability of a squeeze-film journal bearing. [ASME PAPER 66-LUB-15] 03 p0431 A67-13758
- Analytical determination of optimum, transient experiments for measurements of thermal properties. 04 p0734 A67-15851
- Load support of the squeeze-film journal bearing of finite length. [ASME PAPER 67-LUB-14] 24 p4163 A67-42675
- BECK, J. W.**
- Aerodynamic coefficients of wings and fuselages in rarefied gas flow. 04 p0547 A67-14992
- Gas-kinetic treatment of compressible Couette flow by means of bimodal two-stream distribution /Gaskinetische Behandlung der kompressiblen Couette-
- Stroemung mittels bimodaler Zweistromverteilung/. 10 p1624 A67-22914
- BECK, R. L.**
- Microelectronics using tantalum film technology. 02 p0218 A67-12107
- BECK, T. R.**
- Stress corrosion cracking of titanium alloys. 10 p1670 A67-23701
- Development of a barrier-layer anodic coating for reflective aluminum in space. 10 p1671 A67-23744
- BECKE, H. W.**
- Degradation phenomena of operating life in gallium arsenide electroluminescent diodes. 10 p1615 A67-23528
- Gallium arsenide insulated gate field effect transistors. 10 p1617 A67-23540
- Gallium arsenide FET's outperform conventional silicon MOS devices. 15 p2455 A67-30391
- BECKER, C. H.**
- UNICON - Coherent light data processing. 01 p0030 A67-11034
- BECKER, E.**
- One-dimensional steady-state compression fluxes in a relaxing gas /Eindimensionale, stationaere Verdichtungsstroemungen in elnem Gas mit Relaxation/. 03 p0405 A67-14258
- BECKER, H.**
- A bonded polariscope for three-dimensional photoviscoelastic studies. 03 p0531 A67-14364
- A failure law for filamentary composites. 04 p0641 A67-14832
- Application of the theory of differential equations to two new boundary-value problems for parabolic differential equations /Anwendung der Theorie der Differentialungleichungen auf zwei neue Randwertaufgaben fuer parabolische Differentialungleichungen/. 14 p2409 A67-28936
- Thermoelastic stress concentrations. 19 p3337 A67-34823
- BECKER, J. E.**
- Control of radar site environment by use of fences. 03 p0396 A67-13853
- Coupler-type bend for pillbox antennas. 21 p3597 A67-38565
- BECKER, J. W.**
- Design, operation and support of the Boeing supersonic transport. 05 p0752 A67-16753
- BECKER, K. H.**
- A study of the chemiluminescence from oxygen atom-hydrazine flames. 06 p1072 A67-17987
- BECKER, M.**
- Experimental flow field investigations near the sharp leading edge of a cooled flat plate in a hypervelocity, low-density flow. 14 p2241 A67-28165
- BECKER, R. A.**
- Optical material problems of interplanetary space. [JPL-TR-32-1098] 13 p2144 A67-27358
- Thermionic space power systems review. 17 p2802 A67-32050
- BECKER, R. S.**
- Extension of electron affinities and ionization potentials of aromatic hydrocarbons. 01 p0019 A67-10882
- BECKER, S.**
- Investigation of RFI due to nonlinearities in transistor amplifiers. 20 p3404 A67-37634
- BECKER, W.**
- The temperature of the F region deduced from electron number-density profiles. 13 p2108 A67-26322
- BECKER, W. M.**
- Oscillatory magnetostriction in n-gallium antimonide. 02 p0296 A67-11819
- Low temperature transport effects in n-type GaSb at high magnetic fields. 06 p1064 A67-18946
- Low-temperature transport effect in n-type GaSb at high magnetic fields. 15 p2534 A67-29327
- BECKERS, J. M.**
- Inhomogeneities in the Evershed flow. 13 p2204 A67-27429
- BECKLIN, E. E.**
- Observations of an infrared star in the Orion nebula. 09 p1567 A67-22239
- BECKMAN, E.**
- Relationship of scuba diving to the development of aviators' decompression sickness. 21 p3574 A67-38078
- BECKMAN, E. L.**
- Physiological implications as to survival during immersion in water at 75 deg
- F. 03 p0364 A67-14294
- An evaluation of the foamed neoprene "diver's wet suit" as a survival garment for helicopter aircrews. 17 p2807 A67-31959
- BECKMAN, J. E.**
- The measurement of abundances in planetary atmospheres using an image intensifier and a solar spectrograph. 20 p3521 A67-36309
- The pressure at the cloud top and the abundance of hydrogen in the atmosphere of Jupiter. 20 p3529 A67-37479
- BECKMAN, O.**
- Quantum limit galvanomagnetic phenomena in n-InSb. 13 p2184 A67-27690
- BECKMAN, P.**
- A new heat flux gage for use on recessive surfaces. 01 p0071 A67-11106
- A heat-flux gage for use on recessive surfaces. 24 p4155 A67-42289
- BECKMAN, W. A.**
- Optimization of contact grid spacing for high solar flux photovoltaic cells. [ASME PAPER 66-WA/SOL-1] 04 p0555 A67-15381
- Optimization of contact grid spacing for high solar flux photovoltaic cells. [ASME PAPER 66-WA/SOL-1] 18 p2989 A67-34129
- Evaluation of a distributed model of a photovoltaic cell. 23 p4046 A67-41487
- BECKMAN, W. A., JR.**
- Statistical problems involved in remote sensing of the geology of the lithosphere-atmosphere interface. 05 p0803 A67-17387
- BECKMANN, P.**
- Probability in Communication Engineering. 20 p3378 A67-36137
- Estimation of the number of unresolvable targets producing a single radar return. 23 p3974 A67-41198
- BECKNER, E. H.**
- Production and diagnostic measurements of kilovolt high-density deuterium, helium, and neon plasmas. 06 p1041 A67-18147
- Behavior of the p-n depletion layer following injection of intense density of carriers. 23 p4044 A67-41453
- BECKSTEAD, M. W.**
- On the surface temperature of deflagrating ammonium perchlorate crystals. [AIAA PAPER 67-68] 06 p1073 A67-18469
- Low frequency instability - A comparison of theory and experiment. [CI PAPER 67-13] 19 p3311 A67-35007
- Surface temperature of deflagrating ammonium perchlorate crystals. [AIAA PAPER 67-68] 21 p3688 A67-38859
- Nonacoustic combustor instability. 23 p4084 A67-41721
- BEDARD, F. D.**
- Low-bias non-Esaki current in tunnelling p-n junction diodes with large excess currents. 11 p1768 A67-24926
- BEDARD, G.**
- Dead-time corrections to the statistical distribution of photoelectrons. 06 p1009 A67-17652
- Photon counting statistics of laser light. 15 p2498 A67-29513
- BEDCHER, F. S.**
- Effects of production process inaccuracies on the frequencies of turboengine vane oscillations /Vlilanie otklonenii v izgotovlenii na chastoty kolebanii lopatok turbomashin/. 07 p1261 A67-19134
- An approximate method for determining oscillation frequencies of plates with variable thickness /Ob odnom priblizhenom sposobe opredelenia chastot kolebanii plastin peremennoi tolshchiny/. 12 p2021 A67-25574
- Investigation of the vibrations of compressor blades /Issledovanie vibratsii kompressornykh lopatok/. 19 p3235 A67-34882
- BEDDER, B. G.**
- An evaluation method for deposited thin film interfacial interconnections. 14 p2369 A67-28613
- BEDEL, J.**
- The aerospace transport. II /Le transporteur aerospacial. II/. 06 p1094 A67-17993
- BEDELL, J. R.**
- Protecting refractory metal at high temperature. 23 p4018 A67-40900
- BEDENASHVILI, B. G.**
- Electroluminescence spectra of gallium phosphide diodes /O spektrakh elektroluminesentsii diodov na osnove fosfida galliia/. 12 p1914 A67-25438

- BEDESEM, M. P.**
Superconducting magnet beta-ray spectrometer. 20 p3444 A67-36523
- BEDEVKIN, V. F.**
Observations of the solar supercorona in 1964 and 1965 and the nature of scattering inhomogeneities in the corona /Nabludeniya sverkhkorony solntsa v 1964-1965 gg. i kharakter rassvelvushchikh neodnorodnostei v sverkhkorone/. 20 p3529 A67-37515
- BEDILOV, M. R.**
Investigation of the radiation of a direct self-compressed discharge /pinch/ in the visible and ultraviolet regions. I /Issledovanie izlucheniya priamogo samosvzhatogo razlada /pincha/ v vidimoi i ul'trafioletovoi oblastiakh. I/. 17 p2904 A67-32918
- BEDIN, A. P.**
Adjustment of the optical equipment of a ballistic apparatus /Iustirovka opticheskogo oborudovaniya ballisticheskoi ustanovki/. 16 p2874 A67-31117
- BEDINGER, J. F.**
Measured wind shears and electron densities. 10 p1644 A67-23256
Observations of upper atmospheric winds, electron density, electron temperature, and neutral temperature in the auroral region. 19 p3214 A67-35169
- BEDLOW, R. G.**
Characteristics of wake pressure type velocity head magnifying probes. 15 p2471 A67-29529
- BEDNAROVA-NOVAKOVA, B.**
The solar causes of the occurrence of selected geomagnetic storms and geomagnetic quiet. 01 p0060 A67-10789
The solar causes of geomagnetic storms with a gradual commencement. 07 p1175 A67-19720
Contribution to the study of the relationships between solar and geomagnetic activities /Contribution a l'etude des relations entre les activites solaires et geomagnetique/. 12 p1931 A67-25110
- BEDROV, I. A.**
A method for sequential synthesis of optimal control. 20 p3410 A67-37230
- BEDUHN, W. G.**
An automatic fluoric gain changer circuit for flight control systems. 14 p2251 A67-28352
- BEEHLER, R.**
An intercomparison of hydrogen and cesium frequency standards. 09 p1494 A67-21616
- BEEHLER, R. E.**
A historical review of atomic frequency standards. 17 p2860 A67-32601
- BEELEY, P. R.**
Refractory-melt reactions in vacuum induction melting of nickel-base alloys. 19 p3242 A67-34786
- BEENAKKER, J. J. M.**
Thermodynamic properties of fluid mixtures. 22 p3921 A67-40553
- BEER, A. C.**
The Hall effect. 04 p0657 A67-15081
- BEER, F. J.**
Properties of materials. II. 08 p1342 A67-20904
- BEER, M.**
Some effects of mean-velocity and mean-static-pressure distribution on stability and space requirements of turbulent diffusion flames /Einige Auswirkungen der Verteilung der mittleren Geschwindigkeit und des mittleren statischen Drucks auf die Stabilitat und den Raumbedarf von turbulenten Diffusionsflammen/. 08 p1425 A67-20304
- BEER, R.**
Fourier spectrometry from balloons. [JPL-TR-32-1071] 07 p1184 A67-19391
An investigation of a fundamental intensity error in Fourier spectroscopy. 20 p3437 A67-36337
A balloon-borne Michelson interferometer for solar spectroscopy in the 10-100 micron region. 20 p3438 A67-36344
- BEERBOWER, A.**
History of gelled fuels - Their chemistry and rheology. 10 p1696 A67-22911
Thickened fuels for aircraft safety. [SAE PAPER 670364] 17 p2927 A67-33001
Non-Newtonian fuels for aircraft safety. [AIAA PAPER 67-503] 18 p3110 A67-33967
- BEERMAN, H. P.**
Pyroelectric infrared radiation detector. [ACS PAPER 27E-66F] 20 p3459 A67-36844
- BEERWALD, H.**
Ionization rate at higher electron densities in DC fields measured in an electrodeless discharge. 19 p3272 A67-35078
- BEESELY, L. R.**
Some aspects of military aircraft procurement. 02 p0343 A67-12242
- BEESTON, J. W.**
Solution of the time-optimal control problem for systems of similar structure. 20 p3409 A67-37222
- BEETON, A. B. P.**
Materials requirements for aircraft turbojet and ramjet engines. 13 p2187 A67-26694
- BEEVERS, C. J.**
On the interpretation of fracture surface observations. 06 p1105 A67-18562
- BEGANY, A. R.**
Determination of thermal performance of char under heating conditions simulating atmospheric entry. [AIAA PAPER 65-640] 03 p0534 A67-13060
- BEGEMANN, F.**
Neutron produced phosphorus-32 in the Barwell and St. Severin meteorites. 06 p1078 A67-17604
- BEGER, R. N.**
Single-stage bonding of tapered aluminum honeycomb panels containing nonperforated core. 09 p1507 A67-22507
- BEGG, R. D.**
A note on the reattachment of two-dimensional compressible jets to planes. 22 p3786 A67-40068
Method of force defect coefficients applied to an asymmetric two-dimensional orifice. 23 p3936 A67-41330
- BEGGS, H. G.**
Commercial aspects of the exploitation of natural resources by satellite. 19 p3349 A67-35642
- BEGHIN, C.**
Periodic drift mechanism violating the longitudinal invariant for trapped particles in the magnetosphere /Un mecanisme de derive periodique violant l'invariant longitudinal pour des particules piegees dans la magnetosphere/. 06 p0997 A67-18700
Rocket observations of natural VLF noise during an aurora /Observations a bord d'une fusée de bruits TBF naturels au cours d'une aurore/. 20 p3428 A67-36374
- BEGIASHVILI, G. A.**
Buildup of electromagnetic oscillations in antiferromagnetic semiconductors in strong electric fields /O raskachke elektromagnitnykh kolebanii v antiferromagnitnykh poluprovodnikakh v sil'nom elektricheskom pole/. 04 p0678 A67-15133
Dispersion of surface plasma waves in metals. 05 p0864 A67-16761
Buildup of electromagnetic oscillations in antiferromagnetic semiconductors in a strong electric field. 12 p1978 A67-25157
- BEGLEY, R. T.**
Some general aspects of interfaces in composites. 03 p0454 A67-13426
- BEGLOV, B. I.**
Capture cross section of a photon by zinc and mercury atoms in germanium /Secheniya zakhvata fotona atomami tsinka i rtuti v germanii/. 05 p0868 A67-17066
Cross sections for the capture of a photon by zinc and mercury atoms in germanium. 15 p2538 A67-29797
Splitting of the ground state of double acceptors in semiconductors /O rasshcheplenii osnovnogo sostolaniya dvoynnykh akseptorov v poluprovodnikakh/. 18 p3099 A67-33699
- BEGOVICH, N. A.**
Frequency scanning. 07 p1152 A67-19546
- BEGUNOVA, L. N.**
Calculation of one-dimensional singular integrals in problems of hydrodynamics /Raschet odnornnykh singularnykh integralov v zadachakh gidrodinamiki/. 18 p3024 A67-33543
- BEHAN, R. A.**
Landing task and pilot acceptance of displays. [AIAA PAPER 65-722] 09 p1457 A67-22493
- BEHANNON, K. W.**
Observations of the earth's magnetic tail and neutral sheet at 510,000 kilometers by Explorer 33. 08 p1402 A67-21468
- BEHESHTI, M.**
Absorption and scattering of radiation by solid carbon particles. [AIAA PAPER 66-134] 10 p1682 A67-23146
- BEHLKE, H.**
Simple method for determining the mean free path of primary electrons in a plasma /Ueber einfache Methode zur Bestimmung der mittleren freien Weglaenge von Primaerelektronen im Plasma/. 07 p1229 A67-19515
Excitation of a UHF oscillation spectrum by fast primary electrons in front of the cathode of a low-pressure Hg discharge /Anregung eines UHF-Schwingungsspektrums durch schnelle Primaerelektronen vor der Kathode einer Hg-Niederdruckentladung/. 08 p1358 A67-20869
- BEHM, H. J.**
Results of the Ranger, Luna 9, and Surveyor 1 missions. 22 p3879 A67-39309
- BEHR, R. D.**
Roll fatigue tests of forged ZK60A-T5 magnesium and 2014-T6 aluminum wheels. 10 p1661 A67-23439
- BEHRENS, E.**
Elastic constants of filamentary composites with rectangular symmetry. 21 p3729 A67-39055
Sound propagation in lamellar composite materials and averaged elastic constants. 21 p3729 A67-39056
- BEHRENS, R. P.**
Liquid springs. 15 p2494 A67-30097
- BEHRENS, W.**
Flow field and stability of the far wake behind cylinders at hypersonic speeds. [AIAA PAPER 67-32] 06 p0939 A67-18348
- BEHRNDT, K. H.**
Longitudinal thermomolecular flow at intermediate pressures - A comparison. 04 p0603 A67-14733
- BEIGEL, G. L.**
Maintainability as a design factor in packaging modules containing integrated circuits. 12 p1910 A67-25266
- BEIGHTLER, C. S.**
Foundations of optimization. 22 p3775 A67-39270
- BEIGLBOECK, W.**
The motion of extensive objects in the Einstein theory of gravitation /Zur Bewegung ausgedehnter Objekte in der Einsteinschen Gravitationstheorie/. 23 p4027 A67-41148
- BEILIN, V. A.**
Determination of the Reynolds number in heat transfer relations. 04 p0722 A67-14718
- BEILMAN, J. L.**
An interim report on the development of a low range airspeed system for the X-22A. 01 p0073 A67-11121
- BEISCHER, D. E.**
Cardiac excitability in high magnetic fields. 05 p0755 A67-16282
- BEISER, L.**
Laser beam and electron beam extremely wideband information storage and retrieval. 01 p0077 A67-11437
- BEITCH, L.**
Shell structures solved numerically by using a network of partial panels. 08 p1417 A67-20556
Vibration response of general continuous structures. [ASME PAPER 67-VIBR-44] 11 p1873 A67-24196
- BEKBAEV, S.**
Investigation of some critical cases of the stability of almost periodic motions /K issledovaniyu nekotorykh kriticheskikh sluchaeov ustoiichivosti pochtli-periodicheskikh dvizhenii/. 18 p3080 A67-34602
- BEKE, B.**
Theoretical study of the grinding process. 19 p3236 A67-35725
- BEKEFI, G.**
Laser interferometer for repetitively pulsed plasmas. 02 p0241 A67-11875
Radiation processes in plasmas. 05 p0855 A67-17152
RF admittance measurements of a slotted-sphere antenna immersed in a plasma. 14 p2283 A67-28377
Measurements of standing electrostatic waves in an inhomogeneous plasma column near electron cyclotron harmonics. 19 p3288 A67-35374
Microwave emission from n-type indium antimonide at 4.2 and 77 deg K. 22 p3864 A67-40345
- BEKETOVA, A. K.**
Quantitative methods of studying inhomogeneities in transparent media with

- the aid of IAB-451 shadow device /Kollchestvennyye metody issledovaniya neodnorodnostei v prozrachnykh sredakh pri pomoshchi tenevogo pribora IAB-451/. 19 p3228 A67-34985
- BEKEY, G. A.**
Parameter optimization by random search using hybrid computer techniques. 19 p3188 A67-36058
- BEKMUHAMBEV, E. S.**
Cesium thermionic converter with added inert gases. 09 p1444 A67-22008
Operation of a thermionic-emission converter in a mixture of cesium and neon. 16 p2610 A67-31783
- BEKURSUNOV, U.**
Theory of transverse impact /K teoriya poperechnogo udara/. 19 p3341 A67-35704
- BEL, L.**
Interpretation problems of steady rigid or conformably rigid ds super 2 /Problemes d'interpretation des ds super 2 stationnaires, rigides ou conformement rigides/. 20 p3487 A67-37684
- BEL, N.**
The emissivity and the absorption coefficient of a homogeneous non-equilibrium plasma. 22 p3854 A67-40527
- BELAI, V. E.**
Problem of pharmacology in space medicine /Problema farmakologii v kosmicheskoi meditsine/. 02 p0185 A67-12320
Pharmacological aspects of space medicine /Problema farmakologii v kosmicheskoi meditsine/. 20 p3367 A67-36254
On the reactivity of animals to caffeine and strychnine during transverse acceleration aftereffects /O reaktivnosti zhivotnykh k kofeinu i strikhninu v period posledelstviiya poperechnopravennykh peregruzok/. 24 p4111 A67-41850
- BELAN, N. I.**
Investigation of titanium alloys under compressor operating conditions /Issledovanie splavov titana primenitel'no k usloviyam raboty kompressorov/. 01 p0093 A67-10546
- BELAN, N. V.**
Determination of the stable-operation boundary of axial-flow compressor stages by an analytical method /Opredelenie granitsy ustoychivoy raboty stupenel' osevo kompressora raschetnym metodom/. 21 p3689 A67-38046
Experimental investigation of the conditions leading to the onset of rotating separation zones /Opytnoye issledovanie usloviy zarozhdeniya zon vrashchalushchegosia sryva/. 21 p3566 A67-38911
- BELANGER, B. C.**
Diamagnetic and paramagnetic surface currents induced by temperature changes in type-II superconductors in static magnetic fields. 14 p2365 A67-28296
Interaction of conduction and induced currents in Nb sub 3 Zr wires subjected to axial fields. 15 p2539 A67-29826
- BELASHCHENKO, D. K.**
Transfer phenomena in systems with an intermediate type of bond /Iavishcha perenosu v sistemakh z promizhnyim tipom zv'язku/. 09 p1553 A67-21905
Transfer phenomena in liquid semiconductors of the TI-S system /Iavishcha perenosu v ridskikh napivoprovidnikakh sistem TI-S/. 09 p1553 A67-21906
- BELAVIN, O. V.**
Comparison of methods of detecting a sinusoidal signal in the presence of noise /Sravnenie metodov obnaruzheniya sinusoidal'nogo signala v prisutstvii shumov/. 07 p1139 A67-19224
- BELCHANSKII, G. I.**
Estimation of a nonlinear function in observations of a signal containing noise /K otsenke neilinei funktsii pri nabludenii signala, soderzhashchego pomekhu/. 16 p2643 A67-30921
- BELETES, E.**
Thermal power and electrical conductivity of crystals of the SnTe-InTe system /Termokraft und elektrische Leitfähigkeit von Kristallen des systems SnTe-InTe/. 04 p0683 A67-15581
- BELENKII, I. M.**
Generalization of Whittaker's formula for periodic orbits in the case of fields with arbitrary law of attraction. 06 p1082 A67-18039
On sufficient conditions for the absence of periodic trajectories in conservative systems. 11 p1819 A67-24686
Application of the associated-field method to nonlinear systems /Prilozhenie metoda prisoedinennykh polei k nelineinym sistemam/. 14 p2349 A67-28744
On the problem of n-stationary centers. 18 p3127 A67-34271
- BELENKII, I. A. E.**
Multiphase relaxation oscillators /Mnogofaznye relaksatory/. 22 p3768 A67-39464
- BELENKII, S. Z.**
Theory of turbulent intermixing. 13 p2105 A67-27411
- BELENKOV, V. D.**
Construction of an equivalent circuit of a piezoelectric quartz pressure transducer and determination of the main parameters of a measuring circuit for solving gas-dynamic problems /Postroenie ekvivalentnoi skhemy p'ezoelektricheskogo datchika davleniya i opredelenie osnovnykh parametrov izmeritel'noi skhemy dlia resheniya gazodinamicheskikh zadach/. 05 p0808 A67-17111
- BELENOK, A. P.**
Silicon microdiode matrices /Kremnievye mikrodiodnye matritsy/. 22 p3769 A67-39580
- BELENOV, E. M.**
Angular divergence of gas-laser radiation and interaction of angular modes. 20 p3459 A67-36689
- BELENSKY, C. R.**
Safety monitoring instrumentation for the lunar module internal environment simulator. 23 p3969 A67-41640
- BELETSKII, V. V.**
Calculation of emergency fuel reserves /O raschete garantnykh ostatkov topliva/. 17 p2954 A67-32241
- BELETSKIY, V. V.**
A statistical method for determining the orientation and rotation of artificial satellites from measurement data. 22 p3878 A67-39168
- BELGEN, M. H.**
Structural stress measurements with an infrared radiometer. 11 p1877 A67-24827
- BELIAEV, A. D.**
Investigation of the defects in hardened germanium free of dislocations /Doslizhdeniya defektiv gartuvannia v bezdislokatsionomu germanii/. 14 p2372 A67-28761
- BELIAEV, A. F.**
Temperature coefficient of combustion rate for condensed mixtures with various component proportions /Temperaturny koeffitsient skorosti goreniia kondensirovannykh smesel pri razlichnom sootnoshenii komponentov/. 07 p1267 A67-19311
Combustion theory of powders and solid rocket propellants /Teoriia goreniia porokhov i tverdykh raketnykh topliv/. 12 p1988 A67-26110
- BELIAEV, A. I.**
Preparation of titanium silicides by simultaneous reduction with hydrogen of titanium and silicon tetrachlorides /K voprosu o poluchenii silitsidov titana sovmestnym vosstanovleniem tetrakhloridov titana i kremnili vodorodom/. 01 p0093 A67-10292
- BELIAEV, B. V.**
Control of the electrical supply of autonomous systems /Kontrol' za elektropitaniem avtonomnykh ustroistv/. 03 p0363 A67-13597
Inspection of the state of power supplies of self-contained devices. 14 p2247 A67-27843
- BELIAEV, I. U. K.**
On the number of intersections of a level by a Gaussian stochastic process. 11 p1812 A67-24099
- BELIAEV, I. U. N.**
Interaction potentials of H and He atoms and H sub 2 molecules /Potentsialy vzaimodeistviia atomov H, He, i molekuly H sub 2/. 13 p2159 A67-26384
Interaction potentials of H and He atoms and H sub 2 molecules. 21 p3680 A67-38822
- BELIAEV, N. A.**
Evolution of the orbits of comets Neulmin 2 /1916 II/, Comas Sola /1927 III/, Schwassmann-Wachmann 2 /1929 I/ over a period of 400 years /1660 to 2060/ /Evolutsiia orbit komet Neulmina 2 /1916 II/, Komasa Solla /1927 III/ i Shvassmana-Vakhmana 2 /1929 I/ za 400 let /1660-2060 gg/. 15 p2553 A67-29155
The evolution of the orbit of comet Daniel /1909 IV/ over 400 years /1660-2060/ - Preliminary investigation /Evolutsiia orbity komety Daniella 1909 Iv za 400 let /1660-2060 gg/. - Predvaritel'noye issledovanie/. 20 p3522 A67-36619
Orbital evolution of comets Neulmin 2 /1916II/, Comas Sola /1927III/, and Schwassmann-Wachmann 2 /1929 I/ over the 400 years from 1660 to 2060. 24 p4240 A67-43078
- BELIAEV, N. M.**
Calculation of the nonstationary temperature field of a multilayer plate having type three boundary conditions /Raschet nestatsionarnogo temperaturnogo polia v mnogosloinnoi plastine pri granichnykh usloviakh tret'ego roda/. 07 p1267 A67-19327
- BELIAEV, P. I.**
Flight of Voskhod 2 /Polet kosmicheskogo korablia "Voskhod-2"/. 16 p2618 A67-30758
- BELIAEV, S. E.**
Mechanical properties of niobium and its alloys at low temperatures /Mekhanicheskie svoistva niobila i ego splavov pri nizkikh temperaturakh/. 05 p0832 A67-17506
Mechanical properties of niobium and niobium alloys at low temperatures. 21 p3644 A67-38034
- BELIAEV, V. A.**
Ionization luminescence of air and the possibilities of using it to record extensive air showers /Ionizatsionnoye svechenie vozdukh i vozmozhnosti ego ispol'zovaniia dlia registratsii shirokikh atmosferykh livnel/. 02 p0318 A67-12781
Ionization glow of air and the possibility of utilizing this effect for recording extensive air showers. 22 p3878 A67-40283
- BELIAEV, V. I.**
Evolution of the condensation spectrum of cloud droplets /Ob evolutsii kondensatsionnogo spektra kapel' v oblakakh/. 13 p2151 A67-26690
The evolution of the droplet condensation spectrum in clouds. 21 p3654 A67-38432
- BELIAEVA, G. F.**
Study of the Ni sub 3 Al-Ni sub 3 Ti system /Izuchenie sistemy Ni sub 3 Al-Ni sub 3 Ti/. 13 p2142 A67-27286
- BELIAEVA, I. F.**
Ultrahigh energy primary cosmic radiation according to extensive air shower data. 02 p0311 A67-12589
Phenomenological characteristics of extensive air showers with a fixed number of muons and electrons /Fenomenologicheskie kharakteristiki shirokikh atmosferykh livnel s fiksirovannym chislom mu-mezonov i elektronov/. 02 p0318 A67-12777
Superhigh-energy primary cosmic radiation and extensive air showers /Pervichnoye kosmicheskoe izluchenie sverkhvysokoi energii i shirokie atmosferye livni/. 02 p0318 A67-12778
Phenomenological characteristics of extensive air showers with a fixed number of muons and electrons. 22 p3877 A67-40279
Superhigh energy primary radiation and extensive air showers. 22 p3877 A67-40280
- BELIAEVA, L. A.**
Combined effects of space-flight factors on certain functions of the body /Kombinirovannyye vozelstvliia faktorov kosmicheskogo poleta na nekotorye funktsii organizma/. 01 p0015 A67-10336
- BELIAEVA, N. N.**
Mixing of the emissions from ruby and neodymium lasers /Smeshenie izlucheni rubinovogo i neodimovogo lazerov/. 22 p3815 A67-39765
- BELIAEVSKII, A. I.**
The possible antimatter nature of micrometeorites. 07 p1247 A67-19098
An experiment to test the hypothesis of the antimatter nature of meteor streams - Information processing. 23 p4070 A67-41690
- BELIAEVSKII, A. N.**
An experiment to test the hypothesis of the antimatter nature of meteoric swarms. 23 p4069 A67-41689
- BELIAKOV, L. V.**
Thermal phenomena arising in impact of a projectile on a metal surface. 13 p2220 A67-27383
- BELIAKOV, V. A.**
Application of a new method of analysis of reactions in velocity-space images to the

- pl super minus N and pN interactions at 17 and 24 GeV/c /Primenenie novogo metoda metoda analiza reaktsii v obrazakh prostranstva skorostei k pl super minus N-1 pN-vzaimodelstviiam pri 17 i 24 GeV/c/. 24 p4193 A67-42858
- BELIANIN, N. M.**
Model of an electric arc in longitudinal gas flow /Model' elektricheskoi dugi s prodol'nym obduvom 09 p1546 A67-22314
- BELIANIN, V. A.**
Treatment of steel with laser rays. 06 p1008 A67-18234
- BELIANIN, V. N.**
Gas exchange between man and a microalgae culture during a 30-day experiment /Gazobmen mezhdu chelovekom i kul'turoi mikrovdoroslei v 30-sutochnom eksperimente/. 24 p4114 A67-41845
- BELIANKIN, F. P.**
A revised theory of elastic shape modification for an anisotropic fiber-glass-reinforced plastic /Korigovana teoriia pruzhnol formozmini dlia anizotropnogo skloplastika/. 21 p3649 A67-37907
- BELIATSKAS, R. P.**
Temperature hysteresis of the phase transition in SbSI /Temperaturnyi gisteresis fazovogo perekhoda v SbSI/. 15 p2537 A67-29707
- BELICH, R. B.**
Thermal hysteresis of the phase transformation in SbSI. 24 p4199 A67-41777
- BELICH, R. B.**
Orographic effect of the oceans and continents on the stratospheric pressure field in the Northern Hemisphere /K voprosu ob orograficheskoi vliianii materikov i okeanov na pole davleniia v stratosfere severnogo polushariia/. 13 p2112 A67-26672
- BELIK, N. P.**
Calculation of the nonstationary temperature field of a multilayer plate having type three boundary conditions /Raschet nestatsionarnogo temperaturnogo polia v mnogosloinnoi plastine pri granichnykh usloviakh tret'ego roda/. 07 p1267 A67-19327
- Steady heat transfer through a rib-reinforced radiating wall in the case of a variable heat transfer coefficient of the material /Statsionarnala teploperedacha cherez orebrennuiu stenku s izlucheniem pri peremennom koefitsiente teploprovodnosti materiala/. 14 p2407 A67-28646
- BELIKOV, A. G.**
Valve for pulsed gas admission into the working volume of a plasma accelerator /Klapan dlia impul'snogo napusku gazu v robocnii ob'em priskoriuvacha plazmi/. 01 p0119 A67-10136
- Magnetic measurements in a coaxial source /Magnitnye izmereniia v koaksial'nom istochnike/. 04 p0687 A67-15212
- Some aspects of plasma acceleration in a coaxial source /Nekotorye voprosy uskorenii plazmy v koaksial'nom istochnike/. 15 p2525 A67-29251
- Magnetic measurements in a coaxial plasma gun. 15 p2532 A67-30260
- BELIKOVA, T. P.**
Frequency doubling of light in ruby. 08 p1336 A67-20316
- BELIKOVICH, V. V.**
Frequency dependence of the enhanced absorption of cosmic radio emission during abrupt ionospheric disturbances /Chastotnaia zavisimost' dopolnitel'nogo pogloshcheniia kosmicheskogo radioizlucheniia vo vremia vnezapnykh ionosfernykh vozmushchenii/. 02 p0307 A67-11878
- Frequency dependence of additional cosmic noise absorption during sudden ionospheric disturbances. 16 p2738 A67-31091
- BELILOVICH, V. V.**
Possible interpretation of the frequency dependence of anomalous cosmic noise absorption. 12 p1933 A67-25548
- BELINA-FREUNDLICH, D.**
Investigation of the kinetics of mass transfer through a plane surface in liquid-liquid systems /Badanie kinetyki wymiany masy przez powierzchnie plaska w ukladach ciecz-ciecz/. 19 p3345 A67-35566
- BELINSKI, C.**
Effect of reticulation on the pyrolytic decomposition of nonsaturated polyester styrene copolymers /Influence de la reticulation sur la decomposition pyrolytique de copolymeres polyester
- insatrestyrene/. 05 p0759 A67-16768
- BELITSKII, G. R.**
Continuation of norms given at a subring of a matrix ring /O prodolzhenii norm, zadannykh na podkol'tse matrichnogo kol'tsa/. 04 p0646 A67-15257
- BELITSKII, M. E.**
Study of the antifriction properties of some compositions of compacting Cermet materials. II /Issledovanie antifrictionsionnykh svoistv nekotorykh kompozitsii metallokeramicheskikh uplotnitel'nykh materialov. II/. 01 p0081 A67-11246
- Investigation of the chemical stability of solid lubricants at high temperatures. I. 10 p1659 A67-22829
- Antifriction properties of some composite sintered packing materials. 17 p2866 A67-33169
- II. A study of the dry friction characteristics of some cermets at high sliding speeds. 19 p3247 A67-35850
- BELKIN, M. K.**
Theory of the parametric amplifier. 10 p1807 A67-23446
- BELKOWSKI, C.**
The TANDEL and its applications in the construction of measurement transducers /TANDEL i jego zastosowanie do budowy przetwornikow pomiarowych/. 17 p2828 A67-32829
- BELL, C. F.**
Some elements of planned replacement theory. 01 p0083 A67-11339
- BELL, D.**
Stability analysis of an adaptive aircraft-control system. 09 p1440 A67-22387
- Stability analysis of an adaptive aircraft-control system. II. 11 p1772 A67-25081
- Stability analysis of an adaptive aircraft-control system. 13 p2088 A67-27241
- BELL, D. A.**
Some physical aspects of the ionosphere. 03 p0405 A67-12801
- BELL, D. T., JR.**
Ultrasonic devices for coherent optical systems. 15 p2500 A67-29912
- BELL, E. E.**
The use of asymmetric interferograms in transmittance measurements. 20 p3437 A67-36335
- BELL, J.**
Propagation measurements at 3.6 and 11 Gc/s over a line-of-sight radio path. 13 p2071 A67-27401
- BELL, J. C.**
The determination of stresses in rolling-contact elements. [ASME PAPER 66-LUB-16] 03 p0431 A67-13757
- Aspects of lubrication affecting life of rolling bearings. 08 p1333 A67-20361
- BELL, J. F.**
On the direct measurement of very large strain at high strain rates. 05 p0920 A67-16824
- BELL, J. H., JR.**
A study of new methods of space cryogenic storage involving recovery of vent gases. 22 p3906 A67-40164
- BELL, K. L.**
Excited atoms in decaying optically thick plasmas. 16 p2715 A67-31168
- The absorption of X-rays by interstellar gas. 17 p2937 A67-32752
- BELL, M. B.**
A high-resolution 2800 MHz multi-element interferometer. 17 p2864 A67-33402
- BELL, M. W. J.**
An evolutionary program for manned interplanetary exploration. 13 p2199 A67-26827
- Space operations and economics. 15 p2568 A67-29846
- BELL, R. F.**
Design factors for forgings. 14 p2323 A67-27815
- BELL, R. L.**
Etch-pit studies of dislocations in indium antimonide. 03 p0498 A67-13870
- Landau levels and magneto-absorption in InSb. 05 p0870 A67-17193
- BELL, V. L.**
Imidazopyrrolone/imide copolymers. 22 p3824 A67-39851
- BELLAM, P. F.**
Automatic performance monitoring. [SAE PAPER 670360] 17 p2835 A67-32999
- BELLANTONI, J. F.**
A square root formulation of the Kalman-Schmidt filter. 06 p1023 A67-18277
- [AIAA PAPER 67-90] Computer simulation of landmark visibility from orbit. 09 p1467 A67-21832
- A square root formulation of the Kalman-Schmidt filter. 15 p2563 A67-30202
- Unidentified landmark navigation. 17 p2882 A67-33018
- BELLAR, F. J., JR.**
Pointwise bounds for the second initial-boundary value problem of parabolic type. 05 p0836 A67-17046
- BELLATO, L.**
Calculation of intermodulation noise for the case where the distortion is variable with frequency /Calcolo del rumore d'intermodulazione per distorsione variabile con la frequenza/. 13 p2070 A67-27195
- BELLCHAMBERS, W. H.**
Ionospheric no-echo occurrences. 20 p3432 A67-37275
- BELLE, M. L.**
Optical reflection of gallium phosphide, gallium arsenide and their solid solutions /Opticheskoe otrazhenie fosfida gallia, arsenida gallia i ikh tverdykh rastvorov/. 01 p0086 A67-10067
- Effect of temperature and doping level on the conduction-band edge in some A super III B super V /n-type/ semiconductors. 04 p0681 A67-15292
- Optical reflection of gallium phosphide, gallium arsenide, and their solid solutions. 08 p1339 A67-21450
- BELLENGER, M.**
Experimental verification of the precision of an interferometer for satellite tracking /Verifications experimentales de la precision d'un interferometre pour la trajectographie des satellites/. 16 p2621 A67-30681
- BELLEOD, L.**
Investigation of the effects of anthocyanin glucosides on the night vision of airport approach controllers /Etude des effets des glucosides d'anthocyane sur la vision nocturne des controleurs d'approche d'aerodrome/. 04 p0561 A67-14633
- BELLES, F. E.**
Recombination of carbon monoxide and atomic oxygen at high temperatures. 18 p2997 A67-33790
- BELLEW, W.**
Magnetic storm enhancement of the 5577 angstrom units /OI/ airglow emission intensity. [AFRL-66-866] 03 p0505 A67-12836
- BELLHOUSE, B. J.**
The determination of fluctuating velocity in air with heated thin film gauges. 20 p3447 A67-36846
- BELLIO, C.**
Air freight transport - One of the great milestones in the economic evolution of civil aviation /Il trasporto aereo delle merci tra i grandi temi dell'evoluzione economica dell'aviazione civile/. 08 p1429 A67-20785
- BELLMAN, R.**
A computational approach to Chandrasekhar's planetary problem. 03 p0482 A67-13903
- Invariant imbedding and radiative transfer in spherical shells. 10 p1680 A67-23634
- Numerical results for the estimation of source distributions from external radiation-field measurements. 23 p4082 A67-40993
- New methods for the solution of partial differential equations. 24 p4180 A67-43084
- BELLMAN, R. E.**
Numerical inversion of the Laplace transform. 06 p1023 A67-17942
- Invariant imbedding and the numerical integration of boundary-value problems for unstable linear systems of ordinary differential equations. 07 p1218 A67-20214
- BELLOMO, E.**
A numerical program for dealing with finite-amplitude disturbances in plane parallel laminar flows. 19 p3208 A67-35051
- BELLOMONTE, L.**
Vibrations of interstitial Li super plus ions in silicon. I, II. 04 p0683 A67-15609
- BELLOW, D. G.**
Bending behavior of a rectangular plate with a biltrapezoidal cross section. 21 p3722 A67-38436
- BELLOWS, G.**
ECM machinability data and ratings. [ASTME PAPER WES-7-10] 11 p1798 A67-24255
- New nonconventional machining process. [ASTME PAPER MR67-141] 18 p3054 A67-34175

- BELMAS, J.**
Study of a very-high-frequency transistor /Etude d'un transistor pour tres haute frequence/. 13 p2077 A67-26653
- BELOBROVA, O. I.**
Photometry of the limb zone of the moon /Fotometriya kraevoi zony lunny/. 02 p0329 A67-12492
Photometry of the lunar limb zones. 10 p1708 A67-23360
- BELOKON, A. V.**
The stresses in a compound disk under the influence of concentrated loads /O napriazheniakh v sostavnom diske pri delstvii sosedotochennykh nagruzok/. 15 p2577 A67-30186
Asymptotic solution for a class of integral equations and its application to the contact problems of elastic cylindrical bodies /Asimptoticheskoe reshenie odnogo klassa integral'nykh uravnenii i ego primenenie k kontaktym zadacham dlia tsilindricheskikh uprugikh tel/. 22 p3909 A67-39400
- BELOKRINITSKII, N. S.**
Conditions for self excitation of a laser operating in an inhomogeneously broadened band. 23 p4013 A67-40907
- BELOMYTTSEV, V. P.**
Loss in thermal stability of motion of a viscoplastic material /O potere teplovoi ustoiichivosti dvizheniya viazko-plasticheskogo materiala/. 01 p0052 A67-10682
Breakdown of thermal stability in the motion of a visco-plastic material. 11 p1783 A67-25070
- BELON, A. E.**
The statistical auroral zone during IQSY and its relationship to magnetic activity. 07 p1180 A67-19932
The spatial variation of auroral luminosity. 17 p2851 A67-33206
I. The morphology of the IQSY auroral oval. 22 p3791 A67-39806
II. The morphology of the IQSY auroral oval. 22 p3791 A67-39807
- BELONOSOV, S. M.**
Second boundary-value problem for the differential equation of elastic equilibrium of a shallow cylindrical shell /Vtoraia kraevaya zadacha dlia differentsial'nogo uravneniya uprugogo ravnovesiya pologo tsilindricheskoi obolochki/. 20 p3543 A67-37721
- BELOSTOTSKII, B. R.**
Application of variational methods to a study of the temperature regime of the active media of pulsed lasers /Primenenie variatsionnykh metodov k issledovaniyu temperaturnogo rezhima aktivnykh tel impul'snykh opticheskikh kvantovykh generatorov/. 05 p0825 A67-16935
- BELOTSEKOVSKII, O. M.**
Supersonic rotational flow past blunt bodies with convex corner /Sverkhzvukovoe obtekanie zatuplennykh tel vrashcheniya s izlomom obrazulushchey/. 03 p0349 A67-12862
Numerical algorithms in the method of integral correlations for calculating mixed gas flows /Algoritmy chislennykh skhem metoda integral'nykh sootnoshenii dlia rascheta smeshannykh tekhnii gaza/. 05 p0791 A67-16374
- BELOTSEKOVSKII, S. M.**
Special features of the calculation of flow past wings of complex planform at subsonic velocities /Osobennosti rascheta obtekanii kryl'ev slozhnoi formy v plane pri dozvukovykh skorostakh/. 06 p0935 A67-17730
The theory of thin wings in subsonic flow. 20 p3359 A67-37206
- BELOUS, M. V.**
Electrical properties of thin Permalloy films /Elektricheskie svoystva tonkikh permalloyevykh plenok/. 20 p3514 A67-37555
- BELOUSOV, A. A.**
Optimum amplitude and phase detection of a deterministic signal in the presence of nonstationary noise. 05 p0767 A67-17402
- BELOUSOV, A. I.**
Thermal Effects and Cutting Machinability of Aircraft Materials /Teplovyie iavleniya i Obrabatyvaemost' Rezanem Aviatsonnykh Materialov/. 03 p0427 A67-13190
Thermodynamic calculation of a cutting area - Statement of the problem /Termodinamicheskii raschet zony rezaniya - Postanovka zadachi/. 03 p0427 A67-13192
- BELOUSOV, B. N.**
Integration of the acceleration equations of a body on an MN-7 analog computer

- /Integrirovaniye uravneniya razgona tela s pomoshch'yu modeliruyushchey mashiny tipa MH-7/. 18 p3023 A67-33426
- BELOUSOV, N. N.**
Noise immunity of a signal detector using the zero register method. 02 p0194 A67-11902
- BELOUSOV, O. K.**
Effect of heat treatment on the mechanical properties of AT2 type alloys /Vliyanie termicheskoi obrabotki na mekhanicheskie svoystva spлавov tipa AT2/. 07 p1207 A67-19286
Elastic properties of titanium alloys of the ternary system Ti-Zr-Cr /Uprugie svoystva titanovykh spлавov troinnoi sistemy Ti-Zr-Cr/. 13 p2143 A67-27710
- BELOUSOV, V. N.**
Correlator for the study of oscillations in a stationary gas discharge /Korrelator dlia issledovaniya kolebaniy v stacionarnom gazovom razryade/. 07 p1227 A67-19120
Ionization instability and turbulent conductivity of nonequilibrium plasma /Ionizatsionnaya neustoiichivost' i turbulentnaya provodimost' neravnovesnoi plazmy/. 16 p2711 A67-30538
Correlator for investigating fluctuations in a stationary gaseous discharge. 21 p3664 A67-38165
- BELOUSOVA, I. M.**
Interaction of oscillation modes in a gas laser with a spherical-mirror resonator cavity /Vzaimodelstvie tipov kolebaniy v gazovom opticheskom kvantovom generatore s rezonatorom so sfericheskimi zerkalami/. 16 p2685 A67-31038
The spectrum of a continuous-action laser with a confocal resonator /K voprosu o spektre OKG nepreryvnogo deystviya s konfokal'nyim rezonatorom/. 18 p3060 A67-34039
- BELOUSOVA, L. E.**
Dependence on the output of the radius of a spherical thermal plasma /Zavisimost' radiusa termicheskoi plazmy sfericheskoi formy ot moshchnosti/. 01 p0118 A67-10045
Hollow positive column in a longitudinal magnetic field. 04 p0668 A67-15281
The geometry of electrodeless discharges induced in inert gases. 16 p2723 A67-31770
Relation of radius to power for a thermal plasma of spherical shape. 17 p2910 A67-33323
- BELOV, B. G.**
Niobium spring alloy with a stable elastic modulus at high temperatures. 15 p2504 A67-29973
- BELOV, G. I. A.**
Measurement of the thermal conductivity coefficients of heat-resistant materials at high temperatures /Izmerenie koeffitsientov teploprovodnosti zharoprochnykh materialov pri vysokikh temperaturakh/. 07 p1265 A67-19124
Measurement of the thermal conductivity coefficients of heat-resistant materials at high temperatures. 21 p3731 A67-38168
- BELOV, G. P.**
Direct-coupling resistance of a transistorized voltage stabilizer /Soprotivleniye priamoi svyazi stabilizatora napriazheniya na tranzistorakh/. 09 p1473 A67-21958
Direct-coupling resistance of a transistorized voltage stabilizer. 20 p3400 A67-37188
- BELOV, I. A.**
Gas flow in a blocked axisymmetric channel /Tekhenie gaza v osesimmetrichnom tupike/. 11 p1779 A67-24321
- BELOV, L. A.**
Simultaneous-phase automatic frequency control and synchronization /Sovmestnyye fazovaya avtopodstroika chastoty i sinkhronizatsiya/. 05 p0764 A67-16904
Automatic phase adjustment in amplifiers. 05 p0778 A67-17395
Experimental characteristics of an amplifier and a self-excited oscillator employing a reflex klystron with phase locking /Eksperimental'nye kharakteristiki usilitela i sinkhronizirovannogo avtogeneratora na otrazhatel'nom klistrone s avtopodstroikoi fazy/. 11 p1757 A67-23907
Simultaneous automatic phase frequency control and synchronization. 16 p2623 A67-30880
Experimental characteristics of a reflex klystron amplifier and synchronized oscillator with automatic phase control. 21 p3600 A67-38935

BELOV, R. K.

- Determination of permittivity on the basis of a change in the polarization of a wave at reflection /Opredeleniye dielektricheskoi prinitsaemosti po izmeneniyu polarizatsii volny pri otrazhenii/. 02 p0191 A67-11578
- BELOV, V. A.**
Estimation of the effect of the exchange reaction $H + H_{sub 2}$ equals $H_{sub 2} + 2H$ on the transfer coefficients of the dissociating hydrogen /Ob otsenke vliyaniya obmennoi reaktsii $H + H_{sub 2}$ equals $H_{sub 2} + 2H$ na koeffitsienty perenosa dissiatsiruyushchego vodoroda/. 03 p0473 A67-13606
Angular distribution and transport cross sections /Uglovoye raspredeleniye i transportnye secheniya/. 07 p1225 A67-19129
Calculation of the viscosity coefficient of cesium over a wide range of temperatures and pressures /Raschet koeffitsienta viazkosti tseziya v shirokom intervale temperatur i davlenii/. 18 p3087 A67-34050
Estimating the effect of the exchange reaction $H + H_{sub 2}$ equals $H_{sub 2} + 2H$ on the transfer coefficient of dissociating hydrogen. 18 p3083 A67-34471
Angular distribution and transport cross sections. 21 p3659 A67-38172
- BELOVA, L. M.**
Structure and certain properties of niobium-tantalum alloys, containing tungsten and molybdenum /Struktura i nekotorye svoystva spлавov niobila s tantalom, soderzhashchikh volfram i molibden/. 05 p0831 A67-17503
Structure and some properties of niobium-tantalum alloys containing tungsten and molybdenum. 21 p3644 A67-38030
- BELOVA, N. A.**
On the distribution of impurities in heavily doped germanium p-n junctions. 05 p0865 A67-16959
Dirichlet problem of a toroidal segment /Zadacha Dirikhle dlia toroidal'nogo segmenta/. 10 p1875 A67-23669
Dirichlet problem for a toroidal segment. 21 p3652 A67-38270
- BELOVA, O. S.**
Study of the structure of certain titanium alloys with an electron microscope using the method of thin foils /Issledovanie struktury nekotorykh titanovykh spлавov v elektronnom mikroskope metodom tonkikh fol'g/. 17 p2872 A67-32722
- BELOVA, R. I.**
Problems involved in achieving invariant multiloop control /O nekotorykh problemakh osushchestvleniya invariantnogo mnogosvaznogo regulirovaniya/. 16 p2643 A67-31379
- BELOZEROV, A. F.**
Quantitative methods of studying inhomogeneities in transparent media with the aid of IAB-451 shadow device /Kolichestvennyye metody issledovaniya neodnorodnosti v prozrachnykh sredakh pri pomoshchi tenevogo pribora IAB-451/. 19 p3228 A67-34985
- BELOZERSKII, G. N.**
Study of the behavior of impurity atoms in diatomic crystals of InSb and GaSb. 05 p0861 A67-16392
- BELSKY, T.**
The organic geochemistry of ancient sediments. II. 05 p0797 A67-16580
- BELTON, M. J. S.**
Water vapor in the atmosphere of Venus. 02 p0324 A67-11769
Interplanetary gas. XII. 14 p2386 A67-28481
Radiative relaxation times for Mars - A discussion of Martian atmospheric dynamics. 17 p2951 A67-33187
- BELTZ, R. B.**
OGO solar array design, fabrication and flight performance. 24 p4104 A67-42508
- BELUBEKIAN, M. V.**
Flutter of a cylindrical shell in the flow of a compressible conducting fluid in the presence of a magnetic field /Flatter tsilindricheskoi obolochki v potoke szhimaemol' provodiashego gaza pri nalichii magnitnogo polya/. 06 p1106 A67-18622
Oscillations and stability of a cylindrical shell in a conducting gas flow in the presence of a magnetic field /Kolebaniya i ustoiichivost' tsilindricheskoi obolochki v potoke provodiashego gaza pri nalichii magnitnogo polya/. 12 p2021 A67-25581
Problem of an aerodynamic wake behind a

- plate /K zadache ob aerodinamicheskomo sledje za plastinkol/. 19 p3171 A67-35632
- BELVAUX, Y.**
Interferometric holography in diffused light /Holographie interferometrique en lumiere diffuse/. 03 p0420 A67-13451
Influence of emulsion thickness in hologram reconstruction. 20 p3435 A67-36202
Recent progress in coherent optics - Spatial filtering, holography /Progres recents en optique coherent - Filtrage des frequences spatiales, holographie/. 20 p3457 A67-36333
Observation of phase objects by optically processed Hilbert transform. 20 p3458 A67-36388
Duplication of holograms. 24 p4153 A67-41910
- BELY, O.**
Potentials occurring in the excitation of highly ionized ions by electron impacts. 15 p2520 A67-29527
- BELYEV, L. M.**
Analysis of the optical spectra and stimulated radiation of Y sub 3 Al sub 5 O sub 12 -Nd super 3 super plus crystals. 16 p2726 A67-30810
- BELYI, M. I.**
Simulation of certain nonlinear dependences with the aid of magnetic devices /Modelirovanie nekotorykh nelineynykh zavisimostei s pomoshch'yu magnitnykh ustroystv/. 09 p1498 A67-22032
- BELZ, D. J.**
A numerical study of non-linear vibrations induced by correlated random loads. 04 p0656 A67-14447
- BELZONS, M.**
Direct optical study of the energy-loss function in thin films of iron /Etude optique directe de la fonction perte d'energie dans les couches minces de fer/. 17 p2913 A67-32294
- BEMISS, C. W.**
Range support satellite. 20 p3531 A67-36470
- BEN-ARY, B.**
New instrumentation techniques for the measurement of infrasonic and gravity waves. 16 p2677 A67-31430
- BEN-ARYEH, Y.**
Spectral emissivity calculations by the statistical model applied to the 4.3-mu bands of CO sub 2 at high temperatures. 15 p2521 A67-30429
- BENARD, M.**
Calibration methods at high levels. 09 p1484 A67-21938
Noise measurements in difficult conditions of vibrations and temperature. 09 p1497 A67-21939
- BENATTAR, R.**
Hall effect in a flame - Study of electron capture by mobility measurements /Effet Hall dans une flamme - Etude de l'attachement electronique par mesure de mobilite/. 18 p3146 A67-33691
- BENBADIS, H.**
Unitary screening of components for space applications for the D2 satellite /Selection unitaire de composants a usage spatial pour le satellite D2/. 21 p3601 A67-39061
- BENCHIKOV, V. A.**
Two-channel single-pulse neodymium glass laser with a power of 180 joules /Dvukhkanal'nyi monimpul'snyi opticheskii kvantovyi generator na neodimovom stekle s energiei 180 dzh/. 19 p3239 A67-34986
- BENCZE, F.**
Direct and inverse method of calculating rotating cascades with an infinite number of blades and radial flow. 20 p3360 A67-37597
- BENCZE, P.**
Investigation of the deformation of the ionospheric E-layer caused by the S sub q current system /Beitrag zur Untersuchung der durch das S sub q Stromsystem verursachten Verzerrung der ionospharischen E-Schicht/. 24 p4146 A67-41785
- BENDAVID, D.**
Buckling of conical shells heated along a generator. 19 p3343 A67-35772
- BENDER, D. F.**
Conditions for optimal one-impulse transfer. 01 p0148 A67-10428
Asteroid encounters on Mars missions. [AAS PAPER 66-124] 07 p1254 A67-19983
Asteroid encounters on Mars missions. [AAS PAPER 66-124] 13 p2209 A67-27537
- BENDER, E. K.**
Optimum linear control of random vibrations. 16 p2703 A67-31642
Frequency effects in analog channels multiplexed for reliability. 16 p2649 A67-31667
- BENDER, P. L.**
Polarization of cosmic oh 18-cm radiation. 11 p1864 A67-24565
Laser measurements of long distances. 17 p2867 A67-32613
- BENDER, R. L.**
A technique in predicting multi-engine exhaust geometry and thermodynamic properties with a single reference engine. 22 p3902 A67-39940
- BENDOR, E.**
Free molecular expansion of initially moving gases into vacuum. 06 p0985 A67-18190
- BENEDETTO, K. R.**
Diagnostic techniques for atmospheric pressure arc plasmas. 12 p1973 A67-25393
- BENEDICT, R. A.**
Measurement of the room temperature R sub 1 line width of forty-two rubies. 10 p1662 A67-22741
- BENEDICT, R. P.**
Handbook of specific losses in flow systems. 02 p0233 A67-11995
- BENEDICT, W. S.**
Traces of HCl and HF in the atmosphere of Venus. [JPL-TR-32-1106] 11 p1863 A67-24510
- BENEDIKTOV, E. A.**
Frequency dependence of the enhanced absorption of cosmic radio emission during abrupt ionospheric disturbances /Chastotnaya zavisimost' dopolnitel'nogo pogloshchenia kosmicheskogo radioizlucheniia vo vremia vnezapnykh ionosfernnykh vozmushchenii/. 02 p0307 A67-11676
Possible interpretation of the frequency dependence of anomalous cosmic noise absorption. 12 p1933 A67-25548
Intensity-measurements of radiation at frequencies 725 and 1,525 kc, by means of the receiver on the satellite "Electron-2." 12 p1995 A67-25769
Frequency dependence of additional cosmic noise absorption during sudden ionospheric disturbances. 16 p2738 A67-31091
- BENEDIKTOVA, G. P.**
Diffusion of potassium in single crystals and polycrystalline aggregates of molybdenum. 15 p2504 A67-29972
- BENEFIELD, J. W.**
Inlet flowfield analysis for high Mach number applications. [AIAA PAPER 66-605] 13 p2050 A67-26831
- BENEKING, H.**
Contribution to GaAs laser diodes /Ein Beitrag zu GaAs-Laserdioden/. 09 p1515 A67-22275
Characteristics of the switching behaviour of diodes and transistors. 15 p2449 A67-29803
- BENENSON, D. M.**
Nonsteady coaxial arcs in fully developed plasma flow. [AIAA PAPER 66-480] 15 p2531 A67-30204
Oscillations of electric arcs in argon cross-flow. 17 p2906 A67-33037
- BENENSON, E. B.**
End effects in a magnetohydrodynamic channel of variable cross section /Kontsevyie efekty v magnitogidrodinamicheskom kanale peremennogo secheniia/. 04 p0689 A67-15516
Fringe effects in magnetohydrodynamic generators. 12 p1901 A67-26078
Boundary layer on a nonconducting MGD-channel wall /Pogranichnyi sloi na neprovodiascheli stenke magnitogazodinamicheskogo kanala/. 24 p4196 A67-42212
- BENES, K.**
Effect of the drift and grid currents of DC amplifiers on the accuracy of solving linear differential equations with constant coefficients /Vliv driftu a mrizkového proudu u podtacíh stejnosměrných zesilovačů na přesnost řešení lineárních diferenciálních rovnic s konstantními koeficienty/. 01 p0031 A67-11264
- BENESCH, R.**
Evidence for a thermonuclear reaction in a delta-pinch plasma from the scattering of a ruby laser beam. 22 p3843 A67-39244
- BENESCH, W.**
Excitation and photon emission rates of the auroral nitrogen first positive group. 10 p1650 A67-23338
- BENESOVSKY, F.**
The importance of powder metallurgical techniques and solid-state reactions in the treatment of metallurgical problems. 01 p0099 A67-10711
- BENETATO, GR.**
Hemodynamic modifications produced by posture variations - Influence of the anti-G suit and of tourniquets /Modifications hemodynamiques produites par les variations de posture - Influence du costume anti-G et des tourniquets/. 16 p2616 A67-30754
- BENEVOLENSKAIA, T. V.**
Some problems in the selection of research astronauts /Nekotorye problemy otbora kosmonavtov issledovatelei/. 13 p2062 A67-26763
- BENGSON, M. H.**
A study of primate skin and body particulate matter and indigenous primate microflora. 23 p3944 A67-40856
- BENGUS, V. Z.**
Role of dislocation multiplication in the plastic deformation of ionic crystals /O roli razmnozheniia dislokatsii pri plasticheskoi deformatsii ionnykh kristallov/. 13 p2175 A67-26448
- BENHAM, B. P.**
Xenon plasma from focused coaxial gun. 08 p1356 A67-20371
- BENHAM, P. P.**
Strain hardening and softening of metals produced by cycles of plastic deformation. 12 p2015 A67-25419
A comparison of uniaxial and biaxial low-endurance fatigue behaviour of two steels. 12 p2015 A67-25421
Push-pull low endurance fatigue of En 25 and En 32B steels at 20 deg C and 450 deg C. 12 p2015 A67-25422
- BENJAMIN, A. S.**
The effect of ablative geometry change on the heating and recession characteristics of sphere-cones. [AIAA PAPER 66-992] 03 p0353 A67-14145
- BENJAMIN, C. R.**
A magnetic field instrument for the OGO-E spacecraft. 04 p0626 A67-15724
- BENJAMIN, J.**
High integrity guidance for approach and landing. 09 p1529 A67-22638
- BENJAMIN, R.**
Modulation, Resolution and Signal Processing in Radar, Sonar and Related Systems. 03 p0372 A67-14233
Isotropic directional transponder beacon. 13 p2071 A67-27404
- BENJAMIN, T. B.**
Some developments in the theory of vortex breakdown. 13 p2095 A67-26908
- BENJAMIN, W. D.**
An incubation time for the initiation of stress-corrosion cracking in precracked 4340 steel. 22 p3822 A67-40060
- BENKOVA, N. P.**
Comparison of magnetic-field calculations with measurements obtained by Cosmos 49 /Sopostavleniie raschetnogo geomagnitnogo polia s izmerennym na ISZ "Kosmos-49"/. 10 p1632 A67-22812
Experience in compiling a geomagnetic map using artificial earth satellite data. 12 p1933 A67-25652
Comparison of the computed geomagnetic field with that measured on the Cosmos-49 satellite. 24 p4150 A67-42149
- BENNEMANN, K. H.**
Anomalous electromagnetic microwave absorption of superconducting alloys in a static magnetic field. 11 p1846 A67-24584
Anomalous specific heat of superconducting magnetic alloys. 19 p3303 A67-35045
Exchange character of the Anderson Hamiltonian. 22 p3861 A67-39994
- BENNET, J. H.**
Experiences with SAMSOM I modeling techniques in early design. [AIAA PAPER 66-786] 01 p0009 A67-10530
- BENNETT, A. G.**
Mass optimal solutions of some variable endpoint trajectory problems. 22 p3884 A67-39955
An adaptive guidance scheme for orbital rendezvous. 22 p3832 A67-39964
- BENNETT, A. I.**
An integrated high-voltage solar cell. 23 p3937 A67-41492
- BENNETT, A. J.**
Anisotropic energy gap in superconducting white tin - Semilempirical approach. 07 p1235 A67-20134
Phenomenological Landau-Ginzburg theory

- for anisotropic superconductors. 10 p1687 A67-22759
- BENNETT, C. J.**
Tantalum thin film resistors and their use in integrated circuits. 14 p2280 A67-28015
- BENNETT, C. P.**
The effect of explosive forming on fatigue properties. 17 p2871 A67-32433
- BENNETT, G. E.**
A magnetoelastic two-port configuration in YIG. 21 p3677 A67-38007
- BENNETT, H. F.**
Use of an earth analog in lunar mission planning. 16 p2747 A67-30991
Use of an earth-analog in lunar mission planning. 22 p3887 A67-40142
- BENNETT, J. A.**
The calculation of Doppler shifts due to a changing ionosphere. 16 p2629 A67-31516
- BENNETT, J. J.**
The defense industry - Management challenge of the seventies. [ASME PAPER 66-WA/MGT-16] 04 p0740 A67-15335
- BENNETT, L. W.**
Design and operation of the battery power supply of a hypersonic-propulsion facility. 04 p0556 A67-15638
- BENNETT, M.**
A modified Encke special perturbation method. [AAS PAPER 66-93] 07 p1252 A67-19957
A modified Encke special perturbation method - Summary. [AAS PAPER 66-93] 13 p2207 A67-27517
- BENNETT, M. M.**
Modified Encke special perturbation method. 01 p0148 A67-10383
Numerical integration of variational equations. 20 p3478 A67-37212
- BENNETT, R. M.**
A wind-tunnel technique for measuring frequency-response functions for gust load analyses. [AIAA PAPER 65-787] 03 p0354 A67-12908
- BENNETT, S.**
Experimental and analytical evaluation of electrothermal and electromagnetic space propulsion engines. 02 p0305 A67-12340
Development of an ammonia-fueled MPD arc jet thruster. [AIAA PAPER 67-690] 21 p3696 A67-38930
- BENNETT, S. B.**
Early Bird I communications parameters. 06 p0959 A67-17664
- BENNETT, S. M.**
Synodic tendencies in the time series of f sub min at South Pole, Antarctica. 03 p0507 A67-14116
- BENNETT, W. R.**
Communication systems and techniques. 01 p0021 A67-10306
Real-time electrooptical signal processors with coherent detection. 19 p3197 A67-35687
- BENNETT, W. R., JR.**
Direct electron excitation cross sections pertinent to the argon ion laser. 02 p0253 A67-12520
Detection of quarks in the ultraviolet solar spectrum. 04 p0694 A67-14479
Radial drift velocities in the argon ion laser. 11 p1803 A67-24931
Direct observation of collision broadening and effect of resonant interactions on gas-laser transitions. 12 p1953 A67-26196
- BENNEY, D. J.**
The asymptotic behavior of nonlinear dispersive waves. 18 p3079 A67-34002
- BENNICH, E. R.**
Implementation of advanced simulation techniques for predicting the Saturn V launch vehicle system behavior. [AIAA PAPER 67-205] 06 p1096 A67-18344
Implementation of advanced simulation techniques for predicting the Saturn V launch vehicle system behavior. [AIAA PAPER 67-205] 19 p3331 A67-34807
Implementation of advanced simulation techniques for predicting the Saturn V launch vehicle system behavior. 20 p3414 A67-36536
- BENNUN, A.**
Properties of the induced acid phosphatase and of the constitutive acid phosphatase of Euglena. 10 p1598 A67-23397
- BENOIT, A. LA GUILLAUME, C.**
Piezoemission of indium antimonide. 06 p1062 A67-18932
- BENOIT, C.**
Automatic measurement of the resonance frequency variations of the earth/ionosphere cavity /Mesure automatique des variations de fréquence des resonances de la cavité terre-ionosphere/. 15 p2489 A67-30071
- BENSEN, I. B.**
Small helicopter flight test report. [AIAA PAPER 67-264] 07 p1129 A67-20041
- BENSON, A. J.**
Evidence for semicircular canal excitation by rotation of a linear acceleration vector. 23 p3952 A67-41576
- BENSON, A. S.**
General instability and face wrinkling of sandwich plates - Unified theory and applications. [AIAA PAPER 66-138] 10 p1717 A67-23126
- BENSON, F. A.**
Nonlinear diaphragms in waveguides. 24 p4119 A67-41972
- BENSON, H. E.**
Lunar surface mechanical properties - Surveyor I. 08 p1386 A67-20942
- BENSON, M.**
Design and performance of the Ranger Block III unmanned lunar spacecraft television system. 16 p2620 A67-30643
- BENSON, N. C.**
Factors affecting fresh mixture entrainment in bluff-body stabilized flames. 02 p0342 A67-12029
- BENSON, R. A.**
Propulsion system selection considerations for the Voyager spacecraft. [AIAA PAPER 66-974] 02 p0305 A67-12296
- BENSON, R. S.**
Some recent research on non-steady flow problems. 03 p0403 A67-13769
An analysis of the losses in a radial gas turbine. 12 p1891 A67-25347
- BENSON, S. W.**
Application of very low pressure pyrolysis to combustion kinetics. 18 p3149 A67-33787
- BENSTON, M. L.**
Extended-average-energy method for perturbation problems. 07 p1137 A67-20186
- BENSUSSAN, A.**
Some results concerning a low-inductance 50-kv spark gap /Quelques resultats concernant un eclateur 50 kv a faible self/. 03 p0486 A67-14095
- BENT, R. B.**
Attitude determination of the Ariel III satellite. 24 p4240 A67-41877
- BENT, R. D.**
Maintenance and Repair of Aerospace Vehicles /3rd Edition/. 22 p3811 A67-39441
- BENTLEY, R. M.**
Early Bird experimental results. 16 p2759 A67-30691
- BENTSON, J.**
Creep analysis of circular plates by energy methods. 04 p0707 A67-14443
- BENTWICH, M.**
Interaction between a vibrating plate and the sound waves in the surrounding air. 11 p1874 A67-24228
- BENVENISTE, J. E.**
Transient response of structural elements to traveling pressure waves of arbitrary shape. 01 p0161 A67-10775
Dynamic effects of sonic booms on a beam loosely bound to its supports. [AIAA PAPER 67-14] 06 p1101 A67-18253
- BENZ, K. W.**
Time behavior of light emitted from CW GaAs-laser diodes /Das zeitliche Verhalten der Lichtemission von kontinuierlich betriebenen GaAs-Laserdioden/. 01 p0088 A67-10243
- BENZING, R. J.**
Physical, chemical, and mechanical characteristics of a polyphenyl ether. 14 p2341 A67-28953
- BERA, R.**
Note on the buckling of linear viscoelastic columns of variable cross sections. 08 p1418 A67-20594
- BERAN, M. J.**
Propagation of a spherically symmetric mutual coherence function through a random medium. 09 p1460 A67-21592
- BERBERIAN, M. J.**
Packaging an integrated circuit airborne tape control unit. 12 p1911 A67-25273
- BERCHTOLD, K.**
Electrical and photovoltaic properties of PbS-Si heterodiodes. 12 p1980 A67-25180
- BERDICHEVSKAIA, V. S.**
Periodicity of the North-South asymmetry in the distribution new-cycle sunspots during years of minimum solar activity /Periodichnost' Severno-luzhnoi asimetrii v raspredelenii solnechnykh platen novogo tsikla v gody minimumov/. 15 p2552 A67-29145
- BERDICHEVSKII, V. L.**
A periodicity in the north-south asymmetry of the sunspot distribution at the minimum of new cycles. 24 p4239 A67-43068
- BERDICHEVSKII, V. L.**
Construction of models of continuous media by means of the variational principle. 11 p1819 A67-24675
- BERDING, A. R.**
Reverse Monte Carlo for computer-aided circuit analysis. 16 p2633 A67-30475
- BERDYSHEV, A. A.**
Ferromagnetic semiconductors in which the exchange coupling occurs through the conduction electrons. 02 p0296 A67-11826
- BEREGOVKIN, A. V.**
Prophylaxis for the negative effect of hypokinesia on the human cardiovascular system /Profilaktika otritsatel'nogo vlianiia gipokinezii na serdechnosudistulu sistemu cheloveka/. 13 p2059 A67-26764
- BERES, W. P.**
Virtual transitions to the continuum in O super 16. 04 p0659 A67-14478
- BERESNEV, N. P.**
Control system for automatic station "Luna-9". 22 p3897 A67-39167
- BEREZHETSKII, M. S.**
Toroidal stellarator-type magnetic trap with external plasma injection /Toroidal'naia magnitnaia lovushka stellaratornogo tipa s vneshnei inzhetsiei plazmy/. 17 p2904 A67-32911
- BERZHINSKII, L. I.**
Determination of volume and surface inhomogeneities of the active media and interferometric mirrors of lasers /Opredelenie ob'emnykh i poverkhnostnykh neodnorodnostei aktivnykh tel i interferometricheskikh zerkal opticheskikh kvantovykh generatorov/. 03 p0436 A67-13143
- BERZHITSKII, L. T.**
Limit equilibrium of plates with sharp stress raisers. 03 p0522 A67-13122
Propagation of cracks terminating at the edge of a curvilinear hole in a plate. 19 p3343 A67-35846
- BEREZIN, A. K.**
Spectroscopic study of the interaction of charged-particle beams with plasma. 06 p1040 A67-18088
- BEREZIN, A. S.**
Analysis of the excitation of a parametron with p-n junction capacitance produced by an inverted impurity concentration gradient in the base of the junction /Analiz vozbuzhdeniia parametrona s ispol'zovaniem emkosti p-n-perekhoda s obratnym gradientom kontsentratsii primesel v baze/. 03 p0378 A67-13246
- BEREZIN, I. A.**
Variation of temperature during the first stage of an electric explosion of wires. 16 p2703 A67-31779
- BEREZIN, I. U. A.**
Nonlinear evolution of perturbations in a plasma and in other dispersing media /O nelineinnoi evoliutsii vozmushchenii v plazme i drugikh dispergirulushchikh sredakh/. 05 p0853 A67-16698
Cylindrical waves in a rarefied plasma in the presence of strong "noncollision" dissipation /Tsilindricheskie volny v razrezhennoi plazme pri nalichii sl'noi "besstolknovitel'noi" dissipatsii/. 07 p1227 A67-19308
Investigation of cylindrical waves in a rarefied plasma /Issledovanie tsilindricheskikh voln v razrezhennoi plazme/. 11 p1842 A67-24964
Nonlinear evolution of disturbances in plasmas and other dispersive media. 15 p2530 A67-29869
- BEREZIN, V. M.**
Effect of ozone on the mean meridional circulation in the upper atmosphere /O vlianii ozona na sredniuiu meridional'nuuiu tsirkulatsiiu v verkhnei atmosfere/. 16 p2666 A67-31098
- BEREZINA, A. L.**
Nature of structural changes during the early stages of decomposition of an oversaturated solid solution of titanium in cobalt /O prirode strukturnykh izmenenii na nachal'nykh stadiakh raspada peresyshchennogo tverdogo rastvora titana v kobalte/. 02 p0255 A67-11865
- BEREZKIN, A. N.**
Methods of measuring velocity and

- photographing models during ballistic studies /Metody izmereniya skorosti i fotografirovaniya modelei pri ballisticheskikh issledovaniyakh/. 16 p2674 A67-31126
- High-speed spark photography with frequencies up to 40,000 frames/sec /Skorostnaya iskrovala fotografira s chastotoi do 408000 kadr./sek./, high-speed spark photography with frequencies up to 40,000 frames/sec /Skorostnaya iskrovala fotografira s chastotoi do 40,000 kadr./sek./, 16 p2674 A67-31127
- Investigation of the supersonic unsteady flow past a model arising at the interface between gases with different densities /Issledovanie sverkhzvukovogo nestatsionarnogo obtekanija modeli, vznikavshchego na granitse razdelaz gazov s raznoi plotnost'iu/. 16 p2593 A67-31133
- BEREZKINA, M. K.
Flow formation near a model in a shock tube /Formirovanie techeniya okolo modeli v udarnoi trube/. 16 p2592 A67-31102
- Separation of a bow shock wave from a sphere in argon and nitrogen at small supersonic Mach numbers /Otkhod golovnoi udarnoi volny ot sfery v argone i azote pri malyykh sverkhzvukovykh chislakh Makha/. 16 p2592 A67-31103
- Determination of flow parameters in a shock tube /Opredelenie parametrov potoka v udarnoi trube/. 16 p2659 A67-31104
- Measurement of shock-wave velocities /Izmerenie skorosti udarnoi volny/. 16 p2673 A67-31106
- High-speed spark photography with frequencies up to 40,000 frames/sec /Skorostnaya iskrovala fotografira s chastotoi do 408000 kadr./sek./, high-speed spark photography with frequencies up to 40,000 frames/sec /Skorostnaya iskrovala fotografira s chastotoi do 40,000 kadr./sek./, 16 p2674 A67-31127
- BEREZOVSKI, A. A.
Nonlinear boundary-value problems of unsteady thermal radiation /O nelineynykh kraevykh zadachakh nestatsionarnogo teploizlucheniya/. 17 p2971 A67-32870
- Stability of a shallow spherical shell /Do pitanniya stiklosti pologoi sferichnoi obolonki/. 22 p3911 A67-39683
- BEREZOVSKI, V. P.
Cancellation of a laser by a laser /Gashenie lazera lazerom/. 08 p1338 A67-21204
- BEREZOVSKI, V. R.
Suppression of certain modes in the emission of a ruby laser /Podavlenie nekotorykh mod v izlucheni rubinovogo lazera/. 12 p1952 A67-25436
- BEREZUTSKI, V. V.
Influence of a titanium additive on the growth process of dispersed aluminum oxide particles in a nickel matrix. III /Vliyanie dobavki titana na protsess razlasyvaniya chastits oksidi aluminila v nikelevoi matritse. III/. 24 p4171 A67-41959
- BERG, B. V.
Limiting value of the heat transfer coefficient in a rotating and a boiling layer /O predel'nom znachenii koeffitsienta teplootdachi v dvizhushchemsia i kiplashchem sloiakh/. 06 p1118 A67-18549
- BERG, G. E.
SNAP 10A flight test instrumentation performance. 08 p1330 A67-20655
- SNAP 10A data reduction. 20 p3482 A67-36957
- BERG, H. F.
Absolute measurement of some argon II transition probabilities /Absolutmessung einiger Argon-II- Uebergangswahrscheinlichkeiten/. 24 p4194 A67-41888
- BERG, K. J.
Graphic displays generated from digital computers. [AIAA PAPER 66-854] 03 p0376 A67-14128
- BERG, K. R.
The application of a boron/epoxy composite in the design optimization of a helicopter blade structure. [AIAA PAPER 67-176] 06 p1102 A67-18322
- The effect of fiber spacing in composites on modulus of laminate configurations used in aerospace structures. 10 p1729 A67-23768
- BERG, R. A.
Second-order spectra of symmetric cyanine dyes. 22 p3757 A67-39444
- BERGE, G. L.
An interferometric study of Jupiter's decimeter radio emission. 05 p0892 A67-16408
- BERGE, P.
Electrical conductivity of MgF sub 2 doped lithium fluoride at ambient temperature /Conductibilite electrique a temperature ambiante du fluorure de lithium dope au MgF sub 2/. 12 p1978 A67-25149
- BERGEMANN, G. T.
A communication link analyzer. 02 p0203 A67-12134
- Aircraft/satellite communication relay. 02 p0205 A67-12306
- BERGEN, A. R.
On bounded-input-bounded-output stability of a certain class of nonlinear sampled-data systems. 02 p0224 A67-11586
- On input-output stability of nonlinear feedback systems. 06 p0977 A67-18528
- Zero steady-state error operation of feedback systems with a time-varying nonlinear element. 06 p0977 A67-18529
- The parabola test for absolute stability. 19 p3199 A67-34785
- BERGER, H.
Nuclear techniques for nondestructive testing. 02 p0249 A67-12220
- Moving media without electromagnetic drag. 19 p3298 A67-35828
- BERGER, K.
Novel observations on lightning discharges. Results of research on Mount San Salvatore. 18 p3074 A67-33995
- BERGER, L. I.
Thermal and elastic properties of a number of ternary diamond-like semiconductor compounds /Teplovoye i uprugoe svoystva riada troinykhalmazopodobnykh poluprovodnikovykh soedinenii/. 18 p3096 A67-33452
- BERGER, M. S.
Some results of experiments with a 100-kw MHD generator model /Nekotorye rezultaty eksperimental'nykh issledovani 100-kilovattnoi modeli MGD generatora/. 16 p2602 A67-30559
- BERGER, S.
The occurrence of auroral pulsations in the frequency range 0.01-0.1 c/s over Tromso. 19 p3222 A67-35459
- BERGER, T.
Practical design of infrared detector circuits. 17 p2862 A67-33289
- BERGGREN, C. C.
Transient high energy radiation response in the thin-film transistor. 04 p0589 A67-15718
- A thermophototropic model for spacecraft thermal control. 21 p3730 A67-37792
- BERGGREN, R.
A detailed study of the horizontal and vertical distribution of ozone. 06 p0996 A67-18446
- Eddy vertical transport of latent and sensible heat. 09 p1490 A67-21550
- BERGH, H.
Theoretical and experimental results for the dynamic response of pressure measuring systems. 03 p0418 A67-12998
- BERGLAND, G. D.
Digital real-time spectral analysis. 13 p2073 A67-27062
- BERGLUND, C. N.
Surface states at steam-grown silicon-silicon dioxide interfaces. 04 p0683 A67-15622
- Electron transport in single-domain, ferroelectric barium titanate. 16 p2729 A67-31060
- BERGMAN, P. A.
Hot corrosion of gas turbine alloys. 11 p1804 A67-23918
- BERGMANN, F.
Some new aspects of thermal instability of the current distribution in power transistors. 02 p0222 A67-12651
- BERGMANN, S. M.
On a representation in quantum optics. 20 p3485 A67-36866
- BERGQUIST, L. E.
A cryogenic low-pressure seal. 08 p1336 A67-21498
- The effect of localized gas densities on vacuum ionization gauges. 09 p1498 A67-22108
- Measurement of contamination in vacuum chambers. 24 p4138 A67-42035
- BERGQVIST, B.
Strain measurements of structural materials. 08 p1420 A67-20907
- BERGSTEN, L.
Synthesis of nonuniform antenna arrays using lambda functions. 21 p3602 A67-39071
- BERGSTRAHL, J. T.
An upper limit for atmospheric carbon dioxide on Mercury. 24 p4225 A67-41836
- BERGSTROEM, J.
Critical voltage of a rotating plasma. 04 p0672 A67-15648
- BERGSTROM, E. R.
A note on the "isentropic ramp" intake diffuser in the Mach number range 6 to 10. 06 p0942 A67-18750
- BERIG, H. G.
Mariner IV space data automation system /SDAS/ computer reliability. 05 p0777 A67-17254
- BERIKASHVILI, V. SH.
Geophysical problems and lunar investigations. 04 p0702 A67-15561
- BERK, H. L.
Velocity space instabilities in a toroidal geometry. 11 p1828 A67-23876
- Nonlinear study of Vlasov's equation for a special class of distribution functions. 21 p3662 A67-37763
- BERKA, L.
On the formulation of the first boundary value problem for an axisymmetrically loaded body of revolution. 07 p1264 A67-20037
- BERKE, L.
Electroforming thin shells for experimental studies. 13 p2219 A67-27184
- BERKELIEV, A. D.
Lifetime of nonequilibrium current carriers in high resistance crystals of p-InSb /Vremia zhlzni neravnovesnykh nositelei toka v vysokoomnykh kristallakh p-InSb/. 20 p3510 A67-36761
- BERKELIEV, M.
Unstable variation of the ionization of the F region of the ionosphere during years of minimum solar activity over Ashkhabad /Neustoiichivoe izmenenie ionizatsii F oblasti ionosfery v gody minimuma solnechnoi aktivnosti nad Ashkhabadom/. 12 p1938 A67-26100
- Features of the diurnal ionization anomaly of the F region in the intermediate zone of the Northeastern and Northwestern Hemispheres /Osobenosti sutochnoi anomalii ionizatsii f oblasti v perekhodnoi zone severo-vostochnogo i severo-zapadnogo polushari/. 13 p2117 A67-27708
- BERKER, R.
Second-order fluids /Sur les fluides du deuxieme ordre/. 16 p2663 A67-31703
- BERKERY, E. A.
An automatic failure detector for power conditioning equipment. [AIAA PAPER 67-983] 24 p4110 A67-43055
- BERKEY, E.
The abundance and distribution of chlorine in iron meteorites. 24 p4232 A67-42610
- BERKL, E.
Resistive diffusion of cesium plasma in a stellarator. 01 p0125 A67-10914
- Influence of a radial electric field upon the radial diffusion of a magnetically confined cesium plasma. 11 p1835 A67-24384
- BERKLEY, D. A.
Transient interference studies of emission from a pulsed ruby laser. 23 p4012 A67-40883
- BERKNER, K. H.
A simple model for the yield of excited hydrogen atoms as a function of gas target thickness. 16 p2714 A67-30874
- Cross sections for electron capture by fast protons in H sub 2, He, N sub 2, and Ar. 17 p2889 A67-33227
- The yield of excited atoms in a beam formed by charge exchange in a partially ionized gas target. 22 p3852 A67-39987
- BERKNER, L. V.
The rise of oxygen in the earth's atmosphere with notes on the Martian atmosphere. 18 p3041 A67-34095
- BERKOVICH, F. D.
Qualitative analysis of certain integral equations on a semiaxis /O kachestvennom issledovanii nekotorykh integral'nykh uravnenii na poluosi/. 14 p2344 A67-28809
- BERKOVSKI, B. M.
Exact numerical solutions of the boundary layer equations for pseudo-plastic fluids. 04 p0609 A67-15599
- The boundary layer of non-Newtonian fluids /Pogranichnyi sloi nen'yutonovskikh zhidkostei/. 20 p3424 A67-37546
- BERKOWITZ, H. M.
Dynamic analysis and development of response histories and tradeoff study charts

- for spherical impact limiters. 10 p1727 A67-23738
- BERKOWITZ, R. P.**
Mariner IV space data automation system /SDAS/ computer reliability. 05 p0777 A67-17254
- BERKOWITZ, S. M.**
The bonding of fiberglass-reinforced polyester. 24 p4175 A67-42421
- BERLAD, A. L.**
Radiation from flames and chemical perturbations of the atmosphere. 04 p0721 A67-14701
- BERLANDE, J.**
Theoretical study of a nonequilibrium cesium plasma /Etude theorique d'un plasma de cesium hors equilibre/. 16 p2713 A67-30868
Calculation of the characteristics of a nonequilibrium cesium plasma /Calcul des caracteristiques d'un plasma de cesium hors equilibre thermodynamique/. 19 p3294 A67-35417
- BERLEKAMP, E. R.**
Lower bounds to error probability for coding on discrete memoryless channels. I. 11 p1752 A67-24270
A lower bound to the distribution of computation for sequential decoding. [JPL-TR-32-1121] 20 p3412 A67-37494
Lower bounds to error probability for coding on discrete memoryless channels. II. 22 p3764 A67-39296
- BERLEN, V.**
Telecommunications in the service of air transport - Current setup and future developments of Alitalia's telecommunications services /Le telecomunicazioni al servizio del trasporto aereo - Organizzazione attuale e sviluppi futuri dei servizi di telecomunicazioni dell'Alitalia/. 08 p1294 A67-20784
- BERLINCOURT, D.**
Transducers using forced transitions between ferroelectric and antiferroelectric states. 03 p0426 A67-14301
- BERMAN, D.**
Design of a solar-electric propulsion system for interplanetary spacecraft. [AIAA PAPER 66-214] 07 p1240 A67-19364
Satellite thermal simulation by a hybrid computer. 07 p1257 A67-19375
Porosity effects on the oxidation of tungsten. 11 p1809 A67-24915
Nonideal behavior of rotating gravitational mass sensors. 12 p1945 A67-25919
Gravitational-radiation detection range for binary stellar systems. 15 p2563 A67-30162
Porosity effects in the ionization of cesium on tungsten. 20 p3487 A67-36170
Gravity gradiometer computer model for simulated gradient contour mapping. 23 p4000 A67-41218
- BERMAN, L. D.**
Design of storable propellant pressure vessels. [SAE PAPER 660677] 01 p0160 A67-10582
- BERMAN, L. V.**
Optical constants of crystalline quartz in the far infrared region /Opticheskie postoiannye kristallicheskogo kvartsa vdalekol infrakrasnoi oblasti/. 09 p1553 A67-21917
Optical constants of crystalline quartz in the far infrared region. 14 p2365 A67-28246
- BERMAN, R. J.**
Ballistic coefficients for power law bodies. 05 p0750 A67-17360
Recovery of high-performance re-entry vehicles by drag brakes plus parachutes. 15 p2564 A67-29424
- BERMOND, A.**
Generalization of Noether's theorem to a process of optimized control /Generalisation du theoreme de Noether a un processus de commande optimise/. 19 p3204 A67-35906
- BERNAL G., E.**
Ion emission from laser irradiated tungsten. 05 p0819 A67-16651
- BERNAL, E.**
Particle emission in laser-surface interactions. 02 p0252 A67-12180
- BERNAL, E. G.**
Lasers in high temperature research. 21 p3640 A67-38392
- BERNAL, G. E.**
Gas desorption produced by a giant pulse laser. 08 p1338 A67-21310
- BERNARD, G. D.**
On complex waves. 05 p0766 A67-17297
- BERNARD, J.**
Spherulitic growth in thin telluride layers /Croissance spherolitique dans les couches minces de tellurides/. 02 p0295 A67-11766
Dispersion formula for waveguides loaded through irises with rounded inner edges /Formule de dispersion des guides d'ondes charges par des iris a bord interieur arrondi/. 04 p0579 A67-14415
Mechanism of the photovoltaic effect in cadmium telluride photovoltaic cells /Sur le mecanisme de l'effet photovoltaique dans les photopiles au tellurure de cadmium/. 08 p1285 A67-20733
Electrical conductivity of argon and cesium plasmas for MHD conversion /Conductivite electrique des plasmas argon, cesium pour conversion MHD/. 12 p1970 A67-25253
Effect of ionization saturation and duct shape on losses near walls /Effet de la saturation de l'ionisation et de la forme de la tuyere sur les pertes au voisinage des parois/. 16 p2711 A67-30536
- BERNARD, M.**
Diffusion plasma in the experiments Daphnis I and Daphnis II. 11 p1835 A67-24383
- BERNARD, P.**
Bistable logic delay circuit /Circuit logique bistable a retard/. 01 p0044 A67-10661
- BERNARD, R.**
New solutions to the major problems of high-vacuum enclosures, joints, seals, and degassing /Solutions nouvelles aux problemes majeurs des enceintes a ultra-vide, joints, fermeture, degazage/. 17 p2802 A67-32300
- BERNARD, W.**
Thermal design of steerable space antennas. 22 p3750 A67-40409
- BERNARD, Y.**
Characteristics of detonations in liquid mixtures of nitropropane II and nitric acid /Caracteristiques des detonations dans les melanges liquides de nitropropane II avec l'acide nitrique/. 04 p0726 A67-15495
- BERNARDI, P.**
Validity range of the impedance wall description for an actual microwave structure. 17 p2816 A67-32787
- BERNARDI, P. L.**
Remarks on the adhesion of thin metallic layers obtained by molecular evaporation under vacuum /Considerations sur l'adhesion des couches minces metalliques obtenues par evaporation sous vide moleculaire/. 09 p1503 A67-22100
- BERNAS, H.**
Destruction of superconducting metastable states by beta-irradiation. 17 p2912 A67-32270
- BERNBERG, R. E.**
Integrated cockpit research - A new look at the total aircraft system. 08 p1350 A67-20666
- BERNDT, S. B.**
The vorticity jump across a flow discontinuity. 04 p0600 A67-14456
- BERNE, A.**
Photocount distributions and field statistics. 05 p0815 A67-16624
- BERNER, I. U. S.**
A method of determining the probability of tracking interruption in radio range finding devices /radar/. 21 p3585 A67-38815
- BERNER, W. E.**
The dependence of the electrical characteristics of Ni-Cr thin films on evaporation parameters. 09 p1555 A67-22103
- BERNERT, R. E.**
A large experimental superconducting magnet for MHD power generation. 22 p3749 A67-40399
- BERNFELD, M.**
Radar Signals - An Introduction to Theory and Application. 24 p4122 A67-42425
- BERNHARD, F.**
COTIR wind weighting technique. 08 p1313 A67-20541
COTIR wind-weighting technique. 19 p3207 A67-34837
- BERNHARD, W.**
ESR of free-radical conversion in gamma-irradiated dihydrothymine. 14 p2259 A67-28300
- BERNHHEIM, A.**
Diffusion of protons and nuclei at 27 GeV/c /Diffusions protons-noyaux a 27 GeV/c/. 13 p2160 A67-26436
- BERNINI, U.**
Viscosity effects in the dynamic state for Newtonian and non-Newtonian liquids /Effets de viscosite en regime dynamique pour les liquides Newtoniens et non Newtoniens/. 02 p0240 A67-11521
- BERNOTAT, R.**
Anthropotechnique as a scientific discipline /Die Anthropotechnik als wissenschaftliche Disziplin/. 04 p0562 A67-14539
- BERNS, R. R.**
Determination of optimum nozzle contours for the expansion of dissociated gases by methods of the variational calculus. 02 p0305 A67-12353
- BERNSHTEIN, M. L.**
Improvement of the heat-resistant properties of molybdenum after polygonization treatment /Uлучshenie zharoprochnykh svoistv molibdena posle obrabotki na poligonizatsii/. 22 p3819 A67-39324
- BERNSTEIN, A.**
Compound-compressible nozzle flow. 23 p3927 A67-40603
- BERNSTEIN, A. B.**
Examination of certain terms appearing in Reynolds' equations under unsteady conditions and their implications for micrometeorology. 02 p0238 A67-12077
- BERNSTEIN, A. I.**
Effect on structures of rapidly changing environmental conditions - Launch to orbit to entry. [SAE PAPER 660680] 01 p0154 A67-10584
MISDAS - A mechanical impact system for advanced spacecraft. [AIAA PAPER 66-989] 02 p0333 A67-12300
MISDAS - A mechanical impact system design for Apollo-type spacecraft. [AIAA PAPER 66-989] 15 p2564 A67-29423
- BERNSTEIN, B.**
Time-dependent behavior of an incompressible elastic fluid - Some homogeneous deformation histories. 07 p1169 A67-19728
- BERNSTEIN, H. L.**
Helium-neon laser - Thermal high-resolution recording. 05 p0815 A67-16586
- BERNSTEIN, I. S.**
Some periodic solutions of elliptical and restricted four-body problems. [AAS PAPER 66-101] 07 p1252 A67-19963
- BERNSTEIN, R. B.**
Observation of the reactive asymmetry of methyl iodide - Crossed beam study of the reaction of rubidium with oriented methyl iodide molecules. 06 p0955 A67-17831
Potential-well characteristics from the energy dependence of the glory extrema in total elastic scattering cross sections. 09 p1535 A67-22028
Internal energy of reaction products by velocity analysis. III. 11 p1750 A67-24991
Calculated spectrum of quasibound states for H sub 2 /super 1 sigma sub g super plus/ and resonances in H plus H scattering. 18 p3084 A67-34523
Structural features of the S-matrix for the rotational excitation of homonuclear diatomic molecules by atom impact - Close-coupled versus approximate computations. 21 p3659 A67-38005
- BERNSTEIN, W.**
Technique for the generation of quasi-isotropic 1-10 Kev proton fluxes. 23 p4001 A67-41225
- BERNY, J.**
Image analysis by Fourier transformation into incoherent illumination /Analyse d'image par transformation de Fourier en eclairage incoherent/. 16 p2671 A67-30863
- BEROZA, P. P.**
R-F burst discharge from tuned circuits. 13 p2085 A67-27723
- BEROZASHVILI, I. U. N.**
The polarization of radiation from gallium arsenide diodes. 01 p0034 A67-10090
Some thermal effects in GaAs lasers. 10 p1666 A67-23568
Observation of electric "domains" in high-resistance GaAs with the aid of the electro-optic effect. 22 p3857 A67-39459
- BERRADA, M.**
Analysis of the alpha particle spectra of the reactions d plus super 7 Li equals n plus 2 alpha and super 6 Li plus t equals n plus 2 alpha /Analyse des spectres des particules alpha des reactions d plus super 7 Li equals n plus 2 alpha et super 6 Li plus t equals n plus 2 alpha/. 13 p2159 A67-26435
- BERRIER, D. J.**
A systematic approach to determining

- aircraft aerospace ground equipment.
[SAE PAPER 660700] 01 p0049 A67-10594
- BERRY, B. M.
Epitaxy. 18 p3097 A67-33456
- BERRY, C. A.
Man's response to a new environment
including weightlessness - Gemini biomedical
results. 01 p0016 A67-11394
Physiological monitoring. 04 p0563 A67-14625
[AIAA PAPER 66-928]
Vestibular experiments in Gemini flights
V and VII. 13 p2062 A67-26920
The medical legacy of
gemini. 19 p3177 A67-35208
Red blood cell mass and plasma volume
changes in manned
flight. 20 p3372 A67-37429
Space medicine in perspective - A critical
review of the manned space
program. 23 p3945 A67-41067
- BERRY, C. J.
Low pressure measurement with
thermistors. 06 p1000 A67-17618
Boundary-layer interaction effects in low-
density supersonic flow. 14 p2241 A67-28170
- BERRY, CH. A.
Man's response to a new environment
including weightlessness - Gemini biomedical
results. 22 p3752 A67-40534
- BERRY, G. C.
Thermodynamic and conformational
properties of polystyrene. II. 10 p1602 A67-23384
- BERRY, J.
An improved high-counting-rate balloon-
borne particle detector. 04 p0621 A67-14899
- BERRY, T. F.
A study of the strain-age cracking
characteristics in welded Rene 41 - Phase
I. 20 p3471 A67-37698
- BERRY, W. B.
Population inversion in heterojunction
structures. 05 p0825 A67-17097
- BERS, A.
Further generalization of waveguide
theorems. 09 p1464 A67-22091
Microwave emission from n-type indium
antimonide at 4.2 and 77 deg
K. 22 p3864 A67-40345
- BERSHADER, D.
Thermal equilibrium behind an ionizing
shock. 04 p0601 A67-14458
Radiative behaviour of a shock-heated
argon plasma flow. 15 p2527 A67-29563
A unified treatment of the relaxation
phenomenon in radiating argon plasma
flows. 19 p3298 A67-35745
- BERSHTEIN, I. L.
Fluctuations in the radiation intensity and
frequency of a laser /Fluktuatsii
intensivnosti i chastoty izlucheniia
opticheskogo generatora/. 22 p3815 A67-39738
- BERSHTEIN, P. IA.
Torsion waves in an anisotropic
inhomogeneous cylindrical
rod. 13 p2218 A67-26902
- BERT, C. W.
Effect of variation in Poisson's ratio on
plastic tensile instability.
[ASME PAPER 66-WA/MET-15] 04 p0712 A67-15378
Unsymmetric free vibrations of
orthotropic sandwich shells of
revolution. 08 p1417 A67-20555
Fabrication and full-scale structural
evaluation of glass-fabric reinforced plastic
shells. 10 p1727 A67-23732
Damping in sandwich beams with shear-
flexible cores.
[ASME PAPER 67-VIBR-11] 11 p1872 A67-24171
Design considerations in material selection
for rocket-motor cases.
[AIAA PAPER 66-630] 15 p2573 A67-29418
- BERTAUD, CH.
Cosmic X rays /Rayons X
cosmiques/. 11 p1857 A67-24633
- BERTAUX, D.
Pattern recognition - Problems, methods,
and results /La reconnaissance des formes -
Problemes, methodes et
resultats/. 18 p3006 A67-34383
- BERTEAUD, A.-J.
Transient growth of magnetostatic modes
in longitudinal pumping in a sample of
yttrium garnet /Croissance transitoire des
modes magnetostatiques en pompage
longitudinal dans un echantillon de grenat
d'yttrium/. 16 p2732 A67-31704
Stationary spin waves in ferromagnetic
thin films /Les ondes de spin stationnaires
dans les couches minces
ferromagnetiques/. 20 p3507 A67-36318
- BERTETTI, D. D.
Equivalent circuits estimate damage from
nuclear radiation. 24 p4132 A67-42702
- BERTH, M.
Image analyzer tube for IR /Tube
analyseur d'images pour
l'infrarouge/. 07 p1189 A67-20158
- BERTHELIER, J. J.
Simultaneous measurements of electron
density and temperature in the northern
auroral zone. 19 p3222 A67-35455
- BERTHET, C.
Distant atmospheric propagation of high-
power acoustic signals /Propagation
atmospherique lointaine de signaux
acoustiques puissants/. 22 p3790 A67-39645
- BERTHIER, D.
Device for automatic calculation of
correlation functions for acoustic signals
/Dispositif de calcul automatique de
fonctions de correlation pour signaux
acoustiques/. 04 p0620 A67-14890
- BERTHOLF, L. D.
Numerical solution for two-dimensional
elastic wave propagation in finite bars.
[ASME PAPER 67-APM-22] 17 p2964 A67-33151
- BERTHOMIEU, G.
Charged-particle acceleration by a random
electromagnetic field /Acceleration de
particules chargees par un champ
electromagnetique
aleatoire/. 06 p1040 A67-18102
Transverse diffusion of a particle by an
assembly of random Alfvén waves /Diffusion
transverse d'une particule par un ensemble
d'ondes d'Alfvén
aleatoires/. 11 p1840 A67-24753
- BERTHOUMIEU, H.-P.
Low-frequency wave analyzer with variable
selectivity and constant gain /Analyseur
d'onde basse frequence a selectivite variable
et a gain constant/. 21 p3587 A67-39125
- BERTIN, F.
Geographical distribution of total electron
content dependence on geomagnetic activity.
[RASSA PAPER 1-10-125] 03 p0416 A67-14236
Lunar influence on the total electron
content of the winter ionosphere, at the
minimum of solar activity /Influence lunaire
sur le contenu total d'electrons de
l'ionosphere hivernale, au minimum de
l'activite solaire/. 11 p1788 A67-24771
- BERTIN, M.
Study of the continuous portion of the
spectrum of lightning in the near IR /Etude
de la partie continue du spectre des eclairs
dans le proche
infrarouge/. 11 p1816 A67-24755
- BERTINI, H. W.
Secondary particle spectra from the
interaction of 30- to 340-Mev protons on
complex nuclei - Experimental data and
comparison with theory. 24 p4192 A67-42731
- BERTINOV, A. I.
Shaping of linear channels in braking
weakly ionized gas by a transverse magnetic
field /Profilirovanie liniinykh kanalov pri
tormozhenii slabionizirovannogo gaza
poperechnym magnitnym
polem/. 01 p0119 A67-10173
Conical magnetohydrodynamic flow with a
Hall effect in an axial magnetic field
/Konusnoe magnitogazodinamicheskoe
techenie s effektom Kholla v aksial'nom
magnitnom pole/. 04 p0669 A67-15515
Approximate allowance for the variation in
the electrical conductivity of the gas in
vortical magneto-gas-dynamic
flow. 09 p1544 A67-21860
Channel profiles for producing vortex
flows in weakly ionized gases in transverse
magnetic fields. 12 p1977 A67-26078
Consideration of the magnetic Reynolds
number in one-dimensional MHD flows /K
voprosu ucheta magnitnogo chisla Reinal'dsa
v odnomernykh magnitogidrodinamicheskikh
techeniakh/. 13 p2169 A67-27311
Some problems relating to the design of
three-phase helical electromagnetic
pumps. 16 p2809 A67-31584
Magnetic systems of vortex
magnetogasdynamics
generators. 16 p2809 A67-31585
Influence of the magnetic Reynolds
number on the characteristics of a linear
MHD flow with variable parameters /Vliianie
magnitnogo chisla Reinal'dsa na
kharakteristiki lineinogo
magnitogidrodinamicheskogo techeniia s
peremennymi
parametrami/. 23 p4033 A67-41284
- BERTMAN, B.
Hysteresis in superconductors. I. 19 p3302 A67-35036
- BERTODO, R.
Piezo-resistive strain gauges and their
application to the measurement of
compressor blade vibratory
stresses. 12 p2014 A67-25416
The measurement of steady strains in
engine parts. 18 p3143 A67-33900
- BERTOLINI, E.
Relaxation phenomena in MPD
generators. 09 p1443 A67-21811
The CNEN helium-caesium blow-down
MPD facility and experiments with a
prototype duct. 16 p2653 A67-30549
- BERTOLOTI, M.
Coherence and statistical properties of a
two-mode laser beam. 02 p0254 A67-12634
On the linewidth of electromagnetic
radiation in equilibrium with an optical
cavity. 14 p2329 A67-27952
Evidence for damage regions in Si, GaAs,
and InSb semiconductors bombarded with
high-energy neutrons. 17 p2922 A67-33060
Photostatistics of an N-mode laser
field. 21 p3642 A67-39117
Laser damage on semiconductor
surfaces. 23 p4045 A67-41470
- BERTONI, H. L.
Ray optics for radiation problems in
anisotropic regions with boundaries. II. 20 p3388 A67-37703
- BERTRAM, M. H.
Effect of two-dimensional multiple-wave
distortions on the heat transfer to a wall in
hypersonic flow. 06 p1115 A67-18294
[AIAA PAPER 67-164]
Heat transfer to wavy wall in hypersonic
flow. 21 p3732 A67-38855
[AIAA PAPER 67-164]
- BERTRAND, F. E.
Distorted-wave analysis of inelastic
scattering of 61.7 Mev protons from super 60
Ni. 17 p2888 A67-32733
- BERTRAND, J.-R.
Comments on operative satellites
/Considerations sur les satellites
d'application/. 06 p1093 A67-17555
Survey of European capabilities for
scientific study, using rocket probes, of the
near-earth and space environments
/Panorama des moyens Europeens pour
l'etude scientifique, a l'aide de fusees-
sondes, de l'environnement terrestre proche
et de l'espace/. 21 p3714 A67-39049
- BERTULIS, K. P.
Dielectric properties of thin films of
praseodymium, cerium, and neodymium
fluorides /O dielektricheskikh svoistvakh
tonkikh plenok floristogo prazeodima, tserila
i neodima/. 08 p3170 A67-20995
- BERTY, M.
Measuring the temperature of a plasma jet
/Mesure de la temperature d'un jet de
plasma/. 01 p0124 A67-10773
- BERZ, F.
Low frequency noise in MOS field effect
transistors. 19 p3198 A67-36044
- BERZING, E. G.
Radiation kinetics of a laser with a lens
system and a low-absorption nonlinear
medium in the resonator. 17 p2868 A67-32663
- BESCH, E. L.
Hematological criteria of chronic
acceleration stress and
adaptation. 23 p3953 A67-41587
- BESSEKERSKII, V. A.
Theory of automatic control systems
/Teoriia sistem avtomaticheskogo
regulirovaniia/. 03 p0390 A67-13108
Designing nonstationary automatic control
systems by the "frozen" reaction
method. 20 p3410 A67-37235
- BESIERIS, I. M.
Time-dependent Green's function for
electromagnetic radiation in a conducting
moving medium - Nonrelativistic
approximation. 15 p2521 A67-29194
- BESPALOV, V. I.
Doubling of the frequency of light in a
nonlinear medium with random
nonuniformities /Udvoenie chastoty sveta v
nelineinoy srede so sluchainymi
neodnorodnostiami/. 05 p0782 A67-16348
Periodically modulated emission and the
possibility of generating "giant" pulses in a
three-level laser using nonuniformly excited

- active medium. 05 p0826 A67-17233
- BESSE, A. L.**
Interferometer for shock tube. 02 p0247 A67-12688
Improved driver chamber for arc driven shock tube. 14 p2293 A67-28749
- BESSHAPOSHNIKOV, A. A.**
Observation of the curvature distortion in spectral lines of a high-frequency pulsed plasma. 08 p1358 A67-20854
- BESSHO, T.**
Analysis of Esaki-diode composite circuit. 10 p1609 A67-22837
Memory-cell circuit using two Esaki diodes. 20 p3397 A67-36769
- BESSLING, H.**
Study of permissible ripples in the acceleration potential of electrostatic engines /Untersuchungen ueber die zulaessige Welligkeit von Beschleunigungs spannungen bei elektrostatischen Antrieben/. 02 p0306 A67-12790
Diagnostic studies of ion sources at the DFL /Diagnostische Arbeiten ueber Ionenquellen bei der DFL/. 03 p0504 A67-13494
- BESSON, J.**
Semiconductor lasers and fast detectors in the infrared /3 to 15 microns/. 05 p0821 A67-16668
Synchronization of measurement bases by transporting an atomic clock /Synchronisation de bases de mesures par transport d'une horloge atomique/. 23 p3997 A67-40573
- BESSON, J. M.**
Spectrometry by variable-wavelength lasers /Spectrometrie par lasers de longueur d'onde variable/. 20 p3439 A67-36354
- BESSONOV, A. G.**
Steady temperature field of a finite coated cylinder /Ustanovivsheesia temperaturnoe pole konechnogo tsilindra v kozhukhe/. 13 p2224 A67-27057
- BESSONOV, V. G.**
Use of multipoint excitation of electrodynamic analogs /O primenenii mnogotochechnogo vozbuzhdeniia elektrodinamicheskikh analogov/. 06 p1109 A67-18667
- BESSONOV, V. I.**
Computing the gain of a parametric travelling wave amplifier by the coupled wave method. 24 p4130 A67-42241
- BEST, G. T.**
Fabry-Perot interferometers with electronic determination of Doppler line widths. 07 p1185 A67-19399
Observations of upper atmospheric winds, electron density, electron temperature, and neutral temperature in the auroral region. 19 p3214 A67-35169
- BESTER, A.**
The Life and Death of a Satellite. 24 p4258 A67-42752
- BESTER, M. H.**
Effective visual criteria for welded interconnections. 21 p3636 A67-38631
- BESTERDA, H.**
Flying target detection and tracking with fixed antennas. I /Flugzielerfassung und-verfolgung mit feststehenden antennen. I/. 02 p0205 A67-12730
Target detection and tracking by stationary antennas /Flugzielerfassung und -Verfolgung mit feststehenden Antennen/. 04 p0654 A67-15538
Mobile target-tracking antenna with a high-efficiency primary feed system /Mobile Zielvermessungsantenne mit leistungsaehligem Erregersystem/. 22 p3760 A67-39592
- BESTUZHEV, A. S.**
Second virial coefficient for interactions of atoms having unfilled electron shells /Vtoroi virl'nyi koefitsient dlia vzaimodeistvii atomov s nezapolnennymi elektronnyimi obolochkami/. 07 p1225 A67-19122
- BETCHOV, R.**
Introduction to the Kraichnan theory of turbulence. 11 p1780 A67-24539
Stability of parallel flows. 22 p3783 A67-39632
- BETEROV, I. M.**
Cross sections of inelastic processes in the helium-neon laser. 01 p0090 A67-10511
- BETES, A. G.**
Analysis of long-distance air navigation aids /Analisis de las ayudas a la navegacion aerea a larga distancia/. 16 p2701 A67-31248

- BETEV, B.**
Temperature effect of the cosmic-ray neutron component /Temperaturnyi effekt neitronnoi komponenty kosmicheskogo izlucheniia/. 17 p2936 A67-32381
Zenithal angular distribution of nuclear-active charged particles of mean energies above 60 Gev /Zenitnoe uglovoe raspredelenie zarizhennykh laderno-aktivnykh chastits so srednimi energiami vyshe 60 Gev/. 24 p4217 A67-42831
- BETH, M.-U.**
Spectroscopic investigation of an argon plasma with self-absorption. [DVL-625] 19 p3278 A67-35135
- BETHEL, H. E.**
On the method of integral relations. 10 p1626 A67-23142
- BETHGE, H.**
Epitaxial conditions of evaporation-deposited Ag films /Ueber die Bedingungen der Epitaxe von Ag-Aufdampfschichten auf NaCl-Kristallen/. 02 p0286 A67-11710
The dislocation-nucleated cleavage pattern of ionic crystals. 18 p3097 A67-33482
- BETHUNE, A. W.**
High-efficiency materials. 22 p3823 A67-40332
- BETIAEV, S. K.**
Inviscid flow past an axisymmetric ducted body in conditions characterized by an annular elliptical region /O neviazkom obtekanii osesimmetrichnogo tela s protokom v rezhlime s kol'tsevoi ellipticheskoi oblast'iu/. 10 p1591 A67-23045
Penetration of a plate into a half-plane of a supersonic flow /O pronikanii plastinki v poluploskost' sverkhzvukovogo potoka/. 14 p2239 A67-27982
- BETREMIEUX, A.**
Method of measurement of thermal wall heat flows by heat sensitive paints /Methode de mesures des flux thermiques parietaux par peintures thermosensibles/. [ONERA-TP-470] 18 p3020 A67-34463
- BETSKII, O. V.**
Increasing the gain of M-type microwave amplifiers. 22 p3770 A67-39654
- BETTERIDGE, W. S.**
Securing blades in turbine rotors and casings. 05 p0811 A67-18841
- BETTINGER, R. T.**
Wing-slope techniques for the analysis of Langmuir-probe characteristics in a low-density plasma. 17 p2906 A67-33054
Optical radar detection of backscattering from the upper atmosphere. 22 p3759 A67-39558
- BETTLE, J. F.**
The establishment of the Experimental Inter-American Meteorological Rocket Network /EXAMETNET/. 08 p1350 A67-20549
- BETTWY, D. S.**
Developing low cost, accurate mechanical timers. [ASME PAPER 67-DE-39] 14 p2321 A67-28877
- BETTWY, T. S.**
Monte Carlo performance analysis of lunar rendezvous guidance. 22 p3832 A67-39965
- BETYAR, L.**
A user-oriented time-shared online system. 17 p2821 A67-32865
- BETZ, A.**
Introduction to the theory of flow machines. 08 p1321 A67-20758
- BETZ, H. T.**
Applications of the prism Fabry-Perot in solar physics and airglow. 20 p3440 A67-36360
- BEUERMANN, K.-P.**
Experimental investigation of electron-photon cascades in lead scintillator devices for primary energies between 100 and 440 Mev /Experimentelle Untersuchung von Elektronen-Photonen-Kaskaden in Blei-Szintillator-Anordnungen fuer Primaerenergien zwischen 100 und 440 Mev/. 24 p4191 A67-42439
- BEUF, F. G.**
System design of an automated laboratory and associated entry vehicle for unmanned Martian exploration. 16 p2653 A67-30628
Techniques and guidelines for design of Martian Entry/Landers. 16 p2756 A67-30629
- BEUHLER, R. J., JR.**
Observation of the reactive asymmetry of methyl iodide - Crossed beam study of the reaction of rubidium with oriented methyl iodide molecules. 06 p0955 A67-17831
- BEUSSE, H.**
Stage separation experiments in a vacuum test chamber - Second and third stages of

- ELDO A /Versuche zur Stufentrennung in einer evakuierten Pruefkammer - II und III. Stufe ELDO A/. 04 p0595 A67-14540
Stage-separation tests in an evacuated test chamber /second and third stages of the ELDO A /Versuche zur stufentrennung in einer evakuierten pruefkammer /II. und III. stufe ELDO A/. 20 p3413 A67-36413
- BEUTLER, F. J.**
The theory of stationary point processes. 04 p0643 A67-14521
- BEVC, V.**
Behavior of separation constants for finite gyrotropic plasmas. 03 p0371 A67-13887
Evaporation of a droplet in free molecular flow. 19 p3211 A67-35762
- BEVER, M. B.**
Effects of irradiation with protons on the electrical properties of Bi sub 2 Te sub 3. 02 p0298 A67-11882
Defects in the compound Bi sub 2 Te sub 3 caused by irradiation with protons. 17 p2921 A67-33050
- BEVERIDGE, J. H.**
NPSP selection for a nuclear rocket. [AIAA PAPER 67-476] 18 p3075 A67-33946
Status of nuclear propulsion for space flight. 22 p3834 A67-40172
- BEVIERRE, P.**
Method for determining the basic shape of a slender wing adapted to a circular fuselage /Methode de calcul de la forme du squelette d'une aile elancee adaptee a un fuselage de section circulaire/. [ONERA-TP-425] 05 p0748 A67-16762
- BEW, G.**
Low frequency noise in MOS field effect transistors. 19 p3198 A67-36044
- BEWERSDORFF, A.**
Energy variations of auroral electrons according to balloon measurements. 10 p1702 A67-23305
Observations of large-scale coherent pulsating electron precipitation events in the auroral zone, accompanied by geomagnetic continuous pulsations. [AFOSR-67-1314] 12 p1931 A67-25112
Some properties of the slowly varying ionospheric absorption events in the auroral zone. 17 p2845 A67-32794
- BEYEN, W. J.**
Cooling requirements for intrinsic photoconductive infrared detectors. 06 p1005 A67-18713
Birefringent beam splitting for holography. 17 p2864 A67-33359
- BEYER, J. B.**
Modes of a gyro-plasma filled beam waveguide. 02 p0213 A67-11619
- BEYER, M.**
Physical observations of comets. XV /Physische Beobachtungen von Kometen. XV/. 05 p0903 A67-17314
- BEYER, R.**
Electronic displays in flight instrumentation /Elektronische Anzeigen in der Fluginstrumentierung/. 06 p1000 A67-17598
- BEYERLE, F. J.**
The manufacture of typical, biologically clean, planetary landing spacecraft to be sterilized. 02 p0188 A67-12380
- BEYERS, N. J.**
Comparison of rocketsonde and radiosonde temperatures and an evaluation of computed rocketsonde pressure and density. 14 p2347 A67-28885
Upper atmosphere pressure measurements with thermal conductivity gages. 22 p3829 A67-40470
- BEYNON, J. C.**
Present status of colloid microthruster technology. [AIAA PAPER 67-531] 22 p3867 A67-39200
- BEYNON, W. J. G.**
Rocket electron density perturbations in the ionosphere. 14 p2313 A67-28622
The scintillation of radio signals from the Discoverer 36 satellite. [AGARDOGRAPH 95] 15 p2483 A67-30293
Horizontal movements in the lower E-and D-regions. 22 p3788 A67-39467
- BEZDOMNIKOV, V. S.**
Question of evaluation of the interval of applicability in Chaplygin's theorem /K voprosu ob otsenke promezhutka primenimosti teoremy Chaplygina/. 03 p0456 A67-13112
- BEZMENOV, V. M.**
Minimum time of an Earth-Mars-Earth flight with an uncontrolled low-thrust engine

- /Minimal'noe vremia pereleta Zemlia-Mars. Zemlia s nereguliruemym dvigatelem maloi tiagl/. 17 p2941 A67-32240
- BEZRUK, L. I.**
Effect of loading rates on polymer wear /Vliianie skorostei nagruzheniya na iznos polimerov/. 07 p1211 A67-19170
- BEZRUKIKH, V. V.**
Signs of the moon's intersection of the tail of the earth's magnetosphere according to data from charged-particle traps in the first artificial satellite of the moon /Priznaki peresecheniya lunoi khvosta magnitosfery zemli po dannym lovushek zarlzhennykh chastits na pervom iskusstvennom sputnike luny/. 01 p0145 A67-10908
Results of experiments on the first artificial satellite of the moon, aimed at detecting a lunar ionosphere /Rezultaty eksperimentov po obnaruzheniu lunnoi ionosfery, provedennykh na pervom iskusstvennom sputnike luny/. 03 p0513 A67-14066
Results of an experimental study of plasma in circumlunar space with the aid of charged particle traps of the first artificial lunar satellite /Rezultaty eksperimentov po izucheniu plazmy v okololunnom prostranstve s pomoshch'yu lovushek zarlzhennykh chastits na pervom iskusstvennom sputnike luny/. 05 p0875 A67-16054
Some results of measurements carried out by means of charged particle traps on the Electron 2 satellite. 12 p1998 A67-25817
Preliminary results of measurements carried out by means of charged particle traps on the interplanetary station Zond 2. 12 p1998 A67-25818
Method of determining the ion temperature from variations in the current of an ion trap caused by the rotation of the satellite and an estimate of the upper limit of the ion temperature at altitudes approximately less than 10,000 km according to Elektron 2 data /Sposob opredeleniya ionnoi temperatury po izmeneniyam toka ionnoi lovushki, vyzvannym vrashcheniem sputnika, i otsenka verkhnego predela ionnoi temperatury na vysotakh priblizhennost' less than 10,000 km po dannym "Elektrona-2"/. 13 p2115 A67-27330
Observations of the solar wind with the aid of the Venus 3 interplanetary station /Nabludeniya solnechnogo vetra s pomoshch'yu mezplanetnoi stantsii "Venera-3"/. 13 p2194 A67-27331
Comparison of certain results of simultaneous measurements of the characteristics of the solar wind on the Venus 3 and Pioneer 6 space vehicles /Sopostavleniye nekotorykh rezul'tatov odnovremennykh izmerenii kharakteristik solnechnogo vetra na kosmicheskikh apparatakh "Venera-3" i "Pioner-6"/. 13 p2195 A67-27343
Study of plasma in the neighborhood of the moon using charged-particle traps on the first lunar artificial satellite. 21 p3697 A67-37841
- BEZUGLYI, P. A.**
Measurement of the anisotropy of the energy gap in superconducting indium by ultrasonic techniques /Izmerenie anizotropii energeticheskoi shcheli v sverkhprovodiaschem indii ul'trazvukovym metodom/. 14 p2375 A67-29070
- BEZUS, V. A.**
Investigation of high-energy muons by means of a complex installation /Issledovanie mionov vysokikh energii s pomoshch'yu kompleksnoi ustanovki/. 02 p0317 A67-12770
Investigation of high-energy muons by means of a complex installation. 22 p3877 A67-40272
- BEZVIKONNYI, A. A.**
Nomograms for the analysis and synthesis of astatic automatic control systems /Nomogrammy dlia analiza i sinteza astaticheskikh sistem avtomaticheskogo upravleniya/. 10 p1621 A67-23851
- SHALLA, C. P.**
Internal conversion coefficients for magnetic multipoles for Z equals 59. 01 p0116 A67-10203
Internal conversion coefficients for M4 transition in Te. 03 p0472 A67-13335
- BHANDARI, C. M.**
Scattering of magnons and phonons in the thermal conductivity of yttrium iron garnet. 05 p0869 A67-17191
- BHANDARI, R. G.**
Large deflections of columns of variable flexural rigidity. 17 p2963 A67-33020
- BHARGAVA, B. N.**
A proton precession magnetometer. 05 p0807 A67-18712
Geomagnetic effects associated with active solar regions. 13 p2109 A67-26418
The remarkable sudden commencement of November 13, 1960 in the low and middle latitude magnetograms. 20 p3517 A67-36284
- BHARGAVA, R. D.**
Second order elastic effects in an infinite, isotropic compressible medium with an elliptic hole subjected to a uniform tangential force at the boundary. 07 p1263 A67-19729
Finite circular-cylindrical inclusion in concentric shells. 16 p2766 A67-31099
- BHARTENDU**
Seasonal behaviour of atmospheric pressure oscillations. 11 p1816 A67-24840
- BHASKARA RAO, A.**
A study of asymmetry in the lateral distribution of shower particles near sea level. 01 p0145 A67-11230
- BHATIA, A. B.**
Ultrasonic absorption. 12 p1967 A67-26157
- BHATIA, N. P.**
Some oscillation theorems for second order differential equations. 01 p0105 A67-10522
- BHATIA, P. K.**
Gravitational instability of a rotating anisotropic plasma. 22 p3848 A67-39694
- BHATIA, V. B.**
Corotation and solar wind in the solar corona and interplanetary medium. 08 p1399 A67-21239
- BHATNAGAR, A.**
Variation in continuum brightness and equivalent widths of lines in sunspot penumbrae. 02 p0330 A67-12715
- BHATNAGAR, K. L.**
Effect of ion sheath on radiation in a magnetotonic medium. II. 08 p1357 A67-20715
Guided waves on an infinite cylindrical cavity in a magneto-ionic medium. I. 20 p3383 A67-37107
Guided waves on an infinite cylindrical cavity in a magneto-ionic medium. II. 20 p3383 A67-37108
- BHATNAGAR, P. L.**
Laminar flow of an elastico-viscous fluid between two parallel walls with heat transfer. 01 p0053 A67-10802
Magnetohydrodynamics. 03 p0479 A67-13723
General discussion of equations of magnetohydrodynamics. 03 p0480 A67-13724
Non-linear waves. 03 p0480 A67-13726
Kinetic equations of plasma. 03 p0481 A67-13735
Two-stream instability in plasma. 23 p4034 A67-41450
- BHATNAGAR, R. K.**
Heat transfer in a steady flow of a non-Newtonian fluid between two wavy walls situated symmetrically about a mid-plane. 18 p3161 A67-34616
- BHATTACHARJEE, B.**
Breakdown of a radiofrequency discharge in a super-imposed D.C. field. 17 p2902 A67-32672
- BHATTACHARYYA, A. K.**
Third-order feedback control systems - Their sign patterns and controllability. 06 p0978 A67-18721
- BHATTACHARYYA, J. C.**
A telemetering current weather instrument system for use at airports. 10 p1656 A67-23087
- BHAUMIK, M. L.**
Physics of Raman lasers. 12 p1953 A67-26124
- BHAVNANI, K. H.**
Optimization of time-dependent systems by dynamic programming. 15 p2440 A67-30157
- BHAVSAR, P. D.**
Study of the neutral upper atmosphere winds near the equator. 12 p1934 A67-25790
A study of the aurorae, X rays, ionosphere and related phenomena from subauroral zone stations. 12 p1937 A67-25834
- BHAWALKAR, D. D.**
Propagation of Gaussian beams in anisotropic media. 24 p4167 A67-42092
- BHUSHAN, M.**
Grounding of capacitors in integrated circuits. 13 p2078 A67-26783
- BHUTA, P. G.**
Dynamics of a cryogenic liquid in an electric field. 13 p2106 A67-27642
Systems for environments in space at cryogenic temperatures. 13 p2227 A67-27645
- BHUTANI, O.**
Theory of thin air-foils in radiation gas dynamics. 17 p2791 A67-32556
- BIALER, M.**
New memories for Air Force systems. 17 p2819 A67-32473
- BIANCHINI, G. V.**
T63 engine sand and dust tolerance development and field experience. [SAE PAPER 670334] 12 p1990 A67-25875
- BIAO, M.-D.**
Nonlinear parabolic equations. 03 p0461 A67-14105
- BIARD, J. R.**
Degradation of quantum efficiency in gallium arsenide light emitters. 10 p1615 A67-23525
A model of the avalanche photodiode. 15 p2452 A67-30014
- BIARD, L.**
Retinal angiomas and aircrew fitness /Angiomatose retinienne et aptitude au personnel navigant/. 23 p3945 A67-41071
- BIASI, L.**
Influence of charge distribution on non-equilibrium ionization of solid particles. 07 p1227 A67-20258
- BIASINI, J.**
The ablation of solid fuels used in hybrid rockets /Ablation de combustibles solides utilises dans les fusees hybrides/. 08 p1373 A67-20804
Visualization of combustion in hybrid rockets. [ONERA-TP-474] 14 p2377 A67-27895
- BIBERMAN, L. M.**
Energy exchange between electron and molecular gases /Ob obmene energiei mezhdu elektronnyim i molekulyarnym gazom/. 01 p0118 A67-10044
Reticles in electro-optical devices. 08 p1353 A67-20757
Continuous spectra of atomic gases and plasma /Neprieryvnye spektry atomnykh gazov i plazmy/. 10 p1682 A67-23067
Energy exchange between electron and molecular gases /Ob obmene energiei mezhdu elektronnyim i molekulyarnym gazom/. 16 p2710 A67-30521
Low-temperature nonequilibrium plasma /Neravnovesnaya nizkoterperaturalnaya plazma/. 16 p2720 A67-31386
Radiation transport in spectral lines /Perenos izlucheniya v spektral'nykh liniakh/. 17 p2893 A67-32143
Exchange of energy between electron and molecular gas. 17 p2890 A67-33322
On the theory of ionizational relaxation behind shock waves. 19 p3293 A67-35403
- BIBILASHVILI, M. F.**
Investigation of the properties of muons at a depth of 200 mwe by means of a spark calorimeter /Issledovanie iskrovym kalorimetrom svoistv mu-mezonov na glubine 200 m v.e./. 24 p2422 A67-42879
- BICHENKOV, E. I.**
Explosion-type generators /Vzryvnye generatory/. 18 p2987 A67-33628
- BICKART, T. A.**
The exponential describing function in the analysis of nonlinear systems. 01 p0047 A67-11211
- BICKEL, J. E.**
VLF attenuation rates deduced from aircraft observations near the antipode of NPM. 16 p2631 A67-31854
- BICKEL, W. S.**
Acoustical plasma wave in a hollow cathode discharge. 02 p0273 A67-11899
The spectroscopic properties of the ionic beam source. 19 p3231 A67-35682
Mean lives of some excited states in multiply ionized oxygen and neon. 23 p4029 A67-40955
Interference of fine-structure levels of He II. 23 p4029 A67-40956
- BICKELHAUPT, M. H., JR.**
Application of the Sunde model to an Air Force Tropo transmission test. 02 p0202 A67-12129
- BICKERTON, R. J.**
Neutral injection into closed line magnetic traps. 10 p1686 A67-23466
- BICKFORD, W. B.**
End effect in semi-infinite transversely isotropic cylinders. 17 p2962 A67-33014

- BICKMORE, R. W.**
Time versus space in antenna theory. 07 p1152 A67-19548
- BICKNELL, J. L.**
Sheaves - A growth contaminant in hydrocarbon systems. 17 p2801 A67-31991
- BICKNELL, W. E.**
0 to 3 GHz traveling-wave electrooptic modulator. 09 p1471 A67-21644
- BIDARD, R.**
MHD generator functioning by emulsion /Générateur magnétohydrodynamique fonctionnant par émulsion/. 16 p2606 A67-30588
Thermodynamics of internal combustion machines operating at very high temperatures /Sur la thermodynamique des machines à combustion interne à très haute température/. 18 p3115 A67-34120
Two-phase magnetohydrodynamics /Magnétohydrodynamique à deux phases/. 19 p3268 A67-35063
- BIDDINGER, R. E.**
Training in the space environment. 23 p3960 A67-40594
- BIDGOOD, R. E.**
The design and construction of a pure fluid four bit binary comparator. 08 p1283 A67-20474
- BIDWELL, J. M.**
Additional data on hot days at Vandenberg air force base. 13 p2152 A67-26845
An objective wind criterion for structural design of launch vehicles. 21 p3712 A67-37813
- BIDWELL, L. R.**
The activity of copper in solid copper-platinum alloys and some observations on the ordering of Cu sub 3 Pt. 17 p2872 A67-32739
- BIEBER, C. G.**
Theoretical strength with iron-nickel maraging steels. 12 p1957 A67-26125
- BIEBER, R. E.**
Relative influence of atmospheric properties on launch vehicle design. [AIAA PAPER 66-341] 07 p1257 A67-19372
Synthesis of structural damping. 10 p1727 A67-23751
- BIEBER, V. E.**
Designing strike aircraft. 15 p2418 A67-29396
- BIED-CHARRETON, PH.**
The SIMAC - Its use with a photographic plate or an electronic camera /Le SIMAC - Utilisation avec une plaque photographique ou une caméra électronique/. 20 p3439 A67-36350
- BIEDERMANN, E.**
Nucleation of epitaxial SiC on Si surfaces. 02 p0299 A67-11894
- BIEHL, F. A.**
Mechanical impedance approach to engine vibration transmission into an aircraft fuselage. [SAE PAPER 670873] 24 p4248 A67-42010
- BIELEWICZ, E.**
Geometrically nonlinear theory of viscoelastic shells /O geometrycznie nieliniowej teorii powłok lepkosprężystych/. 10 p1717 A67-22943
Linear theory of viscoelastic shells /W sprawie liniowej teorii powłok lepkosprężystych/. 19 p3340 A67-35508
- BIELKOWICZ, P.**
Ground tracks of earth-period /24-hr/ satellites. 04 p0704 A67-14826
- BIELLE, J.**
Effect of nuclear radiation on the switching time of fast diodes /Effet des irradiations nucléaires sur le temps de commutation des diodes rapides/. 01 p0066 A67-10655
Effect of the composition of silicon crystals on the reaction of solar cells to radiation /Influence de la composition de cristaux de silicium sur la tenue aux rayonnements des cellules solaires/. 12 p1896 A67-25150
Behavior of p-n junction devices irradiated by 4-Mev electrons /Comportement de dispositifs à jonction p-n irradiés par des électrons de 4 Mev/. 19 p3306 A67-35670
Behavior of silicon solar cells bombarded by 4-Mev electrons /Comportement de cellules solaires au silicium irradiées par des électrons de 4 Mev/. 21 p3571 A67-38648
- BIELSKI, A.**
Temperature dependence of spectral lines intensity emitted by thermal plasma. 01 p0124 A67-10867
- BIENERT, M.**
Structures and stereochemistry of clivonine and clivimine. 09 p1458 A67-22059
- BIENERT, W. B.**
An experimental program to evaluate the feasibility of jet compressors for closed Brayton cycle MPD systems. 16 p2604 A67-30568
- BIENKOWSKI, G.**
Uniformly valid asymptotic theory of collisionless electrostatic probes. 13 p2118 A67-26298
- BIENKOWSKI, G. K.**
Electrostatic sheath in a weakly ionized gas. 11 p1825 A67-23868
An asymptotic theory for steady source expansion of a binary gas mixture. 13 p2104 A67-26984
- BIER, R. J.**
Development of a computer-based onboard checkout system simulator utilizing an alpha-numeric display. [AIAA PAPER 67-951] 24 p4127 A67-43035
- BIERMANN, L.**
The interaction of the solar wind with a comet. 12 p1993 A67-25227
- BIERMANN, L. F. B.**
The interplanetary medium and solar planetary relations. 07 p1248 A67-19333
- BIERNACKI, J.**
Adjustment of a gas laser system /Ustawienie układu optycznego lasera gazowego/. 12 p1952 A67-25364
- BIERNSON, G.**
A feedback-control model of human vision. 01 p0044 A67-10465
- BIETTE, A.**
Stability of high polymers placed in a simulated space environment - Study of their specific degassing with the aid of a residual-gas analyzer /Stabilité de hauts polymères placés dans des conditions spatiales simulées - Etude de leur dégazage spécifique à l'aide d'un analyseur de gaz résiduels/. 05 p0832 A67-16304
- BIGELOW, G. F.**
Integrated trajectory system. 04 p0654 A67-15045
- BIGELOW, S. C.**
Central data system design for scientific solar probes. 20 p3391 A67-36597
- BIGG, E. K.**
Influence of the planet Mercury on sunspots. 17 p2943 A67-32439
Ice nucleating properties of meteoritic material. 24 p4231 A67-42371
- BIGNIER, M.**
Point of view of the European Satellite Telecommunication Conference /CETS/ /Point de vue de la Conférence Européenne de Télécommunication par Satellite /C.E.T.S.//. 17 p2974 A67-32398
Satellites in the Diamant program /Les satellites du programme Diamant/. 17 p2956 A67-32746
- BIIBOSUNOV, I.**
Solution of the Chaplygin equations in a plane-parallel transonic flow with a direct shock wave /Reshenie uravneniya Chaplygina v ploskoparallelnom okolozvukovom techenii s priamym skachkom uplotneniya/. 14 p2297 A67-27990
- BIKINEEV, A. M.**
Investigation of the energy spectrum of the additional flux of particles that appear during decreases of solar activity. 02 p0311 A67-12597
- BILENKII, B. F.**
Investigation of the self-absorption edge of red mercury sulfide single crystals /Doslizhennia kraku vlasnogo poglennannia monokristaliv chervonoj sluchistoi rtuti/. 02 p0300 A67-12476
- BILENSKI, V. P.**
Hall effect in a film situated in a magnetic leakage field /Effekt Kholla v plenke, nakhodiasheisia v magnitnom pole rasselanija/. 24 p4204 A67-42457
- BILES, N.**
Measurements of radon 220 /thoron/ in the atmosphere below 50 centimeters. 02 p0237 A67-11853
- BILDA, G. V.**
Time-dependence of the mechanical characteristics of unidirectional fiber-glass-reinforced plastics under tension /Zalezhnist' vid chasu mekhanichnikh kharakteristik odnonapravlenikh skloplastikov pri roztiagu/. 21 p3649 A67-37908
Effect of prestressing on the mechanical characteristics of a monodirectional glass-fiber-reinforced plastic /Vplyv poperedn'ogo navantazhennia na mekhanichni kharakteristiki odnonapravlenogo skloplastika/. 21 p3650 A67-37911
- BILLET, A. B.**
Fluid power support equipment in space environments. [SAE PAPER 660708] 01 p0013 A67-10600
Environmental tales of a frigid lady - Hydraulic systems studies of B-17 "My Gal Sal" after 23 years in the Arctic. [AIAA PAPER 67-185] 06 p0951 A67-18487
- BILLETT, R. A.**
Experimental studies of the effects of a non-linear bearing stiffness on shaft whirl. 12 p1949 A67-25409
- BILLIG, F. S.**
Penetration of gaseous jets injected into a supersonic stream. 02 p0232 A67-11935
Shock-wave shapes around spherical and cylindrical-nosed bodies. 15 p2417 A67-29448
Design of supersonic combustors based on pressure-area fields. 18 p3154 A67-33832
External burning in supersonic streams. [TG-912] 24 p4254 A67-42386
- BILLIGHEIMER, C. E.**
Solution of a non-linear differential equation. I. 21 p3651 A67-37922
- BILLIK, B. H.**
Cross-track sustaining requirements for a 24-hr satellite. 08 p1402 A67-21508
Studies relative to rendezvous between circular orbits. 09 p1564 A67-21695
- BILLIK, M.**
Idempotent Reynolds operators. 13 p2146 A67-27149
- BILLINGHAM, J.**
Vestibular experiments in Gemini flights V and VII. 13 p2062 A67-26920
- BILLINGHAM, R.**
Ignition of the hydrogen-oxygen propellant combination by means of chlorine trifluoride. 10 p1697 A67-23132
- BILLINGS, C. E.**
Development of techniques for direct measurement of metabolism under water. 09 p1455 A67-21722
Aeromedical problems associated with surgical procedures for the relief of otosclerosis. 13 p2060 A67-26928
Absorption of gases from the anterior chamber of the eye - Aeromedical implications. 23 p3950 A67-41536
- BILLINGS, D. E.**
A guide to the solar corona. 07 p1251 A67-19838
Observations bearing on the Kippenhahn-Schluter quiescent prominence model. 20 p3528 A67-37469
- BILLINGS, D. F.**
Current-carrying fluid past a nonconducting sphere at low Reynolds number. 15 p2469 A67-29224
- BILLINGS, J. K.**
Final sealing and encapsulation. 19 p3236 A67-35024
- BILLINGSLEY, F. C.**
Computerized image processing at JPL. 24 p4125 A67-42429
- BILLINGSLEY, J. B.**
Numerical solutions to electromagnetic scattering from strips, finite wedges, and notched circular cylinders. 05 p0763 A67-16850
- BILLINGTON, D. P.**
Note on finite symmetrical deflections in thin shells of revolution. 23 p4073 A67-40612
- BILLINGTON, J. P.**
Plastics in the Boeing 737. 07 p1193 A67-20252
- BILLS, D. G.**
Electrostatic getter-ion-pump design. 21 p3624 A67-37821
- BILLUPS, R. R.**
Imaging microdensitometer. 06 p1001 A67-17791
- BILLOTTI, A.**
Operation of a MOS transistor as a variable resistor. 01 p0036 A67-10439
- BILSKY, H.**
Mechanical, thermal, and dynamic considerations for a photovoltaic system for manned space systems. 24 p4105 A67-42516
- BILYK, I. I.**
Investigation of conditions for the preparation of alloys in the YB sub 6 - LaB sub 6 system /Issledovanie uslovii puchenia splavov v sisteme YB sub 6 - LaB sub 6/. 01 p0138 A67-11244
- BINDER, A. B.**
Lithological and mineralogical investigation

- of the surface of Mars. 02 p0319 A67-11456
The composition of the surface layer of Mars. 05 p0896 A67-16717
Mercury - New observations of the infrared bands of carbon dioxide. 09 p1565 A67-22016
- BINDER, B. L.**
Method for calculating bimetallic sensing elements /O metodike rascheta bimetallicheskih chuvstvitel'nykh elementov/. 07 p1187 A67-19738
- BINDER, D.**
Theoretical and experimental determinations of neutron energy deposition in silicon. 04 p0684 A67-15688
- BINEAU, H.**
The space center in French Guiana /Le centre spatial Guyanaise/. 18 p3019 A67-33652
- BINEAU, M.**
Some aspects of classical diffusion. 13 p2164 A67-26296
Possible stationary motion of a toroidal plasma. 21 p3661 A67-37751
- BINGER, W. W.**
Resistance to corrosion and stress corrosion. 14 p2335 A67-27806
- BINGHAM, C. D.**
Post-irradiation chemical analysis of SNAP-8 experimental reactor coolant. 03 p0466 A67-13798
- BINGHAM, K. C.**
A thin film technique for interconnecting integrated circuits in digital systems. 14 p2280 A67-28016
- BINGHAM, R. H.**
A launch vehicle sizing technique. [AAS PAPER 66-113] 07 p1259 A67-19972
A launch vehicle sizing technique. [AAS PAPER 66-113] 13 p2214 A67-27529
- BINGHAM, T. H.**
Estimating maintenance man-hours per flight hour for business turbojet airplanes. [SAE PAPER 670228] 13 p2053 A67-27294
- BINGHAM, W. L.**
A novel strain and strain-rate sensor. 18 p3141 A67-33888
- BINGULAC, S. P.**
A transformation improving stability of adaptive systems. 08 p1308 A67-20319
- BINNIE, A. J.**
Effects of recovery factor on measurement of temperature of moving fluids. 12 p1928 A67-25353
- BINNS, R. A.**
Structure and evolution of non-carbonaceous chondritic meteorites. 07 p1249 A67-19538
Stony meteorites bearing maskelynite. 10 p1709 A67-23494
Farmington meteorite - Cristobalite xenoliths and blackening. 15 p2556 A67-29647
- BINSACK, J.**
Plasma measurement on Explorer 33. I. 19 p3319 A67-35245
- BIONDI, E.**
Analysis of discrete Markov systems using stochastic graphs. 22 p3777 A67-39830
- BIONDI, M. A.**
Laboratory measurements of electron-ion recombination coefficients. 10 p1682 A67-23261
Measurements of dissociative recombination of CO sub 2 super plus ions with electrons. [SRCC-55] 17 p2888 A67-32826
Electronloss processes in ionized gases. 19 p3264 A67-35070
- BIOT, M. A.**
Fundamental skin effect in anisotropic solid mechanics. 01 p0113 A67-10406
Complementary forms of the variational principle for heat conduction and convection. 15 p2582 A67-30019
Simplified variational and physical analysis of heat transfer in laminar and turbulent flow. 21 p3730 A67-37736
- BIBIQUARD, P.**
Geometric oscillations in gallium /Oscillations geometriques dans le gallium/. 22 p3859 A67-39653
- BIR, G. L.**
Jahn-Teller effect on impurity centers in semiconductors. 10 p1894 A67-23593
Combination resonance of holes in Ge and Si type semiconductors. 23 p4042 A67-41297
- BIRAGNET, F.**
Structural and magnetic properties of epitaxial permalloy films. 04 p0676 A67-14931
- BIRAUD, F.**
Primary sources for the large Nancy radiotelescope. 12 p1914 A67-25310
- BIRD, F.**
Thermoelastic stress concentrations. 19 p3337 A67-34823
- BIRD, G. A.**
Theoretical and experimental investigations of the reflexion of normal shock waves with vibrational relaxation. 24 p4144 A67-42564
- BIRD, R. G.**
Measurements of body motions. [ASME PAPER 66-WA/BHF-2] 04 p0563 A67-15398
- BIRGER, I. A.**
Use of matrix integral equations to calculate critical loads and natural frequencies of oscillation of shells of revolution /Raschet kriticheskikh nagruzok i chastot sobstvennykh kolebaniy obolochek vrashcheniya s pomoshch'yu matrichnykh integral'nykh uravnenii/. 12 p2022 A67-25585
Diagnostic value of indices /O diagnosticheskoi tsennosti priznakov/. 19 p3186 A67-34889
- BIRIKH, R. V.**
On the spectrum of small perturbations of plane-parallel Couette flow. 01 p0053 A67-11000
- BIRIUKOV, E. N.**
Changes of water-salt metabolism under conditions of 62-day hypokinesia /Izmenenie vodno-solevogo obmena v usloviakh 62-sutochnoi glipokinezii/. 16 p2613 A67-30916
- BIRKEBAK, R.**
Thermal radiative properties of carbon dioxide cryodeposits. 09 p1533 A67-22121
- BIRKEBAK, R. C.**
A vacuum integrating sphere for in situ reflectance measurements at 77 deg K from 0.5 to 10 microns. [AIAA PAPER 67-298] 12 p1926 A67-26013
Simulation of the space solar-thermal conditions in ground test facilities. 16 p2654 A67-30674
An intensity and uniformity monitor for solar simulators. 19 p3207 A67-34835
Integrating sphere reflectometer center-mounted sample blockage effects. [ASME PAPER 67-HT-54] 20 p3447 A67-36736
Hemispherical reflectance of metal surfaces as a function of wavelength and surface roughness. 22 p3920 A67-40420
The spectral reflectance of water and carbon dioxide cryodeposits from 0.36 to 1.15 microns. 24 p4253 A67-42046
- BIRKELAND, J. W.**
The temperature distribution in a vortex-cooled hydrogen arc. 19 p3279 A67-35142
- BIRKHOFF, G.**
Linear second-order differential equations of positive type. 21 p3652 A67-38195
- BIRKLE, A. J.**
An investigation of the mechanical properties and microstructures of 18Ni /250/ maraging steel weldments. 16 p2692 A67-31868
- BIRKLE, K.**
Behavior of photospheric granulation in the spot cycle /Ueber das Verhalten der photosphaerischen Granulation im Fleckenzyklus/. 14 p2387 A67-28582
- BIRKS, L. S.**
Texture development and crystal perfection in niobium /columbium/ annealed at 2000 deg C. 20 p3470 A67-37391
- BIRKY, M. M.**
Ears on the line profile of decay transitions in a gas laser. 23 p4016 A67-41324
- BIRMINGHAM, T. J.**
Line splitting of plasma radiation and solar radio outbursts. 02 p0307 A67-11691
Comments on "kinetic structure of a plasma." 02 p0279 A67-12800
Contribution of electron-electron collisions to the emission of bremsstrahlung by a plasma. 03 p0484 A67-14043
- BIRNBAUM, G.**
Theory of microwave nonresonant absorption and relaxation in gases. 01 p0116 A67-10145
Progress in radio measurement methods and standards. 05 p0804 A67-18008
Classical theory of collision-induced absorption in rare-gas mixtures. 09 p1535 A67-22382
Laser measurements and standards. 14 p2319 A67-28392
Frequency stabilization of gas lasers. 17 p2815 A67-32611
Measurement of laser energy and power. 17 p2867 A67-32612
- BIRNBAUM, M.**
Laser operation with liquid semiconductor mirrors. 05 p0822 A67-16679
Thermal effects in semiconductor reflectivity enhancement. 13 p2177 A67-27016
Measurement of laser energy and power. 17 p2867 A67-32612
- BIRNBAUM, M. M.**
A strapdown star tracker for space vehicle attitude control. [AIAA PAPER 67-551] 19 p3233 A67-35948
- BIRNBOIM, M. H.**
Computer system for materials research. 24 p4126 A67-42930
- BIRON, A.**
Plastic analysis of rib-reinforced cylindrical shells. [ASME PAPER 66-WA/APM-14] 04 p0713 A67-15406
- BIRRELL, P. J.**
Variations in the chemical and mineralogical composition of rim and plains specimens of the Canon Diablo meteorite. 24 p4235 A67-42636
- BIRZVALK, I. U. A.**
Utilization of relative external characteristics in the calculations of direct current conduction pumps /Ispolzovanie otositel'nykh vnesnikh kharakteristik v raschetakh kondukttsionnykh nasosov postolannogo toka/. 04 p0556 A67-15527
- BISA, K.**
Microbiological studies on the radiation environment of ionosphere and stratosphere. 19 p3178 A67-35271
- BISCH, C.**
Study of the flow around a flat plate at an angle of incidence at high Mach numbers /Etude de l'ecoulement autour d'une plaque plane en incidence a des nombres de Mach eleves/. 11 p1742 A67-24761
- BISCHOF, W.**
Space and time variations of the CO sub 2 content of the troposphere and lower stratosphere. 03 p0414 A67-14086
- BISCHOFF, K.**
A study of ionospheric pulse absorption /AI/ on 4 Mc/s during the solar eclipse of May 20, 1966. 21 p3616 A67-37995
- BISHOF, K.**
Determination of the dimensions of ionospheric discontinuities from satellite-signal findings recorded at two frequencies /Opredelenie razmerov neodnorodnostei ionosfery po zapisam zamiraniy signalov ISZ na dvukh chastotakh/. 21 p3621 A67-39021
- BISHOP, D. P.**
The thermal degradation of epoxide resins. 19 p3248 A67-34994
- BISHOP, S. G.**
Combined resonance and electron g values in InSb. 13 p2178 A67-27083
- BISHOP, W.**
Man-rating the Gemini launch vehicle - Crew hazard and mission analysis. 01 p0155 A67-11347
- BISHOP, W. M.**
A prediction technique for ablative material performance under high shear reentry conditions. 10 p1734 A67-23722
- BISIAUX, P.**
Hydrogen-oxygen propulsion in France /La propulsion par hydrogene-oxygene en France/. 18 p3111 A67-33653
- BISIGNANI, W. T.**
Redundancy reduction applied to coarse-fine encoded video. 24 p4123 A67-42806
- BISKAMP, D.**
Influence of thermal radiation on electrons in a high temperature plasma. 12 p1969 A67-25192
- BISMUT, M.**
Controlled booster stage "BER" for sounding-rockets. [ONERA-TP-442] 08 p1404 A67-20495
Attitude control of a near-earth space probe /Contrôle d'attitude d'une sonde spatiale a mission proche/. [ONERA-TP-271] 16 p2758 A67-30653
Controlled booster stage "BER" for sounding rockets. 21 p3712 A67-37802
Optimization of a servo-loop control - Application to satellite attitude control /Optimisation du reglage d'une boucle d'asservissement - Application au controle d'attitude d'un satellite/. 23 p4070 A67-40577
- BISNOVATYI-KOGAN, G. S.**
Viscosity of a partially ionized two-temperature plasma. 04 p0686 A67-15186
Flow of an ideal gas in a spherically symmetric gravity field with allowance for

- radiant heat transfer and radiation pressure /*Techenie ideal'nogo gaza v sfericheskii simmetrichnom pole tiazhesti s uchetom luchistoi teploprovodnosti i luchistogo davleniia*/. 22 p3880 A67-39407
- BISS, R. E.
Propagation constants of a waveguide containing parallel sheets of finite conductivity. 13 p2083 A67-27443
- BISSON, E. E.
Lubrication and bearing problems in the vacuum of space. 05 p0811 A67-16932
- BISSON, G.
Stimulated Raman effects in calcite /*Effets Raman stimules dans la calcite*/. 23 p4016 A67-41191
- BISWAS, A. B.
Oxidation of bismuth. 06 p1013 A67-17659
- BISWAS, S.
He super 3 nuclei in the low energy primary cosmic radiation. 12 p1993 A67-25479
He super 3 /He super 3 plus He super 4/ ratios in cosmic rays, path lengths in space, and energy spectrum of helium nuclei in local interstellar space. 20 p3518 A67-37088
The intensity of heavy nuclei in the primary cosmic rays over Texas in March 1962 and the solar cycle modulation. 20 p3519 A67-37405
- BITIURIN, V. A.
Determination of the time required for the buildup of a nonequilibrium state at the inlet of an MHD-generator channel /*K opredeleniui vremeni ustanovleniia neravnovesnogo sostoiianiia na vkhode v kanal MGD-generatora*/. 18 p2989 A67-34048
- BITONDO, D.
Thermal control for the Apollo lunar surface experiments package /*ALSEP*/. 02 p0184 A67-12357
- BITSADZE, A. V.
Boundary-Value Problems for Second-Order Elliptic Equations /*Kraevye Zadachi Dlia Ellipticheskikh Uravnenii Vtorogo Podladka*/. 04 p0645 A67-15006
- BITTER, H. L.
Effects of hydrazine on heat balance and source of metabolic energy. 18 p2992 A67-34714
Metabolic effects of monomethylhydrazine. 23 p3954 A67-41601
- BITTNER, H.
Closed loop investigations of the upper stage flight of the Europe 1 space vehicle. 22 p3897 A67-39171
- BITZ, M. C.
Ozonolysis of "polymer-type" material in coal, kerosene, and in the Orgueil meteorite - A preliminary report. 08 p1289 A67-21174
- BIUTNER, E. K.
Determination of the ratio of the Lagrange and Euler correlation scales in the surface boundary layer of the atmosphere /*Opredeleniie sootnosheniia masshtabov Lagranzhevoi i Elleroval korrellatsii v prizemnom sloe atmosfery*/. 03 p0464 A67-14229
The determination of the relation between the Lagrange and Euler scale correlations in the lower layer of the atmosphere. 12 p1964 A67-25485
- BIVAS, A.
Intensity dependence of emission lines in CdS upon excitation intensity /*laser*/ at very low temperature. 20 p3461 A67-37295
- BIVAS, R.
Some laser space applications /*Quelques applications spatiales des lasers*/. 14 p2331 A67-28608
The French laser telemetry network /*Le reseau francais de telemetrie par laser*/. 19 p3182 A67-35239
Laser telemetry starting with three stations /*Telemetrie par laser a partir de trois stations*/. 19 p3182 A67-35240
- BIVENS, D. B.
Low temperature synthesis. 08 p1290 A67-21187
- BIXBY, K. W.
Automatic shape detection for programmed terrain classification. 07 p1187 A67-19744
- BIZE, D.
Measurement of the density of a developing plasma obtained through laser ionization by means of a Fabry-Perot interferometer /*Mesure de la densite d'un plasma en evolution obtenu par ionisation laser a l'aide de l'interferometre Fabry-Perot*/. 15 p2527 A67-29474
- BJERKLIE, J. W.
Working fluid as a design variable for a family of small Rankine power systems. [ASME PAPER 67-GT-6] 11 p1745 A67-24794
Criterion for minimum weight Carnot limited space power systems. 24 p4103 A67-42496
- BJORDAL, J.
On the coherency of X-ray and optical pulsations in auroras. 17 p2844 A67-32543
- BJORING, D. E.
Air Force use of aerial cameras for instrumentation. 16 p2679 A67-31800
- BJORKLUND, S.
High intensity triboluminescence in europium tetrakis /*dibenzoylmethide*/-trilethylammonium. 01 p0019 A67-10897
Laser action from terbium trifluoroacetylacetonate in p-dioxane and acetonitrile at room temperature. 11 p1803 A67-24833
Energy transfer in mixed lanthanide complexes. 23 p3971 A67-40747
- BJORKSTAM, J. L.
180 deg domain formation in ferroelectrics with shorted electrodes. 19 p3304 A67-35047
- BJORNEBOE, J.
Space-time distribution of heavy penetrating particles /*quarks*/ in extensive air showers. 15 p2550 A67-29749
- BJURO, E. D.
Neutral composition of the Arctic upper atmosphere - Preliminary results. 19 p3219 A67-35251
- BLABLA, J.
Use of lasers as retinal photocoagulators /*Zastosowanie laserow jako fotokoagulatorow slatkokowowych*/. 14 p2333 A67-28973
- BLACHIER, B.
Study of the coherent interaction of two waves in a plasma - Application to long-distance radio communications /*Etude de l'interaction coherente de deux ondes dans un plasma - Application aux radiocommunications a grande distance*/. 03 p0372 A67-14091
- BLACHMAN, N. M.
Noise and its effect on communication. 01 p0024 A67-10725
- BLACK, A. W.
Experiments on turbulent heat transfer in a tube with circumferentially varying thermal boundary conditions. [ASME PAPER 66-WA/HT-3] 04 p0738 A67-15929
- BLACK, F. E.
Reliability management under fixed-price contracts. 15 p2584 A67-30403
- BLACK, H. C.
The airworthiness of supersonic aircraft. [AIAA PAPER 67-751] 23 p3933 A67-40985
- BLACK, I. A.
A double-guarded cold-plate thermal-conductivity apparatus. 22 p3803 A67-40294
An improved guarded-cold plate thermal-conductivity apparatus. 22 p3803 A67-40296
- BLACK, M. M.
Non-linear behaviour of thin-walled unsymmetrical beam-sections subjected to bending and torsion. 17 p2957 A67-32023
- BLACK, R. B. T.
Diffuse reflection and transmission by uniform noncoherently scattering media. 19 p3183 A67-35555
- BLACK, R. O.
Evaluation of systems effectiveness of Army missile systems. [SAE PAPER 660725] 01 p0154 A67-10627
Development and application of a logistic simulation model. 18 p3021 A67-34674
- BLACK, W. B.
Fibers of thermally stable ordered heterocycle-amide copolymers. 21 p3647 A67-37872
- BLACK, W. S.
Solar studies in the extreme ultraviolet using stabilized Skylark rockets. 12 p2008 A67-25826
- BLACKBURN, J. H.
Longitudinal sound velocities of granular compacts of ammonium perchlorate and potassium chloride. 16 p2734 A67-31521
- BLACKBURN, L. D.
Filament-matrix interactions in metal matrix composites. 03 p0442 A67-13309
- BLACKBURN, M. J.
Relationship of microstructure to some mechanical properties of Ti-8Al-1V-1Mo. 06 p1013 A67-17797
Phase transformation in the alloy Ti-8Al-1Mo-1V. 06 p1014 A67-17804
- The preparation of thin foils of titanium alloys. 10 p1668 A67-23175
Stress corrosion cracking of titanium alloys. 10 p1670 A67-23701
The ordering transformation in titanium-aluminum alloys containing up to 25 at. pct aluminum. 20 p3470 A67-37386
A comparison of phase transformations in three commercial titanium alloys. 22 p3822 A67-40055
- BLACKBURN, R. R.
Effects and importance of penetration and growth of lift on space vehicle response. 19 p3337 A67-35999
- BLACKBURN, W. E.
Methods for improving flying qualities of compound aircraft. [AHS PAPER 111] 16 p2598 A67-31827
- BLACKBURN, W. S.
Stability of cracks in elastic and in elastic plastic materials. 23 p4078 A67-41162
- BLACKLEY, M. L. W.
Chemical composition of indochinites. 11 p1866 A67-24695
- BLACKMAN, V. H.
An investigation of magnetically induced ionization in rare gas mixtures. 16 p2711 A67-30542
- BLACKMAN, W.
Trends in the packaging of military electronics equipment. 13 p2083 A67-27448
- BLACKMER, R. H., JR.
Analysis of maritime precipitation using radar data and satellite cloud photographs. 02 p0262 A67-12404
- BLACKMON, W.
Spectroradiometric blackbody calibration. 01 p0069 A67-11023
- BLACKMUN, E. V.
Design factors for castings. 14 p2323 A67-27813
- BLACKNALL, D. M.
The observation of defects in GaAs using photoluminescence at 20 deg K. 11 p1848 A67-24742
- BLACKSHEAR, W. T.
Preliminary analysis of liquid equilibrium configurations and disturbances of a vehicle motion due to liquid sloshing in space. 04 p0605 A67-14989
- BLACKWELL, B. D.
The initiation of projects. 15 p2583 A67-29667
- BLACKWELL, D. E.
Photoelectric observations of the brightness of the solar disk at Nice observatory, 1963-66. 14 p2387 A67-28592
The distribution of dust in interplanetary space. 17 p2947 A67-32758
Low noise solar and laboratory spectroscopy. 21 p3624 A67-37730
The zodiacal light. 22 p3794 A67-40426
- BLACKWELL, E. L.
Generation and use of an artificial ionosphere. [AIAA PAPER 67-789] 24 p4152 A67-42952
- BLACKWELL, J.
Study of the effect of material combination and hardness in rolling contact. 09 p1505 A67-22191
- BLACKWELL, L. A.
Design of an operational 4.2 deg K parametric amplifier system for satellite communications. 14 p2278 A67-27781
- BLADES, A. T.
Ionization in hydrocarbon flames. 04 p0719 A67-14488
- BLADES, J.
A proportional counter spectrometer for the study of the solar soft X-ray spectrum. 20 p3448 A67-36960
- BLAGONRAVOV, A. A.
The Soviet Union's activities in space during the past decade. 23 p4086 A67-40919
- BLAGOVESHCHENSKII, M. V.
Simultaneous-phase automatic frequency control and synchronization /*Sovmestnye fazovaiia avtopodstroika chastoty i sinkhronizatsiia*/. 05 p0764 A67-16904
Automatic phase adjustment in amplifiers. 05 p0778 A67-17395
Experimental characteristics of an amplifier and a self-excited oscillator employing a reflex klystron with phase locking /*Eksperimental'nye kharakteristiki usilitelia i sinkhronizirovannogo avtogeneratora na otrazhatel'nom klistrone s avtopodstroikoi fazy*/. 11 p1757 A67-23907
Simultaneous automatic phase frequency control and synchronization. 16 p2623 A67-30880

- Experimental characteristics of a reflex klystron amplifier and synchronized oscillator with automatic phase control. 21 p3600 A67-38935
- BLAHA, A.**
Contributions to the improvement of vacuumeters employing liquid /Contributions aux perfectionnements des vacuumetres avec liquide/. 05 p0804 A67-16303
Theoretical and experimental study of particle beams for the formation of thin films under vacuum /Etude theorique et experimentale des faisceaux de particules en vue de la formation de couches minces, sous vide/. 20 p3453 A67-36472
- BLAIR, B. E.**
Five years of VLF worldwide comparison of atomic frequency standards. 16 p2632 A67-31860
- BLAIR, F. E.**
Effect of vacuum on the strength of balsa wood. 15 p2507 A67-29554
- BLAIR, G. R.**
Materials for use in a space environment. 15 p2508 A67-29559
- BLAIR, J. C.**
Control systems for reusable launch vehicles. 15 p2570 A67-29857
- BLAIR, J. M.**
Stability analysis of minimum variance estimators. 07 p1216 A67-19967
[AAS PAPER 66-107]
Stability analysis of minimum variance estimators. 13 p2154 A67-27525
[AAS PAPER 66-107]
- BLAIR, P. M., JR.**
Ultraviolet stability of some white thermal control coatings characterized in vacuum. [AIAA PAPER 67-345] 12 p1959 A67-26059
- BLAIR, W. H.**
Enzyme-isoenzyme measure of radiation exposure. 07 p1134 A67-19860
- BLAISE, H.**
Optical measurement of tube flares. 18 p3054 A67-34366
- BLAKE, B. H. L.**
A solid-state automatic direction finder. 05 p0839 A67-16579
- BLAKE, F. A.**
Report on cadmium telluride thin film solar array technology. 23 p3938 A67-41498
- BLAKE, H. W.**
A novel strain and strain-rate sensor. 18 p3141 A67-33888
- BLAKE, J. B.**
Precipitation of 400-kev electrons in the auroral zone. 03 p0410 A67-12952
Inner-zone electrons in 1964 and 1965. 13 p2191 A67-26324
- BLAKE, L. V.**
Antennas. 03 p0382 A67-13713
- BLAKE, N.**
Hazardous weather information for air traffic control. 04 p0650 A67-14688
- BLAKE, R. E.**
Predicting structural reliability for design decisions. 08 p1424 A67-21524
[AIAA PAPER 66-503]
- BLAKE, R. L.**
K-alpha X-ray-type transitions in the solar atmosphere and laboratory plasma. 19 p3331 A67-36086
- BLAKELY, R. L.**
Application of adsorption beds to spacecraft life support system. [SAE PAPER 670842] 24 p4115 A67-41996
- BLAKELY, R. T.**
UHF telemetry systems design for the Edwards high-range. 02 p0229 A67-12007
- BLAKEMORE, T. R.**
The character of the received I.L.S. signal and its relation to monitoring. 13 p2154 A67-26986
- BLAKENEY, G. R.**
An application-oriented multiprocessing system. II. 23 p3976 A67-41057
- BLAKEY, L. H.**
Structural design of large space chambers. 02 p0228 A67-11839
Structural design of large space chambers. 05 p0788 A67-16618
- BLAKENEY, R. M.**
Small-signal current transients in insulators with traps. 20 p3509 A67-36506
Trapping processes in amorphous selenium. 20 p3509 A67-36507
- BLALOCK, J. M.**
A new concept of providing telemetry data in real time. 20 p3381 A67-36614
- BLAMONT, J. E.**
On the measurement of sodium dayglow emission by means of a Zeeman photometer. 03 p0409 A67-12945
Some results concerning the principal airglow lines as measured from the OGO-II satellite. 10 p1660 A67-23278
Evidence of solar granulation at 2000 angstrom units /Mise en evidence de la granulation solaire a 2000 angstrom units/. 12 p2001 A67-25220
Solar limb darkening in ultraviolet continuum /2000-3000 angstrom units/. 12 p2007 A67-25820
A study of the aurorae, X rays, ionosphere and related phenomena from subauroral zone stations. 12 p1937 A67-25834
Limb-darkening observations from 1800 to 2800 angstrom units. 17 p2945 A67-32647
Dynamical structure of the atmosphere between 80 and 120 km. 18 p3033 A67-33589
Structural model for atmospheric movements between altitudes of 85 and 110 km /Introduction d'un modele pour la structure des mouvements de l'atmosphere entre 85 et 110 km d'altitude/. 20 p3427 A67-36367
- BLAMONT, J.-E.**
Measurement of the center-edge shading of the sun between 2000 and 3000 angstrom units /Mesure de l'assombrissement centre-bord du soleil entre 2000 et 3000 angstrom units/. 14 p2387 A67-28517
- BLAMOUTIER, M.**
Image tube in the ultraviolet for space applications /Un tube de prise de vue en ultraviolet pour applications spatiales/. 21 p3599 A67-38654
- BLANC, C.**
Radiotelemetric recordings of the electroencephalograms of civil aviation pilots during flight. 01 p0017 A67-10962
- BLANC, C. J.**
Modern psychopharmacology in aeronautical medicine - Its value and dangers, its professional consequences. 23 p3967 A67-41603
- BLANC, CH.**
Quasi-isomorphic response of perturbed systems /Reponse quasi-isomorphe de systemes perturbes/. 15 p2512 A67-30050
- BLANC, M.**
136-MHz transmitter of the "A1" satellite /L'emetteur a 136 MHz du satellite "A1"/. 07 p1151 A67-19523
- BLANC, P.**
Adaptation of the ELDO launcher to telecommunication missions /L'adaptation du lanceur ELDO aux missions de telecommunications/. 06 p1093 A67-17557
- BLANCHARD, A.**
Influence of a short fading on Doppler-effect measurements by means of a receiver with an automatic phase control /Influence d'un fading bref sur la mesure de l'effet Doppler a l'aide d'un recepteur a commande automatique de phase/. 21 p3584 A67-38674
- BLANCHARD, J.**
A nonlinear discrete system equivalence of integral pulse frequency modulation systems. 16 p2652 A67-31685
- BLANCHARD, J. G.**
A nonlinear discrete system equivalence of integral pulse frequency modulation systems. 24 p4135 A67-42182
- BLANCHARD, L. E.**
Design considerations for television camera reseau for the reduction of geometric distortion on planetary missions. [SMPT PAPER 102-39] 22 p3808 A67-40377
Television pictures of the lunar surface by earthshine. [SMPT PAPER 102-40] 22 p3808 A67-40378
- BLANCHARD, M. B.**
Sampling with a luster sounding rocket during a Leonid meteor shower. 04 p0699 A67-14966
Contaminants vs micrometeorites from the 1965 Leonid Meteor Shower. 23 p3986 A67-40850
- BLANCHE, J. F.**
Nondestructive testing techniques for multilayer printed wiring boards. 09 p1502 A67-21867
- BLANCHET, B.**
Assessment of the behavior of alloy sheets used in aircraft by weldability testing under biaxial stresses /Appreciation a l'essai de soudabilite sous tensions biaxiales du comportement de toles en alliages utilises dans l'aeronautique/. 16 p2681 A67-30833
- BLANCHET, J.**
Attempt at formulating a problem of large-scale fluid mechanics /Essai de mise en equation d'un probleme de mecanique des fluides de grande echelle/. 03 p0404 A67-13882
- BLANCO ILESCAS, F.**
Hanging of commercial aircraft /El repostado de aviones comerciales/. 06 p0947 A67-18028
- BLANCO, T. T.**
Recovery of high-performance re-entry vehicles by drag brakes plus parachutes. 15 p2564 A67-29424
- BLAND, C. J.**
The charge composition of cosmic ray electrons. 17 p2938 A67-33198
- BLAND, D. R.**
Finite elastodynamics. 06 p1099 A67-17643
- BLAND, J. G.**
Minimum information terminal homing guidance. 02 p0263 A67-12158
- BLAND, S. R.**
Study of flow-induced vibrations of a plate in narrow channels. [ASME PAPER 67-VIBR-32] 11 p1777 A67-24190
- BLANDER, M.**
Condensation of primordial dust. 16 p2751 A67-31454
- BLANDIN, A.**
Correlation effects and superconductivity in dilute alloys with localized states. 14 p2371 A67-28727
- BLANK, G. B.**
Survival of desert soil algae at extremely low temperatures. 23 p3945 A67-41346
- BLANK, G. L.**
Estimating the transient response of nonlinear systems. 08 p1310 A67-20341
- BLANK, IU. I.**
Second virial coefficient for interactions of atoms having unfilled electron shells /Vtoroi virial'nyi koefitsient dlia vzaimodelstviy atomov s nezapolnennymi elektronnyimi obolochkami/. 07 p1225 A67-19122
- BLANKENSHIP, J. R.**
A photochemical model for the space-time variations of the oxygen allotropes in the 20 to 100 km layer. 03 p0414 A67-14087
- BLANKENSHIP, V. D.**
A note on experimental and theoretical comparisons of conical shock-shock interactions. 01 p0055 A67-11183
Approximate analysis of an electrostatic probe for electron density measurements on re-entry vehicles. 04 p0705 A67-15231
Compressible boundary layer-inviscid flow interactions in entrance region of internal flows. [ASME PAPER 67-HT-2] 20 p3421 A67-36701
- BLANQUART, P.**
An oxide cathode for collecting plasma on board the FR1 satellite /Une cathode a oxydes pour prise de plasma a bord du satellite FR1/. 21 p3599 A67-38649
- BLAQUIERE, A.**
Several recent results on the theory of nonlinear systems and circuits /Sur quelques resultats recents de la theorie des systemes et circuit nonlineaires/. 14 p2291 A67-28452
Some geometrical aspects of optimal processes. I, II /Quelques aspects geometriques des processus optimaux. I, II/. 19 p3203 A67-35902
The geometry of optimal processes /Sur la geometrie des processus optimaux/. 19 p3204 A67-35903
- BLASBALG, H.**
Adaptive digital satellite transmission ground terminal design considerations. 06 p0960 A67-17675
- BLASBERG, H.-J.**
Observation of the solar eclipse of May 20, 1966 in Dresden /Beobachtung der Sonnenfinsternis vom 20. Mai 1966 in Dresden/. 05 p0897 A67-16731
- BLASEVICH, G.**
On board devices for low current measurements. 21 p3599 A67-38634
- BLASHCHUK, V. E.**
Method for obtaining high-strength titanium welds without hardening by heat treatment /Puti poluchenia vysokoprochnykh titanovykh shvov bez uprochnialushchei termicheskoi obrabotki/. 07 p1190 A67-19295
- BLASINGAME, W.**
Composite damping of vibrating sandwich beams. [ASME PAPER 67-VIBR-6] 11 p1871 A67-24166

- BLASS, J. J.**
The influence of the intermediate principal stress on fatigue under triaxial stresses. 15 p2573 A67-29402
- BLATHERWICK, A. A.**
Cumulative damage under biaxial fatigue stress. 19 p3341 A67-35552
- BLAU, F. P.**
Effects related to ion cooling in a Q-device. 11 p1833 A67-24371
Ion cooling in a Q-device. 16 p2720 A67-31244
- BLAU, W.**
Synthesis of ambiguity functions for prescribed responses. 18 p3000 A67-34109
- BLAY, R. A.**
Role of the rotary wing in future short-haul transportation. 21 p3734 A67-38013
Extending helicopter speed performance. 21 p3567 A67-38015
- BLAYDON, C.**
On the abstraction problem in pattern classification. 02 p0208 A67-12173
- BLAYDON, C. C.**
Recovery of functions from noisy measurements taken at randomly selected points and its application to pattern classification. 01 p0028 A67-10450
- BLAZEY, R.**
Light scattering by laser mirrors. 13 p2129 A67-27348
- BLAZHIEVSKII, L. F.**
Investigation of a high-temperature plasma by the collective-variable method. I /Doslidzhennia visokotemperaturnoi plazmi metodom kolektivnykh zmiennikh. 01 p0119 A67-10133
Quantum corrections to Maxwell-plasma free energy /Kvantovi popravki do vlnnoi energii maksvellovskoi plazmi/. 21 p3663 A67-37861
- BLAZKA, S.**
Miniaturized multichannel biotelemetry /Miniaturalni vicekanalova biotelemetria/. 14 p2256 A67-28210
- BLAZSO, T.**
Conservation of energy in magnetohydrodynamics /Zum Energiesatz der Magnetohydrodynamik/. 16 p2721 A67-31548
- BLEDJIAN, L.**
Transient thermal response of multiple-foil high-temperature radiation shields. 22 p3919 A67-40115
- BLEEKER, J. A. M.**
Balloon observation of the X-ray sources in the Cygnus region in the energy range 20-130 keV. 08 p1377 A67-21252
- BLEICH, A.**
Compatibility of Atlas materials with fluorine propellants. 13 p2186 A67-27687
- BLEICH, G.**
Three-dimensional flow around blunt bodies. [AIAA PAPER 67-222] 06 p0941 A67-18461
Three-dimensional flow around blunt bodies. [AIAA PAPER 67-222] 19 p3171 A67-35736
- BLEICH, H. H.**
Ground shock due to Rayleigh waves from sonic booms. 23 p4074 A67-40632
- BLEICH, S.**
Inter-industry transference of test technology. 20 p3416 A67-36698
- BLEISTEIN, N.**
Space-time diffraction for dispersive hyperbolic equations. 07 p1218 A67-20270
- BLINK, H.**
Wissenschaftliche Gesellschaft fuer Luft- und Raumfahrt, Annual Reports 1966 /Wissenschaftliche Gesellschaft fuer Luft- und Raumfahrt, Jahrbuch 1966/. 23 p3929 A67-41304
- BLETZINGER, P.**
The initiation of a low pressure discharge. 19 p3272 A67-35088
The wave nature of moving striations. 19 p3273 A67-35094
- BLEVIS, B. C.**
Measurements of rainfall attenuation at 8 and 15 GHz. 16 p2625 A67-31341
- BLEY, K. B.**
Analytic determination of perigee passage using Lambert's theorem. 19 p3332 A67-34828
- BLICK, E. F.**
Lift and drag characteristics of a biannular wing airplane. 03 p0352 A67-13313
Turbulent boundary layer characteristics of compliant surfaces. [AIAA PAPER 67-128] 06 p0987 A67-18336
- BLIMAN, S.**
Propagation of electromagnetic waves in a waveguide completely or partially filled by a plasma in which there propagates an electron beam in the presence of a magnetic field /Propagation d'ondes electromagnetiques dans un guide completement ou partiellement rempli d'un plasma parcouru par un faisceau d'electrons en presence de champ magnetique/. 09 p1465 A67-22551
Wave propagation in a waveguide partially or completely filled by a plasma electron-beam system /Propagation d'ondes dans un guide partiellement ou completement rempli par un systeme plasma-faisceau d'electrons/. 09 p1550 A67-22582
Existence of intense HF oscillations due to a plasma beam interaction phenomenon in a cold cathode reflex discharge /Existence d'oscillations H.F. intenses dues a un phenomene d'interaction faisceau-plasma dans une decharge reflex a cathodes froides/. 19 p3275 A67-35109
Study of the instability resulting from the coupling between the low space-charge modes of an electron beam and the modes of the lowest electron band of a plasma, in a finite geometry and in the presence of a finite magnetic field /Etude de l'instabilite resultant du couplage des modes lents de charge d'espace d'un faisceau d'electrons avec les modes de la bande basse electronique d'un plasma, dans une geometrie finie et en presence d'un champ magnetique fini/. 22 p3847 A67-39643
- BLIN, A.**
Reliability of components subjected to radiation stress - Problems to be solved and certain experimental results /Fiabilite des composants soumis a la contrainte "rayonnements" - Problemes a resoudre et quelques resultats experimentaux/. 02 p0210 A67-11527
Certain special features of the behavior of plane-structure silicon transistors subjected to Co 60 gamma-radiation /Quelques aspects particuliers du comportement de transistors au silicium a structure plane soumis au rayonnement gamma du Co super 60/. 17 p2917 A67-32842
- BLINCHIEVSKII, V. S.**
Solution of the Cauchy problem for a quasi-linear first-order partial differential equation. II /O reshenii zadachi Koshi dlia kvazilineinogo uravneniia v chastnykh proizvodnykh pervogo poriadka. II/. 03 p0456 A67-12884
- BLINCOW, D. W.**
Nucleonic fuel gaging systems for spacecraft. 05 p0841 A67-16536
- BLINNIKOV, M. E.**
Effect of an oscillating field on the readings of a gyrocompass /Vliianie ostilliruiushchego polia na pokazaniia giroskopicheskogo kompasa/. 03 p0425 A67-14283
- BLINOV, I. N.**
Problem of reducibility for systems of linear differential equations with quasi-periodic coefficients /O probleme privodimosti sistem lineinykh differentsial'nykh uravnenii s kvaziperiodicheskimi koefitsientami/. 15 p2510 A67-29629
- BLINOV, L. M.**
Photovoltaic electromotive force of a p-n junction intensely illuminated in silicon /F.E.M. photovoltaique d'une jonction p-n intensement illuminee dans le silicium/. 08 p1285 A67-20732
Carrier density in a semiconductor illuminated with a laser. 20 p3513 A67-37437
- BLINOV, P. I.**
A titanium coaxial gun /Titanovola koaksial'nala pushka/. 16 p2676 A67-31400
- BLIUMBERG, L. M.**
Noise in linear amplifiers and the selection of the optimum integral resistance of a signal source /Shumy lineinykh uslitlelei i vybor optimal'nogo polnogo soprotivleniia istochnika signala/. 14 p2289 A67-28864
- BLIUMIN, M. A.**
Application of aerial photographs to the scale of a map being updated /O privedenii aerosnimgov k masshtabu obnovevaemoi karty/. 03 p0419 A67-13262
Tilt angles of gyrostabilized aerial photographs /Ob uglakh naklona girostabilizirovannykh aerosnimgov/. 13 p2118 A67-26463
- BLIX, E. D.**
Column effects in the interaction of arcs with transverse magnetic fields. 19 p3281 A67-35152
- BLOCH, O.**
Evolution of research on methanol cells /Evolution des recherches sur les piles a methanol/. 14 p2253 A67-29022
- BLOCK, D. L.**
Influence of prebuckling deformations, ring stiffeners, and load eccentricity on the buckling of stiffened cylinders. 10 p1727 A67-23759
- BLOCK, M. J.**
X-ray photography by image coding. [AIAA PAPER 66-850] 03 p0424 A67-14016
X-ray photography by image coding. [AIAA PAPER 66-850] 15 p2486 A67-29440
Optical detection of local fluid-flow velocities by filtering in space and time. 15 p2488 A67-29766
- BLOCK, P.**
Application of laminar boundary layer heat transfer theory to low thrust rocket nozzles. [AIAA PAPER 67-447] 18 p3112 A67-33923
- BLOCK, R. B.**
Instability of electromagnetically driven shock. 19 p3294 A67-35406
- BLOCK, W. F.**
Influence of the terrestrial environment on the temporal and statistical characteristics of Jovian decametric radiation. [RASSA PAPER 1-10-134] 03 p0373 A67-14245
- BLODGETT, R. E.**
Hydraulic system simulation using time-delay elements. [ASME PAPER 66-WA/AUT-18] 04 p0555 A67-15413
Absolute stability of a class of nonlinear systems containing distributed elements. 23 p3984 A67-40870
- BLOEDEL, E. D.**
Synchronization during biased PCM conditions. 06 p0963 A67-18110
- BLOEMBERGEN, N.**
Second harmonic reflected light. 06 p1030 A67-17571
- BLOETEKAER, K.**
High-frequency conductivity, carrier waves, and acoustic amplification in drifted semiconductor plasmas. 03 p0496 A67-13558
"Cooled" electrons in polar semiconductors. 06 p1048 A67-17816
Temperature effects in wave propagation on drifting carriers in semiconductors. 11 p1847 A67-24720
Mobility and temperature of electrons in polar semiconductors. 14 p2375 A67-29065
- BLOK, J.**
A calculation of noise in sensitized GaAs. 19 p3306 A67-35732
Measurements of noise in sensitized GaAs. 19 p3307 A67-35733
- BLOKH, I. A. L.**
Study of the temporal variations of the nuclear flux of primary cosmic radiation on the satellites Elektron 2 and 4 /Issledovanie vremennykh izmenenii potoka lader pervichnogo kosmicheskogo izlucheniia na sputnikakh Elektron-2 i Elektron-4/. 05 p0877 A67-16085
Forbush effect in September and October 1962 /Forbush-effekt v Sentiabre-Oktiabre 1962 g./. 05 p0881 A67-16121
Investigation of time variations of the flux of nuclei in primary cosmic radiation with the aid of Elektron II and Elektron IV. 24 p4212 A67-42761
The Forbush decrease of Sept.-Oct. 1962. 24 p4214 A67-42797
- BLOKPOEL, H.**
Hard facts about soft feathers. 07 p1129 A67-19909
- BLOME, J. C.**
Gemini window contamination due to outgassing of silicones. 15 p2507 A67-29555
- BLOOM, G. H.**
Stimulated Brillouin scattering in shock-compressed fluids. 01 p0116 A67-10338
- BLOOM, H. L.**
Potential requirements imposed upon ranges and networks by future unmanned reentry vehicles. [AAS PAPER 67-35] 15 p2571 A67-30107
- BLOOM, J. M.**
The short single edge crack specimen with linearly varying end displacements. 16 p2764 A67-30994
Axial loading of a unidirectional composite. 20 p3474 A67-37268

- BLOOM, L.**
The Litton dual L-304 computer system. 08 p1297 A67-20628
- BLOOM, M. H.**
Electronic effects in expansive flow under hypersonic conditions. 01 p0126 A67-11442
- BLOMBERG, H.**
Inhomogeneous development of a plasma through quasi-linear theory. 22 p3851 A67-39985
- BLOMER, H. E.**
Experimental investigation of acoustic liners to suppress screech in hydrogen-oxygen engines. 04 p0691 A67-15988
- BLOMER, J. H.**
The Alpha Centauri probe. 01 p0155 A67-11403
- BLOMQUIST, C. E.**
How to match reliability methods to real situations. 01 p0078 A67-10514
- BLOMQUIST, J. C.**
Avalanche transistors drive laser diodes hard and fast. 03 p0376 A67-12964
- BLOOR, M. I. G.**
Effect of radiative heat loss on steady hypersonic flow past a blunt body. 22 p3739 A67-39530
- BLOOR, M. S.**
Measurements on turbulent vortices in a cylinder wake. 01 p0005 A67-10256
- BLOSS, W.**
Enhanced radiation during thermionic electron emission. 19 p3176 A67-35081
- BLOTTIAU, F.**
Developmental tests of a white light standard for colorimetry. II /Essais de realisation d'un etalon de lumiere blanche pour la colorimetrie. II/. 23 p3999 A67-41180
- BLOUKE, M. M.**
Current oscillations in Co-doped Si p-i-n structures. 23 p3978 A67-40788
- BLUCHER, J. T.**
Low strain rate, high strain fatigue of aluminum as a function of temperature. 16 p2689 A67-31368
- BLUE, E.**
Thermionic energy conversion. 01 p0013 A67-10557
- BLUHM, J. I.**
The effect of nonlinear Hertzian deformations and gage length on the measurement of elastic energy release rate. 10 p1718 A67-23327
- BLUM, E. IA.**
Temperature pulsations of a turbulent MHD flow /Temperaturnye pul'satsii turbulentnogo M.G.D. potoka/. 09 p1549 A67-22385
- Effect of a magnetic field on heat transfer in the turbulent flow of a conducting fluid /Vliianie magnitnogo polia na teploobmen v turbulentnom potoke provodlashchey zhidkosti/. 11 p1831 A67-24024
- Heat transfer in the stabilization stage of magnetohydrodynamic flow in a plane channel /Teploobmen na uchastke stabilizatsii magnitogidrodinamicheskogo techeniya v ploskom kanale/. 14 p2358 A67-28283
- BLUM, E. J.**
Image formation, phase stability, and multiple-aperture radiotelescopes /Formation d'images, stabilite de phase radiotelescopes a sorties multiples/. 14 p2285 A67-28437
- BLUM, E. K.**
A formal system for differentiation. 03 p0375 A67-13561
- BLUM, E. J.**
The receiver-antenna system in radio astronomy /L'ensemble recepteurs-antennes en radioastronomie/. 12 p1914 A67-25309
- BLUM, F. W.**
Computer display and control for launch vehicles. 01 p0050 A67-10672
- BLUM, J. J.**
Properties of the induced acid phosphatase and of the constitutive acid phosphatase of Euglena. 10 p1598 A67-23397
- BLUM, M.**
A machine-independent theory of the complexity of recursive functions. 13 p2148 A67-27497
- BLUM, N. A.**
Fe super 1 super plus and Fe super 2 super plus hyperfine fields in MgO and CaO. 20 p3506 A67-36211
- BLUM, P.**
Cold cathode quadrupole mass spectrometer. 23 p4000 A67-41217
- Adhesion of lunar soil simulated by rock comminuted in vacuum. 24 p4227 A67-42034
- BLUM, R.**
Normal shock waves in a compressible fluid. 15 p2473 A67-30226
- Comments on "Magnetospheric free-boundary problem in axial symmetry". 22 p3854 A67-40347
- BLUM, R. E.**
A modification of Potters' method for solving eigenvalue problems involving tridiagonal matrices. 04 p0656 A67-14839
- BLUM, S.**
A wide-band solid-state I.F. repeater for communications satellites. 06 p0960 A67-17682
- BLUM, S. L.**
Advances in nonmetallics. 03 p0449 A67-13199
- BLUMEN, W.**
Energy partition in a barotropic atmosphere. 15 p2478 A67-30056
- On nonlinear geostrophic adjustment. 19 p3253 A67-35917
- BLUMENTHAL, J. L.**
The combustion of bulk beryllium metal in the H sub 2 -O sub 2 -H sub 2 O system. 18 p3151 A67-33809
- BLUMER, C. B.**
Boundary-layer transition on blunt bodies - Effect of roughness. 21 p3614 A67-38891
- BLUMRICH, J. F.**
Space vehicle containers - An obligation for advances. 13 p2212 A67-27218
- BLUSTON, H. S.**
Nonadiabatic temperature distributions behind detached shocks. 23 p3992 A67-41738
- BLUTINGER, B.**
Event monitoring with a time-shared computer controlled checkout system. [SAE PAPER 660696] 01 p0049 A67-10593
- BLUYSEN, H.**
Hyperfine structure of HDO and D sub 2 O by beam maser spectroscopy. 20 p3461 A67-37287
- BLYTHE, H. J.**
Optical absorption of aluminum and some aluminum-magnesium alloys. 10 p1696 A67-23773
- BLYTHE, J. H.**
Processing loss in delay-line MTI systems. 22 p3758 A67-39211
- BLYTHE, P. A.**
Near-frozen quasi-one-dimensional flow. I. 19 p3172 A67-35800
- BOARD, K.**
Laser machining of thin films. 04 p0630 A67-15478
- BOASE, E. E.**
Lunar Orbiter camera. [SMPT PAPER 101-47] 12 p1940 A67-25465
- BOATNER, L. A.**
Multimode operation in Gunn oscillators induced by cooling and illumination. 19 p3305 A67-35628
- BOBB, L. C.**
Multiple twins in epitaxial gallium arsenide. 17 p2922 A67-33065
- Oriented growth of semiconductors. V. 18 p3106 A67-34636
- BOBCO, R. P.**
Local radiation equilibrium temperatures in semigray enclosures. [AIAA PAPER 67-211] 06 p1115 A67-18327
- Solar incidence factors for thermal analysis of imperfectly collimated radiation in solar simulators. [AIAA PAPER 66-458] 07 p1268 A67-19374
- Local radiation equilibrium temperatures in semigray enclosures. [AIAA PAPER 67-211] 19 p3344 A67-34820
- Radiant heat transfer from isothermal dispersions with isotropic scattering. [ASME PAPER 67-HT-8] 20 p3544 A67-36706
- Directional emissivities from a two-dimensional, absorbing-scattering medium - The semi-infinite slab. [ASME PAPER 67-HT-12] 20 p3545 A67-36710
- BOBELDIJK, C.**
Equilibrium and stability of a toroidal screw pinch. 11 p1827 A67-23888
- BOBENRIETH, A.**
Evolution of microcircuits on an insulating substrate /called thin-film circuits/ /Evolution des microcircuits a substrat isolant /dits circuits en couches minces/. 08 p1302 A67-20918
- BOBIKOV, A. I.**
The design of optimal measuring systems containing digital computers. 05 p0782 A67-16268
- BOBISUD, L.**
Degeneration of the solutions of certain well-posed systems of partial differential equations depending on a small parameter. 05 p0836 A67-17315
- On the single first-order partial differential equation with a small parameter. 07 p1217 A67-20019
- Speed of energy propagation for parabolic equations. 23 p4024 A67-41086
- BOBKOV, V. P.**
The three-dimensional correction coefficients and the transverse scales of the temperature perturbation in turbulent flow of mercury in a round tube. 16 p2724 A67-31776
- BOBO, S. N.**
Microelectric welding - An approach to improved reliability. 21 p3634 A67-38620
- BOBOLEV, V. K.**
Normal combustion stability of porous systems under constant pressure /Ob ustoiichivosti normal'nogo goreniiya poristyykh sistem pod postolannym davleniem/. 12 p2039 A67-26112
- BOBRIK, P. I.**
Thermal Effects and Cutting Machinability of Aircraft Materials /Teplovyie iavleniya i Obrabatyvaemost' Rezanlem Aviatsonnykh Materialov/. 03 p0427 A67-13190
- Analysis of the cutting-area thermal fields in heat-resistant steel and metal machining /Analiz teplovogo polia zony rezaniya pri obrabotke zharoprochnyykh staley i splavov/. 03 p0427 A67-13191
- Generalization of experimental methods for studying the thermal field during cutting /Obobshchenie eksperimental'nykh metodov issledovaniya teplovogo polia pri rezanii/. 03 p0427 A67-13194
- BOBRINEV, V. I.**
Noise limitations on the reconstruction of three-dimensional pictures. 01 p0067 A67-10834
- BOBROFF, D. L.**
Conservation of small-signal power on an electron beam with rectangular velocity distribution. 16 p2703 A67-30796
- BOBROVNIKOV, M. S.**
Wave diffraction on a surface-impedance discontinuity in closed waveguides /K voprosu o difraktsii voln na skachke poverkhnostnogo impedansa v zakrytykh volnovodakh/. 06 p0968 A67-17856
- BOBROVITSKII, I. U. I.**
Propagation of flexural waves along a beam with periodic point loading. 02 p0340 A67-12501
- BOBROWSKY, A.**
Plastic flow in beryllium under fluid pressure at room temperature. 13 p2139 A67-27123
- BOBYLEV, B. A.**
Absorption of ultrasound in the compounds GaAs and GaSb. 06 p1051 A67-18399
- BOCEK, VL.**
Properties of ruby resonators with plane and spherical faces /Vlastnosti rubinovykh rezonatoru s rovinnyymi a kulovymi cely/. 23 p4016 A67-41322
- BOCHARKIN, V. K.**
An experiment to test the hypothesis of the antimatter nature of meteoric swarms. 23 p4069 A67-41689
- BOCHENEK, K.**
Theory of source-free solutions in ionized regions. 14 p2359 A67-28462
- BOCHNICEK, J.**
The determination of the field intensity of a magnetodynamic disturbance in the lower ionosphere from the field intensity measured above the earth's surface. 07 p1174 A67-19718
- BOCHVAR, G. A.**
Titanium alloy ingots /Slitki titanovykh splavov/. 03 p0447 A67-13925
- BOCHVAR, O. S.**
Cross section of the phase diagram of the system Al-Cu-Cd-Mn with a constant manganese concentration at 500 deg C /Razrez diagrammy sostoiannya sistema Al-Cu-Cd-Mn pri postolannom soderzhanii margantsa pri temperature 500 deg C/. 07 p1201 A67-19251
- Variation of the hardness of alloys of the system Al-Cu-Cd-Mn-Li as a function of composition and aging conditions /Izmenenie tverdsti splavov sistema Al-Cu-Cd-Mn-Li v zavislosti ot sostava i rezhimov stareniya/. 07 p1201 A67-19252
- Influence of homogenizing on the structure and properties of technical aluminum. 15 p2504 A67-29975

- BOCK, G.**
Space research and astronautics - Their importance to science and the European economy /La recherche cosmique et l'astronautique - Leur importance pour la science et l'economie europeenne/. 01 p0168 A67-10268
- Space research and aerospace engineering in the European cooperation /Weltraumforschung und Raumflugtechnik in der Europaeschen Zusammenarbeit/. 03 p0537 A67-12967
- BOCKASTEN, K.**
High-gain laser lines in noble gases. 20 p3460 A67-36859
- BOCKEMUELLER, E. A.**
Orbital curves of high-altitude satellites under the effect of the moon /Die Bahnkurven erdferner Satelliten unter dem Einfluss des Mondes/. 15 p2560 A67-30044
- Flight paths of artificial satellites taking into account oblateness of earth and drag. 16 p2743 A67-30725
- BOCKEMUELLER, E. A.**
The mathematical foundation of a perturbation theory with respect to a special problem of satellite mechanics. 02 p0327 A67-12373
- BOCLET, D.**
Flux and energy spectra of primary cosmic X and gamma rays between 20 keV and 1 mev. 10 p1701 A67-23231
- Observation of the isotropy of the primary diffuse X-ray flux between 20 and 80 keV /Observation de l'isotropie du rayonnement X primaire non localise entre 20 et 80 keV/. 19 p3313 A67-35244
- BODDIE, W. L.**
State control of a flowing plasma by means of radio frequency electromagnetic fields. 12 p1975 A67-25921
- BODDY, J. A.**
Systems evaluation of advanced structures and materials in future launch vehicles. 10 p1723 A67-23699
- BODE, D. D., JR.**
Anion and pH effects on the potentials of zero charge of gold and silver electrodes. 10 p1602 A67-23158
- Cation effects on the potentials of zero charge of gold, silver, and mercury electrodes. 11 p1749 A67-23920
- BODE, H. J.**
Enhancement of superconducting critical current density in Nb sub 3 Sn diffusion layers produced by irradiation with protons. 06 p1048 A67-17817
- BODENHEIMER, P.**
The influence of water-vapor opacity and the efficiency of convection on models of late-type stars. 24 p4224 A67-41818
- BODET, P.**
Structure of the D1 satellite /La structure du satellite D1/. 07 p1258 A67-19526
- BODGER, W. K.**
Deceleration of an unbalanced rotor through a critical speed. [ASME PAPER 67-VIBR-17] 11 p1796 A67-24176
- BODIAKOV, G. I.**
The small parameter method for determining the motion of the viscous incompressible fluid in a support bearing. 15 p2493 A67-29692
- BODILY, L.**
An intercomparison of hydrogen and cesium frequency standards. 09 p1494 A67-21616
- BODIN, H. A. B.**
Radial oscillations of a plasma cylinder with arbitrary density distribution. 17 p2909 A67-33117
- BODMAN, S. W.**
Turbulent heat transfer to a nonequilibrium chemically reacting gas. 07 p1268 A67-19575
- BODNAR, M. J.**
Structural Adhesives Bonding, Symposium, Stevens Institute of Technology, Hoboken, N.J., September 14-16, 1965, Papers. 09 p1521 A67-22499
- BODRETSOVA, A. I.**
Quasi-continuous CaF sub 2 - Dy super 2 super plus laser with pyrotechnic excitation /Kvazineprerynyy opticheskiy kvantovyy generator na osnove CaF sub 2 - Dy super 2 super plus s pyrotekhnicheskimi vozbuzhdeniem/. 16 p2686 A67-31484
- BODROVA, E. A.**
Variation of the structure and properties of the titanium alloy VT5 as a result of gas saturation /Izmeneniye struktury i svoystv titanovogo splava VT5 v rezul'tate gazonasyshcheniya/. 10 p1670 A67-23642
- BODT, H.**
Cerenkov coupling to beam-plasma systems. 01 p0040 A67-11313
- BODUNOV, M. N.**
Some results of an experimental study of local heat-transfer coefficients of turbine blades /Nekotoryye rezul'taty eksperimental'nogo issledovaniya mestnykh koefitsientov teplootdachi turbinnyykh lopatok/. 20 p3515 A67-36451
- BODWAY, G. E.**
Two port power flow analysis using generalized scattering parameters. 14 p2287 A67-28625
- BOEBEL, C.**
Impulse measurements of an electric engine by a vacuum microbalance technique. 04 p0620 A67-14734
- BOEBEL, C. P.**
Recent developments in external coatings for spacecraft. [SAE PAPER 660653] 04 p0630 A67-15785
- BOEDEKER, L. R.**
Wind-tunnel studies of the effect of a plasma layer on antenna transmission and breakdown. 18 p3004 A67-34645
- BOEER, K. W.**
Multilayer ohmic contacts on CdS. 06 p1050 A67-18142
- Vacuum heat treatment of CdS single crystals. 07 p1237 A67-20179
- BOEGERSHAUSEN, W.**
Calculation of plasma compositions and their application to temperature determination /Ueber die Berechnung von Plasmazusammensetzungen und deren Anwendung zur Temperaturbestimmung/. 07 p1229 A67-19566
- BOEHM-VITENSE, E.**
Outer convection zones in stars of different spectral types and luminosities. 05 p0899 A67-17071
- BOEHM, B. W.**
Basing cryogenic computers in space. 01 p0031 A67-11443
- Prospects for space-based cryogenic computers. 10 p1608 A67-22770
- Keeping the upper hand in the man-computer partnership. 11 p1755 A67-24246
- Graphical aids to aerospace vehicle mission analysis. [AIAA PAPER 67-897] 24 p4126 A67-43006
- BOEHM, H.**
Appearance of a distinct yield point in vanadium alloys /Ueber das Auftreten einer ausgepraegten Streckgrenze in Vanadin-Legierungen/. 05 p0828 A67-16388
- Investigation of the stress-rupture and creep behavior in binary and ternary vanadium alloys /Untersuchungen ueber das Zeitstand- und Kriechverhalten binarer und ternarer Vanadin-Legierungen/. 12 p1954 A67-25140
- BOEHM, K. H.**
The lower thermal boundary layer of the solar convection zone /Die untere thermische Grenzschicht der solaren Konvektionszone/. 18 p3133 A67-34376
- The solar atmospheric convection zone - The outer solar convection zone. 23 p4068 A67-41278
- BOEHME, D. K.**
Ion sampling considerations for a discharge plasma of nitrogen. 02 p0272 A67-11889
- BOEHME, G.**
Compression shocks in an ideal dissociating gas /Verdichtungsstoesse in einem ideal dissoziierenden Gas/. 15 p2471 A67-29578
- BOEHME, R.**
Condition for prescribed small signal distortions in linear time-independent systems /Eine Bedingung fuer vorgeschrieben kleine Signalverzerrungen in linearen, zeitunabhaengigen Systemen/. 10 p1620 A67-23572
- BOEHMER, A. M.**
Binary pulse compression codes. 20 p3386 A67-37493
- BOEHNLEIN, A.**
Electron density in a Z-pinch as a function of location and time /Die Elektronendichte im Z-Pinch als Funktion von Ort und Zeit/. 20 p3502 A67-37528
- BOELLA, M.**
Low gain ring antenna - Radiation properties on a ground plane. 17 p2827 A67-32781
- BOEMMEL, H. E.**
Amplitude-dependent ultrasonic attenuation in superconductors. 03 p0492 A67-13325
- BOERNER, H.**
Generation of sound in turbulent flows /Zur Schallentstehung in turbulenten Stroemungen/. 14 p2305 A67-28519
- BOERSCH, H.**
Influence of surface properties on the onset of bremsstrahlung and transient and plasma radiation /Einfluss von Oberflaechenbedeckungen auf die Ausloesung von Uebergangs-, Brems- und Plasmastrahlung/. 02 p0291 A67-11737
- Theoretical and experimental investigation of regenerative laser amplifiers and their applications. 05 p0820 A67-16663
- Investigation of the difference frequencies between two lasers /Untersuchung der Differenzfrequenzen zwischen zwei Lasern/. 09 p1509 A67-21558
- Direct observation of combination tones due to third order polarization of an active laser medium. 09 p1511 A67-21747
- Diffraction on a ruby pumped by a standing light wave /Beugung an einem mit stehenden Lichtwellen gepumpten Rubin/. 13 p2126 A67-26860
- High power ion lasers with wall-stabilized arc discharge. 16 p2685 A67-30825
- Measurements of changes in length of 10 super -11 cm by optical heterodyning. 23 p4014 A67-41031
- Generation of short and intensive light pulses by saturable absorbers. 23 p4015 A67-41036
- BOES, D. J.**
Unique solid lubricating materials for high temperature-air applications. 16 p2683 A67-31752
- Chemical interactions involved in the formation of oxidation-resistant solid lubricant composites. [ASLE PAPER 67-LC-6] 24 p4164 A67-42745
- BOESCH, W. J.**
Progress in superalloys for SST jet engines. 20 p3469 A67-37358
- BOESE, R. W.**
Intensity measurements of the 1 mu CO sub 2 bands. 06 p1031 A67-17870
- BOETTCHER, K.**
The influence of angles of incidence of flood beams on the half-tone reproduction of visual storage tubes /Der einfluss inhomogener sichtstromereinfalls auf die halbtonewiedergabe bei sichtspeicherroehren/. 19 p3194 A67-35543
- BOETTNER, R. C.**
Fatigue crack nucleation in a high-strength low-alloy steel. 18 p3064 A67-34082
- BOEV, A. G.**
Standard solutions to the unsteady-state equations for a plane laminar magnetohydrodynamic boundary layer. 03 p0477 A67-13527
- BOGACHEV, I. N.**
Diffusion and diffusionless transformations in titanium alloys. 06 p1018 A67-18231
- BOGACHEV, V. S.**
Observation of electric "domains" in high-resistance GaAs with the aid of the electro-optic effect. 22 p3857 A67-39459
- BOGACHKIN, I. U. D.**
High-voltage generator of rectangular pulses employing thyristors /Vysokovol'tnyi generator priamougol'nykh impul'sov na tiratronakh/. 13 p2081 A67-27276
- BOGACHUK-KOZACHUK, O. A.**
Investigation of the efficiency of a heat shield over a plane surface during injection through two tangential slots /Doslidzhennia efektyvnosti teplovoy zavisli nad ploshkoju poverkhnieu pri vduvani kriz' dvi tangentsial'ni shchilini/. 11 p1884 A67-25055
- BOGARD, D. D.**
Krypton anomalies in achondritic meteorites. 09 p1569 A67-22685
- BOGART, H. G.**
New advances in nondestructive testing techniques. [SAE PAPER 670339] 12 p1950 A67-25876
- BOGATSKAIA, I. G.**
Motion of a single-rotor gyrocompass during rocking /O dvizhenii odnorotornogo girokompasa na kachke/. 12 p1941 A67-25662
- BOGATYREV, I. U. K.**
Formation and growth of electromagnetic shock waves in transmission lines filled with ferroelectric. 08 p1295 A67-20824

- BOGDAN, G. I.**
Nonlinear negative resistors with a dielectric-film base /Nelineinye otritsatel'nye soprotivleniia na nove dielektricheskikh plenok/. 18 p3009 A67-33472
Nonlinear negative dielectric-thin-film resistors for oscillator circuits /Nelineinye otritsatel'nye soprotivleniia na osnove tonkikh dielektricheskikh plenok v generatorykh skhemakh/. 22 p3769 A67-39576
- BOGDANKEVICH, L. S.**
Excitation of electromagnetic oscillations in a plasma beam bounded by plane conducting walls /O vzbuzhdenii elektromagnitnykh kolebanii v plazmennom puchke, ogranichenom ploskimi provodiashchimi stenkami/. 01 p0122 A67-10349
Stability of a spatially inhomogeneous current-carrying plasma /Ustoichivost' prostranstvenno neodnorodnoi plazmy s tokom/. 04 p0671 A67-15641
Drift-cyclotron oscillations of a collision plasma propagating across a magnetic field. 10 p1686 A67-23595
Excitation of electromagnetic oscillations in a plasma beam bounded by plane conducting walls. 11 p1844 A67-25022
- BOGDANKEVICH, O. V.**
Electron beam excited lasers made from solid solutions of GaP sub x As sub 1 minus x. 02 p0251 A67-11824
Certain characteristics of the generation of optical radiation in CdS as a result of electron excitation. 02 p0251 A67-11828
Gallium arsenide laser with plane resonator. 04 p0634 A67-15759
Semiconductor lasers with radiating mirrors. 05 p0821 A67-16669
Laser emission in electron-beam excited ZnSe. 07 p1197 A67-20183
Effects of nonuniform excitation of semiconductor lasers pumped by an electron /Effekty neodnorodnosti vzbuzhdeniia poluprovodnikovyykh lazerov s nakachkoi elektronnykh puchkom/. 10 p1666 A67-23648
Effects of excitation inhomogeneity in semiconductor lasers pumped by an electron beam. 17 p2870 A67-33329
- BOGDANOV, E. V.**
Oscillations in a beam generated plasma. 09 p1546 A67-22282
- BOGDANOV, G. B.**
Thermostability of the resonance frequency of spherical ferrite microwave resonators /O termostabil'nosti rezonansnoi chastoty sfericheskikh ferritovykh SVCh-rezonatorov/. 07 p1153 A67-19597
Resonance frequency thermostability of spherical ferrite microwave resonators. 20 p3401 A67-37336
- BOGDANOV, O. K.**
Selection of an optimal thrust-weight ratio for the lifting engines of a VTOL aircraft /K voprosu o vybere optimal'noi tiagovooruzhennosti AVVP po pod'emnym dvigateliam/. 18 p3110 A67-33544
- BOGDANOV, V. I.**
Invariance of nonlinear automatic systems /Invariantnist' nelineinikh avtomaticheskikh sistem/. 21 p3604 A67-39111
- BOGDANOV, V. V.**
Results of some electrophysiological investigations on board the spaceship "Voskhod" /Rezultaty nekotorykh elektrofiziologicheskikh issledovani na korable "Voskhod"/. 16 p2616 A67-30760
- BOGDANOVIC, J. A.**
Thermal environmental performance effects for packaged liquid rockets. [AIAA PAPER 66-686] 02 p0303 A67-11944
Response of bare wire thermocouples to temperature variations in a jet engine intake. 17 p2859 A67-32589
- BOGDONOFF, S. M.**
Leading edge flow studies of sharp bodies in rarefied hypersonic flow. 14 p2241 A67-28168
- BOGEN, P.**
Faraday rotation measurement of trapped magnetic fields in a thet pinch plasma. 05 p0859 A67-17447
- BOGER, R. C.**
Rotational stagnation-point flow. 17 p2789 A67-32039
- BOGIN, L. I.**
Doppler phenomena arising in the rotation of a system of electromagnetic-wave emitters and reflectors /Dopplerovskie yavleniia, voznikaushchie pri vrashchenii sistemy izluchatelei i otrazhatel' elektromagnitnykh voln/. 11 p1750 A67-23908
Doppler effects due to rotation of an electromagnetic wave radiator-reflector system. 21 p3585 A67-38936
- BOGLEVSKAIA, N. M.**
Some problems in the selection of research astronauts /Nekotorye problemy otbora kosmonavtov issledovatelei/. 13 p2062 A67-28763
- BOGNER, F. K.**
A cylindrical shell discrete element. 10 p1717 A67-23128
Finite deflection structural analysis using plate and cylindrical shell discrete elements. 10 p1726 A67-23717
- BOGNER, R. E.**
Shielding factors for electrostatic aerials. 24 p4129 A67-41973
- BOGOIAVLENSKII, A. A.**
Theorems on interaction of parts of a mechanical system. 07 p1224 A67-20038
Properties of possible permutations for the theorems of component interaction in a mechanical system /Svolstva vozmozhnykh peremeshchenii dlia teorem vzaimodelstviia chastel mekhanicheskoi sistemy/. 14 p2349 A67-28745
- BOGOLEPOV, V. V.**
Convective and radiation heat transfer in a radiating gas /Konvektivnyi i radiatsionnyi teploobmen v izluchalushchem gaze/. 01 p0188 A67-11421
Convective heat transfer in a radiating gas /Konvektivnyi teploobmen v izluchalushchem gaze/. 03 p0532 A67-12866
- BOGOMOLOV, E. A.**
Investigation of the composition of the primary cosmic-ray component /Issledovanie sostava pervichnoi komponenty kosmicheskogo izlucheniia/. 23 p4054 A67-41096
- BOGOMOLOV, L. A.**
Problems in interpreting aerial photographs. 04 p0619 A67-14529
- BOGOMOLOV, V. N.**
Obtaining a falling voltage-current characteristic in semiconductors in crossed electric and magnetic fields by short circuiting the transverse Hall field. 15 p2534 A67-29359
- BOGOSLOVSKII, K. E.**
Nonstationary interaction of blunt bodies with a shock wave. 01 p0008 A67-11294
- BOGUE, D. C.**
Experimental evaluation of viscoelastic theories. 19 p3210 A67-35614
- BOGUSLAVSKII, I. A.**
Stochastic-control equations /Ob uravneniakh stokhasticheskogo upravleniia/. 05 p0782 A67-16316
Controlling a space ship with a low thrust motor during acceleration in the absence of information about the current velocity vector. 11 p1869 A67-24068
On the equations of stochastic control. 18 p3016 A67-33867
- BOGUSZ, W.**
Velocity processes in systems with variable mass. 05 p0908 A67-16043
Stability of nonlinear systems /Statecznosc ukladow nelineinowych/. 24 p4188 A67-42375
- BOGY, D. B.**
An "optimal" solution of Saint-Venant's flexure problem for a circular cylinder. [ASME PAPER 66-WA/APM-19] 04 p0714 A67-15410
- BOHLING, R. F.**
Flight-control problems in the space age /Problemes de controle de vol dans l'age spatial/. 01 p0153 A67-10267
- BOHM, J.**
Low-frequency instability in semi-insulator GaAs. 01 p0133 A67-10473
GaAs transducers. 03 p0426 A67-14302
- BOHN, E. V.**
A numerical trajectory optimization method suitable for a computer of limited memory. 01 p0046 A67-11205
- BOHN, J. L.**
Surveyor lunar ejecta experiment. 08 p1411 A67-20948
Results of studies of thermal gradient effects on ceramic transducer sensors used in cosmic dust experiments. 19 p3229 A67-35170
Zodiacal dust measurements in cis-lunar and interplanetary space from OGO III and Mariner IV experiments between June and December 1966. 19 p3318 A67-35185
Results of recent microparticle hypervelocity impact studies related to sensors of cosmic dust experiments. 19 p3229 A67-35210
- BOHN, N.**
Measurement of acoustic resistance at sound-pressure levels to 171 db. 19 p3311 A67-34963
- BOHN, T.**
The closed MHD loop, ARGAS. 16 p2653 A67-30553
Lay-out data of a homogeneous closed-cycle 300 mw MHD generator. 16 p2603 A67-30565
- BOHN, W. L.**
Effect of the metastable He I 2 super 3 S levels on helium-plasma components /Einfluss des Metastabilen HeI 2 super 3 S-Niveaus auf die Hellumplasmakomponenten/. 09 p1544 A67-21883
Spectroscopic investigation of an argon plasma with self-absorption. [DVL-625] 19 p3278 A67-35135
- BOHON, H. L.**
A summary of supersonic decelerators with emphasis on problem areas in aerodynamics and structures. [AIAA PAPER 67-201] 06 p0948 A67-18301
- BOHONOS, B.**
Correct method for the affine transformation of a model in the processing of super wide-angle photographs on an autoradiograph /O prawidlowym sposobie afinicznego przeksztaicenia modelu przy opracowaniu nadszerokokatnych zdjec na autografie/. 09 p1496 A67-21750
- BOIADZHIAN, N. G.**
Comments on a model of the formation of extensive air showers /Zamechania ob odnoi modeli obrazovaniia shirokikh atmosferykh livnel/. 02 p0319 A67-12785
Measurement of the intensity of nuclear-active particles at mountain altitudes /Izmerenie intensivnosti laderno-aktivnykh chastits na vysotakh gor/. 21 p3698 A67-38293
Concerning a model of extensive air shower formation. 22 p3878 A67-40287
Energy spectrum of nuclear-active particles at mountain altitudes /Energeticheskii spektr ladernoaktivnykh chastits na vysotakh gor/. 24 p4218 A67-42834
- BOIANOV, I. D.**
Theory of transistorized LC oscillators with n tank circuits /O teorii tranzistornykh LC-generatorov s n kolobatel'nymi konturami/. 06 p0972 A67-18894
- BOIARINOV, V. S.**
Conditions for the occurrence of radial vibration with impact of a shaft supported on ball bearings. 05 p0812 A67-17236
- BOIARINTSEV, E. L.**
Ohmic heating of a dense hydrogen plasma /Omicheskii nagrev plotnoi vodorodnoi plazmy/. 24 p4195 A67-41939
- BOICHUK, L. M.**
Structural synthesis of an optimal control for a nonlinear plant with the aid of the calculus of variations /Strukturnyi sintez optimal'nogo upravleniia nelineinym ob'ektom s pomoshch'iu variatsionnogo ischisleniia/. 03 p0391 A67-13185
Inverse method of structural analysis of automatic control systems for nonlinear plants /Obvernnyi metod strukturnogo sintezu sistem avtomaticheskogo keruvannia nelineinimi ob'ektami/. 06 p0976 A67-18238
- BOICHUK, O. P.**
Damping in inertial navigation systems /Pro dempfliruvannia v inertsial'nikh sistemakh navigatsii/. 13 p2118 A67-26375
- BOIGEY, F.**
Study under parametric form of Lagrangian systems - Applications /Etude sous forme parametrique des systemes a Lagrangien - Applications/. 07 p1216 A67-19722
- BOIKO, B. T.**
Peculiarities of the substructure of thin metal films produced by condensation in vacuum /Besonderheiten der Substruktur duenner metallischer Schichten, die durch die Kondensation im Vakuum hergestellt sind/. 02 p0285 A67-11706
Electronographic determination of the thermal expansion coefficients of thin films /Elektronograficheskoe opredelenie koeffitsientov termicheskogo rasshireniia tonkikh plenok/. 12 p1939 A67-25242
- BOIKO, I. I.**
Electrical pinch in elastically deformed germanium. 04 p0675 A67-14922
Size effects in conductivity of

- semiconductors with a few types of carriers. 06 p1064 A67-18944
Pinch effect in semiconductors with intrinsic conductivity. 21 p3678 A67-38098
- BOIKO, V. A.**
Heating and scattering of a plasma produced by a giant laser pulse focused on a solid target /Nagrevanie i razlet plazmy, obrazulushchetsia pri vozdeistvii sfokusirovannogo gigantskogo impul'sa lazera na tverduyu mishen'/. 03 p0488 A67-14194
Production of spectra of multiply charged ions by focusing laser radiation on a solid target. 12 p1988 A67-28065
Formation of a long spark in air under the effect of weakly focused laser radiation /Obrazovanie dlinnol iskry v vozdukhie pod vozdeistviem slabogo sfokusirovannogo izlucheniia lazera/. 13 p2129 A67-27628
Heating and decay of plasma produced by a giant laser pulse focused on a solid target. 14 p2360 A67-28539
Formation of a long spark in air by weakly focused laser radiation. 21 p3642 A67-38824
- BOIKOVA, R. F.**
Propagation of intense monochromatic radiation in media with various types of spectral-line broadening. 08 p1294 A67-20816
A laser under the action of an external signal /Opticheskiy kvantoviy generator pod deistviem vneshnego signala/. 15 p2498 A67-29469
Laser subject to an external signal. 21 p3641 A67-38550
- BOILARD, D. I.**
Electrostatically-focused extended-interaction S-band klystron amplifier. 09 p1477 A67-22252
- BOILLAT, G.**
Comparison of wave surfaces according to the Einstein-Schrodinger theory and nonlinear electrodynamics - Absolute fields /Surfaces d'ondes comparees de la theorie d'Einstein-Schrodinger et de l'electrodynamique non lineaire - Champs absolus/. 18 p3078 A67-33688
- BOISCHOT, A.**
Some characteristics of type III VLF solar radio bursts /Quelques caracteristiques des sursauts solaires de type III sur tres basses frequences/. 10 p1699 A67-22886
Cosmic noise on short waves /Bruits cosmiques en micro-ondes/. 12 p1904 A67-25303
Non-circular aperture antennas. 14 p2284 A67-28431
- BOISSEAU, J.-F.**
Rapid evaluation of the damping of a one-degree-of-freedom system following its release /Evaluation rapide de l'amortissement d'un systeme a un degre de liberte en regime de lacher/. 17 p2884 A67-32698
- BOISSEVAIN, A. G.**
Atmosphere definition with a free-falling probe. 10 p1629 A67-22768
- BOISSIN, J. C.**
Thermal insulation for liquid hydrogen space tankage. 13 p2228 A67-27659
- BOITSENIA, V. S.**
Energy spectra of the ions of an accelerated plasma /Energeticheskie spektry ionov uskorennoi plazmy/. 04 p0668 A67-15216
- BOJARSKI, B.**
Subsonic flow of compressible fluid. 05 p0790 A67-16044
- BOK, J.**
Instabilities in solid state plasmas. 06 p1070 A67-18986
Plasma and magneto-plasma phenomena in solid state optics. 23 p4037 A67-40759
- BOKAREVA, N. N.**
Investigation of the formation and properties of alloys of the molybdenum-niobium system in a monocrystalline state /Issledovanie stroeniia i svoistv spлавov sistemy molibden-niobii v monokristallicheskom sostoianii/. 05 p0827 A67-16080
Study of the structure and properties of monocrystalline alloys of the molybdenum-niobium system /Issledovanie struktury i svoistv spлавov sistemy molibden-niobii v monokristallicheskom sostoianii/. 05 p0830 A67-17024
Structure and properties of single crystals of molybdenum-niobium alloys. 14 p2338 A67-28491
- BOKRINSKAIA, A. A.**
Ferrite microelements used as quasi-resonant circuits. 02 p0214 A67-11907
Miniature RC circuits with solid components /Miniatiurnye RC-tsepi na tverdykh elementakh/. 13 p2080 A67-27036
- BOKROS, J. C.**
Irradiation-induced densification of pyrolytic carbon. 08 p1346 A67-21542
- BOKUT, B. V.**
Observation of the generation of sum radiation frequency by ruby and neodymium lasers in a KDP crystal /Nabludenie generatsii summarnol chastoty izlucheni rubinovogo i neodimovogo lazerov na kristalle KDP/. 07 p1196 A67-19734
- BOLAND, J. S.**
Stability analysis methods for hybrid control systems. 22 p3778 A67-40157
- BOLAND, J. S., III**
A new method of analysis of sampled-data control systems. 13 p2086 A67-26416
- BOLAND, L. J.**
The IBM System/360 Model 91 - Storage system. 11 p1755 A67-23952
- BOLDMAN, D. R.**
Effect of uncooled inlet length and nozzle convergence angle on the turbulent boundary layer and heat transfer in conical nozzles operating with air. [ASME PAPER 67-HT-28] 20 p3357 A67-38721
- BOLDT, E.**
Solar modulation of galactic cosmic rays. 07 p1244 A67-19913
- BOLDYREV, V. G.**
The spectrum of the earth's heat radiation according to the observation from the Cosmos 45, Cosmos 65 and Cosmos 92 satellites. 10 p1637 A67-23194
The spectral composition of the infrared earth's radiation into the space according to the results of measurements from the artificial earth's satellites. 19 p3219 A67-35253
- BOLDYREV, V. V.**
Nature of the effect of preirradiation on the rate of thermal decomposition of ammonium perchlorate /K voprosu o prichinakh villanii predvaritel'nogo oblucheniia na skorost' termicheskogo razlozheniia perkhlorata ammoniia/. 04 p0687 A67-14635
- BOLEY, B. A.**
Bounds on the maximum thermoelastic stress and deflection in a beam and plate. [ASME PAPER 66-WA/APM-1] 04 p0714 A67-15426
Thermal deformations in a satellite telescope mirror. 18 p3046 A67-33880
- BOLGAR, A. S.**
Determination of the enthalpy of self-binding silicon carbide at temperatures from 1300 to 2000 deg K /Opredelenie ental'pii samosvlazannogo karbida kremniia v intervalie temperatur 1300-2000 deg K/. 03 p0446 A67-13609
A study of the evaporation and thermodynamic properties of chromium carbides. 03 p0456 A67-14193
Determination of the enthalpy of self-bound silicon carbide in the 1300-2000 deg K temperature range. 18 p3066 A67-34474
Study of the rate of vaporization, the vapor tension, the composition discontinuity, and certain thermodynamic properties of refractory compounds at temperatures up to 3000 deg C /Etude de la vitesse de vaporisation, de la tension de vapeur, de la discontinuite de composition et de certaines proprietes thermodynamiques des composés réfractaires a des températures allant jusqu'a 3000 deg C/. 20 p3463 A67-36116
- BOLGER, D. E.**
Preparation and characteristics of gallium arsenide. 10 p1692 A67-23512
- BOLGIANO, R., JR.**
Fine structure of the atmosphere deduced from direct observation and from turbulence theory. 14 p2311 A67-28396
- BOLIE, V. W.**
Recombination-regeneration formula for hole-electron pairs in randomly doped semiconductor materials. 15 p2539 A67-29915
- BOLIN, B.**
Space and time variations of the CO sub 2 content of the troposphere and lower stratosphere. 03 p0414 A67-14086
- BOLINDER, E. F.**
Geometric analysis of partially polarized electromagnetic waves. 09 p1460 A67-21588
- BOLIUNOVA, A. D.**
Radioactivity of the satellite Cosmos 3 after the explosion of July 9, 1962. 07 p1242 A67-19112
- Investigation of corpuscles on the Electron 1 and Electron 3 satellites - Preliminary results. 12 p1996 A67-25804
- BOLKHOVITIANOV, I. U. B.**
Channel transistor characteristics. 11 p1765 A67-24481
- BOLKOV, E. A.**
Method of nonuniform networks for finite and infinite regions with canonical points /Metod neravnomernykh setok dlia konechnykh i beskonechnykh oblastei s konicheskiimi tochkami/. 04 p0643 A67-14670
- BOLLE, H.-J.**
Fine structure calculations of Martian CO sub 2 emission spectrum. 18 p3125 A67-34159
- BOLLENRATH, F.**
Effect of deformation and temperature on the mechanical properties of unalloyed titanium /Einfluss der Verformung und Temperatur auf mechanische Eigenschaften von unlegiertem Titan/. 07 p1211 A67-20290
Precipitation-hardening behaviour and mechanical properties of heat-resisting alloys containing up to 35 percent cobalt. 11 p1808 A67-24704
- BOLLERMANN, W.**
Steering space probes by means of small continuous thrusts /Ein Beitrag zur Lenkung von Raumsonden vermittels kleinem, kontinuierlich wirkendem Schub/. 13 p2153 A67-26620
- BOLLES, T. V.**
Life support for inner and outer space vehicles - Similarities and differences. [AIAA PAPER 67-364] 14 p2259 A67-28732
- BOLOGNA, J. M.**
Galactic depolarization of the 21-centimeter-wave-length radiation of extragalactic sources. 05 p0895 A67-16601
- BOLONKIN, A. A.**
Method for solving optimal problems /Metod resheniia optimal'nykh zadach/. 03 p0457 A67-13183
Pulse, singular, and sliding regimes in problems of flight dynamics /Impul'snye, osobye i skol'ziaschie rezhimy v zadachakh dinamiki poleta/. 03 p0509 A67-13184
- BOLOSHIN, I. A.**
Noise figure of linear receiving systems in the quantum region. 01 p0022 A67-10393
- BOLOTIN, G. A.**
Interband transitions in molybdenum /Mezhdupolnosnye perekhody v molibdene/. 20 p3466 A67-36865
- BOLOTIN, V. V.**
Eigenvalue density in problems involving oscillations of elastic plates and shells /Plotnost' sobstvennykh znachenii v zadachakh o kolebaniakh uprugikh plastin i obolochek/. 12 p2022 A67-25586
Random thermoelastic stresses in shells /Sluchainye termouprugie naprazheniia v obolochkakh/. 12 p2022 A67-25587
Statistical aspects in the theory of structural stability. 14 p2396 A67-28082
Equations in the theory of stability of thin elastic shells /Ob uravneniakh teorii ustoiichivosti tonkikh uprugikh obolochek/. 24 p4249 A67-42303
- BOLOTOV, B. B.**
A thermal gauge for measuring gas pressures of 1-100 torr. 06 p1003 A67-18192
- BOLOTOV, V. N.**
On the ionizing accompaniment of approximately 170 Bev nucleons at 2000 meters altitude. 02 p0312 A67-12609
Cross section of inelastic interaction between neutrons and carbon nuclei at energies of 100 GeV /Sechenie neuprugogo vzaimodeistviia neitronov s ladrami ugleroda pri energii 100 GeV/. 24 p4219 A67-42848
- BOLOTOVSKII, B. M.**
Radiation from an oscillator in an inhomogeneous and nonstationary medium. 02 p0192 A67-11643
- BOLSHAKOV, I. A.**
Optimal use of multichannel systems for separation of regular signals from noise. 20 p3384 A67-37197
- BOLSHAKOVA, G. I.**
Oscillations in the turbulence angle /K voprosu o kolebani ugla turbulentisil/. 02 p0261 A67-11990
- BOLSHAKOVA, O. V.**
Steady-state geomagnetic micropulsations and solar corpuscular fluxes /Ustoiichivye geomagnitnye mikropulsatsii i solnechnye korpuskularnye potoki/. 05 p0884 A67-17134
Rapid variations of the electromagnetic field as an indication of the state of the radiation belts and the

- geomagnetosphere. 12 p1994 A67-25537
Application of the rapid variations of the earth's electromagnetic field to the diagnostics of the state of the magnetosphere /Ispol'zovanie bystrykh variatsii elektromagnitnogo polia zemli dlia diagnostiki sostoiannya magnitosfery/. 17 p2846 A67-32937
Regularities in the behaviour of micropulsations during the solar cycle. 19 p3325 A67-35486
Stable geomagnetic micropulsations and solar corpuscular streams. 21 p3698 A67-38477
- BOLSHANINA, M. A.**
Strain-hardening and the temperature dependence of the mechanical properties of ternary ordered alloys on an Ni sub 3 Fe base. I /O deformatsionnom uprochnenii i temperaturnoi zavisimosti mekhanicheskikh svoystv troinykh uporiadochennykh splavov na osnove Ni sub 3 Fe. 02 p0255 A67-12675
- BOLSHOI, A. A.**
Some regularities in formation of ionospheric inhomogeneities and their relationship to leakage of particles from space. 14 p2260 A67-27857
- BOLSHOV, V. G.**
Work function of high-melting metal carbides and of graphite with cesium vapor present. 19 p3176 A67-35080
- BOLSTAD, D. A.**
Application of portable X-ray stress techniques at the commercial airplane division of the Boeing Co. [SAE PAPER 670152] 09 p1509 A67-22542
- BOLSTER, B. D.**
Analytical approximations for the density and viscosity of equilibrium air. 15 p2579 A67-29436
- BOLSTER, W. J.**
The design, development, and testing of a series of air-launched sounding rockets. 08 p1407 A67-20518
The development and testing of the Terrier/ 551 - A surface-launched sounding rocket. 08 p1408 A67-20527
- BOLTA, G. L.**
Zener-diode function generator. 08 p1307 A67-21538
- BOLTAKS, B. I.**
Diffusion and electrical transfer of zinc in indium arsenide /Diffuziia i elektricheskii perenos tsinka v arsenide indii/. 01 p0127 A67-10068
Diffusion and solubility of cadmium in indium arsenide /Diffuziia i rastvorimost' kadmila v arsenide indii/. 01 p0128 A67-10082
Energy levels of Ag and Au in GaAs. 01 p0129 A67-10104
Diffusion and electrical transport of zinc in indium arsenide. 08 p1371 A67-21451
Diffusion and solubility of cadmium in indium arsenide. 08 p1371 A67-21459
The effect of applied electric field on diffusion of impurities in gallium arsenide. 09 p1558 A67-22603
Effect of neutron irradiation on the electrical properties of indium arsenide /Vliianie neitronnogo obлучeniia na elektricheskii svoystva arsenida indii/. 19 p3301 A67-34771
- BOLTAROVICH, A. V.**
Physico-mechanical and corrosion properties of heat-resistant stainless steel EP-479. 21 p3646 A67-39010
- BOLTIANSKII, V. G.**
Mathematical methods of optimum control /Matematicheskie metody optimal'nogo upravleniia/. 03 p0392 A67-13714
Synthesis of optimal controls in nonlinear second-order oscillatory systems /Sintez optimal'nykh upravlenii v nelineinykh kolebaniyakh sistemakh vtorogo poriadka/. 14 p2291 A67-28383
- BOLTON, J. G.**
Identification of strong extragalactic radio sources in the declination zone 0 deg to 20 deg. 04 p0697 A67-14773
- BOLTON, N. E.**
Electrophoretic deposition of ferrite for computer stores. 22 p3812 A67-39915
- BOLVANOVICH, E. I.**
Investigation of the absorption spectra of InSb-InAs solid solutions in connection with the band structure /Issledovanie spektrov pogloshcheniia tverdykh rastvorov InSb-InAs v svyazi so strukturoi zon/. 18 p3096 A67-33450
Temperature dependences of the electrical conductivity and the Hall coefficient of solid solutions of InSb-InAs /Temperaturnye zavisimosti elektroprovodnosti i postolannoi Kholla tverdykh rastvorov InSb-InAs/. 21 p3684 A67-38452
Current-carrier mobility in solid solutions of InSb-InAs /Podvizhnosti nositelei toka v tverdykh rastvorakh InSb-InAs/. 21 p3684 A67-38452
- BOLWELL, K. U.**
Apollo communications - The installation on Ascension Island. 23 p3986 A67-40706
- BOLWIJN, P. T.**
Saturation and gain of gas lasers from modulation experiments. 04 p0633 A67-15111
Information on saturation and gain of gas lasers from modulation experiments. 05 p0823 A67-16686
Noise and oscillations in cold-doped germanium photodiodes. 06 p0971 A67-18220
Resonator Q modulation of gas lasers with an external moving mirror. 06 p1011 A67-18758
Power broadening and collision broadening of gas laser transitions. 24 p4169 A67-43103
- BOLYCHEVTSEV, A. D.**
Overshoot conditional density of a controlled process under centralized control. 05 p0782 A67-16267
- BOMELBURG, H. J.**
Applications of laser photography to hyperthermal wind tunnel ablation testing. 23 p4006 A67-41380
- BOMZER, H. W.**
Lunar and planetary terminal point guidance using an optical correlator. 02 p0264 A67-12317
Selecting a target location system. 17 p2814 A67-32507
Precise orbital navigation utilizing automatic landmark tracking. 20 p3481 A67-36553
- BONAMY, J.**
Influence of the configuration utilized on the threshold of an optical-pumping laser /Influence de la configuration utilisee sur le seuil d'un laser a pompe optique/. 04 p0634 A67-15498
Study of the effectiveness of the coupling between a light source and the active medium in an optically pumped laser /Etude de l'efficacite du couplage entre la source lumineuse et le milieu actif dans un laser a pompe optique/. 13 p2128 A67-27230
- BONANNI, A.**
PCM telemetry for ELDO satellite test vehicle. 06 p0957 A67-17613
- BONANNO, F. R.**
Filament-matrix interactions in metal matrix composites. 03 p0442 A67-13309
Metal matrix composite materials. 06 p1019 A67-18657
- BONASIA, J. J.**
Low density shear resistant ablators for lifting reentry vehicles. 10 p1672 A67-23725
Ablators for severe reentry environments. 22 p3826 A67-39887
- BONCH-BRUEVICH, A. M.**
Study of a laser based on neodymium-activated glass with external feedback /Issledovanie opticheskogo kvantovogo generatora na stekle aktivirovannom neodimom s vneshnei obratnoi svyaz'iu/. 06 p1012 A67-18782
Investigation of a neodymium glass laser with a spherical mirror resonator /Issledovanie OKG na neodimovom stekle s rezonatorom iz sfericheskikh zerkal/. 06 p1012 A67-18783
Effect of powerful light fluxes on metals. 08 p1337 A67-20856
Investigation of a neodymium-glass laser with external feedback. 18 p3059 A67-33724
Investigation of a neodymium-glass laser with spherical mirrors. 18 p3059 A67-33725
Investigation of surface strains by the hologram technique. 21 p3625 A67-37944
- BONCH-BRUEVICH, V. L.**
On the velocity of space charge waves /electrical domains/ in semiconductors. 04 p0676 A67-14928
Motion of electrical domains in semiconductors containing hot electrons. 04 p0680 A67-15286
On the theory of electrical domains in hot electron semiconductors. 06 p1068 A67-18960
Multiple-photon radiative transitions in strongly doped semiconductors /Mnogofononnye izluchatel'nye perekhody v sil'no legirovannykh poluprovodnikakh/. 10 p1694 A67-23652
- The wave velocity of the space charge /electric domains/ in semiconductors. 11 p1846 A67-24482
Certain resonance properties of a semiconductor with moving electrical domains /O nekotorykh rezonansnykh svoystvakh poluprovodnika s dvizhushchimisia elektricheskimi domenami/. 12 p1983 A67-25517
Multiphonon radiative transitions in heavily doped semiconductors. 17 p2923 A67-33333
Some resonance properties of a semiconductor with mobile electrical domains. 18 p3103 A67-34448
On the theory of electrical domains in hot electron semiconductors. 20 p3506 A67-36222
- BONCORE, C. S.**
Design and development of a test facility for the disposal of hydrogen at high flow rates. 13 p2092 A67-27652
- BONCZYK, P. A.**
Precise isotope shift measurement using line narrowing induced by laser radiation. 13 p2127 A67-27080
Hyperfine structure of the v equals 0, J equals 1 state in Rb super 85 F, Rb super 87 F, K super 39 F, and K super 41 F by the molecular-beam electric-resonance method. 22 p3839 A67-39203
- BOND, A. D.**
Metabolic changes in rats exposed to an oxygen-enriched environment. 14 p2256 A67-28588
Self-aligning hot-wire probe. 22 p3800 A67-40069
- BOND, B. D.**
Chemical reaction and ignition in mixtures of magnesium and sodium nitrate. 07 p1238 A67-19072
- BOND, C. E.**
Stability and slanting of the convective electric arc in a thermionic rail accelerator. [AIAA PAPER 67-674] 21 p3671 A67-38707
- BOND, F. E.**
Fading and multipath considerations in aircraft/satellite communications systems. 06 p0960 A67-17673
- BOND, N. A., JR.**
Bayesian aspects of trouble shooting behavior. 09 p1456 A67-22369
- BOND, R. A.**
Avalanche transistors drive laser diodes hard and fast. 03 p0376 A67-12964
- BOND, R. L.**
Measurement of ray deviations in an optically inhomogeneous field. 11 p1794 A67-24927
- BOND, V. R.**
Navigation and guidance analysis of a Mars probe launched from a manned flyby spacecraft. [AIAA PAPER 67-546] 19 p3257 A67-35945
- BOND, W. L.**
Proposed resonator for an X-ray laser. 13 p2128 A67-27012
- BONDAR, M. M.**
Characteristics of contacts sealed in germanium of high electron conductance, in strong electrical fields /Delaki vlastivosti kontaktiv, vplavlenikh v germanii z elektronnoi provodnistiu, v sil'nykh elektricheskikh pol'kakh/. 02 p0300 A67-12480
- BONDAR, N. G.**
Oscillations of nonlinear conservative systems with several degrees of freedom /Kolebania nelineinykh konservativnykh sistem s neskol'kimi stepeniami svobody/. 16 p2765 A67-31048
- BONDAR, S. A.**
Method for the measurement of double charge-exchange cross sections of low-energy positive ions. 22 p3797 A67-39427
- BONDARENKO, A. N.**
Excitation of ultrasonic vibrations in crystals under the action of ruby laser radiation. 08 p1337 A67-20417
Ultrasonic device for the measurement of laser radiation power /Ul'trazvukovoi pribor dlia izmereniia moshchnosti izlucheniia opticheskogo kvantovogo generatora/. 15 p2485 A67-29125
- BONDARENKO, A. V.**
Measurement of shock-wave velocity established after interaction with obstacles in the form of channelled diaphragms /Izmereniia skorosti udarnykh voln, ustanovivshiesia posle vzaimodelstviia s preplastviiami v vide kanalov-diafragm/. 18 p3028 A67-34210

- BONDARENKO, L. N.**
Preparation of a catalog for the interpretation of objects in the eastern sector of the far side of the moon /Sostavlenie kataloga deshifirovannykh ob'ektov vostochnogo sektora obratnoi storony lunny/. 11 p1867 A67-24844
- BONDARENKO, N. G.**
Solid state laser with mode selection within an active element. 22 p3814 A67-39458
- BONDARENKO, N. I.**
Natural vibrations of coaxial rotors /Ob avtokolebaniakh soosnykh rotorov/. 23 p4009 A67-40685
- BONDARENKO, V. G.**
Investigation of the specific energy distribution of a shock wave created by an electrical explosion of a wire and an electrical discharge in air /Issledovanie raspredeleniya udel'noi energii udarnoi volny, obrazulushchiesia pri elektricheskom vzryve provolochki v elektricheskom razriade v vozdukh/. 17 p2883 A67-31927
- BONDARENKO, V. I.**
Lifetime of the sporadic E sub s layer over Kiev /O prodolzhitel'nosti sushchestvovaniia sporadicheskogo sloia E sub s nad Kievom/. 04 p0616 A67-15223
- BONDARENKO, V. M.**
Chemical sensitization of cadmium sulfide single crystals /Prokhl'michnu sensibilizatsiiu monokristaliv sulfidu kadmiiu/. 13 p2174 A67-26401
- BONDARENKO, V. P.**
Investigation of conditions for the preparation of alloys in the YB sub 6 -LaB sub 6 system /Issledovanie uslovii polucheniia spлавov v sisteme YB sub 6 -LaB sub 6/. 01 p0138 A67-11244
- BONDAREV, B. I.**
Induced radiation for large photon densities. 08 p1337 A67-20823
- BONDAREV, E. N.**
Approximate calculation of the interaction of supersonic flow with a laminar layer in the flow separation region /Priblizhennii raschet vzaimodel'stviia sverkhzvukovogo potoka s laminarnym sloem v oblasti otrynynogo techeniia/. 03 p0401 A67-12877
- BONDAREV, V. I.**
Metallochemistry of germanides. 13 p2175 A67-26469
- BONDAREV, V. V.**
Diffusion soldering of titanium /O diffuzionnoi palke titana/. 07 p1190 A67-19296
- BONDI, H.**
Bouncing spheres in general relativity. 20 p3486 A67-37273
- BONDY, T.**
Some metrological applications of correlation calculus. I /A korrelatsiozamiis nehany merestekhnika al'kalmazasa. I/. 23 p4008 A67-41397
- BONE, L. I.**
Ion-molecule reactions in propane. 17 p2810 A67-33264
- BONEFF, N.**
A special artificial moon /Une lune artificielle speciale/. 15 p2565 A67-29743
- BONENN, Z.**
Divergence range in a proportional-navigation homing system. 11 p1817 A67-24226
- BONEV, N.**
Relation between the oblateness, the mass, and the number of satellites of the planets of the solar system /Zavisimost mezhdu splenatostta, masata i broia na sp'tnitsite na planetite ot sl'ncevata sistema/. 13 p2198 A67-26765
- BONGIANNI, W. L.**
Ultrawide bandwidth pulse compression in YIG. 01 p0132 A67-10435
- BONGIORNO, J. J., JR.**
On the response of linear systems to inputs with limited amplitudes and slopes. 21 p3603 A67-38175
- BONHAM, R. A.**
Effect of bond formation on electron scattering cross sections for molecules. 23 p4029 A67-40966
- BONIN, J. H.**
Thrust magnitude and restart control of solid motors by injection of hypergolic fluids. 08 p1376 A67-21518
- BONIS, L. J.**
An electron microscopy and X-ray study of the recovery on annealing of cold-worked, dispersion-strengthened alloys. 01 p0097 A67-10698
- The effect of thermomechanical treatments on the elastic stored energy in TD nickel. 14 p2337 A67-28418
- BONJOUR, P.**
Superconductive magnetic lenses with rare earth metal pole pieces /Lentilles magnetiques supraconductrices a pieces polaires en metaux des terres rares/. 11 p1802 A67-24765
- BONNAL, J. F.**
Research on ion propulsion /Recherches sur la propulsion ionique/. 04 p0689 A67-15021
- Synthesized plasma beams and electrostatic instabilities. 11 p1838 A67-24403
- BONNANO, F. R.**
The fabrication and mechanical properties of SiC filament-metal matrix composites. 03 p0445 A67-13439
- BONNEFILLE, R.**
Equivalent circuit of the travelling wave liquid metal MHD generator. 12 p1897 A67-25376
- Magnetohydrodynamic jet converters /Les convertisseurs magnetohydrodynamiques a veine liquide/. 19 p3268 A67-35062
- BONNELL, J. M.**
Combustion pressure oscillations in an unmixed gas rocket motor. 02 p0302 A67-11940
- High-frequency combustion pressure oscillations in gaseous-propellant rockets - Design considerations. [ASME PAPER 67-VIBR-34] 11 p1851 A67-24191
- BONNELLE, C.**
X-ray photography of the sun /Photographie du soleil en lumiere X/. 04 p0698 A67-14917
- BONNEMAISON, C.**
Experimental contribution to the study of the weldability of thin sheets of maraging steel containing 18 percent Ni /Contribution experimentale a l'etude de la soudabilite des toles minces en acier a 18 percent Ni a durcissement structural /maraging/. 18 p3054 A67-34259
- BONNER, M. G.**
Measurement of solar radiation by silicon solar cell. 03 p0419 A67-13079
- BONNER, W. A.**
Dielectric and electro-optic properties of lead magnesium niobate. 11 p1803 A67-24834
- A new and stable nonlinear optical material. 22 p3863 A67-40236
- BONNEROT, J.**
Specific heat and magnetic susceptibility of dilute solid solutions of yttrium-gadolinium /Chaleur specifique et susceptibilite magnetique des solutions solides diluees d'yttrium-gadolinium/. 08 p1369 A67-20870
- BONNET, D.**
A new measurement of the energy gap in superconducting niobium. 23 p4036 A67-40703
- BONNET, F. W.**
Critical two-phase flow of nitrogen and oxygen through orifices. 13 p2106 A67-27669
- BONNET, J.**
Hardness of certain polyesters copolymerized with styrolyene - Reticulation and temperature effects /La durete de certains polyesters copolymerises avec du styrolyene - Influence de la reticulation et de la temperature/. 05 p0759 A67-16767
- BONNET, R. M.**
Solar limb darkening in ultraviolet continuum /2000-3000 angstrom units/. 12 p2007 A67-25820
- Limb-darkening observations from 1800 to 2800 angstrom units. 17 p2945 A67-32647
- BONNET, R. M.**
Measurement of the center-edge shading of the sun between 2000 and 3000 angstrom units /Mesure de l'assombrissement centre-bord du soleil entre 2000 et 3000 angstrom units/. 14 p2387 A67-28517
- BONNEVIER, B.**
Diffusion due to ion-ion collisions in a multicomponent plasma. 14 p2363 A67-29066
- BONNIER, E.**
A model for the analysis of enthalpies and entropies of liquid binary alloys. 21 p3733 A67-39105
- BONNOT, A.**
Relaxation of high-field domains and light emission associated with current oscillations in GaAs /Relaxation des domaines de haut champ et emission de lumiere associees aux oscillations de courant dans GaAs/. 20 p3508 A67-36423
- BONO, P.**
The enigma of booster recovery - Ballistic or winged/ques/ 15 p2587 A67-29834
- The variable payload booster - Next generation of large launch vehicle/ques/ 20 p3533 A67-36613
- Recent trends in post-Saturn propulsion - Expendable solid or reusable liquid systems/ques/ [DOUGLAS PAPER-4452] 24 p4240 A67-42388
- BONURA, M. S.**
Thermal comfort zones for helium-oxygen atmospheres at reduced pressures. 22 p3754 A67-39599
- BOOBAR, M. G.**
Approach and entry corridors for aerobraking at Mars and Venus. 13 p2212 A67-26837
- BOOLJ, N.**
An analytical treatment of a class of plane plastic strain problems. 18 p3140 A67-33656
- BOOK, D. L.**
Landau damping and growth of electrostatic modes with effects of spatial variation. 08 p1365 A67-21403
- BOOKER, D.**
Solar studies in the extreme ultraviolet using stabilized Skylark rockets. 12 p2008 A67-25826
- BOOKER, G. R.**
Investigation of epitaxial silicon layers grown in the presence of small quantities of gold. 23 p4036 A67-40656
- BOONE, B. B.**
White Sands Missile Range modernization. 02 p0229 A67-12003
- BOONE, D. H.**
Formation and degradation mechanisms of aluminum coatings on nickel-base superalloys. 16 p2693 A67-31871
- Some mechanical properties of boron-tungsten boride filaments. 19 p3245 A67-35728
- BOONE, J. P.**
Development, test and specification of a flight data recorder. 01 p0075 A67-11131
- BOORADY, F. A.**
Agena Gemini rocket engine - Hard start problem resolved during project sure fire. [AIAA PAPER 67-259] 07 p1241 A67-20046
- BOOS, E. G.**
Dynamic characteristics of secondary particles in pp-interactions at energies of 20 Gev /Dinamicheskie kharakteristiki vtorichnykh chastits iz pp-vzaimodel'stvi pri energii 20 Gev/. 24 p4193 A67-42854
- BOOSE, E. D.**
Volume excitation of an ultrathin continuous-wave CdSe laser at 6900 angstrom units output. 15 p2500 A67-29821
- BOOTH, C. E., JR.**
Failure information system for company-wide application. 15 p2584 A67-30410
- BOOTH, G.**
An improved vibration test. 01 p0034 A67-10155
- BOOTH, P. L.**
Masers for a radio astronomy interferometer. 07 p1197 A67-20115
- BOOTH, R. S.**
Measurements of oh emission sources with an interferometer of high resolution. 10 p1709 A67-23491
- BOOTHROYD, A. R.**
Gain capability of two-port amplifiers. 12 p1910 A67-25260
- BOQUIST, W. P.**
Conjugate auroral measurements from the 1962 U.S. high altitude nuclear test series. 18 p3036 A67-33603
- BORAM, R. J.**
A technique for system reliability apportionment. 15 p2492 A67-29605
- BORAWSKI, R.**
DC and RF performance of a new epitaxial depletion mode "n" channel most. 02 p0218 A67-12103
- BORBELY, A. A.**
Evoked potentials - Three-dimensional display. 19 p3179 A67-34955
- BORBUNOV, S. A.**
The role of nitrogen in the oxidation of titanium in air at elevated temperatures. 21 p3643 A67-37828
- BORCHERS, C. R.**
System design tradeoffs and economic planning. 01 p0170 A67-11349
- BORCHERT, C.**
A large experimental superconducting magnet for MHD power generation. 22 p3749 A67-40399

- BORDE, D.**
Double valence band and thermoelectric properties of PbTe-SnTe solutions /Double bande de valence et propriétés thermoelectriques de solutions PbTe-SnTe/. 10 p1688 A67-22848
- BORDEN, T. R., JR.**
Ozone heating and radiative equilibrium in the lower stratosphere. 19 p3226 A67-35922
- BORDIGATO, M.**
Problems of jet VTOL aircraft /Problematika del decollo verticale con l'impiego di turboreattori/. 17 p2786 A67-32392
Design criteria for power plant of a VTOL tactical aircraft /Elementi di progetto per l'apparato motore di un aereo tattico a decollo verticale/. 23 p4049 A67-41044
- BORDINA, N. M.**
Influence of an internal field on diffusion in semiconductors. 05 p0861 A67-16397
- BORDOGNA, J.**
Laser voice and video communications - Applying the GaAs room-temperature injection laser and GaAs electro-optic crystal. 02 p0194 A67-11786
- BOREL, J.**
Consideration of the equivalent circuit and noise for a field-effect transistor /Etude du schema equivalent et du bruit du transistor a effet de champ/. 06 p0966 A67-17589
Influence of technology and temperature on the behavior of MOST in the presence of 1-Mev electrons /Influence de la technologie et de la temperature sur la tenue des MOST aux electrons de 1 Mev/. 17 p2918 A67-32852
Integrated circuits with MOS transistors /Circuits integres a transistors M.O.S./. 20 p3395 A67-36320
- BORELLI, M. T.**
Advanced control systems for the Saturn V launch vehicle. [AIAA PAPER 67-591] 19 p3336 A67-35987
- BORER, J. R.**
Varactor S-band direct phase modulator. 04 p0580 A67-14596
- BORESI, A. P.**
Strain energy expression for large deformations of isotropic elastic shells subjected to arbitrary temperature distribution. 21 p3718 A67-38021
Energy methods in parametric excitation of rings. 23 p4074 A67-40651
- BORETZ, J. E.**
Isotope dynamic space power systems. 24 p4185 A67-42542
- BORG, K.**
Graphite as interstellar matter. 18 p3117 A67-33513
- BORG, S. F.**
A new model of hypervelocity impact governing crater formation. 01 p0165 A67-11444
- BORGER, J.**
Large subsonic transports - Airline objectives. [AIAA PAPER 66-1017] 06 p0946 A67-17980
- BORGET, G.**
Use of a duality method in a problem of dynamic optimization /Utilisation d'une methode de dualite dans un probleme d'optimisation dynamique/. 19 p3204 A67-35907
- BORGMEYER, C. H.**
A computer technique to evaluate routing of fluid system plumbing for aircraft engines. 17 p2928 A67-32006
- BORISENKO, M. I.**
Experiment concerning the operation of a molecular-beam laser on board a satellite /Opyt raboty molekulyarnogo generatora na iskusstvennom sputnike zemli/. 21 p3582 A67-38594
- BORISENKO, V. I.**
Supercritical deformation of a cylindrical shell at impact /Zakriticheskaya deformatsiya tsilindricheskoi obolochki pri udare/. 05 p0907 A67-16015
Experimental investigation of the stability of a cylindrical shell under longitudinal impact /Eksperimental'noe issledovanie ustoychivosti tsilindricheskoi obolochki pri prodol'nom udare/. 14 p2401 A67-28736
- BORISENKOV, E. P.**
Practical utilization of data from meteorological satellites /Prakticheskoe ispol'zovanie dannykh meteorologicheskikh sputnikov/. 10 p1676 A67-23017
- BORISIUK, A. I.**
Axisymmetric elastoplastic stressed state of shells of revolution /Osesimmetrichnoe uprugo-plasticheskoe n priazhennoe sostoyanie obolochek vrashcheniya/. 05 p0922 A67-17177
- BORISIUK, M. N.**
Problem of a vertical submerged hydrofoil /Zadacha o vertikal'nom podvodnom kryle/. 18 p3022 A67-33414
- BORISKINA, N. G.**
Structure of alloys of the systems Ti-Fe and Ti-Cr-Fe /K voprosu o stroenii splyavov sistem Ti-Fe i Ti-Cr-Fe/. 07 p1204 A67-19269
Some mechanical and physical properties of alloys of the Ti-Cr-Fe system /Nekotorye mekhanicheskie i fizicheskie svoystva splyavov sistem Ti-Cr-Fe/. 07 p1206 A67-19285
Elastic constants of Ti-Al-Cr-Fe-Si alloys /Uprugie konstanty splyavov sistem Ti-Al-Cr-Fe-Si/. 16 p2687 A67-30848
- BORISON, S. L.**
Radar scattering from blunted cone tips. 03 p0370 A67-13854
- BORISOV, A. S.**
Problem with initial data for the relaxation kinetic equation in a uniformly expanding /contracting/ gas. 04 p0604 A67-14792
Asymptotics of the solutions of the system of kinetic-coefficients equations in the case of uniform flows of a Maxwellian gas /Asimptotika reshenii sistem uravnenii kineticheskikh koeffitsientov v sluchae odnorodnykh techenii Maksvellova gaza/. 10 p1625 A67-23042
- BORISOV, B. S.**
Deposition of an Nb sub 3 Sn layer on a wire from the gas phase /Poluchenie sloia Nb sub 3 Sn na provoloke osazhdeniem iz gazovoi fazy/. 03 p0500 A67-14065
Producing a layer of Nb sub 3 Sn on a wire by deposition from the gas phase. 13 p2185 A67-27721
- BORISOV, G. A.**
Causes of separation in the characteristics axial compressor stages with a large relative hub diameter /O prichinakh razryva kharakteristik stupeni oseвого kompressora s bol'shim odnositel'nyim diametrom vtulki/. 20 p3358 A67-37083
- BORISOV, I. U. IA.**
Measurement of boundary layer thickness in the presence of a sound field. 06 p0988 A67-18400
- BORISOV, M.**
Mechanism of action of semiconductor generators of electromagnetic oscillations. 11 p1848 A67-24868
Electron-phonon interaction and generation of low frequency oscillations in n-type semiconductors. 11 p1849 A67-24870
Stark effect in the exciton levels of CdS and the electro-optical effect in CdS /Effekt shtarka eksitonnykh urovnei i elektroopticheskii effekt v sernistom kadmii/. 19 p3304 A67-35428
Current oscillations in CdS single crystals generated by elastic bending waves /Kolebaniya toka v monokristallakh CdS, porozhdennye uprugimi volnami izglba/. 20 p3514 A67-37463
- BORISOV, N. F.**
Particle distribution in the vicinity of an infinite charged cylinder placed in a plasma /Raspredelenie chastits v okrestnosti beskonchnogo zariazhennogo tsilindra, pomeschennogo v plazmu/. 21 p3675 A67-39033
- BORISOV, O. M.**
Evaluation of the properties of epitaxial silicon layers strongly alloyed with phosphorus /Otsenka svoystv epitaksial'nykh sloev kremniia, sil'no legirovannykh fosforom/. 21 p3681 A67-38362
- BORISOV, V. A.**
Properties of alloyed Ni-Be alloys. 15 p2504 A67-29974
- BORISOVA, A. K.**
Niobium spring alloy with a stable elastic modulus at high temperatures. 15 p2504 A67-29973
- BORISOVA, E. A.**
Effect of small boron, beryllium, and lanthanum additions on the properties of titanium alloy welds /Vliianie malykh dobavok bora, berillia i lantana na svoystva svarnykh soedinenii titanovykh splyavov/. 07 p1207 A67-19291
- BORISOVA, E. N.**
Kinetics and mechanism of the transformation of simple hydrocarbons at low pressures in the glow discharge. 22 p3757 A67-39585
- BORISOVA, M. S.**
The effect of a longitudinal magnetic field on the inversion population of the lower levels of Ar II in a capillary arc discharge. 24 p4196 A67-42244
Inversion of population of the 4s and 4p states of Ar II in a stationary arc discharge. 24 p4196 A67-42245
- BORISOVA, R. V.**
Estimating the parameters of stationary controlled plants in an identification problem /Otsenka parametrov statsionarnykh upravlyaemykh ob'ektov v zadache identifikatsii/. 05 p0782 A67-16319
Evaluation of parameters in the identification problem of stationary control systems. 18 p3017 A67-33870
- BORISOVA, Z. U.**
Investigation of the electric conductivity of the arsenic-sulfur-germanium system in the vitreous state. 06 p1052 A67-18610
Electric conductivity of glasses with the composition AsSe sub x S sub 1.5 sub -x Ge sub y. 06 p1052 A67-18611
Influence of certain impurities on the electric conductivity of arsenic selenides. 06 p1053 A67-18612
Investigation of the electric conductivity of the arsenic-sulfur system in the vitreous state. 06 p1053 A67-18614
- BORKOVSKII, B. A.**
A method for dynamic simulation of differential equations. 09 p1469 A67-22620
- BORKOWSKI, R. P.**
Application of thermochromic materials in display devices. 05 p0860 A67-16307
- BORLA, V.**
Shock waves at high temperatures. 14 p2355 A67-27953
- BORLACE, F. H.**
Flight simulator motion, its enhancement and potential for flight crew training. 13 p2064 A67-27268
- BORLAND, C. J.**
Supersonic gust simulation experiments. 21 p3609 A67-38889
- BORN, G. H.**
Some qualitative characteristics of near-lunar satellite orbits. [AAS PAPER 66-95] 07 p1252 A67-19959
Some qualitative characteristics of near-lunar satellite orbits. [AAS PAPER 66-95] 13 p2207 A67-27519
- BORODACHEV, N. M.**
Allowance for the wall effect in the impact of a circular disk against a fluid /Ob uchete vliianiia stenok pri udare kruglogo diska o zhidkost'/. 12 p1928 A67-25669
- BORODACHEVA, F. N.**
Allowance for the wall effect in the impact of a circular disk against a fluid /Ob uchete vliianiia stenok pri udare kruglogo diska o zhidkost'/. 12 p1928 A67-25669
- BORODIN, L. F.**
Adaptive decoders. 05 p0768 A67-17401
- BORODIN, M. Z.**
Investigation of the reversible dielectric constant of BaTiO sub 3 single crystals. 03 p0497 A67-13696
- BORODIN, V. A.**
Stability of the motion of a plane interface between two liquids /Ustoychivost' dvizheniia ploskoi granitsy razdela dvukh zhidkostei/. 11 p1782 A67-24959
- BORODIN, V. S.**
Investigation of a hollow-cathode discharge. II. 08 p1358 A67-20851
- BORODIN, V. Z.**
Investigation of the dielectric and optic properties of BaTiO sub 3 single crystals in the infralow frequency range. 03 p0497 A67-13697
- BORODULIN, A. A.**
An approximate method of determining the phase distribution in an antenna aperture /Priblizhennyi metod opredeleniia fazovogo raspredeleniia v raskryve anteny/. 22 p3762 A67-39870
- BOROG, V. V.**
Nonelectromagnetic reactions of superhigh-energy muons /Neelektromagnitnye vzaimodelstviia mluonov sverkhvysokikh energii/. 02 p0317 A67-12771
Investigation of the energy spectrum of cosmic muons by means of electron-photon showers /Issledovanie energeticheskogo spektra kosmicheskikh mluonov posredstvom elektronno-fotonnykh liveni/. 02 p0317 A67-12772
Nonelectromagnetic interactions of

- ultrahigh energy muons. 22 p3877 A67-40273
Investigation of the energy spectrum of cosmic ray muons by means of electron-photon showers. 22 p3877 A67-40274
Investigation of electron-photon cascades in iron in an energy range of approximately 10 super 12 eV /Issledovanie elektronno-fotonnykh kaskadov v zheleze v oblasti energii approximately 10 super 12 eV/. 24 p4221 A67-42869
- BOROK, V. A.**
Hardening and softening of nickel alloys containing aluminum oxide. 12 p1955 A67-25365
- BOROK, V. M.**
Cauchy problem of odd-order equations that are correct according to I. G. Petrovskii /Zadacha Koshi dlia korrektnykh po I. G. Petrovskomu uravnenii nechetnogo poriadka/. 03 p0459 A67-13644
- BOROS-GYEVJANOS**
Applications of thin films in electronics /Vekonyretegek elektronikai alkalmazasa/. 15 p2447 A67-29684
- BOROTA, F. P.**
Iterative method for the solution of an axisymmetric problem in the theory of elasticity /Ob odnom iteratsionnom metode reshenia osesimmetricheskoi zadachi teorii uprugosti/. 17 p2962 A67-32874
- BOROVCHENKO, E. A.**
Some problems on heat transfer in plasma jet generators. 04 p0672 A67-15871
Some results of an experimental study of the heat transfer in the discharge chamber of a plasmatron during the action of a magnetic field and a vortical gas flow on the arc /Nekotorye rezul'taty eksperimental'nogo issledovaniia teploobmena v razriadnoi kamere plazmatrona pri vozdeistvii na dugu magnitnym polem i vikhrevym gazovym potokom/. 24 p4098 A67-42250
- BOROVENKO, V. N.**
Determination of the orientation of artificial earth satellites with the aid of planar ion traps /Opredelenie orientatsii ISZ s pomoshch'iu ploskikh ionnykh lovushek/. 09 p1571 A67-21890
- BOROVNIK, A. E.**
Nonlinear motions of a plasma with an arbitrary electron velocity distribution /O nelineynykh dvizheniiakh plazmy s proizvol'nym raspredeleniem elektronov po skorostiam/. 03 p0486 A67-14198
Nonlinear motion of a plasma with an arbitrary electron velocity distribution. 14 p2360 A67-28543
- BOROVNIK, E. S.**
High-pressure pulsed arc in helium and hydrogen /Impul'snaia duga vysokogo davleniia v geli i vodorode/. 16 p2717 A67-31183
Pulsed arc in argon at pressures up to 10 super 8 newton/m super 2 /Impul'snaia duga v argone pri davleniakh do 10 super 8 n/m super 2/. 16 p2717 A67-31184
Pulsed high-pressure arc in helium and hydrogen. 22 p3845 A67-39426
Pulsed arc in argon at pressures up to 10 super 8 N/m super 2 /1000 atm/. 23 p4035 A67-41686
- BOROVNIKOV, A. S.**
Materials for fluorescence and color flaw detection. 13 p2122 A67-28255
- BOROVKOV, V. S.**
Learning threshold circuit employing electrochemical controllable resistors /Obuchalushchalasla porogovaya skhema s ispol'zovaniem elektrokhimicheskikh upravliaemykh soprotivlenii/. 22 p3809 A67-40480
- BOROVSKII, B. I.**
Energy transfer by circulatory and Coriolis forces in centrifugal and axicentrifugal compressors /K voprosu o peredache energii v tsentrobezhnykh i osesentrobezhnykh nasosakh tsirkulatsionnymi i korolisovymi silami/. 04 p0690 A67-15897
- BOROVSKII, I. B.**
Study of the W-Ta-Re system by the diffusion-layer method /Issledovanie sistemy W-Ta-Re metodom diffuzionnykh sloev/. 20 p3468 A67-37180
- BOROWIK, S.**
Working fluids for hydraulic automation systems /Ciecze robocze dla hydraulicznych urzadzen automatyki/. 07 p2122 A67-19733
Dynamics of an electrohydraulic amplifier in a spacecraft control system /Dynamika wzmacniacza elektrohydraulicznego w ukladle sterowania pojazdu kosmicznego/. 23 p3935 A67-40637
- BORRELL, A. P.**
Progress of astronomy in 1965 /Progresos de la astronomia en 1965/. 21 p3700 A67-37830
- BORRELLI, N. F.**
Damage in glass induced by linear absorption of laser radiation. 05 p0824 A67-16794
- BORSCHCH, A. O.**
Photoconductivity of CdS induced by light from a ruby laser /Fotoprovodnist' CdS, zbudzhuvana svitlom rubinovogo lazera/. 22 p3814 A67-39511
- BORSCHCHEVSKII, A. S.**
Preparation and certain properties of the semiconductor compound CdSnAs sub 2 /Poluchenie i nekotorye svoistva poluprovodnikovogo soedineniia CdSnAs sub 2/. 06 p1048 A67-17840
Investigation of the injection electroluminescence of p-n junctions in gallium phosphide /Issledovanie in'ektsionnoi elektroluminestsentsii p-n-perekhodov v fosfide galliia/. 14 p2368 A67-28531
Semiconducting A super II B super IV C super V sub 2 compounds. 16 p2725 A67-30801
Production of the semiconducting compound CdSnAs sub 2 and some of its properties. 17 p2922 A67-33218
Investigation of the injection electroluminescence of p-n junctions in gallium phosphide. 23 p4039 A67-40938
- BORSCHCHEVSKII, M. Z.**
Certain problems in the optimum stabilization of an axisymmetric satellite. 12 p2011 A67-25639
- BORTKEVICH, V. S.**
Stratospheric balloon measurements of the brightness of a cloudless day sky in the region from 1 to 6 mu /Stratostatnye izmereniia larkosti dnevnogo bezoblachnogo neba v oblasti 1-6 mkm/. 14 p2313 A67-28768
- BORTNICHUK, N. I.**
Determination of the spreading of the current in a plasma by a simulation method /Opredelenie rastekaniia toka v plazme metodom modelirovaniia/. 11 p1843 A67-24968
- BORTNIK, M. V.**
Radiative recombination at radiation defects in silicon structure /Izluchatel'naia rekombinatsiia na radiatsionnykh narusheniakh struktury v kremnii/. 13 p2172 A67-26357
Emission recombination in silicon single crystals irradiated with fast neutrons /Izluchatel'naia rekombinatsiia v monokristalakh kremnia, obлучennykh bystryimi neutronami/. 19 p3301 A67-34775
Radiative recombination at radiation defects in silicon. 21 p3879 A67-38314
- BORTNIK, S. G.**
Investigations of the neutron component of cosmic rays at atmospheric depths from 260 to 315 mb /Issledovaniia neutronnoi komponenty kosmicheskikh luchei na glubinakh atmosfery 260 - 315 mbar/. 23 p4057 A67-41119
- BORTNIKOV, A. V.**
An investigation of cyclotron instability potential and adiabatic compression of a plasma in a mirror machine. 22 p3846 A67-39487
- BORTOVOI, V. V.**
Stressed state of a momentless shell of revolution in the case of large deflections /Napriazhennoe sostoiianie bezmomentnoi obolochki vrashcheniia pri bol'shikh progibakh/. 23 p4075 A67-40681
- BORTZ, S. A.**
Continuous filament refractory fibers. 08 p1345 A67-20427
- BORTZMEYER, H.**
Performances of film-cooled rocket engines /Performances des moteurs-fusees refroidis par film/. 09 p1559 A67-22094
- BORUCKI, W. J.**
Spectrographic observations of polycarbonate, polyethylene, and polyformaldehyde in a ballistic range, an arcjet, and a diffusion flame. [AIAA PAPER 66-132] 15 p2582 A67-30206
- BORZENKO, V. L.**
Investigation of a hydrogen plasma with "hot" electrons. 21 p3666 A67-38368
- BORZHKOVSKII, I. A.**
Measurement of coherent radio emission of extensive air showers of cosmic rays /Izmerenie kogerentnogo radioizlucheniia shirokikh atmosferykh livnei kosmicheskikh
- luchei/. 02 p0318 A67-12783
Measurement of the coherent radio-frequency radiation of extensive air showers. 22 p3878 A67-40285
- BOS, A.**
Laminar, transitional, and turbulent flow with adverse pressure gradient on a cone-flare at Mach 10. [AIAA PAPER 66-493] 06 p0943 A67-18844
- BOS, W. F.**
Design of rockets for maximum payload energy. 04 p0706 A67-15240
- BOSCH, B. G.**
The Gunn effect. I - Mode of action of the Gunn effect /Der Gunn-Effekt. I - Wirkungsweise des Gunn-Effektes/. 01 p0130 A67-10253
The Gunn effect. II - Gunn effect elements and their applications /Der Gunn-Effekt. II - Gunn-Effekt-Elemente und ihre Anwendungen/. 02 p0220 A67-12196
- BOSCHITZ, E. T.**
A search for unbound T equals 1/2 levels in super 3 He. 07 p1228 A67-19563
Large angle alpha particle scattering from the 3 super plus unnatural parity states in magnesium. 20 p3488 A67-36931
- BOSE, J. E.**
Design of non-linear systems using numerical techniques. 20 p3366 A67-37368
- BOSE, R. E.**
Contamination generation due to cavitation. 20 p3469 A67-37366
- BOSE, T. K.**
Effect of heat transfer in a converging-diverging nozzle. 08 p1278 A67-21526
Variation of polytropic exponent along converging-diverging nozzle axis. 22 p3742 A67-40112
- BOSEE, R. A.**
The effect of flash blindness on the performance of naval aviators. 23 p3965 A67-41569
- BOSER, O.**
Plastic deformation of hexagonal cobalt single crystals /Die plastische Verformung von hexagonalen Kobaltinkristallen/. 17 p2873 A67-32815
- BOSINOFF, I.**
UHF telemetry systems design for the Edwards high-range. 02 p0229 A67-12007
- BOSIO, L.**
Superconductivity of three metastable forms of gallium /Supraconductibilit  de trois formes metastables du gallium/. 17 p2915 A67-32707
- BOSMAN, D.**
Aspects of digital signal processing for flight control and evaluation. 20 p3390 A67-36465
- BOSOMWORTH, D. R.**
The far infrared optical properties of LiNbO sub 3. 03 p0496 A67-13571
- BOSSOLASCO, M.**
On the behaviour of the DCF field. 06 p0994 A67-17639
Does the ionosphere "absorb" solar radiation/ques/. 12 p1932 A67-25342
Geomagnetic pulsations and auroral activity /Pulsazioni geomagnetiche ed attivita aurorale/. 15 p2474 A67-29505
- BOSTANDZHURIAN, S. A.**
Hydrodynamic thermal "explosion" of a non-Newtonian fluid /O gidrodinamicheskom teplovom "vzryve" nen'utonovskoi zhidkosti/. 01 p0052 A67-10681
The hydrodynamic thermal "explosion" of a non-Newtonian liquid. 11 p1783 A67-25068
- BOSTANJOGLO, O.**
Electron mirror observation of superconductors in the intermediate state. 17 p2912 A67-32266
- BOSTICK, W. H.**
Pair production of plasma vortices. 03 p0486 A67-14054
Intrusion of plasma into a model magnetosphere. 05 p0859 A67-17441
Probe measurements of plasma rings injected into an axial guide field. [AIAA PAPER 66-155] 12 p1975 A67-25895
Concentration of ion density in magnetic-field-aligned rotating plasma columns - Plasma eddies. 13 p2171 A67-27433
Measurement of rotational-velocity and ion-density profiles in plasma vortices. 19 p3288 A67-35361
Magnet field probe measurements of plasma inside a conical theta-pinch. [AIAA PAPER 67-659] 21 p3871 A67-38695
- BOSTROEM, R.**
Auroral electric fields. 18 p3035 A67-33600

- BOSTROM, C. O.**
Structure and decay of the Starfish radiation belt, October 1963 to December 1965. 17 p2936 A67-32534
The February 5, 1965, solar proton event. 22 p3872 A67-39812
I. The February 5, 1965, solar proton event. 22 p3873 A67-39813
II. 22 p3873 A67-39813
- BOSTWICK, D.**
Some effects of emulsion shrinkage on a hologram's image space. 17 p2863 A67-33303
- BOSWELL, D.**
Thin-film circuits - A review. 08 p1301 A67-20789
- BOTAN, E. A.**
Biotic signatures. 06 p0954 A67-19018
- BOTHE, H.**
Participation of the DFL telemetry ground station in the solar-eclipse expedition of ESRO in Greece /Einsatz der DFL-Telemetriebodenstation fuer die Sonnenfinsternis-Kampagne der ESRO in Griechenland/. 06 p0980 A67-18020
- BOTHWELL, M. R.**
The Corrosion of Light Metals. 20 p3465 A67-36634
Magnesium. 20 p3466 A67-36637
- BOTILA, T.**
Some photoelectrical properties of KRS-5 single crystals. 09 p1552 A67-21673
- BOTKA, A. T.**
Integrated microwave switching. 14 p2280 A67-28013
- BOTLEY, C. M.**
Tektites are terrestrial/ques/. 14 p2385 A67-28145
- BOTSCO, R. J.**
Nondestructive testing of composite structures with the sonic resonator. 02 p0250 A67-12630
High-resolution ultrasonics. 12 p1948 A67-25218
- BOTSFORD, A.**
Airport planning requirements for the seventies. [AIAA PAPER 67-760] 23 p3987 A67-40991
- BOTT, F. W.**
Design study of A.C. motors to operate in helium from the cryogenic liquid state to room temperature gaseous state. [AIAA PAPER 67-456] 18 p2988 A67-33930
- BOTT, I. B.**
Construction and performance of epitaxial transferred electron oscillators. 06 p0971 A67-18225
The design and performance of transferred electron oscillators - Gunn diodes. 10 p1616 A67-23532
- BOTT, T. R.**
Creep in glass fiber reinforced plastics. 16 p2694 A67-31486
- BOTTE, A.**
Problems concerning the optimal flight path /Les problemes de la route aerienne optimale/. 07 p1222 A67-19680
- BOTTE, R.**
Calculation of the behaviour of a bar during a high-strain-rate tensile test. 14 p2400 A67-28523
- BOTTEMA, M.**
Guiding of balloon-borne telescopes by off-set sun-tracking. 07 p1184 A67-19392
- BOTTENBERG, H.**
Circular-arc antenna as sector emitter /Die Kreisbogenantenne als Sektorstrahler/. 07 p1152 A67-19550
- BOTTIGLIONI, F.**
Dissociation of H sub 2 super plus and H sub 3 super plus ions in a lithium plasma /Dissociation des ions H sub 2 et H sub 3 super plus dans un plasma de lithium/. 05 p0852 A67-16600
Propagation and diffusion of a plasma column in a magnetic field /Propagation et diffusion d'une colonne de plasma dans un champ magnetique/. 19 p3275 A67-35108
- BOTTOMS, P. J.**
Thermalization of plasma electrons. 01 p0125 A67-10912
- BOUANCH, J.-P.**
Vibration-rotation spectrum of carbon monoxide - Study of the nu sub 0 goes to 3 band /Spectre de vibration-rotation de l'oxyde de carbone CO - Etude de la bande nu sub 0 goes to 3/. 13 p2160 A67-26600
- BOUCHARD, E. D.**
Evaluation of fatigue capabilities of high-performance military aircraft. 10 p1594 A67-23435
- BOUCHARD, J. G.**
Flip-chip bonding and dimensional transformation - A low cost microcircuit production technique. 18 p3014 A67-34549
- BOUCHARD, M.-G.**
Simultaneous determination of the n-jk index of an absorbant thin film and of its thickness /Determination simultanee de l'indice n-jk d'une couche mince absorbante et de son epaisseur/. 02 p0289 A67-11727
- BOUCHE, R. R.**
Vibration standards for performing comparison calibrations. 23 p4003 A67-41336
- BOUCHER, R. F.**
Some considerations in the development and operation of fluidic devices. 08 p1283 A67-20471
- BOUCHER, R. J.**
Relationships between the size of satellite-observed cirrus shields and the severity of thunderstorm complexes. 17 p2880 A67-32554
- BOUCHER, R. M.**
Sterilizing effect of high intensity airborne sound and ultrasound. 01 p0016 A67-10881
- BOUCHER, R. M. G.**
Sterilizing effects of high-intensity airborne sonic and ultrasonic waves. 04 p0562 A67-14520
- BOUCHET, P.**
Study of the coherent interaction of two waves in a plasma - Application to long-distance radio communications /Etude de l'interaction coherente de deux ondes dans un plasma - Application aux radiocommunications a grande distance/. 03 p0372 A67-14091
- BOUCHIAT, M. A.**
Interpretation of experimental results on the relaxation of optically pumped Rb in collisions with Kr atoms. 23 p4012 A67-40792
- BOUCHOULE, A.**
Propagation of electromagnetic waves in a waveguide completely or partially filled by a plasma in which there propagates an electron beam in the presence of a magnetic field /Propagation d'ondes electromagnetiques dans un guide completement ou partiellement rempli d'un plasma parcouru par un faisceau d'electrons en presence de champ magnetique/. 09 p1465 A67-22551
Wave propagation in a waveguide partially or completely filled by a plasma electron-beam system /Propagation d'ondes dans un guide partiellement ou completement rempli par un systeme plasma-faisceau d'electrons/. 09 p1550 A67-22582
Existence of intense HF oscillations due to a plasma beam interaction phenomenon in a cold cathode reflex discharge /Existence d'oscillations H.F. intenses dues a un phenomene d'interaction faisceau-plasma dans une decharge reflex a cathodes froides/. 19 p3275 A67-35109
Study of the instability resulting from the coupling between the low space-charge modes of an electron beam and the modes of the lowest electron band of a plasma, in a finite geometry and in the presence of a finite magnetic field /Etude de l'instabilite resultant du couplage des modes lents de charge d'espace d'un faisceau d'electrons avec les modes de la bande basse electronique d'un plasma, dans une geometrie finie et en presence d'un champ magnetique fini/. 22 p3847 A67-39643
- BOUDAREL, R.**
Analytical study of non-linear sampled-data systems. 08 p1312 A67-20755
Calculation and examples of application of polynomial numerical filters /Calcul et exemples d'application des filtres numeriques polynomiaux/. 19 p3205 A67-35911
- BOUDET, R.**
The problem of elasticity /Sur le probleme de l'elasticite/. 04 p0710 A67-14911
Decomposition, in orthogonal universal vectors, of the electromagnetic universal force created by a point charge animated by a universal velocity and acceleration /Sur une decomposition en vecteurs d'univers orthogonaux de la force d'univers electromagnetique creee par une charge ponctuelle dotee d'une vitesse et d'une acceleration d'univers/. 09 p1534 A67-22590
Equality of the electromagnetic field tensor created by a point charge provided with a universal velocity and acceleration to an outer product of universal vectors /Sur l'egalite a un produit exterieur de vecteurs d'univers du tenseur champ electromagnetique cree par une charge
- ponctuelle dotee d'une vitesse et d'une acceleration d'univers/. 13 p2156 A67-26594
- BOUDREAUX, D. S.**
Theory of atom-metal interaction. II - Perturbation theory in field ionization calculations. 01 p0116 A67-10206
- BOUDREAUX, R. A.**
Boundary-layer attachment flow within a liquid hydrogen tank. 19 p3310 A67-34810
- BOUGHNER, R. E.**
Equilibrium radiative heating of shocked CO sub 2. 15 p2582 A67-30216
- BOUGNOT, G.**
Study of GaSb injection lasers /Sur l'etude des lasers a injection au GaSb/. 09 p1516 A67-22600
- BOUGNOT, J.**
Diffusion and solubility in gallium antimonide. 16 p2726 A67-30811
- BOUIX, M.**
Discontinuities of the electromagnetic radiation /Les discontinuites du rayonnement electromagnetique/. 16 p2629 A67-31628
- BOULGARIDES, J. D.**
The dilemma of technical obsolescence. [SAE PAPER 670833] 24 p4257 A67-41993
- BOULIN, D. M.**
The plastic deformation of single crystals of vanadium at 298 deg and 77 deg K. 18 p3101 A67-34077
- BOUNDY, R. A.**
Nonmetallic materials for unmanned spacecraft. 15 p2507 A67-29553
Polymeric applications for the Mariner Mars, 1964 spacecraft. [JPL-TR-32-1031] 19 p3334 A67-35889
- BOURDINAUD**
Introduction to medical research in gliding - Taking an EKG in a glider /Introduction a la recherche medicale en vol a voile - Prise d'electrocardiogrammes a bord de planeur/. 04 p0563 A67-14630
- BOURGAREL, M.**
Contribution to the study of the flow at the inlet of a porous cylindrical suction tube /Contribution a l'etude de l'ecoulement a l'entree d'un tube cylindrique poreux avec aspiration/. 03 p0404 A67-13973
- BOURGAREL, M. H.**
Study of stratification similitude laws in liquid hydrogen. 13 p2186 A67-27643
- BOURGEOIS, J.-P.**
Some aerodynamic problems related to the propulsion of a hypersonic aircraft /Quelques problemes aerodynamiques lies a la propulsion d'un avion hypersonique/. [ONERA-TP-416] 05 p0748 A67-16481
- BOURGEOIS, P.**
Measurements of resistance and hall effect on thin films of PbTe, developed by vacuum evaporation on amorphous or oriented substrates /Mesures de resistivite et d'effet hall sur des couches minces de PbTe, realisees par evaporation sous vide sur des substrats amorphes ou orientes/. 19 p3307 A67-35795
- BOURGEOIS, P. C.**
Preparation and study of the crystallographic properties of thin-film PbTe vacuum-vaporized onto amorphous or oriented substrates /Preparation et etude des proprietes cristallographiques du PbTe en couches minces evaporees sous vide, sur des substrats amorphes ou orientes/. 19 p3304 A67-35422
- BOURGEOIN, M.-H.**
Some applications of holography /Quelques applications de l'holographie/. 09 p1501 A67-22555
Holographic interferometry /Interferometrie par holographie/. 19 p3232 A67-35890
- BOURGINE, A.**
New method for the characterization of structures /Sur une methode nouvelle de caracterisation des structures/. [ONERA-TP-467] 22 p3915 A67-40385
- BOURGAIN, J.**
Rapid annealing of germanium after brief irradiation /Guerison rapide du germanium apres une irradiation breve/. 17 p2918 A67-32853
- BOURICIUS, W. G.**
On-line reliability calculations to achieve a balanced design of an automatically repaired computer. 17 p2820 A67-32501
- BOURKE, D. G.**
The spacecraft computer managed laboratory - A concept for the 70's. [AIAA PAPER 67-643] 20 p3393 A67-37624

- BOURKE, R. D.
Some design considerations for planetary relay communications satellites.
[AIAA PAPER 66-314] 06 p1094 A67-17704
A method for obtaining the radius of Mars.
[JPL-TR-32-1091] 09 p1569 A67-22682
- BOURKE, R. S.
An audio-modulated tethered sonde for detailed micrometeorological soundings.
21 p3628 A67-38582
- BOURNE, H. C., JR.
Mathematical models for loss measurements in thin permalloy films with ramp drives.
15 p2536 A67-29649
Dynamic M-H loop study of energy losses in thin Ni-Fe films.
22 p3860 A67-39902
Eddy-current-free switching of Permalloy thin films.
22 p3860 A67-39903
- BOUROT, J. M.
Uniform Stokes motion of a sphere in the axis of a cylinder containing a liquid, for different diameter ratios / Sur le mouvement uniforme d'une sphere dans l'axe d'un cylindre contenant un liquide, en regime de Stokes, pour differents rapports de diametres/.
17 p2837 A67-32288
- BOURQUE, C.
Reattachment of a two-dimensional jet to an adjacent flat plate.
14 p2303 A67-28338
- BOURREZ, J. M.
A read only 70-ns waffle iron memory.
22 p3765 A67-39904
- BOURTON, M.
Various methods of functioning of a nonlinear discrete system with a variable sampling period / Divers modes de fonctionnement d'un systeme discret non lineaire a periode d'echantillonnage variable/.
11 p1769 A67-24056
Overall stability of a nonlinear discrete system with a variable sampling period / Sur la stabilite globale d'un systeme discret non lineaire a periode d'echantillonnage variable/.
11 p1770 A67-24751
- BOUSKA, J.
Crater diameter-depth relationship from Ranger lunar photographs.
06 p1087 A67-18376
- BOUSKY, S.
Diffraction-limited spot scanning.
04 p0623 A67-15321
- BOUSQUET, C.
Method of experimental determination of the equilibrium parameters in the F layer of the day ionosphere / Sur une methode de determination experimentale des parametres de l'equilibre dans la couche F de l'ionosphere diurne/.
13 p2115 A67-27211
- BOUSTEAD, J.
Kamackite-taenite relationships in iron meteorites.
06 p1087 A67-18377
- BOUTEILLE, D.
New approach and recent developments in piston fluid logic as applied to general automation.
08 p1282 A67-20470
- BOUTTES, J.
Comparison of the effects of aerodynamic coefficients on the aeroelastic stability of an automatically piloted aircraft / Influences comparees des coefficients aerodynamiques sur la stabilite aeroelastique d'un avion pilote automatiquement/.
[ONERA-TP-418] 05 p0751 A67-16483
Controlled booster stage "BER" for sounding-rockets.
[ONERA-TP-442] 08 p1404 A67-20495
Controlled booster stage "BER" for sounding rockets.
21 p3712 A67-37802
- BOUVIER, P.
Influence of a finite value of escape velocity on the distribution of residual velocities / Influence d'une vitesse finie d'evasion sur une distribution normale des vitesses residuelles/.
16 p2746 A67-30836
- BOUWHUIS, G.
Measurements on the anomalous non-linear preference for circular mode polarization in a 1.523 mu He-Ne laser.
22 p3815 A67-39522
- BOVA, B. W.
Survey of chemical signatures.
06 p1092 A67-19014
- BOVA, N. T.
Optimum value of the reactance of a parametric element at microwave frequencies.
02 p0214 A67-11912
An SHF commutator with ferroelectric components / Kommutator SVCh na segnetoelementakh/.
03 p0378 A67-13247
- BOVARD, R. M.
Potential technical variations of solid state

- generators.
23 p3968 A67-41621
- BOVILLE, B. W.
Planetary waves in the stratosphere and their upward propagation.
10 p1643 A67-23248
- BOVKUN, G. A.
Some properties of carbide and boride diffusion coatings on refractory metals.
19 p3243 A67-34921
- BOVSHEVEROV, V. M.
Oscillation of the image of an artificial source of light in the near-earth atmospheric layer / Drozhanie izobrazhenia lskusstvennogo istochnika sveta v prizemnom sloe atmosfery/.
02 p0238 A67-11987
- BOWDEN, C. M.
Superhyperfine interactions in the electron-spin-resonance spectrum of substitutional Gd super 3 super plus impurity in CaF sub 2 single crystals under applied stress.
17 p2913 A67-32387
- BOWDEN, F. P.
Friction, lubrication and wear - A survey of work during the last decade.
05 p0809 A67-16065
Formation of cavities and microjets in liquids and their role in initiation and growth of explosion.
11 p1883 A67-24631
- BOWDITCH, D. N.
Experimental performance of a low-power MPD arc thruster.
[AIAA PAPER 67-50] 06 p1074 A67-18436
A Langmuir calorimetric probe to determine average energy per ion in a tenuous plasma beam.
06 p1076 A67-18879
- BOWDITCH, F. H.
A nozzle thermocouple for measurements in high-temperature gases.
13 p2121 A67-27464
- BOWEN, F. W.
The effect of various propellants and propellant mixtures on an MPD arc jet.
[AIAA PAPER 67-684] 21 p3688 A67-38715
- BOWEN, J. R.
Investigation of the scattering of laser light by a plasma.
05 p0820 A67-16665
Approximations to the structure of a laminar detonation wave by the method of matched asymptotic expansions.
11 p1749 A67-23858
- BOWEN, R. M.
Toward a thermodynamics and mechanics of mixtures.
15 p2517 A67-29463
- BOWEN, T.
A two-temperature statistical model for particle production at high energies.
13 p2161 A67-27398
A method for optically coupling a 5" photomultiplier tube.
24 p4158 A67-42700
- BOWER, G. M.
Resins and reinforced plastic laminates for continuous use at 650 deg F.
22 p3825 A67-39853
- BOWER, J. E.
Local buckling strength of fiberglass-wound maraging-steel cylinders.
05 p0923 A67-17211
- BOWER, R.
Zn and Te implantations into GaAs.
15 p2536 A67-29495
- BOWERS, E. J., JR.
Calibration of star-tracker bias errors on OAO.
17 p2955 A67-32479
- BOWERS, H. C.
Extension of CO sub 2 -laser wavelength range with isotopes.
17 p2869 A67-33062
- BOWERS, J. A.
Cumulative effects of venesection and lower body negative pressure.
10 p1599 A67-23813
- BOWERS, J. L.
Orbital gyrocompassing heading reference.
[AIAA PAPER 67-587] 19 p3258 A67-35983
- BOWES, C. A.
Signal conditioning variable resistance transducers with constant current excitation.
01 p0071 A67-11099
- BOWHILL, S. A.
The interpretation of rocket and satellite measurements of electron and ion temperature.
12 p1935 A67-25796
Rocket observations of the lowest ionosphere at sunrise and sunset.
12 p1935 A67-25798
Origin of field-aligned irregularities in the F sub 2 layer.
[AGARDOGRAPH 95] 15 p2484 A67-30305
- BOWIE, J. L.
Electromagnetic characteristics of a bounded plasma slab.
01 p0022 A67-10443
- BOWIE, O. L.
Analysis of edge notches in a semi-infinite

- region.
08 p1414 A67-20347
The effective crack length of an edge slot in a semi-infinite sheet under tension.
23 p4074 A67-40664
- BOWLES, J. A.
A measurement of the solar X-ray flux in the wavelength range below 5 angstrom units.
16 p2739 A67-31411
- BOWLES, K. L.
Secondary irregularities in the equatorial electrojet.
08 p1328 A67-21465
- BOWLES, L. W.
Low-noise receivers for transportable system.
14 p2260 A67-27782
- BOWLES, R. E.
Components for FM and AM fluidic circuits.
08 p1282 A67-20469
- BOWLIN, R. C.
Dynamic analysis of the reaction control rocket engines and propellant system of the lunar module using digital computer methods.
01 p0142 A67-11435
- BOWLING, T. S.
D-region measurements during a solar eclipse.
19 p3222 A67-35454
- BOWLUS, D. A.
Free convection from a vertical flat plate with step discontinuities in surface temperature.
[ASME PAPER 66-WA/HT-17] 04 p0739 A67-15930
On the flow of air at chemical equilibrium near a stagnation point.
06 p0984 A67-18113
Integration of coupled nonlinear equations in boundary-layer theory with specific reference to heat transfer near the stagnation point in three-dimensional flow.
13 p2224 A67-27463
- BOWMAN, B. M.
Check antennas before building them.
05 p0775 A67-16969
- BOWMAN, C. R.
Drift velocities of slow electrons in methane, ethane, ethylene, propylene, acetylene, and 1-butene.
11 p1824 A67-24994
- BOWMAN, G. G.
Flexible anisotropic magnets.
23 p4041 A67-41183
- BOWMAN, J. E.
Cylindrical afterbodies in supersonic flow with gas ejection.
17 p2793 A67-33041
- BOWMAN, J. J.
The effect of curvature on the reflection coefficient of layered absorbers.
03 p0370 A67-13852
High-frequency backscattering from an absorbing infinite strip with arbitrary face impedances.
18 p3005 A67-34730
- BOWMAN, J. S.
An active filter for low frequency noise power spectra measurement.
02 p0216 A67-12038
- BOWMAN, L. S.
Oscillation of silicon pn junction avalanche diodes in the 50 to 140 GHz range.
01 p0035 A67-10436
- BOWMAN, R.
Semiconductor sensors for pressure measurement at cryogenic temperatures.
01 p0069 A67-11017
- BOWMAN, R. L.
The performance of n/p silicon and CdS solar cells as affected by simulated micrometeoroid exposure.
13 p2056 A67-27440
Effect of simulated micrometeoroid exposure on performance of N/P silicon solar cells.
15 p2423 A67-30219
The performance of n/p silicon and CdS solar cells as affected by simulated micrometeoroid exposure.
23 p3941 A67-41521
- BOWMAN, R. R.
Field strength above 1 GHz - Measurement procedures for standard antennas.
17 p2815 A67-32609
- BOWMAN, T. E.
Weightless liquids.
03 p0404 A67-13890
The venting of saturated liquids in zero gravity.
12 p2034 A67-25726
- BOWMAN, W. C.
Transient radiation response mechanisms in microelectronics.
04 p0589 A67-15721
- BOWSHER, J. M.
A further experiment on judging the noisiness of aircraft in flight.
04 p0552 A67-15576
- BOWYER, J. M., JR.
Determination of optimum nozzle contours for the expansion of dissociated gases by methods of the variational calculus.
02 p0305 A67-12353

- BOX, G. E. P.**
Models for forecasting seasonal and non-seasonal time series. 20 p3477 A67-36790
- BOYCE, A. H.**
A theoretical and practical study of active filters. 17 p2824 A67-32394
- BOYCE, M. P.**
Design of compressor blades suitable for transonic axial-flow compressors. [ASME PAPER 67-GT-47] 11 p1742 A67-24808
- BOYCE, R. J.**
Flow behavior of low molecular weight polybutadiene, carboxyl-polybutadiene, and butadiene-acrylonitrile copolymers. 20 p3473 A67-36914
- BOYCE, W. E.**
Stochastic nonhomogeneous Sturm-Liouville problems. 02 p0258 A67-11587
- BOYD, B. R.**
Application of the MIRA 150A variable thrust rocket engine to manned lunar exploration flying systems. [AIAA PAPER 67-505] 18 p3113 A67-33969
- BOYD, G. D.**
The second harmonic generation of light by focused laser beams. 05 p0817 A67-16640
- BOYD, M. A.**
Effects of transverse secondary flow on the laminar-turbulent transition of a free axisymmetric jet. 14 p2303 A67-28328
- BOYD, R. G.**
Nucleation of superconductivity at a tunneling barrier of high transmissivity. 07 p1235 A67-20131
Nucleation of superconductivity at a tunneling barrier. 09 p1552 A67-21745
- BOYD, R. L. F.**
Ion and electron energy distribution in the hydrogen discharge. 06 p1037 A67-18762
- BOYD, T. J. M.**
Nonlinear extraordinary waves in a cold plasma. 15 p2524 A67-29230
- BOYD, W. K.**
Causes of stress-corrosion cracking. 04 p0636 A67-14804
- BOYENVAL, E. H.**
Pulse compression research in the United Kingdom. 04 p0572 A67-15032
- BOYER, C.**
Determination of the rotational velocity of the spots of Venus /Determination de la vitesse de rotation des taches de Venus/. 13 p2198 A67-26588
Ultraviolet photographs and the radar cross section of Venus in 1966. 21 p3705 A67-38611
- BOYER, K.**
Rover testing facilities. [AIAA PAPER 66-1003] 03 p0397 A67-14148
Nuclear rockets. [AIAA PAPER 67-981] 24 p4187 A67-43054
- BOYER, Y.**
Investigation of the effects of anthocyanin glucosides on the night vision of airport approach controllers /Etude des effets des glucosides d'anthocyane sur la vision nocturne des controleurs d'approche d'aerodrome/. 04 p0561 A67-14633
- BOYLAN, D. E.**
Aerodynamics of typical lifting bodies under conditions simulating very high altitudes. 06 p0943 A67-18847
Experimental flow field investigations near the sharp leading edge of a cooled flat plate in a hypervelocity, low-density flow. 14 p2241 A67-28165
- BOYLAN, R. P.**
Foreign particles and space equipment reliability. 09 p1481 A67-22312
- BOYLE, M. H.**
The flow of carriers and its effect on the spatial distribution of radiation from injection lasers. 10 p1666 A67-23522
- BOYLES, R. Q.**
Aircraft design augmented by a man-computer graphic system. [AIAA PAPER 67-898] 24 p4127 A67-43007
- BOYLETT, F. D. A.**
Ion and electron energy distribution in the hydrogen discharge. 06 p1037 A67-18762
- BOYNTON, F. P.**
Total emissivity of hot water vapor. I - High pressure limit. 01 p0167 A67-10973
Highly underexpanded jet structure - Exact and approximate calculations. 19 p3171 A67-35768
- BOYNTON, J. H.**
Flight operations planning and preparation for manned orbital missions. [AIAA PAPER 66-904] 03 p0519 A67-14131
- BOYSEL, L.**
Memory on a chip - A step toward large-scale integration. 07 p1155 A67-19845
- BOZIC, S. M.**
Excess noise in semiconducting devices due to fluctuations in their characteristics when signals are applied. 17 p2828 A67-33383
- BOZICH, D. J.**
Real-time acquisition of acoustic and vibration data with an on-line digital computer. 01 p0029 A67-11025
- BOZIS, G.**
The applicability of a new integral in the restricted three-body problem. 15 p2557 A67-29877
- BOZOKI, G.**
Zenthal angular distribution of nuclear-active charged particles of mean energies above 60 Gev /Zentnoe uglovoe raspredelenie zarlazhennykh iadernno-aktivnykh chastits so srednim energiami vysh 60 Gev/. 24 p4217 A67-42831
- BOZOWSKI, S.**
Transition of type-I superconducting thin films in a perpendicular magnetic field - A microwave study. 22 p3856 A67-39437
- BOZZONI, E.**
A general analysis of the performance of the oscillating limiter with noiseless signals. 01 p0025 A67-10859
- BRABBS, T. A.**
Recombination of carbon monoxide and atomic oxygen at high temperatures. 18 p2997 A67-33790
- BRABETS, R. I.**
Ozone measurement survey in commercial jet aircraft. 06 p0947 A67-18008
- BRACCESI, A.**
On the continuity of radio parameters between radiogalaxies and Q.S.S. 20 p3525 A67-36947
- BRACE, L. H.**
Progress in magnetospheric radio. 05 p0795 A67-16011
Global behavior of the ionosphere at 1000-kilometer altitude. 07 p1181 A67-19935
The ionosphere at 640 kilometers on quiet and disturbed days. 15 p2475 A67-29610
Ion composition and temperature in the topside ionosphere. 22 p3790 A67-39804
- BRACEWELL, R. N.**
The 9.1-cm spectroheliogram of May 20, 1966. 07 p1251 A67-19914
Isotropy of cosmic background radiation at 10,690 MHz. 11 p1857 A67-25000
Optimum spacings for radio telescopes with unfilled apertures. 14 p2284 A67-28435
- BRACK, K.**
Nucleation of epitaxial SiC on Si surfaces. 02 p0299 A67-11894
- BRACKEEN, R. E.**
Thrust-augmented maneuvering in atmospheric entry. 20 p3533 A67-36584
- BRACKEN, J.**
Minimizing reductions in readiness caused by time-phased decreases in aircraft overhaul and repair activities. 01 p0016 A67-10932
A nonlinear programming model for launch vehicle design and costing. 12 p2013 A67-26193
- BRACKENRIDGE, J. B.**
Criteria for quantitative Schlieren interferometry. 11 p1791 A67-24668
- BRADBURY, L. J. S.**
A suggestion for compressible flow graphs for use in subsonic flow. 01 p0007 A67-11268
A mixing theory for the hovering of peripheral-jet air cushion vehicles. 06 p0991 A67-18752
The spread of a turbulent plane jet issuing into a parallel moving airstream. 08 p1321 A67-20713
Simple expressions for the spread of turbulent jets. 16 p2657 A67-30615
- BRADEN, C. H.**
Beta-gamma directional correlation in Sb super 125. 02 p0269 A67-11863
- BRADFIELD, R. B.**
Morphological changes in human scalp hair roots during deprivation of protein. 19 p3177 A67-34954
- BRADFIELD, V. L.**
Plastic foam casting of vibration and shock fixtures. 12 p1949 A67-25687
- BRADFORD, A. P.**
The thermal emittance of mica as a function of thickness. [AIAA PAPER 67-288] 12 p1958 A67-26005
- BRADFORD, J. N.**
Magnetic Q spoiling of cooled ruby. 02 p0253 A67-12505
- BRADFORD, P. V.**
An analysis of plasma emission by correlation radiometry. 09 p1536 A67-21601
- BRADFORD, R. E.**
Conditioning of digitized Tiro and ESSA satellite vidicon data. 24 p4156 A67-42431
- BRADFORD, W. C.**
Design of an onboard checkout system. 03 p0399 A67-14212
Acceptance checkout equipment for spacecraft - ACE-s/c. 20 p3391 A67-36976
- BRADLEY, C. M.**
Design and performance evaluation of aircraft nucleonic fuel gaging system by computer techniques. 05 p0842 A67-16542
- BRADLEY, D.**
Ionization and electron temperatures in carbon monoxide and hydrogen flames with added methane. 18 p3151 A67-33807
- BRADLEY, D. J.**
Intensity dependent frequency shift in ruby laser giant pulses. 01 p0088 A67-10251
Quasi-linear dispersion spherical Fabry-Perot interferograms for giant pulse laser spectroscopy. 19 p3241 A67-35804
Recent developments in the application of the Fabry-Perot interferometer to space research. 20 p3440 A67-36359
Optical sum generation of the two-frequency output of a giant pulse ruby laser. 20 p3458 A67-36389
A tunable, two frequency output, giant pulse ruby laser. 23 p4015 A67-41038
- BRADLEY, E. C.**
Accuracy of launch vehicle cost analysis. 15 p2568 A67-29847
- BRADLEY, E. F.**
Effects of turbine atmospheres on sulfidation corrosion. [ASME PAPER 67-GT-2] 11 p1808 A67-24790
Improving frictional behavior with surface treatments. 14 p2324 A67-27999
Coated columbium alloys for jet engine turbine vanes. 23 p4020 A67-41402
- BRADLEY, G. A.**
How to determine antenna pattern loss. 06 p0968 A67-17964
- BRADLEY, J. N.**
Electrical systems for ground testing. [AIAA PAPER 67-270] 07 p1167 A67-20079
- BRADLEY, J. V.**
Control-display association preferences for concentric controls. 14 p2258 A67-28665
- BRADLEY, W. B.**
Transient analysis in a fracturing epoxy plate with a central notch. 16 p2775 A67-31325
- BRADLEY, W. E.**
Telefactor control of space operations. [AIAA PAPER 66-918] 02 p0204 A67-12250
Telefactor control of space operations. 13 p2063 A67-27213
An airborne precipitation collector. 21 p3628 A67-38583
- BRADSELL, P.**
Moving target indication - A survey of developments since 1948. 04 p0573 A67-15037
- BRADSHAW, E. F.**
Multiple contact Schottky barrier microwave diode. 05 p0780 A67-17526
Fabrication and characteristics of high power microwave varistor diodes. 16 p2642 A67-31723
- BRADSHAW, P.**
The effect of initial conditions on the development of a free shear layer. 02 p0231 A67-11559
Step-induced separation of a turbulent boundary layer in incompressible flow. 06 p0985 A67-18132
The magnification of roughness drag by pressure gradients. 06 p0990 A67-18748
Irrotational fluctuations near a turbulent boundary layer. 08 p1320 A67-20705
A low-turbulence wind tunnel driven by an aerofoil-type centrifugal blower. 09 p1485 A67-22162
The philosophy and some design features of the Hawker Siddeley 748. 15 p2419 A67-29509
Calculation of boundary-layer development using the turbulent-energy equation. 15 p2472 A67-29657
The philosophy and some design features of the Hawker Siddeley 748. 18 p2986 A67-34074
Mixing-length velocity profile in boundary layers with transpiration. 19 p3211 A67-35752
The turbulence structure of equilibrium

- boundary layers. 23 p3990 A67-41168
- BRADSHAW, W.**
Thermal diffusivity measurements of graphites and chars using a pulsed laser. [AIAA PAPER 65-644] 03 p0449 A67-13062
- BRADT, H.**
A measurement of the location of the X-ray source SCO X-1. 02 p0308 A67-11771
On the optical identification of SCO X-1. 02 p0324 A67-11772
The size and position of the X-ray source in the Crab Nebula. 13 p2189 A67-26263
- BRADT, R. C.**
Dielectric aging and microstructure in the system BaTiO sub 3 -CaTiO sub 3. 06 p1020 A67-18047
- BRADY, D. P.**
Recent results with epitaxial GaAs Gunn effect oscillators. 01 p0033 A67-10026
Characteristics of epitaxial gallium arsenide Gunn oscillators. 10 p1615 A67-23530
- BRADY, F. B.**
A new precision instrument-approach system /Un nouveau systeme de precision d'approche aux instruments/. 19 p3255 A67-35807
- BRADY, J. F.**
X-radiation effects on vibration tolerance of rats. 09 p1452 A67-21719
Reach effectiveness in a rotating environment. 23 p3956 A67-41630
- BRADY, J. L.**
The orbit of Halley's comet. 15 p2557 A67-29874
- BRADY, K.**
Long cylindrical shell under loads applied to a reinforcing ring. 21 p3727 A67-38871
- BRADY, P. T.**
A stochastic model of message interchange on a channel with transmission delay. 17 p2811 A67-32115
- BRADY, W. G.**
Numerical analysis of two free-boundary problems in fluid dynamics. [AIAA PAPER 67-217] 06 p0988 A67-18460
- BRAECKELMANN, W.**
The cutoff frequencies of higher modes in a coaxial cable of elliptical cross section /Die Grenzfrequenzen von hoeheren Wellentypen im Koaxialkabel mit elliptischem Querschnitt/. 20 p3382 A67-36861
- BRAFMAN, M.**
Investigations by the tagged-atom method of the process of technological purification of germanium tetrachloride to the semiconductor-level of purity /Badania metoda atomow znaczonych procesu technologicznego oczyszczania czterochloru germanu do polprzewodnikowego stopnia czystosci/. 18 p3104 A67-34600
- BRAGG, L. R.**
The radial heat equation and Laplace transforms. 03 p0460 A67-13819
A Rodrigues' formula for the Laguerre polynomials. 10 p1875 A67-26630
The radial heat equation with pole type data. 13 p2145 A67-26492
- BRAGIN, I. A.**
Direct measurements of ion and electron concentration in the stratosphere and the mesosphere. 10 p1648 A67-23284
- BRAGIN, I. U. A.**
Effect of corpuscular streams and the reaction of photodetachment of electrons on the formation of the D layer of the ionosphere /O vliyanii korpuskularnykh potokov i reaktsii fotootlupaniya elektronov na obrazovanie D-sloia ionosfery/. 09 p1491 A67-21894
Direct measurements of ion and electron concentrations in the stratosphere and mesosphere. 12 p1933 A67-25650
Direct measurements of the day and night charged-particle-concentration profiles below 80 km /Priamyie izmereniya dnevnogo i nochnogo profilov kontsentratsii zarizhennykh chastits nizhe 80 km/. 17 p2842 A67-32258
On the nature of D layer in the ionosphere. 19 p3218 A67-35227
On interpretation of charged particles concentration at the heights of 10-60 km. 19 p3219 A67-35249
- BRAGIN, O. V.**
Behavior of benzene and some other organic compounds in a focused laser beam /O povedenii benzola i nekotorykh drugikh organicheskikh soedinenii v sfokusirovannom lazernom puchke/. 05 p0759 A67-17028
- BRAGINSKII, V. B.**
Radio physical method for measuring small mechanical oscillations /Ob odnom radiofizicheskom metode izmereniya malyykh mekhanicheskikh kolebani/. 05 p0805 A67-16357
Ponderomotive effects of electromagnetic radiation /O ponderomotornykh effekтах elektromagnitnogo izlucheniya/. 14 p2349 A67-29075
Concerning the effective generation and observation of gravitational waves. 18 p3117 A67-33527
- BRAIER, A.**
Direct study of motion under the influence of Newtonian forces /Etude par voie directe du mouvement sous l'action des forces Newtoniennes/. 21 p3658 A67-38553
Forced motion of a linear oscillator subjected to harmonic AM perturbations /Miscarea forzata a oscilatorului linar supus la perturbatii modulate armonice in amplitudine/. 21 p3658 A67-38554
- BRAIG, W.**
Optimization of engine design for a given flight program /Beitrag zur Optimierung der Triebwerksauslegung fuer ein gegebenes Flugprogramm/. 06 p1073 A67-17606
- BRAILOVSKAIA, I. I. U.**
Calculation of a flow of viscous compressible gas past a corner /Raschet obtekanii ugla potokom viazkogo szhlaimaogo gaza/. 18 p3027 A67-34205
- BRAINERD, G. R.**
Thyristors provide high-power R-F generation for VLF/LF transmitter. 22 p3771 A67-39842
Solid state designs for phased arrays. 22 p3761 A67-39861
- BRAININ, S. M.**
The identification of random parameters. 15 p2461 A67-30323
- BRAININA, M. Z.**
Calculation of the derivatives of a radiation dose by the Monte Carlo method in the optimization of the shape and composition of radiation-protection shields /Vychislenie proizvodnykh dozy metodom Monte-Karlo dlia optimizatsii formy i sostava radiatsionnoi zashchity/. 21 p3577 A67-38425
- BRAMAN, R. S.**
Indirect sensing of quiescent parameters for built-in test equipment. 03 p0388 A67-14216
- BRAMANTI, M.**
Solid state dispersion lines using YIG crystals /Sulle linee dispersive allo stato solido impieganti cristalli di YIG/. 20 p3507 A67-36241
Behavior of unmatched dispersive lines /Sul comportamento delle linee dispersive disadattate/. 20 p3379 A67-36380
- BRAMBILLA, M.**
Behavior and stability of an electron plasma in the presence of a time-dependent electric field /Comportement et stabilite d'un plasma d'electrons en presence d'un champ electrique dependant du temps/. 09 p1549 A67-22553
Calculation of the self-consistent field in a high-frequency plasma accelerator /Calcul du champ autoconsistant dans un accelerateur haute frequence a plasma/. 10 p1683 A67-22852
Investigation of the relativistic effects of high-frequency plasma accelerators /Etude des effets relativistes dans les accelerateurs haute frequence a plasma/. 15 p2527 A67-29475
- BRAMBRING, J.**
Plasma resonance emission of silver /Plasmaresonanzstrahlung von Silber/. 08 p1368 A67-20787
Plasma resonance absorption for potassium /Plasmaresonanzabsorption an Kalium/. 10 p1691 A67-23478
- BRAMLEY, A.**
Transmission of ultrashort coherent pulses through the ionosphere. 17 p2812 A67-32312
- BRAMLEY, E. N.**
Diffraction of an angular spectrum of waves by a phase-changing screen. 06 p0982 A67-17969
Effect of irregular fields on aperture reception characteristics. 13 p2071 A67-27402
Diffraction by a deeply modulated random-phase screen. 13 p2071 A67-27403
The effects of ion drag and of plasma forces on neutral air winds in the F-region. 22 p3789 A67-39479
- BRAMMER, W. G., JR.**
Determination of omega phase morphology in Ti-35 percent Nb by transmission electron microscopy. 23 p4017 A67-40653
- BRANCAZIO, P. J.**
Abundance anomalies produced by nuclear reactions in stellar surface layers. 24 p4228 A67-42263
I. Abundance anomalies produced by nuclear reactions in stellar surface layers. 24 p4228 A67-42264
II. Abundance anomalies produced by nuclear reactions in stellar surface layers. 24 p4228 A67-42264
- BRANCHFLOWER, G. A.**
The image dissector camera - A new approach to spacecraft sensors. 20 p3445 A67-36541
- BRAND, F. A.**
Microwave solid state devices and circuits. 18 p3015 A67-34595
- BRAND, H.**
Determination of symmetrical gain curves in multifrequency optical oscillators. 09 p1514 A67-22271
- BRAND, K. W.**
Lambert diffuse reflection from general quadric surfaces. 13 p2158 A67-26877
- BRAND, L.**
Differential and difference equations. 02 p0280 A67-12473
- BRANDES, D. J.**
The development of the closed-Brayton cycle power conversion system. [AIAA PAPER 66-889] 02 p0183 A67-12268
- BRANDEWIE, G. V.**
The process origin of impurities in hermetic electronic device packages. 21 p3636 A67-38632
- BRANDEWIE, R. A.**
Heterodyne detection and linewidth measurement with high power CO sub 2 lasers. 06 p1010 A67-17891
- BRANDI, G.**
Regulation of ventilation during rebreathing at imposed respiratory frequencies. 07 p1133 A67-19479
- BRANDMAIER, H. E.**
Radial space charge fields in electro-fluid dynamic generators. 12 p1901 A67-25933
Factors influencing electro-fluid dynamic power generation. 19 p3175 A67-34801
The major problem in electro-fluid dynamic power generation. 24 p4107 A67-42527
- BRANDMUELLER, J.**
Improvement of resolution by a photoelectric Raman spectrometer with He-Ne laser excitation. 09 p1492 A67-21561
Recording of Raman spectra excited by quasi-continuous and continuous ruby lasers /Registrierung von Ramanspektren bei Erregung mit quasikontinuierlichen und kontinuierlichen Rubinlasern/. 19 p3240 A67-35546
- BRANDON, P. S.**
Dispersors for pulse compression systems. 04 p0574 A67-15054
- BRANDT, A.**
Estimates for difference quotients of solutions of Poisson type difference equations. 02 p0258 A67-11555
- BRANDT, B.**
Theory of current-voltage characteristics of a low pressure discharge in a planar magnetron. 19 p3277 A67-35120
- BRANDT, G. B.**
Reflection holograms of focused images. 20 p3435 A67-36201
Hologram-moire interferometry for transparent objects. 21 p3624 A67-37853
- BRANDT, H. B.**
An annular ion source with hydrogen emitting anode. 19 p3297 A67-35596
- BRANDT, J. C.**
On mass models of the galactic system. 02 p0324 A67-11768
Interplanetary gas. 08 p1399 A67-21238
XIII. Interplanetary gas. XII. 14 p2386 A67-28481
Temperature of the solar corona from intensity gradients measured during the May 30, 1965 total eclipse. 14 p2387 A67-28564
The search for solar M-regions. 16 p2749 A67-31414
Interplanetary gas. XIV. 17 p2945 A67-32644
Temperature of the solar corona from intensity gradients measured during the May 30, 1965 total eclipse. 19 p3318 A67-35017
Radar observations and the extent of coronal heating. 20 p3528 A67-37477
- BRANDT, P. N.**
Modulation transfer functions of some solar recording films. 23 p4001 A67-41237
- BRANDT, U.**
Theory of the density of states of pure type-II superconductors in high magnetic

- fields. 15 p2533 A67-29089
- BRANDUS, L.**
Considerations on the electron diffusion in the low-voltage arc plasma. 19 p3279 A67-35140
- BRANN, R. P.**
Notes on the harmonic excitation of multi-degree unstable systems. 08 p1415 A67-20479
- BRANNEN, E.**
Time dependence of the power output at 119 μ in a water vapor laser. 11 p1801 A67-24728
Time dependence of the power output at 337 μ in a CN laser. 13 p2127 A67-27017
- BRANOVER, G. G.**
Turbulent magnetohydrodynamic flows in prismatic and cylindrical pipes /Turbulentnye magnitogidrodinamicheskie techeniya v prizmaticheskikh i tsilindricheskikh trubakh/. 04 p0669 A67-15513
Magnetohydrodynamic jet flow in a bounded space /Magnitogidrodinamicheskoe struinoe techenie v ogranichenom prostranstve/. 04 p0669 A67-15518
Resistance in an MHD flow past a sphere /K voprosu o soprotivlenii pri magnitogidrodinamicheskom obtekanii shara/. 04 p0670 A67-15530
Turbulent flow in a plane perpendicular to a magnetic field /Turbulentnoe techenie v ploskosty, perpendikularnoi magnitnomu polu/. 06 p1044 A67-18678
Resistance of rough pipes during turbulent flow in a transverse magnetic field /Soprotivlenie sherokhovatykh trub pri turbulentnom techenii v poperechnom magnitnom pole/. 06 p1044 A67-18690
Turbulent MHD jet flows in a bounded space /Struinye turbulentnye MGD-techeniya v ogranichenom prostranstve/. 17 p2901 A67-32565
Flow of conductive fluid in circular pipes within a transverse magnetic field /Tehenie provodiaschel zhidkosti v kruglykh trubakh v poperechnom magnitnom pole/. 20 p3501 A67-37304
- BRANSON, N. J. B. A.**
Linear polarization of radio sources at a wavelength of 21.3 cm. 13 p2198 A67-28714
- BRANSS, A.**
Participation of the MSQ radar group in the solar eclipse expedition /Einsatz der MSQ-Radargruppe bei der Sonnenfinsternis-Expedition/. 15 p2467 A67-29574
- BRASHEAR, R. H., JR.**
A second generation of reliability for Sergeant. 09 p1572 A67-22309
- BRASHER, W. E.**
Effects of high-temperature devices on close solar probe mission planning. 22 p3903 A67-39956
- BRASKI, D. N.**
Elastic modulus of stabilized zirconia. 16 p2695 A67-31701
- BRASLAW, N.**
Metal-semiconductor contacts for GaAs bulk effect devices. 13 p2183 A67-27587
Velocity-field characteristic of gallium arsenide from measurement of the conductivity in a microwave field. 14 p2369 A67-28601
- BRASSE, A. W.**
An adaptive guidance scheme for orbital rendezvous. 22 p3832 A67-39964
- BRATSKYKHIN, V. M.**
Electronographic determination of the thermal expansion coefficients of thin films /Elektronograficheskoe opredelenie koeffitsientov termicheskogo rasshireniya tonkikh plenok/. 12 p1939 A67-25242
- BRATT, J. F.**
Plastic strength of anisotropic rotating discs. 13 p2125 A67-27737
- BRATTSEV, V. F.**
Ionization of a hydrogen atom by electron impact in the three-body approximation of classical mechanics /Ionizatsiya atoma vodoroda elektronnyim udarom v priblizhenii trekh tel klassicheskoi mekhaniki/. 14 p2351 A67-29072
- BRAU, C. A.**
Transient phenomena in dissociative reactions. 03 p0474 A67-14025
Kinetic theory of polyatomic gases - Models for the collision processes. 08 p1323 A67-21386
On the stochastic theory of dissociation and recombination of diatomic molecules in inert diluents. 22 p3756 A67-39386
- BRAUDE, B. V.**
The use of methods of control of the surface of optical telescopes for the adjustment of pencil-beam radio telescopes. 07 p1189 A67-20244
Measuring the parameters of narrow-beam antennas in the near zone /K voprosu ob izmerenii parametrov ostronapravlyennykh antenn v blizhnei zone/. 08 p1306 A67-21348
Measurement of near-field parameters of pencil-beam antennas. 17 p2822 A67-31944
- BRAUDE, P. A.**
Application of an ion beam to the microworking of thin metallic coatings on a dielectric /Primenenie ionnogo puchka dlia mikroobrabotki tonkikh metallicheskh pokrytiy na dielektrike/. 03 p0432 A67-14269
Use of ion beams in machining small parts from metal films deposited on dielectrics. 14 p2325 A67-28779
- BRAUDE, S. IA.**
A practical method of calculating the Fresnel coefficients. 02 p0266 A67-11910
Spectra and frequency dependences of angular dimensions for some models of discrete sources of cosmic radio emission /Spektry i chastotnye zavisimosti uglovyykh razмеров dlia nekotorykh modelей diskretnykh istochnikov kosmicheskogo radioizlucheniya/. 15 p2549 A67-29140
Spectra and the frequency dependence of angular dimensions of some models of discrete sources of cosmic radio emission. 24 p4222 A67-43063
- BRAUE, G. C.**
Ejection capability versus the decision to eject. 22 p3754 A67-39596
- BRAUER, F.**
Perturbations of nonlinear systems of differential equations. II. 12 p1961 A67-26060
- BRAUN, E.**
Shubnikov-de Haas effect in tellurium. 06 p1065 A67-18949
Transport coefficients in a plasma. I, II. 15 p2522 A67-29210
- BRAUN, J.**
Measurement of the electrical conductivity of 3 super He plasma induced by neutron irradiation. 09 p1542 A67-21813
- BRAUN, L.**
Precision thin-film cermet resistors for integrated circuits. 03 p0381 A67-13663
- BRAUN, W.**
A vacuum ultraviolet flash photolysis apparatus. 05 p0807 A67-16782
Flash photolysis of methane in the vacuum ultraviolet. II. 12 p1904 A67-26228
- BRAUN, W. G.**
The temperature distribution in a vortex-cooled hydrogen arc. 19 p3279 A67-35142
- BRAUNE, F.-G.**
Development of a new fatigue-stress concentration factor /Die Entwicklung einer neuen Kerbwirkungszahlgleichung/. 05 p0919 A67-16592
- BRAUNFELD, S. G.**
Experimental determination of the coordinates of distant satellites with the aid of a TV system /Opyt opredeleniya koordinat dalekikh sputnikov s pomoshch'yu televizionnoi sistemy/. 16 p2621 A67-30683
- BRAUNSTEIN, A. I.**
Double injection in evaporated silicon films. 16 p2728 A67-31035
- BRAUNSTEIN, M.**
Double injection in evaporated silicon films. 16 p2728 A67-31035
- BRAUNSTEIN, M. L.**
An information-processing model of the aircraft accident investigator. 15 p2420 A67-29896
- BRAUNSTEIN, R.**
Saturable transmission by multiphoton absorption in semiconductors. 24 p4200 A67-41863
- BRAUSER, K. J.**
System philosophy of automatic learning systems in application to autopilots /Die Systemphilosophie lernender Automaten in der Anwendung auf Autopiloten/. 02 p0186 A67-12084
- BRAVERMAN, A. S.**
Helicopters-Design and Engineering. 1 - Aerodynamics /Vertolety-Raschet i Proektirovaniye. 1 - Aerodinamika/. 04 p0551 A67-15266
Helicopters-Design and Development. Book 2 - Vibrations and Dynamic Stability /Vertolety-Raschet i Proektirovaniye. Kniga 2 - Kolebaniya i Dinamicheskaya Prochnost'/. 16 p2597 A67-31812
- BRAVERMAN, J. D.**
Reliability modeling with conditional probability logic. 01 p0083 A67-11353
- BRAVETTI, A.**
Tunnel diode RF amplifiers for microwave radiolink receivers /Amplificatori RF a diodo tunnel per ricevitori di ponti radio a microonde/. 20 p3395 A67-36248
- BRAVO NAVARRO, M.**
Principles and general standards on rights and responsibilities in lunar exploration /Principios y normas generales sobre derechos y responsabilidades en la exploracion lunar/. 12 p2042 A67-26137
- BRAY, A.**
Vacuum deposited films at high temperature. 04 p0626 A67-15745
- BRAY, A. D.**
Lunar occultation studies of five weak radio sources of small angular size. 17 p2943 A67-32634
- BRAY, B. J.**
Proving the accuracy of gas flow calibration systems. 03 p0422 A67-13772
- BRAY, K. N. C.**
Conditions for significant gasdynamically induced vibration-recombination coupling. 18 p3081 A67-33781
- BRAY, T. A.**
A contour map based on the selenodetic control system of A.C.I.C. 02 p0319 A67-11457
Doubly symmetric orbits about the collinear Lagrangian points. 13 p2205 A67-27482
Estimates of the zonal gravity harmonics of the moon. 18 p3135 A67-34539
Three-dimensional periodic oscillations about L sub 1, L sub 2, and L sub 3. 22 p3889 A67-40427
- BRAYER, K.**
Evaluation of error correction block encoding for high-speed HF data. 17 p2811 A67-32112
- BRAYTON, R. K.**
Bifurcation of periodic solutions in a nonlinear difference-differential equation of neutral type. 03 p0459 A67-13655
- BRAZZDZIUNAS, P. P.**
Variation of certain parameters in junction semiconductors with passage of time /Izmeneniya nekotorykh parametrov poluprovodnikovyykh tridlov s techeniem vremeni/. 20 p3401 A67-37450
- BRAZEL, J. P.**
Determination of thermal performance of char under heating conditions simulating atmospheric entry. [AIAA PAPER 65-640] 03 p0534 A67-13060
- BRAZIER, R. F.**
Cables for aircraft - Pressure-type connections. 21 p3572 A67-39074
- BRDLIK, P. M.**
Turbulent natural convection near a vertical impermeable flat surface /K voprosu o turbulentnoi estestvennoi konveksii u vertikal'noi neproniamaeoi ploskoi poverkhnosti/. 24 p4253 A67-42251
- BREAKWELL, J. V.**
Rigorous error bounds on position and velocity in satellite orbit theories. [AAS PAPER 66-94] 07 p1252 A67-19958
Asymptotic matching in power-limited interplanetary transfers. [AAS PAPER 66-114] 07 p1253 A67-19973
Rigorous error bounds on position and velocity in satellite orbit theories. [AAS PAPER 66-94] 13 p2207 A67-27518
Asymptotic matching in power-limited interplanetary transfers. [AAS PAPER 66-114] 13 p2208 A67-27530
Matched asymptotic expansions, patched conics and the computation of interplanetary trajectories. [AIAA PAPER 65-689] 16 p2743 A67-30728
Nonlinear resonance affecting gravity-gradient stability. 16 p2745 A67-30741
- BREBBIA, C.**
Stiffness matrix for shallow rectangular shell element. 23 p4073 A67-40628
- BRECHLING, J.**
Description of a class of profile cascades, exact and closed-form calculation of which is possible by conformal mapping /Die Darstellung einer Klasse mittels einer konformen Abbildung exakt und geschlossen berechenbarer Profilgitter/. 01 p0005 A67-10277
Calculation procedure for the second main problem of compressible subsonic flow through blade cascades /Ein Berechnungsverfahren zur zweiten

- Hauptaufgabe der kompressiblen Unterschallstroemung durch Schaefelgitter/. 17 p2791 A67-32711
- BRECKENRIDGE, W. H.**
Reaction of O/super 1 D/ with CO sub 2 at low temperatures. 23 p3971 A67-40970
- BREDERLOW, G.**
The non-equilibrium conductivity in an argon-potassium plasma in crossed electric and magnetic fields. 16 p2709 A67-30514
- BREDFELDT, H. R.**
Boundary-layer ion density profiles as measured by electrostatic probes. [AIAA PAPER 66-159] 05 p0856 A67-17345
- BREDIKHINA, E. A.**
Divergence of the Fourier series of almost periodic functions /O raskhodimosti riadov Fur'e pochti periodicheskikh funktsii/. 06 p1023 A67-17836
- BREDOV, M. M.**
The possible antimatter nature of micrometeorites. 07 p1247 A67-19098
Experimental evidence against the hypothesis of an earth dust cloud /Eksperimental'nye dannye, svidetel'stvovalushchie protiv gipotezy o pylevom oblake zemli/. 17 p2850 A67-32975
An experiment to test the hypothesis of the antimatter nature of meteoric swarms. 23 p4069 A67-41689
- BREE, H. W.**
On mechanical properties of unfilled and filled elastomers. 19 p3249 A67-35888
- BREED, B. R.**
Impossibility of three confluent shocks in two-dimensional irrotational flow. 08 p1322 A67-21383
- BREEDING, R. E.**
On agreement between predicted and actual energy cost incurred during the operation of a space suit system. 16 p2618 A67-30781
- BREEDIS, J. F.**
The microstrain behavior of beryllium single crystals. 01 p0092 A67-10058
- BREEN, B. P.**
The effect of additives on droplet hydrazine burning. [AIAA PAPER 67-482] 18 p3158 A67-33951
A mathematical model of random wave phenomena in hypergolic propellant combustion. [AIAA PAPER 67-517] 18 p3158 A67-33980
Effect of additives on the ignition delay time of hypergolic propellants. 19 p3310 A67-35012
Measurement of the flame structure of a thermally unstable fuel in an oxidizing atmosphere. 19 p3310 A67-35014
- BREEN, J. E.**
Microchemistry and microhardness as a function of microstructure in parallel gap welds. 21 p3636 A67-38633
- BREENE, R. G., JR.**
Spectral line broadening in air molecule systems. 05 p0759 A67-16790
- BREEV, V. V.**
Optimization of the flow and load regimes of magnetohydrodynamic generators /Optimizatsiya rezhimov tekheniya i nagruzki magnitogidrodinamicheskikh generatorov/. 01 p0011 A67-10049
Development of a viscous anisotropically conducting fluid flow in the channel of an MHD generator /Razvitiye tekheniya vlyazkoi anizotropno provodivshchey zhidkosti v kanale MGD generatora/. 16 p2600 A67-30541
Optimization of the flow and load regimes of magnetohydrodynamic generators. 17 p2804 A67-33327
- BREHAT, F.**
Induced absorption in the far infrared by impurities and defects of a single crystal of potassium bromide /Absorption induite dans l'infrarouge lointain par les impuretes et les defauts d'un monocristal de bromure de potassium/. 09 p1557 A67-22571
- BREHM, B.**
Electron affinity of helium via laser photodetachment of its negative ion. 22 p3815 A67-39614
- BREHM, C.**
Observation of titanium with the aid of the transmission electron microscope /Sur l'observation du titane au microscope electronique en transmission/. 11 p1806 A67-24428
- BREIG, E. L.**
Excitation of the spin multiplets of the ground state of oxygen by slow electrons. 03 p0472 A67-13322
- BREILAND, J. G.**
Comparison of the vertical distribution of thermal stability in the lower stratosphere with the vertical distribution of atmospheric ozone. 22 p3829 A67-40471
- BREINGAN, W. D.**
A self consistent model for the cathode region of a high pressure arc. 19 p3278 A67-35137
A self consistent model for the cathode region of a high pressure arc. 19 p3279 A67-35138
- BREISMEISTER, F. C.**
A-C welding of 9 percent nickel steel cryogenic vessels. 14 p2327 A67-28820
- BREITER, M. W.**
The mechanism of the cadmium negative electrode. 09 p1445 A67-22176
- BREITHAUPT, B.**
Automatic phase sensor makes combiner unique. 07 p1149 A67-19051
- BREITHAUPT, R. W.**
Cross polarization in a general two plate polarizer. 09 p1474 A67-22089
- BREITLING, W. J.**
Traveling ionospheric disturbances associated with nuclear detonations. 07 p1181 A67-19939
- BREKHIN, N. I.**
Motion of a gyroscope mounted on a rocking base, with friction in the Cardan-suspension axes /O dvizhenii giroskopa, ustanovlennogo na kardanova podvesa/. 21 p3626 A67-38042
Sensor of nutational oscillations of gyroscopic devices /Datchik nutatsionnykh kolebaniy giroskopicheskikh priborov/. 21 p3630 A67-38917
- BREKHOV, R. S.**
High-temperature slide-wire strain gage /Vysokotemperaturnyy strunnyy tenzometr/. 22 p3809 A67-40476
- BREKHOVSKIKH, V. F.**
Experimental determination of the emissive power of germanium and silicon in the temperature range 700-1200 deg K. 04 p0674 A67-14719
- BRELOT, A.**
Accelerated diffusion in germanium /Diffusion acceleree dans le germanium/. 17 p2919 A67-32862
- BRELSFORD, J. W., JR.**
Short-term recall of paired-associates as a function of the number of interpolated pairs. 22 p3750 A67-39318
- BRENNAN, J. G.**
Solar neutrinos from the super 3 He /p, e super plus nu/ super 4 He reaction. 16 p2741 A67-31921
- BRENNAN, J. J.**
Effect of low-dose reactor radiation on the dynamic mechanical behavior of pyrolytic graphite. 23 p4021 A67-41075
- BRENNAN, L. E.**
Quantization noise in digital moving target indication systems. 04 p0570 A67-14873
- BRENNAN, P. A.**
A parallel-plate waveguide approach to microminiaturized, planar transmission lines for integrated circuits. 21 p3597 A67-38568
- BRENNAN, W. J.**
Milestones in cryogenic liquid propellant rocket engines. [AIAA PAPER 67-978] 24 p4208 A67-43053
- BRENNEMAN, J.**
The fire test results. 02 p0181 A67-12232
- BRENNEMANN, A. E.**
An automatic integrated circuit mask artwork generating system. 18 p3055 A67-34558
- BRENNER, P.**
Development of high-strength aluminum alloys in the welded state /Entwicklung von Aluminiumlegierungen mit hoher Festigkeit im geschweissten Zustand/. 15 p2503 A67-29781
Current status and expectations of the development of high-strength composite materials /Stand und Aussichten der Entwicklung hochfester Verbundwerkstoffe/. 23 p4017 A67-40711
- BRENTJES, J.**
Honeycomb as an energy absorbing material. 10 p1727 A67-23745
- BRENTON, R. C.**
On the stability of planar librations of a dumb-bell satellite in an elliptic orbit. 05 p0901 A67-17104
Stability boundaries for planar librations of a long flexible satellite. [AIAA PAPER 67-126] 06 p1095 A67-18313
- The stability analysis of coupled librational motion of an axi-symmetric satellite in a circular orbit. 24 p4231 A67-42384
- BRESEKE, D. K.**
Lunar surface vehicle navigation displays. 04 p0655 A67-15662
- BRESHEARS, R. R.**
Dynamic performance of Surveyor throttleable rocket engine operating on propellants containing dissolved gas. [AIAA PAPER 66-949] 02 p0304 A67-12283
Dynamic performance of Surveyor throttleable engine when propellants contain dissolved helium. [AIAA PAPER 66-949] 13 p2188 A67-28834
- BRESLER, M. S.**
Quantum oscillations of the thermoelectric power of n-type InSb. 04 p0680 A67-15288
- BRESSAN, A.**
On relativistic thermodynamics. 14 p2404 A67-27951
- BRETON, C.**
Experimental analysis of laser induced gas discharges. 19 p3239 A67-35163
- BRETON, D.**
Description of a new movable device for the tracking of rocket probes /Description d'un nouveau dispositif mobile de fusées-sondes/. 21 p3608 A67-38673
- BRETON, J.**
Generator with voltages controlled simultaneously and independently by external means /Générateur de tensions asservies a commandes extérieures simultanées et indépendantes/. 03 p0392 A67-13450
- BRETT, R.**
Cohenite - Its occurrence and a proposed origin. 09 p1564 A67-21737
Cliftonite in meteorites - A proposed origin. 14 p2384 A67-28144
The occurrence and origin of lamellar troilite in iron meteorites. 14 p2391 A67-28948
- BRETT, W. W.**
Design of an onboard checkout system. 03 p0399 A67-14212
Design of an on-board checkout system. 20 p3417 A67-36988
- BRETTMAN, K. F.**
Temperature distributions in laminar flat plate shear flow. [ASME PAPER 67-HT-46] 20 p3547 A67-36728
- BREUCH, R. A.**
Exploratory trapped-particle and trapped-particle-plus-ultraviolet effects on the optical properties of spacecraft thermal control coatings. [AIAA PAPER 65-646] 03 p0448 A67-13051
Space radiation damage to the thermal radiative properties of materials. 04 p0686 A67-15873
Studies on the effects of the interplanetary space environment on thermal-control coatings. 19 p3249 A67-35748
Solar wind-plus-ultraviolet exposure studies on spacecraft thermal control coatings using in-situ optical property measurement techniques. 24 p4174 A67-42040
- BREUER, F. D.**
A launch vehicle sizing technique. [AAS PAPER 66-113] 07 p1259 A67-19972
A launch vehicle sizing technique. [AAS PAPER 66-113] 13 p2214 A67-27529
- BREUGELMANS, F.**
On the use of a pseudo-shock system in supersonic compressors. 03 p0352 A67-13011
- BREUHAUS, W. O.**
In-flight simulation for training/ques/ [AIAA PAPER 67-388] 15 p2432 A67-30356
- BREUNEVAL, J.**
Deformation energy of thin elastic shells /Sur l'énergie de déformation des coques minces élastiques/. 16 p2777 A67-31708
- BREUS, T. K.**
Method of determining the ion temperature from variations in the current of an ion trap caused by the rotation of the satellite and an estimate of the upper limit of the ion temperature at altitudes approximately less than 10,000 km according to Elektron 2 data /Sposob opredeleniya ionnoi temperatury po izmeneniyam toka ionnoi lovushki, vyzvannykh vrashcheniem sputnika, i otsenka verhnego predela ionnoi temperatury na vysotakh priblizhenno less than 10,000 km po dannym "Elektrona-2"/. 13 p2115 A67-27330

- BREVIG, O.**
A comparison between the ejector ramjet and the ducted rocket.
[AIAA PAPER 67-437] 18 p3112 A67-33915
- BREVENOV, N. N.**
An investigation of cyclotron instability potential and adiabatic compression of a plasma in a mirror machine.
22 p3846 A67-39487
- BREWARD, O.**
Factors in fastener reliability.
11 p1795 A67-24040
- BREWER, G. D.**
Manned hypersonic vehicles.
03 p0360 A67-13792
- BREWER, G. R.**
Ion propulsion is ready for application.
[AIAA PAPER 66-1026] 03 p0504 A67-14275
Technology and development of the contact ion engine.
04 p0689 A67-15019
Generation and uses of ion beams.
15 p2488 A67-29756
Timetable for ion propulsion.
17 p2928 A67-32435
- BREWER, H. R.**
Nuclear matrix elements for forbidden beta decay of spheroidal-shaped nuclei.
20 p3488 A67-36662
- BREWER, R. G.**
Standing waves in self-trapped light filaments.
07 p1224 A67-19841
- BREWING, G. M.**
The application of spring controlled NOR units to machine switching operations.
08 p1282 A67-20468
- BREZEL, P.**
Direct measurement of the slope of an active quadrupole - Application to field-effect transistors /Mesure directe de la pente d'un quadrupole actif - Application aux transistors a effet de champ/.
22 p3773 A67-40305
- BREZGUNOV, V. N.**
Improvement of the reliability of radio meters - An automatic amplification control system for transistorized radio-astronomy receivers /O povyshenii nadezhnosti radiometrov - Sistema avtomaticheskogo regulirovaniia usileniia v radioastronomicheskikh priemnikakh na tranzistorakh/.
20 p3403 A67-37517
- BRIAN, P. L. T.**
Turbulent heat transfer to a nonequilibrium chemically reacting gas.
07 p1268 A67-19575
- BRIAND, P.**
Ion-energy spectrum of a laser-created alumina plasma /Spectre d'energie des ions d'un plasma d'alumine cree par laser/.
24 p4199 A67-43102
- BRICE, J. C.**
The effect of arsenic pressure on crystal efficiency for injection luminescence in gallium arsenide.
11 p1845 A67-24140
- BRICE, N. M.**
The general pattern of auroral particle precipitation.
17 p2850 A67-33191
- BRICKEN, G. L.**
The logarithmic tunnel diode amplifier.
04 p0580 A67-14597
- BRICKER, C. H.**
Continuous oscillations at millimeter wavelengths with silicon avalanche diodes.
24 p4133 A67-42815
- BRICKER, L.**
Working in space - Are we ready/ques/.
04 p0563 A67-14603
- BRICKER, L. A.**
Effect of -7G sub x acceleration on renal excretion of solutes in rabbits.
07 p1134 A67-19861
Sodium and water excretion and renal hemodynamics during lower body negative pressure.
24 p4110 A67-41801
[SAM-TR-65-329]
- BRITSON, C. A.**
Aeromedical monitoring of naval aviators during aircraft carrier combat operation.
17 p2805 A67-31957
Pilot performance during day and night carrier landing operations.
23 p3968 A67-41618
- BRIDGE, H.**
Plasma measurement on Explorer 33.
19 p3319 A67-35245
- BRIDGE, H. S.**
Initial results from the Mariner 4 solar plasma experiment.
10 p1707 A67-23228
- BRIDGE, N. J.**
The polarization of laser light scattered by gases.
04 p0634 A67-15624
- BRIDGE, R.**
Aircraft noise - Mitigating the nuisance.
09 p1439 A67-21702
- BRIDGES, J. E.**
Indirect sensing of quiescent parameters for built-in test equipment.
03 p0388 A67-14216
Fiber optics - Passive sensors for nonelectronic equipment.
20 p3449 A67-36980
- BRIDGES, J. M.**
Experimental determination of transition probabilities and Stark widths of S I and S II lines.
19 p3266 A67-36089
- BRIDGES, T. J.**
A nonresonant multipass CO sub 2-laser amplifier.
11 p1800 A67-24245
Central tuning dip in a submillimeter molecular laser.
11 p1803 A67-24932
Competitive and cascade coupling between transitions in the CW water vapor laser.
14 p2331 A67-28498
Observation of the output of a CO sub 2 laser by a high-resolution thermographic screen.
15 p2497 A67-29393
Rapid scan spectrometer for CO sub 2 laser studies.
21 p3641 A67-38460
- BRIDGEWATER, J.**
Theory of aerodynamic design for swept-winged aircraft at transonic and supersonic speeds.
10 p1589 A67-22872
- BRIDGLAND, T. F., JR.**
On the problem of approximate synthesis of optimal controls.
20 p3408 A67-37074
- BRIENZA, M. J.**
Continuously-variable ultrasonic-optical delay line.
02 p0253 A67-12517
Time evolution of picosecond optical pulses.
13 p2126 A67-27014
Laser-induced microwave sound by surface heating.
20 p3457 A67-36386
- BRIFFA, F. E. J.**
Reduction of audible flame noise by the application of ultrasonics.
11 p1883 A67-24842
- BRIFFOD, G.**
Diffusion plasma in the experiments Daphnis I and Daphnis II.
11 p1835 A67-24383
- BRIGDEN, W. H.**
Flight research program. IV - A small gas analyzer for aerospace.
01 p0068 A67-10957
Flight research program.
05 p0756 A67-16279
- BRIGGS, B. H.**
Brief review of scintillation studies.
[RASSA PAPER 1-10-133] 03 p0372 A67-14244
- BRIGGS, D. C.**
Silicon solar cells for near-sun missions.
23 p3937 A67-41490
- BRIGGS, D. L.**
Distributed parameter optimum control of a nuclear rocket with thermal stress constraints.
[ASME PAPER 66-WA/AUT-6] 04 p0656 A67-15419
- BRIGGS, E. J., JR.**
FAA engine certification for SST engines.
22 p3867 A67-39224
- BRIGGS, G. E.**
Man-machine compatibility in very low altitude flight - Phases I and II.
14 p2256 A67-27742
- BRIGGS, N. H.**
Multiple faults and confidence levels - Resolution of a paradox.
04 p0584 A67-15480
- BRIGGS, R. J.**
Negative-mass instability in a cylindrical layer of relativistic electrons.
12 p1970 A67-25254
- BRIGHT, C. B.**
Floating airport - Key to inter-city traffic.
20 p3418 A67-37445
- BRIGHTMAN, B.**
An experimental solid-state pulse modulated wideband switch.
05 p0789 A67-17043
- BRIGHTON, J. A.**
The influence of a wide-angle diffuser on turbulent velocities.
[ASME PAPER 67-FE-23] 14 p2243 A67-28368
- BRIGLIO, A., JR.**
Development of the Surveyor Vernier propulsion system.
[AIAA PAPER 66-593] 08 p1413 A67-21516
- BRIGMAN, G. H.**
Evaluation of four general-relativity tests for a nearly flat space with spherical symmetry.
13 p2159 A67-27399
Applicability of partition functions at high temperatures.
14 p2405 A67-28131
- BRIKKER, S. I.**
Mechanism of the formation of high-energy pions in cosmic rays /O mekhanizme obrazovaniia vysokoenergichnykh pionov v kosmicheskikh luchakh/.
02 p0315 A67-12760
On the mechanism of production of high-energy pions in cosmic rays.
22 p3876 A67-40262
Certain results obtained by the method of controlled nuclear photoemulsions with the fixation of time of recorded events /Nekotorye rezul'taty, poluchennye metodom kontrolirovemykh ladernykh fotoemul'sii s fiksatsiei vremeni registriruemyykh sobytiy/.
24 p4217 A67-42832
- BRILL, D. R.**
Extended gravitation theory, the Mach principle, and rotating masses /Erweiterte Gravitationstheorie, Machsches Prinzip und rotierende Massen/.
23 p4027 A67-41147
- BRILL, W.**
A thermal and electrical model for a silver-zinc battery power system installed in a spacecraft.
[AIAA PAPER 67-334] 12 p1901 A67-26048
- BRIMHALL, J. L.**
The influence of thermomechanical treatments on the microstructure and tensile properties of Hastelloy X-280.
10 p1668 A67-23174
- BRIMHALL, R. K.**
Design optimization using model estimation programming.
[AIAA PAPER 67-208] 06 p1024 A67-18330
- BRINDEU, L.**
Concerning the stationary motion of an impact-oscillation system, when the impact is not considered as instantaneous /Ueber die stationaere Bewegung eines Schlagschwingsystems, wenn der Zusammenstoß nicht als momentan betrachtet wird/.
20 p3483 A67-36195
- BRINGER, R.**
Behavior of a 500 deg F thermoplastic under various environmental influences.
22 p3825 A67-39858
- BRINI, D.**
Low-energy cosmic-ray photons in atmosphere.
08 p1377 A67-21466
Cosmic X-ray sources in the 20-180 Kev energy range.
20 p3520 A67-37475
- BRINK, G. O.**
Observation of the 2p super 3 3s /super 5 S super 0/ metastable state of atomic oxygen.
18 p3082 A67-34029
- BRINKMAN, C. R.**
The recrystallization of 99.997 percent chromium.
03 p0439 A67-12924
- BRINKMANN, A.**
Calculation of stationary laminar boundary layer flows of non-Newtonian liquids for which the Ostwald-de Waele friction law is valid /Die Berechnung stationaerer ebener Grenzschichtstroemungen nicht-Newtonscher Fluessigkeiten, fuer die das Ostwald-de Waelesche Reibungsgesetz gilt/.
17 p2836 A67-32262
- BRINKMANN, R. T.**
Atomic and molecular species.
04 p0660 A67-14692
Atmospheric scattering of the solar flux in the middle ultraviolet.
10 p1629 A67-22736
- BRINKMANN, U.**
Atomic beam source for atoms in the metastable state /Eine Atomstrahlquelle fuer Atome in metastabilen Zuständen/.
09 p1534 A67-21564
- BRINKSCHULTE, H.**
Interferometric investigations of electromagnetically accelerated shock waves. II /Interferometrische Untersuchungen an elektromagnetisch beschleunigten Stosswellen. II/.
15 p2488 A67-29663
Interferometric measurements on T-tubes.
19 p3208 A67-35396
- BRINTON, H. C.**
Lower E-region ion concentrations measured at a time of declining solar activity.
14 p2310 A67-28049
- BRISBANE, A. D.**
High gain pulsed laser.
11 p1803 A67-24841
Automated interconnection processes for semiconductor integrated circuit slices.
14 p2281 A67-28023
The pulsed gas laser and its application to micro circuit fabrication.
22 p3813 A67-39333
- BRISCOE, C. V.**
Microwave transmission-and reflection-coefficient ratios of thin superconducting films.
10 p1688 A67-22764
- BRISCOE, J.**
The airport and all-weather operations.
[AIAA PAPER 67-756] 23 p3933 A67-40989

- BRISH, A. A.
Triggering the detonation of condensed explosives by laser radiation /Vozbuzhdenie detonatsii kondensirovannykh vv izlucheniem opticheskogo kvantovogo generatora/. 07 p1195 A67-19315
- BRISSENDEN, R. F.
Using simulation for research - And using research to develop valid simulation techniques. 13 p2091 A67-27271
- BRISSET, D.
Telemetry receiving equipment for satellites and missiles and for remote control of satellites /Equipements de reception de telemesure pour satellites et engins, et de telecommande de satellites/. 21 p3583 A67-38639
- BRITAEV, A. S.
Techniques for calculating vertical ozone distribution /K voprosu o metodike rascheta vertikal'nogo raspredeleniia ozona/. 07 p1172 A67-19456
- BRITT, C. L.
Effects of CW interference on narrow-band second-order phase-lock loops. 07 p1181 A67-19878
- BRITT, C. L., JR.
Signal acquisition techniques for receiving arrays of large-aperture antennas. 16 p2638 A67-31264
- BRITTEN, E. R.
The development of an infra-red signature analysis technique, a non-destructive testing tool. 18 p3052 A67-34512
- BRITTON, D.
Shock waves in chemical kinetics - Further studies in the dissociation of fluorine. 04 p0587 A67-15951
- BRITVEC, S. J.
Thermal buckling of prestressed rings and cylindrical shells /Sur le flambage thermique des anneaux et des coques cylindriques precontraints/. [ONERA-TP-422] 09 p1574 A67-21848
- BRIUKKER, L. E.
Bending of three-layer plates in the presence of nonuniform surface heating /Izglyb trekhslonnykh plastin pri neravnomernom nagreve po poverkhnosti/. 12 p2022 A67-25588
- BRIUNELLI, B. E.
DR field of currents in the radiation belt /O pole DR tokov radiatsionnogo polasa/. 05 p0884 A67-17132
Energy of a magnetic storm /Energia magnitnoi buri/. 05 p0801 A67-17133
Field of DR currents of the radiation belt. 21 p3698 A67-38475
Energy of a magnetic storm. 21 p3619 A67-38476
- BRIUZGINA, M. I.
On the reactivity of animals to caffeine and strychnine during transverse acceleration aftereffects /O reaktivnosti zhivotnykh k kofeinu i strikhninu v period posledelstviia poperechnonapravlennykh peregruzok/. 24 p4111 A67-41850
- BRIXNER, B.
Frame-camera development for high-speed photography. 05 p0806 A67-16700
- BRIZENDINE, J. C.
Future transports. [AIAA PAPER 66-820] 03 p0538 A67-14134
- BROACHE, E. W.
Elimination of fractures in plated-through-hole printed circuit boards by the use of ductile plating. 08 p1304 A67-21190
- BROADBENT, E. G.
Electric arcs in cross-flow. 19 p3281 A67-35154
- BROADFOOT, A. L.
N sub 2 super plus emission in the twilight. 05 p0803 A67-17409
Coronal fine structure in X-ray emission. 24 p4224 A67-41821
- BROADWELL, J. E.
Structure of the shock layer on cylinders in rarefied gas flow. 14 p2299 A67-28173
Transient pressures caused by rocket start and shutdown in ducted launchers. 22 p3780 A67-40091
- BROADWELL, R. G.
Room-temperature creep and fatigue properties of titanium alloys. 10 p1669 A67-23325
- BROCARD, J.
Utility of low-density wind tunnels /Utilite des souffleries de basse densite/. 17 p2835 A67-33132
- BROCH, J. T.
An improved vibration test. 01 p0034 A67-10155
- BROCHARD, J.
Use of a variable-length single-cavity laser as an instrument for analyzing isotopic displacements in the infrared /Utilisation d'une cavite laser de longueur variable comme appareil d'analyse de déplacements isotopiques dans l'infrarouge/. 20 p3439 A67-36355
- BROCHE, P.
Effect of propagation in the earth-ionosphere waveguide on the measurement of the direction of arrival of a radio whistler /Sur l'influence de la propagation dans le guide d'ondes terre-ionosphere sur la mesure de la direction d'arrivee d'un sifflement radioelectrique/. 15 p2436 A67-29480
Extension of the modal theory for the case where the properties of the ionosphere and of the source are direction-dependent /Extension de la theorie des modes au cas ou les proprietes de l'ionosphere et de la source dependent de la direction/. 20 p3428 A67-36373
- BROCHOT, E.
An A.C. MHD generator with pulsating flow in a preheated gas. 16 p2603 A67-30564
- BROCHOT, G.
The PCM telemetry coder of the D-2 satellite /Le codeur de telemesure PCM du satellite D2/. 21 p3599 A67-38647
- BROCK, E. G.
Design considerations of multiple laser communication links between a synchronous satellite and several earth stations. 17 p2813 A67-32495
- BROCK, F. H.
Average burn rate, average pressure relationships in solid rockets. 04 p0724 A67-15250
- BROCKELMAN, R. A.
Note on the effect of shadowing on the backscattering of waves from a random rough surface. 02 p0192 A67-11602
Radar observations of Venus at 23 cm in 1965/1966. 05 p0889 A67-16297
- BROCKETT, R. W.
The status of stability theory for deterministic systems. 01 p0047 A67-11221
Path integrals, Liapunov functions, and quadratic minimization. 08 p1346 A67-20333
- BROCKETT, R. W. B.
Frequency-domain instability criteria for time-varying and nonlinear systems. 15 p2455 A67-29167
- BROCKHAUS, R.
Problems of cooperation of pilot and automatic control in landing modern aircraft /Probleme der Zusammenarbeit von Pilot und Regler bei der Landung moderner Flugzeuge/. 22 p3831 A67-39750
- BROCKMAN, H. P.
Automatic checkout and monitoring of large complex systems. 04 p0595 A67-14500
- BROCKMAN, P.
Measurement of velocities and acceleration mechanism for coaxial Hall accelerators. [AIAA PAPER 66-196] 08 p1375 A67-20575
Diagnostics and interpretation of acceleration mechanisms in an MPD arc. [AIAA PAPER 67-676] 21 p3671 A67-38709
The effect of various propellants and propellant mixtures on an MPD arc jet. [AIAA PAPER 67-684] 21 p3688 A67-38715
- BROCKSTEIN, A. J.
Optimum control of multivariable sampled data systems with adaptive sampling. 16 p2649 A67-31660
- BRODBECK, F.
Dynamic testing of crushable materials for impact attenuation systems. 12 p1956 A67-25731
- BRODERICK, C. W.
Varactor up converters for satellite use. 16 p2640 A67-31531
- BRODERICK, J. L.
Charged double pion production in pi super plus P scattering at 910 Mev/c. 19 p3266 A67-36100
- BRODERICK, R. F.
Apollo radar views the moon. 06 p0962 A67-18056
- BRODERSON, A. B.
The behavior of small animals in fields of simulated gravity. 23 p3950 A67-41549
- BRODIE, D. E.
Some dielectric and electronic properties of CdSe films. 11 p1851 A67-25032
- BRODIE, R. W.
Comparison of lightweight structural materials - Be, and alloys of Be, Mg, Al, and Ti. [SAE PAPER 660652] 01 p0094 A67-10613
- BRODIN, M. S.
Self-focusing of light in NaCl crystals /Samofokusuvannia svitla v kristallakh NaCl/. 02 p0252 A67-12481
Certain effects of the interaction between a ruby laser beam and "transparent" crystals /Nekotorye efekty vzaimodeistviia puchka rubinovogo lazera s "prozrachnymi" kristallami/. 03 p0435 A67-13128
Generation on CdS sub x -CdSe sub 1 sub -x mixed crystals in the presence of excitation by ruby laser emission /Generatsiia na smeshannykh kristallakh CdS sub x -CdSe sub 1 sub -x pri vozbuzhdenii izlucheniem rubinovogo OKG/. 03 p0436 A67-13153
Dispersive properties of the CdS sub x -CdSe sub 1 sub -x system and their dependence on the crystal-preparation method. 05 p0861 A67-16396
Generation in mixed CdS sub x -CdSe sub 1-x crystals excited with ruby laser radiation. 10 p1664 A67-23102
Mechanism of generation of laser emission in CdS sub x-CdSe sub 1 sub -x crystals in the presence of two-photon excitation /O mekhanizme generatsii lazernogo izlucheniia v kristallakh CdS sub x-CdSe sub 1 sub -x pri dvukhfotonnom vozbuzhdenii/. 14 p2331 A67-28534
Photoconductivity of CdS induced by light from a ruby laser /Fotoprovodnist' CdS, zbuzhuvana svitlom rubinovogo lazera/. 22 p3814 A67-39511
Mechanism of generation of laser radiation in CdS sub x -CdSe sub 1 sub -x crystals in the case of two-photon excitation. 23 p4040 A67-40941
Generation of the second optical harmonic in GaSe crystals /Generatsiia drugoi optichnoi harmoniki viprominiuvannia kristaliv GaSe/. 24 p4187 A67-42074
- BRODOVII, V. A.
Determination of the parameters of recombination and capture centers in antimony sulfide /Viznachennia parametrv rekombinatsiinykh tsentrv i tsentrv prilpaniia v sul'fidi surmi/. 22 p3846 A67-39503
- BRODOVSKII, V. G.
Existence of periodic solutions for integrodifferential equations /O sushchestvovanii periodicheskikh reshenii integro-differentsial'nykh uravnenii/. 02 p0260 A67-12537
- BRODSKII, V. B.
Determination of the recombination coefficient of xenon in a decaying plasma. 02 p0274 A67-12463
Measurement of the capture coefficient of thermalized electrons in oxygen and in air. 02 p0274 A67-12466
Distribution of the plasma density during ionization of a gas in a waveguide by a beam of fast electrons. 09 p1545 A67-22002
Measurement of the sticking probability and recombination factor of electrons in gases by the penetrating radiation method /Izmereniia koeffitsientov prilpaniia i rekombinatsii elektronov v gazakh metodom pronikalushchikh izluchenii/. 17 p2893 A67-32139
- BRODWIN, M. E.
Apparatus for microwave measurement of transport parameters in semiconductors. 08 p1329 A67-20375
Coupling efficiency of the radio frequency plasma torch. 12 p1976 A67-25925
- BRODY, T. P.
A high-gain InAs thin-film transistor. 01 p0039 A67-10876
- BROECKER, F. J.
Influence of the order-disorder state and film thickness on the structure and electrical conductivity of evaporated nickel, titanium, and silver films /Der Einfluss von Ordnungszustand und Schichtdicke auf die Struktur und die elektrische Leitfaehigkeit aufgedampfter Metallfilme - Nickel, Titan, Silber/. 02 p0292 A67-11745
- BROEK, D.
The influence of sheet thickness on crack propagation. 03 p0532 A67-14386
The influence of the mean stress on the propagation of fatigue cracks in light alloy sheet. 11 p1804 A67-24037
- BROEKSTRA, G.
A multi-dimensional self-optimizing control

- system involving dynamics and disturbances, employing relay extremum control. 07 p1161 A67-19204
- BROEMER, H. H.**
Lifetime and diffusion coefficient of the A super 3 sigma sub u super plus state of N sub 2. 17 p2889 A67-33243
- BROER, L. J. F.**
Some comments on linear wave equations. 09 p1533 A67-22400
- BROERS, G. H. J.**
The solubility of oxygen in fused carbonates and the corrosion behaviour of silver and copper oxide air-CO sub 2 cathodes in molten carbonate fuel cells. 09 p1458 A67-22182
- BROFMAN, W.**
Approximate analytical solution for satellite orbits subjected to small thrust or drag. 14 p2384 A67-28117
- BROGAN, T. R.**
Self-excited MHD generators. 16 p2608 A67-30596
- BROGAN, W. L.**
Performance analysis of continuous, sampled and multirate sampled systems with random inputs. 16 p2652 A67-31684
Dynamic programming and a distributed parameter maximum principle. 16 p2652 A67-31687
Theory and application of optimal control for distributed parameter systems. I. 20 p3410 A67-37320
Theory and application of optimal control for distributed parameter systems. II. 20 p3411 A67-37321
- BROGLIO, L.**
Air density between 200 and 300 km obtained by San Marco 1 satellite. 10 p1712 A67-23212
The San Marco 1-A scientific satellite. 16 p2757 A67-30642
- BROKAW, R. S.**
Ignition kinetics of the carbon monoxide-oxygen reaction. 18 p3155 A67-33846
Transport properties of high temperature gases. 21 p3613 A67-38391
Transport properties of high temperature gases. 24 p4256 A67-42742
- BROLLY, S. D.**
Development of a computer-based onboard checkout system simulator utilizing an alphanumeric display. [AIAA PAPER 67-951] 24 p4127 A67-43035
- BROMBERG, J. L.**
Extensions of Saturn. 01 p0156 A67-11422
- BROMLEY, R. A.**
Use of a waveguide dispersive line in an F.M. pulse compression system. 21 p3601 A67-39068
- BROMLEY, W. P.**
Cyclic loading of a tube with creep, plasticity, and thermal effects. 12 p2016 A67-25424
- BRON, O. B.**
Plasma flows emitted from the contact points of an arc /Potoki plazmy, iskhodiashchie iz opornykh tochek dugl/. 10 p1687 A67-23849
- BRONFIN, B. R.**
Synthesis of nitrogen fluorides in a plasma jet. 02 p0190 A67-12235
- BRONFORT, J.**
Application of the synchro-turn system to the precision machining of beryllium mirrors /Le systeme synchro-turn applicable a l'usinage de precision des miroirs au beryllium/. 10 p1659 A67-22988
- BRONIAREK, C.**
On problems of nonlinear flexural-torsional vibration of rotating shaft with distributed parameters. 07 p1264 A67-20104
- BRONNER, C.**
Contribution to the study of the principal properties of serralloy A super 1, an Alnico alloy with 38 percent cobalt. 01 p0093 A67-10518
- BRONNER, G.**
An inductive energy storage system using ignition switching. 24 p4197 A67-42249
- BRONOEEL, G.**
Results of fundamental fuel-cell research /Bilan des recherches fondamentales sur les piles a combustible/. 14 p2252 A67-29019
- BRONSHTEN, V. A.**
Preliminary results of a study of Mariner-4 photographs of Mars /Predvaritel'nye rezul'taty izuchenia snimkov Marsa, poluchennykh "Marinerom-4"/. 06 p1083 A67-18159
Nature of Venus /Priroda
- Veneriy/. 11 p1867 A67-24843
Preliminary results of study of the photographs of Mars taken from Mariner IV. 16 p2741 A67-30503
- BRONSON, H. J.**
Air distribution systems for circuit cooling. 21 p3594 A67-38331
- BRONZI, G.**
Clarification of the operating principles of multichannel radar with discontinuous pulse compression /Precisazione circa i principi di funzionamento del radar multicanale a compressione discontinua di impulso/. 13 p2070 A67-27203
- BROOKES, C. A.**
Recent studies of the mechanical properties of solids at high temperatures. 20 p3463 A67-36111
- BROOKES, C. H. P.**
Choosing model parameters for fast tracking. 06 p0977 A67-18530
- BROOKNER, E.**
Deep-space optical communications. 06 p0957 A67-17635
Practical design of infrared detector circuits. 17 p2862 A67-33289
- BROOKS, C. O., JR.**
Automatic checkout in the Saturn program. 20 p3417 A67-36975
- BROOKS, D.**
Radio auroral echoes associated with sudden commencements and their possible use in measurements of magnetospheric ion densities. 14 p2313 A67-28574
Pulsating radio auroral echoes. 17 p2845 A67-32766
- BROOKS, D. R.**
Use of rotating Langmuir probes in flowing plasmas. 05 p0851 A67-18466
Effect of propellant injection through electrodes on potential distribution in an MPD arc. [AIAA PAPER 67-49] 06 p1074 A67-18435
Measurement of velocities and acceleration mechanism for coaxial Hall accelerators. [AIAA PAPER 66-196] 08 p1375 A67-20575
Diagnostics and interpretation of acceleration mechanisms in an MPD arc. [AIAA PAPER 67-676] 21 p3871 A67-38709
- BROOKS, E.**
National control of natural planetary bodies - Preliminary considerations. 01 p0170 A67-10928
Ingredients of an international planetary organization. 12 p2042 A67-26136
- BROOKS, H.**
Theory of semiconductor-to-metal transitions. 13 p2180 A67-27163
Semiconductor-to-metal transitions in transition-metal compounds. 13 p2181 A67-27165
- BROOKS, J. D.**
Asymptotic error estimates and the numerical solution of the equations of orbital motion. 23 p4023 A67-40864
- BROOKS, N. B.**
Application of two-dimensional computations to the study of sub-critical initiation and fadeout in a homogeneous explosive. 18 p3153 A67-33824
- BROOKS, P. R.**
Reactive scattering of K atoms from oriented CH sub 3 I molecules. 03 p0367 A67-13524
- BROOKS, R. E.**
Low-angle holographic interferometry using Tri-X Pan film. 19 p3232 A67-35693
- BROOKS, R. G.**
Heat losses through rarefied fluids. 10 p1731 A67-22725
- BROOKS, R. O.**
Distortions of controlled transients by shock monitoring systems. 23 p4007 A67-41382
- BROOKS, T. P.**
Safety considerations in design of manned orbital and space vehicle structures. [SAE PAPER 660681] 01 p0154 A67-10585
- BROOKSBY, G. A.**
Lysosomal enzymes in rats exposed to 100 per cent oxygen. 18 p2992 A67-34719
Effects of a deficiency of vitamins A and E on rats exposed to 100 percent oxygen. 23 p3952 A67-41568
The relation of oxygen toxicity to nutritional and hormonal factors. 23 p3956 A67-41632
Ultrastructural changes in rat kidney under 100 percent oxygen - Effects of vitamin E depletion. 23 p3958 A67-41654
- BROOM, K. M., JR.**
Post-irradiation chemical analysis of SNAP-8 experimental reactor coolant. 03 p0466 A67-13798
- BROOM, R. F.**
Operation of a gallium arsenide diode laser with an external resonator using a Brewster window. 15 p2498 A67-29511
Photoconductivity of chromium-doped gallium arsenide. 22 p3855 A67-39348
- BROOM, T.**
Creep and fatigue of engineering materials. 15 p2502 A67-29506
- BROPHY, R. F.**
A simulation technique to optimize the support resources of aircraft weapon systems from concept through production. [AIAA PAPER 66-785] 01 p0169 A67-10529
- BROSCHKE, P.**
Planetary systems and the mass/angular-momentum diagram /Planetensysteme und das Masse-Drehimpulsdiagramm/. 11 p1865 A67-24610
Estimation of the mass and density of Pluto /Elne Schaeztung der Masse und Dichte von Pluto/. 18 p3135 A67-34544
- BROSENS, P.**
Thermionic converters with heat-pipe radiators. 24 p4104 A67-42503
- BROSENS, P. J.**
The influence of design and materials on the performance of an advanced solar converter. 09 p1449 A67-22345
- BROSOWSKI, B.**
The interaction of the solar wind with a comet. 12 p1993 A67-25227
Chebyshev approximations of differentiable functions /Tschebyscheffsche Approximationen an differenzierbare Funktionen/. 13 p2145 A67-26611
- BROSS, P.**
Direct electron density measurements in the ionosphere below 200 km. 10 p1648 A67-23290
- BROSSARD, I.**
Measurement of the electrical conductivity of a plasma jet /Izmerenie elektroprovodnosti strui plazmy/. 17 p2895 A67-32154
- BROSSARD, J.**
Utilization of the Doppler effect obtained by reflection of centimeter waves on a detonation front propagating in gas mixtures /Utilisation de l'effet Doppler obtenu par reflexion d'ondes centimetriques sur le front de la detonation se propageant dans des melanges gazeux/. 01 p0166 A67-10229
Characteristics of detonations in liquid mixtures of nitropropane II and nitric acid /Caracteristiques des detonations dans les melanges liquides de nitropropane II avec l'acide nitrique/. 04 p0726 A67-15495
Reflection of an electromagnetic wave on the front of a detonation wave in gaseous mixtures /Reflexion d'une onde electromagnetique sur le front d'onde de detonation dans les melanges gazeux/. 17 p2970 A67-32806
Propagation and vibratory phenomena of cylindrical and expanding detonation waves in gases. 18 p3153 A67-33822
- BROSSEL, J.**
Interpretation of experimental results on the relaxation of optically pumped Rb in collisions with Kr atoms. 23 p4012 A67-40792
- BROSSIER, P.**
Ion cyclotron waves in a magnetic well /Ondes cyclotroniques ioniques dans un puits magnetique/. 19 p3295 A67-35419
- BROTAS, A.**
On the relativistic transformation of the energy of extended bodies /Sur la transformation relativiste de l'energie des corps etendus/. 24 p4188 A67-41905
- BROTEN, N. W.**
Observations of quasars using interferometer baselines up to 3,074 km. 17 p2947 A67-32760
Diameters of some quasars at a wavelength of 66.9 cm. 24 p4226 A67-41876
- BROTH, F. J.**
Axis-symmetric buckling of orthotropic circular plates with variable thickness. 11 p1876 A67-24660
- BROTHERS, J. S.**
200 MHz counter/shift-register stage. 17 p2824 A67-32306
- BROTHERTON, S. D.**
The control of threshold voltage of complementary pair M.O.S. transistors. 14 p2281 A67-28019
Dependence of MOS transistor threshold

- voltage on substrate resistivity. 15 p2446 A67-29638
- BROTTIN, N. A.**
A new installation at the Tyan-Shan' Mountain station for investigation of strong interactions at energies of 100 to 1000 Bev - First results. 22 p3801 A67-40248
- BROTZEN, F. R.**
The effects of deformation on the electrical resistivity of molybdenum single crystals. 16 p2689 A67-31370
- BROUCKE, R.**
On changes of independent variable in dynamical systems and applications to regularization. 23 p4027 A67-41006
- BROUDE, V. L.**
A laser with a tunable frequency /Opticheskii kvantovyi generator s perestraivaemol chasto'tol/. 03 p0435 A67-13131
Luminescence during intensive excitation /Liuminesentsiia pri intensivnom vzbuzhdenii/. 03 p0436 A67-13136
Spontaneous generation breakdown in a ruby laser /Ob effekte avtosryva generatsii v rubinovom opticheskom kvantovom generatore/. 12 p1953 A67-25445
The effect of generation self-cutoff in a ruby laser. 21 p3642 A67-38819
Conditions for self excitation of a laser operating in an inhomogeneously broadened band. 23 p4013 A67-40907
- BROUDY, R. M.**
Surface conductivity on degenerate germanium. 01 p0131 A67-10340
- BROUILLETTE, E. C.**
Magnetofluid-mechanic channel flow. I. Magnetofluid-mechanic channel flow. 16 p2661 A67-31224
II. Magnetofluid-mechanic channel flow. 16 p2661 A67-31225
- BROUNLEY, R. W.**
Solid state microwave power generation. 02 p0216 A67-12008
- BROUSSAUD, G.**
Application of the Lorentz transform to the solution of a problem in the interaction of waves within a nonlinear medium /Application de la transformation de Lorentz a la solution d'un probleme d'interaction d'ondes en milieu non lineaire/. 09 p1465 A67-22478
- BROUTMAN, L. J.**
Interfacial investigations of boron fiber-reinforced plastics. 03 p0455 A67-13428
- BROUWER, D.**
The effect of precession of the earth's axis of rotation on the motion of an artificial satellite. 05 p0894 A67-16565
The orbit of Pluto over a long interval of time. 08 p1381 A67-20392
Gravitational field of the moon. 24 p4229 A67-42311
- BROWAND, F. K.**
An experimental investigation of the instability of an incompressible, separated shear layer. 02 p0232 A67-11563
- BROWDE, A.**
Behavior of Gemini spacecraft antennas in an ionized medium. 21 p3591 A67-38210
- BROWDER, F. E.**
Nonlinear problems /Problemes non-lineaires/. 08 p1348 A67-21175
- BROWER, D. F.**
Instrumentation for magnetic pulse metal forming. [SAE PAPER 660066] 01 p0078 A67-10569
- BROWER, W. S.**
Dielectric constants of PbWO sub 4 and CaWO sub 4. 20 p3505 A67-36179
- BROWN-EDWARDS, E. G.**
Temperature measurements in a hypersonic gun tunnel using a modified line-reversal method. 09 p1486 A67-22413
- BROWN, A. C.**
Subsonic diffusers designed integrally with vortex generators. [AIAA PAPER 67-464] 18 p2983 A67-33935
- BROWN, A. E.**
An approach to airborne software generation. 08 p1297 A67-20630
Ultrasound flow measurement. 10 p1656 A67-23079
- BROWN, B. F.**
Evaluating mechanical and corrosion suitability of materials. [ASME PAPER 67-DE-7] 14 p2339 A67-28866
Solution of nonlinear systems through incremental linearization. 15 p2458 A67-29908
Stress corrosion cracking of high strength steels and titanium alloys in chloride solutions at ambient temperature. 16 p2690 A67-31385
- BROWN, B. G.**
Application of the Saturn V launch vehicle to unmanned scientific exploration of the planet Jupiter. 22 p3887 A67-40138
- BROWN, C. A., JR.**
Feasibility and design study of an unguided solar orbital launch vehicle. 08 p1404 A67-20493
- BROWN, C. C.**
Design and manufacture of pure fluid elements. 08 p1282 A67-20467
- BROWN, D.**
Experiments on the internal impedance of an MHD generator /Opreделение vnutrennego impedansa MGD-generatora/. 17 p2802 A67-32182
- BROWN, D. B.**
Trends in airline pilot training. 18 p2993 A67-34073
- BROWN, D. N.**
Flotation requirements for aircraft. 17 p2832 A67-31986
- BROWN, D. R.**
A modified Milne-Eddington curve of growth procedure. 22 p3896 A67-40528
- BROWN, D. W.**
Large ground antenna performance with solar noise jamming. 05 p0780 A67-17524
- BROWN, E. B.**
High resolution aerial photography. [SMPT PREPRINT 100-10] 03 p0423 A67-13804
High resolution aerial photography. 08 p1330 A67-20645
Performance measures for photo-optical systems. 16 p2680 A67-31804
- BROWN, E. L.**
Comparative projections of helicopters, compound helicopters and tilting-propeller low-disc-loading VTOL aircraft for civil applications. 24 p4097 A67-43029
- BROWN, F.**
Shell ASA-3. 05 p0872 A67-16234
- BROWN, F. M.**
State-equations corresponding to a time-varying linear differential system. 17 p2829 A67-32627
- BROWN, G. A.**
Liquid metal magnetohydrodynamic power generation with condensing ejector cycles. 16 p2606 A67-30589
- BROWN, G. L.**
Theory and application of heated films for skin friction measurement. 16 p2659 A67-30950
- BROWN, G. M.**
An experimental investigation of the field alignment of ionospheric irregularities. 22 p3788 A67-39468
- BROWN, H.**
Qualitative aspects of asteroid statistics. 20 p3524 A67-36654
Determination of iron, nickel, cobalt, calcium, chromium and manganese in stony meteorites by X-ray fluorescence. 24 p4235 A67-42638
- BROWN, H. E.**
Avalanche transistors drive laser diodes hard and fast. 03 p0376 A67-12964
- BROWN, H. H.**
Accident recording system for the prototype Concorde. 12 p1939 A67-25231
- BROWN, H. J.**
Structural carbon yarn. 03 p0454 A67-13424
- BROWN, H. L.**
Temperature dependence of Young's modulus of a Ta-W-Hf alloy. 12 p1954 A67-25141
- BROWN, I. G.**
Properties of a laboratory plasma prepared with combined transverse and longitudinal currents. 11 p1845 A67-25098
Some studies of the attenuation of torsional Alfvén waves in a partly ionized hydrogenous plasma. 19 p3290 A67-35377
- BROWN, J. H.**
Orbital guidance and rendezvous using perturbation method. [AIAA PAPER 67-55] 08 p1028 A67-18265
Visual-aurous interaction and specificity of nystagmic habituation. 17 p2805 A67-31958
- BROWN, J. L., JR.**
Output characteristic function for an analog cross-correlator with bandpass inputs. 12 p1916 A67-26080
- BROWN, J. M.**
Kilocycle oscillations in an electronegative plasma. 12 p1970 A67-25261
- BROWN, J. R.**
Low speed, low cost wind tunnel. 11 p1773 A67-24640
- BROWN, J. S.**
Microminiaturization of an integral sensor telemetry transmitter. 12 p1911 A67-25272
- BROWN, J., JR.**
A miniaturized C-band digital latching phase shifter. 08 p1305 A67-21227
- BROWN, K. C.**
Critical review and current developments in three-dimensional turbulent boundary layers. 11 p1776 A67-24048
- BROWN, K. R., JR.**
Rapid computation of optimal trajectories. 21 p3702 A67-38024
- BROWN, L. C.**
An automatic failure detector for power conditioning equipment. [AIAA PAPER 67-983] 24 p4110 A67-43055
- BROWN, L. M.**
A proof of Lothe's theorem. 08 p1418 A67-20799
- BROWN, L. W.**
Lunar occultation and provisional identification of MSH 21-23. 03 p0515 A67-14326
Lunar occultation of 3C132. 21 p3706 A67-38616
- BROWN, M. A. C. S.**
Epitaxial indium arsenide lasers. 05 p0825 A67-17096
Time constants of some fast photodetectors measured using an indium arsenide laser. 18 p3046 A67-33746
- BROWN, N. J.**
A large nuclear-electric space power plant. 24 p4186 A67-42549
- BROWN, P. F.**
Lubrication review - A digest of the literature for 1965. [ASME PAPER 66-WA/LUB-8] 04 p0629 A67-15349
- BROWN, P. L.**
Notes on the Barwell meteorite. 05 p0898 A67-16889
- BROWN, P., JR.**
Laser safety considerations. 07 p1194 A67-19089
- BROWN, R.**
The production of quiescent caesium plasma in a thermal ionization chamber. 11 p1838 A67-24412
The CNEN helium-caesium blow-down MPD facility and experiments with a prototype duct. 16 p2653 A67-30549
Further development, operation and experiments with the IRD closed-cycle MPD loop. 16 p2601 A67-30551
- BROWN, R. A.**
The lunar tide in the E-layer. 21 p3616 A67-37997
- BROWN, R. C.**
A plasticity correction for a single-edge cracked specimen in tension. 10 p1717 A67-23016
- BROWN, R. D.**
Friction and adhesion of copper in vacuum. [ASME PAPER 66-LUB-3] 03 p0431 A67-13754
- BROWN, R. D., III**
New methods for de Haas-Shubnikov measurements. 07 p1155 A67-19891
- BROWN, R. F.**
Performance of an aerodynamic molecular beam chamber for cryopumping and adsorption pumping studies. 11 p1773 A67-24344
Background gas scattering and skimmer interaction studies using a cryogenically pumped molecular beam generator. 14 p2316 A67-28189
- BROWN, R. G.**
Not just observable, but how observable/ques/. 02 p0227 A67-12159
Thermal analysis of the Apollo - A computer technique which accounts for the influence of self-shadowing. 02 p0334 A67-12390
Plastic fiber optics. I. 17 p2870 A67-33302
- BROWN, R. H.**
The stellar interferometer at Narrabri, Australia. I - The principles of the intensity interferometer - General description. 01 p0062 A67-10283
Constitution of alloys. 14 p2334 A67-27802
- BROWN, R. K.**
Concept and techniques for evaluation of control section instruments. 12 p1947 A67-26187
- BROWN, R. M.**
Calculation of fringe visibility in a laser-

- illuminated interferometer. 11 p1790 A67-24420
The deleterious effect of small quantities of aluminum on the stress-rupture properties of a Cr-Mo-V steel. 16 p2693 A67-31869
The effect of hot rolling variables on the fracture toughness of 18Ni maraging steel. 22 p3822 A67-40057
- BROWN, R. R.**
Effects of protons and alpha particles on thermal properties of spacecraft and solar concentrator coatings. [AIAA PAPER 65-649] 03 p0448 A67-13054
Correlation of electron-induced changes in transistor gain with components of recombination current. 04 p0588 A67-15705
Balloon observations during PCA events. 10 p1637 A67-23189
On chemiluminescent radiation from nitrogen dioxide during PCA events. [AFOSR-67-1379] 10 p1702 A67-23345
Auroral-zone electron precipitation accompanying a sudden impulse in the geomagnetic field. 14 p2310 A67-28056
Energy dependence of proton and electron displacement effects on silicon semiconductor devices. 17 p2917 A67-32847
- BROWN, R. S.**
Instrumentation response requirements for solid-propellant combustion termination systems. 17 p2926 A67-32069
Surface reaction effects on the acoustic response of composite solid propellants. 19 p3309 A67-35010
Effect of surface reactions on acoustic response of solid propellants. 19 p3311 A67-35777
Dynamic ballistics of combustion termination by fluid injection. 21 p3733 A67-38893
Solution of equations for solid propellant ignition. 23 p4048 A67-41764
- BROWN, R. T., JR.**
Laser backscatter signatures and transmissivity over horizontal and slant paths. 04 p0649 A67-14677
- BROWN, S. C.**
Introduction to electrical discharges in gases. 02 p0279 A67-12720
- BROWN, S. L.**
Maximum lift-to-drag ratio of a slender, flat-top, hypersonic body. 20 p3359 A67-37124
- BROWN, S. N.**
Hartree's solutions of the Falkner-Skan equation. 04 p0604 A67-14830
A differential equation occurring in boundary-layer theory. 06 p1025 A67-18730
- BROWN, W. B.**
On the factorization of secular equations by group theory. 10 p1874 A67-23377
On the critical binding of an electron by an electric dipole. 11 p1824 A67-24996
Analytic power-series solution of the Schroedinger equation for the helium atom. 15 p2520 A67-30158
Integral series solution of the Schroedinger equation for the helium atom. 15 p2520 A67-30159
A single variable variational approximation for a perturbed Schroedinger equation. 20 p3479 A67-37600
Stability of compressible boundary layers. 21 p3614 A67-38854
- BROWN, W. D.**
Computer simulation of solar array performance. 23 p3940 A67-41515
- BROWN, W. E.**
Ionospheric electron content and the / α / 6300 angstrom units nightglow. 24 p4147 A67-41878
- BROWN, W. E., III**
Technique for absolute temperature measurements at microwave frequencies. 20 p3444 A67-36521
Relative flux densities of radio sources at a frequency of 8 GHz. 24 p4224 A67-41824
- BROWN, W. E., JR.**
Lunar surface Surveyor radar response. 08 p1386 A67-20941
- BROWN, W. H.**
A direct method for computing test procedures using a digital computer. [AIAA PAPER 67-235] 07 p1149 A67-20058
- BROWN, W. K.**
Tolerance to long duration plus G sub x acceleration. 23 p3958 A67-41652
- BROWN, W. L.**
Some effects of macrofractionated gamma ray irradiation upon the rhesus primate. 10 p1599 A67-23816
- Statistical analysis and modeling of the high-energy proton data from the Telstar 1 satellite. 24 p4210 A67-42334
- BROWN, W. M.**
Synthetic aperture radar. 11 p1753 A67-24440
- BROWN, W. P., JR.**
Propagation in random media - Cumulative effect of weak inhomogeneities. 09 p1461 A67-21595
- BROWNE, A.**
The stellar interferometer at Narrabri, Australia. II - Measurement of the correlation. 01 p0063 A67-10284
- BROWNE, L. E.**
Study of heat balance in full pressure suits. 09 p1455 A67-21731
- BROWNE, P. F.**
Quasi-stellar sources - Supernovae and novae. 24 p4231 A67-42451
- BROWNING, G. V.**
Failure analysis of multilayer boards. 08 p1307 A67-21419
Investigating failure mechanisms. 19 p3193 A67-35029
- BROWNE, R. R.**
Racing the moon's shadow. 06 p1004 A67-18383
- BROWNLOW, A. E.**
Cosmic spherules in a Pacific core. 06 p1079 A67-17657
- BOYLES, A. A.**
Method for determining the thermodynamic properties of the quantum electron gas. 15 p2533 A67-30383
Variational method for the ground state of liquid He super 4. 22 p3835 A67-39301
- BRUALDI, R. A.**
The diagonal equivalence of a nonnegative matrix to a stochastic matrix. 04 p0645 A67-15082
- BRUBAKER, J. W.**
ASM strapdown guidance in-flight alignment. 17 p2881 A67-32487
- BRUCE, C.**
Density and temperature of a laser induced plasma. 05 p0852 A67-16654
- BRUCE, C. E. R.**
Thermal and non-thermal cosmic energy sources. 04 p0691 A67-14433
- BRUCE, C. F.**
Interference accelerometer. 20 p3444 A67-36520
- BRUCE, D. M.**
The force on a plane screen due to a normal jet. 17 p2836 A67-32127
- BRUCE, R.**
Aerial photography today and tomorrow. 06 p1000 A67-17583
- BRUCE, R. L.**
Some studies of electron cyclotron echoes from plasma. 23 p4031 A67-40889
- BRUCH, B.**
Launch vehicles as support subsystems for communications satellites. 06 p1093 A67-17678
- BRUCHEY, W. J., JR.**
A technique of simulation of the operational and human factors design of the Apollo altrock module and the Gemini IX-XII EVA missions. [AIAA PAPER 67-773] 24 p4118 A67-42941
- BRUCK, C. E.**
Maintainability - Never too late. 23 p4070 A67-40581
- BRUCKENSTEIN, S.**
Simultaneous and independent potentiostatic control of two indicator electrodes - Application to the copper /II//copper/I/ /copper system in 0.5M KCl at the rotating ring-disc electrode. 20 p3446 A67-36655
- BRUCKER, G. J.**
Low-energy proton irradiation of coated and uncoated thin-film CdS and single-crystal Si solar cells. 01 p0037 A67-10476
Ionization and displacement damage in silicon transistors. 04 p0588 A67-15706
A radiation-induced instability in silicon MOS transistors. 04 p0589 A67-15716
Correlation of radiation damage in silicon transistors bombarded by electrons, protons, and neutrons. 17 p2917 A67-32845
Neutron damage in silicon solar cells. 23 p3940 A67-41520
- BRUCKMAN, B. W.**
Requirements of a commercial supersonic aircraft on its engines. [AIAA PAPER 67-376] 15 p2549 A67-30423
- BRUDNYI, V. N.**
Effect of irradiation by electrons on the electrical properties of gallium arsenide /Vllianie obluchenia elektronami na elektricheskie svoystva arsenida gallia/. 06 p1049 A67-17858
- BRUECHMANN, P.**
Bird impact tests /Vogelschlagversuche/. 01 p0049 A67-10539
Hansa jet 320 - A report on the development, testing and production of Germany's first business plane. 07 p1129 A67-19670
Development of modern front windshields for aircraft /Entwicklung moderner Flugzeugfrontscheiben/. 18 p2986 A67-34099
- BRUECK, S. R. J.**
Microwave emission from n-type indium antimonide at 4.2 and 77 deg K. 22 p3884 A67-40345
- BRUECKNER, G.**
Measurement of resonance polarization in the chromosphere of the sun and its general magnetic field. 21 p3709 A67-38989
- BRUECKNER, K. A.**
A linearized theory of laser-induced instabilities in liquids and gases. 23 p4027 A67-41024
- BRUEGGEMANN, R. P.**
A digital simulation of clutter rejection MTI radars. 20 p3388 A67-37651
- BRUENER, H.**
Comparative investigation of the physical fitness of man with respect to manual labor, oxygen deficiency, and acceleration /Vergleichende Untersuchungen der koerperlichen Leistungsfahigkeit des Menschen bei Muskelarbeit, im Sauerstoffmangel und bei Beschleunigung/. 03 p0364 A67-13924
Diurnal rhythm and function diagnostics of peripheral cycle regulation /Tagesrhythmik und Funktionsdiagnostik der peripheren Kreislaufregulation/. 11 p1747 A67-25035
- BRUENING, G.**
Time-optimum transition of VTOL aircraft /Zur zeitoptimalen Transition von VTOL-Flugzeugen/. 06 p0944 A67-17627
- BRUENTRUP, H.**
Cooled parametric amplifiers and demands on their refrigeration systems. 14 p2278 A67-27783
- BRUEVICH, A. N.**
Phase stability of multistage frequency multipliers. 10 p1613 A67-23448
- BRUGGEMAN, G.**
Grain boundary diffusion in tungsten. 20 p3470 A67-37388
- BRUHN, G.**
Calculation of the unsteady flow of an ideal gas along a moving wall /Berechnung der instationaeren Stroemung eines idealen Gases entlang einer bewegten Wand/. 13 p2093 A67-26635
A noniterative numerical procedure for the solution of boundary-value problems of partial differential equations /Ein nichtiteratives numerisches Verfahren zur Loesung von Randwertaufgaben partieller Differentialgleichungen/. 17 p2820 A67-32801
- BRUK, I. U. M.**
Sound absorption in the intermediate state of superconductors. 03 p0502 A67-14377
Calculation of the main parameters of a phased antenna array with stepped tierwise nonsynchronous control of the beam position. 10 p1611 A67-22982
T-shaped radio telescope with a range from 10 to 25 mc with electric beam control /T-obrazny radioteleskop diapazona 10 - 25 MGTs s elektricheskim upravleniem luchom/. 16 p2640 A67-31496
- BRUKL, C. E.**
Lower-temperature modifications of Nb sub 2 C and V sub 2 C. 16 p2691 A67-31598
- BRULARD, J.**
The regression rates in transient regimes of composite solid rocket grains /Les vitesses de combustion des propergols solides composites en regime transitoire/. 08 p1373 A67-20803
Study of the combustion of aluminum particles /Contribution a l'etude de la combustion des particules d'aluminium/. [ONERA-TP-486] 17 p2926 A67-32697
- BRUMA, M.**
Generation of elastic waves by laser radiation pressure /Generation d'ondes elastiques par pression de radiation laser/. 14 p2374 A67-28987
- BRUMBERG, V. A.**
A numerical development of a generalized

- planetary theory. 18 p3120 A67-33865
- BRUMM, D. B.**
 Copying holograms. 03 p0426 A67-14397
 Double images in copy 03
 holograms. 10 p1654 A67-22754
 A technique for bandwidth reduction in holographic systems. 22 p3796 A67-39260
- BRUMMER, E. A.**
 The Lunar Orbiter telecommunications systems. 17 p2811 A67-32119
- BRUN, E. A.**
 Hot-wire probe for studying low-pressure flows and its use in studying the wake of a cylinder /Sonde a fil chaud pour l'etude d'écoulements a basse pression et son emploi dans l'etude du sillage d'un cylindre/. 01 p0006 A67-10757
 Some new low density installations and their operation /Sur quelques nouvelles installations a basse densite et leur activite/. 04 p0596 A67-14993
 New type of longitudinal vortex in flow around a cylinder - Influence of the angle of attack and the turbulence of the free flow /Sur un nouveau type de tourbillons longitudinaux dans l'écoulement autour d'un cylindre - Influence de l'angle d'attaque et de la turbulence du courant 04 p0548 A67-15493
 Heat and mass transfer on sweptback circular cylinders in supersonic flow. 04 p0549 A67-15824
 Measurement of local coefficients of forced convection /Mesure du coefficients locaux de convection forcee/. 05 p0790 A67-16034
 Study of the flow around a flat plate at an angle of incidence at high Mach numbers /Etude de l'écoulement autour d'une plaque plane en incidence a des nombres de Mach éleves/. 11 p1742 A67-24761
 A study of wakes behind cylinders in free-molecule flow. 14 p2300 A67-28175
 Heat transfer from wires in a rarefied low speed flow. 14 p2405 A67-28178
 Magnetically driven shock-tube flow studies at high velocities. 16 p2594 A67-31265
 Low-density aerodynamic studies in the SR 3 wind tunnel of the CNRS aerothermal laboratory /Etudes aerodynamiques a faible densite dans la soufflerie SR 3 du laboratoire d'aerothermique du C.N.R.S./. 17 p2790 A67-32231
- BRUN, L.**
 Ordinary waves in viscoelastic mediums /Sur les ondes ordinaires dans les milieux viscoelastiques/. 11 p1877 A67-24750
- BRUN, P.**
 Influence of the configuration utilized on the threshold of an optical-pumping laser /Influence de la configuration utilisee sur le seuil d'un laser a pompage optique/. 04 p0634 A67-15498
 Study of the effectiveness of the coupling between a light source and the active medium in an optically pumped laser /Etude de l'efficacité du couplage entre la source lumineuse et le milieu actif dans un laser a pompage optique/. 13 p2128 A67-27230
- BRUN, R.**
 Pressure and density of the heat flux at the surface of a pointed or blunt-nosed obstacle situated in the divergent truncated cone of a hypersonic nozzle /Pression et densite de flux de chaleur a la surface d'un obstacle a pointe vive ou émousee, place dans le divergent tronconique d'une tuyere hypersonique/. 01 p0005 A67-10258
 Influence of the sphericity of a free hypersonic flow on the distribution of the pressure and heat flux at the surface of slender bodies of revolution /Influence de la sphericite d'un écoulement libre hypersonique sur la distribution de la pression et du flux de chaleur a la surface de corps de revolution 16 p2594 A67-31468
 Effects of the angle of incidence on the wall heat flux in the plane of symmetry of a cone of revolution in the hypersonic regime /Effets de l'incidence sur le flux de chaleur parietal dans le plan de symetrie d'un cone de revolution en regime hypersonique/. 24 p4092 A67-42660
- BRUNAUD, B.**
 Solar-sensor system for the D-2 satellite /Le systeme de senseurs solaires pour le satellite D-2/. 21 p3629 A67-38666
- BRUNDAGE, D. R.**
 Swept frequency modulation. 02 p0202 A67-12124
- BRUNDIN, C. L.**
 Rarefied Gas Dynamics, Proceedings of the Fifth International Symposium, Oxford University, Oxford, England, July 4-8, 1966. Volume 2. 14 p2298 A67-28160
- BRUNDRETT, E.**
 A temperature probe for the determination of heat transfer at a wall in turbulent flow. 18 p3160 A67-34165
- BRUNELLI, B.**
 An experiment on destruction of coherent motion in a quiescent plasma. 11 p1837 A67-24394
 An experiment on destruction of coherent motion in a quiescent plasma. 13 p2166 A67-26731
- BRUNER, E. C., JR.**
 Solar hydrogen Lyman-alpha-profile spectrograph. 16 p2680 A67-31875
 Electronic enhancement of faint photographic spectra. 19 p3232 A67-35698
- BRUNER, G.**
 The Concorde SST. II - Cabin, problem of noise, production, tests /L'avion de transport supersonique concorde. II - Cabine, probleme du bruit, production, essais/. 02 p0180 A67-12040
 Organization of short range transport traffic by means of STOL aircraft /Organisation d'un trafic de transport a courte distance au moyen des avions a decollage et atterrissage court /STOL/. 03 p0357 A67-12969
 Second International Aeronautical Exhibition at Turin /IIe Salon International de l'aeronautique de Turin/. 09 p1439 A67-22092
 "Jaguar" - a Franco-British aircraft for training and tactical support /"Jaguar" - Avion-ecole et d'appui tactique Franco-Britannique/. 15 p2420 A67-30127
- BRUNET, H.**
 High resolution spectroscopy by Zeeman-tuned infrared laser. 05 p0816 A67-16633
- BRUNETAUD, R.**
 Evolution of materials for the blades of gas turbines /Evolution des matériaux pour aubes de turbine des turboreacteurs/. 05 p0829 A67-16744
- BRUNINGS, J. E.**
 Nuclear power in space. 08 p1352 A67-21052
 SiGe direct radiating converter radioisotope thermoelectric generator. 24 p4110 A67-42899
- BRUNK, J. E.**
 A motion theory for sounding rockets with non-linear side and Magnus moments. 08 p1407 A67-20515
- BRUNNE, M.**
 Theoretical aspects of the induction method of plasma parameters measurement. 07 p1230 A67-20105
- BRUNNER, A.**
 Simple secondary antenna for monopulse operation /Eine einfache Sekundarraadarantenne fuer Monopulsbetrieb/. 06 p0967 A67-17616
- BRUNNER, M. J.**
 Fulfillment of safety criteria for orbital re-entry of radioactive power sources. [AIAA PAPER 67-966] 24 p4246 A67-43044
- BRUNNER, W.**
 Disappearance of the laser effect with very strong pumping /Verschwinden des Laser-Effektes bei sehr starkem Pumpen/. 18 p3059 A67-33672
 Quantum-mechanical calculation of the photon number and the amplitude fluctuations of a laser radiation /Quantenmechanische Berechnung der Photonenzahl und Amplitudenfluktuation einer Laserstrahlung/. 22 p3815 A67-39784
- BRUNO, P. S.**
 Depressurization induced extinction of burning solid propellant. 15 p2582 A67-29998
- BRUNO, R. P.**
 Reliability assessment testing of 2 kw hydrogen-oxygen fuel cell stacks. 24 p4109 A67-42896
- BRUNS, R. A.**
 Zener-diode function generator. 08 p1307 A67-21538
- BRUNS, R. H.**
 Comparison of optical and RF tracking for the lift-off phase of Saturn launch. 03 p0368 A67-13363
 Doppler systems. 10 p1605 A67-22995
- BRUNSTEIN, K. A.**
 Production of low-energy cosmic-ray electrons. 02 p0312 A67-12635
- BRUSCAGLIONI, P.**
 Radiation of a monopole antenna across a conducting sphere /Irraggiamento di un monopolo su una sfera conduttrice/. 13 p2081 A67-27200
 Electrostatic probe for ionospheric measurements of electron density and temperature. I /Una sonda elettrostatica per misure ionosferiche di densita e temperatura elettronica. I/. 18 p3048 A67-34225
 An electrostatic probe for ionospheric measurements of electron density and temperature. II /Una sonda elettrostatica per misure ionosferiche di densita e temperatura elettronica. II/. 20 p3441 A67-36383
- BRUSH, S. G.**
 Theories of the equation of state of matter at high pressures and temperatures. 20 p3485 A67-36929
 Opacity of high-temperature air. 20 p3485 A67-36930
- BRUSHLINSKII, K. V.**
 Calculation of two-dimensional unsteady plasma flows of finite conductivity in the presence of the Hall effect /Raschet dvumernykh nestatsionarnykh techenii plazmy konechnoi provodimosti pri nalichii effkta Kholla/. 13 p2168 A67-27301
 Influence of the finite conductivity on the two-dimensional flow of plasma in a coaxial channel /Vllanie konechnoi provodimosti na dvumernoe techenie plazmy v koaksial'nom kanale/. 21 p3665 A67-38240
- BRUSSE, E. V.**
 Conductivity and IR spectra of organic semiconductors in liquid state /Provodimost' i IK-spektry organicheskikh poluprovodnikov v zhidkom sostoianii/. 22 p3861 A67-39922
- BRUSTON, P.**
 Electric field measurements in the auroral ionosphere. 08 p1329 A67-21486
- BRUYERE, G.**
 Study of pneumatic lines /Etude des lignes pneumatiques/. 13 p2055 A67-26799
- BRUYNSERAED, Y.**
 The influence of alpha-irradiation on the transition temperature of superconductive tin, indium and thallium foils. 17 p2926 A67-33405
- BRUZEK, A.**
 Solar flares /Sonnenereignissen/. 01 p0144 A67-10771
 The solar flare phenomenon /Das Flare-Phaenomen auf der Sonne/. 05 p0885 A67-17286
- BRY, J.**
 Decentralized control for an advanced communication satellite system. 06 p0959 A67-17672
- BRYAN, B. G.**
 A pure fluid binary to decimal converter. 08 p1282 A67-20466
- BRYAN, G. M.**
 Navigation at sea by satellite. 05 p0839 A67-17388
- BRYANT, B. L.**
 A family of microcircuit computers for military and civil aircraft. 01 p0029 A67-10668
- BRYANT, D. A.**
 Evidence for velocity dispersion in auroral electrons. 17 p2844 A67-32765
- BRYANT, L. T.**
 Hybrid computers in the analysis of feedback control systems. 19 p3189 A67-36068
 A hybrid computer solution of the co-current flow heat exchanger Sturm-Liouville problem. 19 p3190 A67-36069
- BRYANT, P. J.**
 Response of the trigger discharge gauge. 06 p0950 A67-17750
- BRYANT, R. A. A.**
 Direct diabatic hydraulic analogy. 04 p0604 A67-14838
- BRYANT, R. D.**
 Effective visual criteria for welded interconnections. 21 p3636 A67-38631
- BRYANT, R. H.**
 Limit analysis by direct method of variation. 23 p4074 A67-40629
- BRYANT, R. W.**
 The effect of joint design and dimensions on adhesive strength. 09 p1577 A67-22503
- BRYANT, W. M., III**
 The mass spectra of derivatives of 3-azabicyclo /3.2.1/ octane, 3-azabicyclo /3.3.1/ nonane, and 8-azabicyclo /4.3.1/ decane. 09 p1458 A67-22057
- BRYKINA, L. S.**
 Investigation of the radiation resistance of silicon semiconductor detectors when

- irradiated by protons with an energy of 2.3 Mev /Issledovanie radiatsionnoi stoikosti kremlevykh poluprovodnikovyykh detektorov pri obluhenii protonami s energiei 2.3 Mev/. 21 p3628 A67-38596
- BRYNDEU, L.**
Polygonal method for the approximate investigation of systems with nonlinear characteristics /Metod mnogougol'nogo priblizheniia v issledovanii sistem s nelineinymi kharakteristikami/. 21 p3657 A67-38551
- BRYNGDAHL, O.**
Polarizing holography. 13 p2120 A67-26881
- BRYSEVA, L. A.**
Theory of wurtzite-type binary crystals /K teorii binarnykh kristallov tipa vurtzitov/. 18 p3094 A67-33437
- BRYSON, A. E., JR.**
Explicit guidance law for minimum fuel horizontal translation with bounded control. 06 p1090 A67-18867
Optimal programming and control. 10 p1819 A67-23418
Applications of optimal control theory in aerospace engineering. 13 p2072 A67-26814
Nonlinear feedback solution for minimum-time rendezvous with constant thrust acceleration. 16 p2758 A67-30651
Estimation using sampled-data containing sequentially correlated noise. 19 p3206 A67-35941
- BRYSON, J.**
High speed automatic testing of semiconductor devices. 15 p2449 A67-29812
- BRZECHKO, L. V.**
The influence of a metal vacuum chamber on the measurements of plasma parameters using a diamagnetic probe. 07 p1228 A67-19513
- BRZOZOWSKI, W.**
Dynamic thermocouple for measuring plasma temperatures up to 4000 deg C /Dinamicheskaya termopara dlia izmereniia temperatur plazmy do 4000 deg C/. 17 p2854 A67-32182
Introduction of plasma technology into the chemical and metallurgical industry /Vnedrenie plazmennoi tekhniki v khimicheskuyu i metallurgicheskuyu promyshlennost'/. 17 p2865 A67-32189
Review of the work accomplished at the institute of nuclear research in Poland in measuring some physical parameters of plasma in MHD generators and plasmotrons /Obzor rabot instituta iadernykh issledovani v Pol'she po izmereniiam nekotorykh fizicheskikh parametrov plazmy v MGD-generatorakh i v plazmotronakh/. 21 p3664 A67-38236
- BRZOZOWSKI, W. S.**
Ceramics materials for MHD generators. 20 p3472 A67-36114
- BSCHORR, O.**
Orbital transfer in perturbed gravity fields /Bahnttransitionen in bewegten Schwerfeldern/. 04 p0695 A67-14541
- BUBE, R. H.**
Laser saturation of photoconductivity and determination of imperfection parameters in sensitive photoconductors. 02 p0251 A67-11879
- BUBELEV, E. G.**
Method of analyzing superhigh-energy particle streams in velocity-space images /O metode analiza strui chastits sverkhvysokoi energii v obrazakh prostranstva skorostel/. 24 p4193 A67-42857
Application of a new method of analysis of reactions in velocity-space images to the pl super minus N and pN interactions at 17 and 24 GeV/c /Primenenie novogo metoda metoda analiza reaktii v obrazakh prostranstva skorostel k pl super minus N-i pN-vzaimodelstviiam pri 17 i 24 GeV/c/. 24 p4193 A67-42858
- BUBLIK, A. I.**
Electron-diffraction study of the structure of alloys of the Ge-Sn system in thin films /Elektronograficheskoe issledovanie stroeniia spлавov sistemy Ge-Sn v tonkikh plenkakh/. 17 p2920 A67-32891
- BUBLIK, B. N.**
Solution of stability problems for plates by the method of summary representations /Reshenie zadach ustoiichivosti platin metodom summarnykh predstavlenii/. 17 p2962 A67-32871
- BUBNOV, V. P.**
Calculation of heat regeneration in cycles using working bodies with variable thermal capacity /Raschet tepla regeneratsii v tsiklakh, ispol'zuyushchikh rabochie tela s peremennoi teploemkost'iu/. 07 p1266 A67-19181
- BUCCIARELLI, L. L., JR.**
Dynamic buckling of a circular ring constrained in a rigid circular surface. 14 p2398 A67-28093
Buckling of radially constrained circular ring under distributed loading. 22 p3908 A67-39287
- BUCCOS, N. J.**
Vacuum-ultraviolet photolysis of ethane films. 05 p0758 A67-16128
- BUCH, A.**
Relation between steel purity and tensile, creep and fatigue properties. 16 p2689 A67-31310
- BUCH, G. J. P.**
Properties of materials. 08 p1342 A67-20903
- BUCHAN, A. L.**
The derivation of a formula for thrust from thermodynamic energy equations. 15 p2472 A67-29673
- BUCHANAN, R. L.**
System safety - A quantitative fallout from reliability analysis. 18 p3139 A67-34704
- BUCHANAN, R. S.**
Can flight training take lessons from our astronaut training program/ques/. 13 p2064 A67-27273
- BUCHDAHL, H. A.**
General relativistic fluid spheres. II - General inequalities for regular spheres. 02 p0266 A67-11696
- BUCELE, D. R.**
Optical interferometry of inhomogeneous gases. 03 p0423 A67-13908
- BUCELE, K.**
New developments in aerospace quality control. 05 p0812 A67-17244
- BUCHELNIKOVA, N. S.**
Excitation of ionic sound waves in potassium and cesium plasma. 09 p1544 A67-21853
Current instability in an inhomogeneous plasma /Tokovaya neustoiichivost' v neodnorodnoi plazme/. 10 p1885 A67-23461
The investigation of inhomogeneous plasma instabilities. 11 p1834 A67-24376
The current instability in the potassium plasma. 11 p1834 A67-24377
Investigation of the turbulent state of a plasma during drift instability /Issledovanie turbulentnogo sostoiianiia plazmy pri dreifovoi neustoiichivosti/. 14 p2363 A67-29068
- BUCHER, E.**
Superconductivity and isotope effect in Be sub 22 X compounds and molybdenum. 11 p1846 A67-24582
- BUCHNELNIKOVA, N. S.**
Investigation of plasma turbulence due to the ion-acoustic instability. 23 p4032 A67-40905
- BUCHNER, M. M., JR.**
Coding for numerical data transmission. 15 p2439 A67-30387
- BUCHSBAUM, S. J.**
Limits of validity of Born approximation in microwave scattering from turbulent plasma. 22 p3850 A67-39722
- BUCHWALD, V. F.**
The iron meteorite Foellinge, Sweden. 24 p4232 A67-42611
- BUCHWALD, V. T.**
Some problems of thin circular cylindrical shells. I. 23 p4080 A67-41664
- BUCHY, F.**
Electroacoustic effects in semiconducting cadmium sulfide - Application to the generation of current oscillations /Effets acoustoelectriques dans le sulfure de cadmium semi-conducteur - Application a la generation d'oscillations de courant/. 01 p0130 A67-10199
- BUCK, A. L.**
Effects of the atmosphere on laser beam propagation. 11 p1801 A67-24665
The radiation pattern of a truncated Gaussian aperture distribution. 11 p1754 A67-24724
- BUCK, G. J.**
Resolution limitations of a finite aperture. 16 p2639 A67-31339
- BUCKEL, W.**
Homogeneous elastic stresses in evaporated gallium films /Homogene elastische Spannungen an aufgedampften Galliumfilmen/. 02 p0287 A67-11718
- BUCKELEW, V. L.**
Iterative guidance applied to generalized missions. [AIAA PAPER 67-620] 19 p3260 A67-36009
- BUCKENS, F.**
On the influence of the elasticity of components in a spinning satellite on the stability of its motion. 16 p2761 A67-30742
- BUCKINGHAM, A. D.**
The polarization of laser light scattered by gases. 04 p0634 A67-15624
- BUCKINGHAM, A. G.**
The uses of orbiting reflector satellites. [AAS PAPER 67-118] 15 p2570 A67-29964
The uses of orbiting reflector satellites. [AIAA PAPER 67-786] 24 p4242 A67-42949
- BUCKLE, D. C.**
Pionic and muonic X rays in liquid helium. 24 p4192 A67-42735
- BUCKLEY, D. H.**
Lubricants and mechanical components of lubrication systems for space environment. 02 p0250 A67-12453
Friction characteristics in vacuum of single and polycrystalline aluminum oxide in contact with themselves and with various metals. 03 p0428 A67-13231
The influence of various physical properties of metals on their friction and wear behavior in vacuum. 03 p0428 A67-13271
The influence of various physical properties of metals on their friction and wear behavior in vacuum. 14 p2324 A67-28000
Importance in lubrication of various interface types formed during vacuum deposition of thin metallic films. 16 p2684 A67-31816
Friction characteristics in vacuum of single and polycrystalline aluminum oxide in contact with themselves and with various metals. 19 p3237 A67-35838
Lubrication and wear fundamentals for high-vacuum applications. 21 p3633 A67-38142
The influence of the atomic nature of crystalline materials on friction. 24 p4164 A67-42733
- BUCKLEY, J. D.**
Elastic modulus of stabilized zirconia. 16 p2695 A67-31701
- BUCKLEY, R.**
The response of a spherical plasma probe to alternating potentials - Results of computations and use for plasma diagnostics. 15 p2528 A67-29564
- BUCKNER, C. L.**
Relay reliability - A test and analysis program. 13 p2085 A67-27698
- BUCKNER, H. A., JR.**
Growth and operational capabilities of the turboprop engine. [SAE PAPER 670236] 12 p1989 A67-25494
- BUCKO, S.**
Stability analysis of cylindrical shells under axial compression by the method of generalized power series /Analiza statechnosti osiowo sciskanykh poklov walcowych metoda uogolnionych szeregow potegowych/. 07 p1262 A67-19345
Analysis of stability of axially compressed cylindrical shells by the method of generalized power series. 17 p2961 A67-32808
- BUCY, R. S.**
New results in asymptotic control theory. 03 p0391 A67-13265
- BUCY, R. W., JR.**
A survey of advanced structural technologies applicable to future large launch vehicles. 15 p2569 A67-29855
- BUCEK, C. J.**
Heterodyne performance of mercury doped germanium. 21 p3590 A67-38009
- BUDAGIAN, I. F.**
Conception of partial waves and a method of successive approximations in the solution of problems of the analysis and synthesis of optically inhomogeneous media /Kontseptsia partiial'nykh voln i metod posledovatel'nykh priblizhenii pri reshenii zadach analiza i sinteza opticheskii neodnorodnykh sred/. 03 p0467 A67-12893
Partial waves and successive approximations applied to the analysis and synthesis of optically nonuniform media. 06 p1034 A67-18771
Application of asymptotic methods of the theory of nonlinear oscillations to the problem of wave propagation in an inhomogeneous medium /Primenenie asimpoticheskikh metodov teorii nelineinykh kolebani k zadache rasprostraneniia voln v neodnorodnoi

- srede/. 06 p1034 A67-18814
- BUDBERG, P. B.**
Investigation of the TiCr sub 2 -TaCr sub 2 -NbCr sub 2 system /Issledovanie sistemy TiCr sub 2 -TaCr sub 2 -NbCr sub 2/. 03 p0447 A67-13640
Study of the system TiCr sub 2-ZrCr sub 2 /Issledovanie sistemy TiCr sub 2-ZrCr sub 2/. 07 p1204 A67-19265
Some mechanical and physical properties of the AT13 alloy /Nekotorye mekhanicheskie i fizicheskie svoystva splava AT13/. 07 p1207 A67-19287
Effect of vanadium and molybdenum on the properties and phase transformations of the intermetallic compound TiCr sub 2. 16 p2691 A67-31591
The system TiCr sub 2 -TaCr sub 2 -NbCr sub 2. 17 p2875 A67-33173
- BUDENSTEIN, P. P.**
Breakdown conduction in Al-SiO₂-Al capacitors. 18 p3105 A67-34630
- BUDIANSKY, B.**
Dynamic buckling of elastic structures - Criteria and estimates. 14 p2396 A67-28083
- BUDIHARTO, K.**
Ionospheric data as obtained by a rocket in Indonesia. 19 p3219 A67-35232
- BUDIN, J. P.**
On the dynamics of laser-induced damage in glasses. 02 p0253 A67-12508
- BUDKER, G. I.**
Experiments with dense hot plasma /Eksperimenty s plotnoi gorielach plazmoi/. 19 p3282 A67-35159
- BUDKO, L. I.**
Momentum and energy of gravitational waves /Ob impul'se i energii gravitatsionnykh voln/. 15 p2518 A67-30005
Momentum and energy of gravitational waves. 18 p3079 A67-33763
- BUDKO, N. I.**
Asymptotic nature of the wake of a rapidly moving body in rarefied plasma /Ob asimptotike sleda bystrodvizhushchegosia tela v razrezhennoi plazme/. 05 p0855 A67-17123
Asymptotic behavior of the trail of a body moving rapidly in a rarefied plasma. 21 p3668 A67-38466
- BUDNIATSKII, I. M.**
Inverse problem of the theory of gyro-stabilizers /K obratnoi zadache teorii girostabilizatorov/. 06 p1003 A67-18176
Determination of systematic gyroazimuthal drifts in the case of random perturbations /Opredelenie sistematicheskikh ukhodov giroazimutgorizonta pri sluchainykh vozmushcheniakh/. 22 p3809 A67-40481
- BUDNICK, D.**
Thermionic nuclear power systems in the range from 5 to 50 kwe /Thermionische Kernreaktor-Energieversorgungsanlagen fuer einen Leistungsbereich von 5 bis 50 kwe/. 04 p0559 A67-15964
- BUDNIKOV, P. P.**
Microstructure of "molecular" cermets /O mikrostrukture "molekularnykh" kermetov/. 05 p0830 A67-17034
Microstructure of "molecular" cermets. 18 p3066 A67-34455
- BUDNIKOV, V. N.**
Observation of plasma created by a superhigh-frequency field in the state of electron-cyclotron resonance. I /Issledovanie plazmy, sozdavaemol sverkhvysokochastotnym polem v rezhime elektronnoho tsiklotronnogo rezonansa. I/. 15 p2529 A67-29715
Observation of plasma created by a superhigh-frequency field in the state of electron-cyclotron resonance. II /Issledovanie plazmy, sozdavaemol sverkhvysokochastotnym polem v rezhime elektronnoho tsiklotronnogo rezonansa. II/. 15 p2529 A67-29716
- BUDNIKOVA, T. V.**
Axisymmetric stressed state of a spherical shell with an arbitrary temperature distribution along the meridian /Osesimmetrichnoe napriazhennoe sostoianie sfericheskoi obolochki pri proizvol'nom raspredelenii temperatury voloi' meridiana/. 05 p0914 A67-16197
- BUDURKA, W. J.**
Sensitivity constrained optimal control synthesis. 21 p3602 A67-38026
- BUDZHAK, I. A. S.**
Effect of energy band nonparabolicity on the kinetic properties of semiconductors

- /Vpliv neparabolichnosti energeticheskikh zon na kinetichni vlastivosti napriyivodnikiv/. 02 p0300 A67-12475
- BUDZINSKI, E. E.**
Rocket observations of electron pitch-angle distributions during auroral substorms. 15 p2473 A67-29187
Rocket measurements in proton aurora. 24 p4209 A67-42262
- BUECHE, J. F.**
Effect of spherical roughness on hypersonic boundary-layer transition. [AIAA PAPER 66-26] 04 p0547 A67-14819
- BUECHNER, E. E.**
Modern double-based and multiple-based powders /Moderne zweel-und mehrbasige Pulver/. 13 p2185 A67-26337
- BUECKEN, R.**
A general formulation of the postulate for minimum volume of the MHD generator duct with fixed outer boundary values. 09 p1443 A67-21801
- BUECKER, H.**
Biophysical research in space flights. I /Biophysikalische Forschungen beim Raumflug. I/. 16 p2614 A67-31000
Biophysical research in space flight. II /Biophysikalische Forschungen beim Raumflug. II/. 18 p3116 A67-33700
- BUECKLING, A.**
Peaceful uses of outer space /Friedliche Benutzung des Weltraums/. 04 p0740 A67-15990
- BUECKNER, H. F.**
The stress concentration of a notched rotor subjected to centrifugal forces. 01 p0159 A67-10276
- BUEGLER, J. A.**
Adaptive digital satellite transmission ground terminal design considerations. 06 p0960 A67-17675
- BUEHLER, E.**
Superconductivity of the transition-metal carbides. 19 p3303 A67-35040
- BUEHLER, F.**
Trapping of the solar wind in solids. I. 11 p1825 A67-25079
- BUEHLER, M. G.**
A Hall four-point probe on thin plates - Theory and experiment. 19 p3308 A67-36041
- BUEHLER, W. E.**
Signature of man-made high-frequency radio noise. 01 p0024 A67-10499
- BUELL, H.**
U.T.M. grid navigation by Doppler-inertial airborne gyrocompassing. 16 p2701 A67-30928
- BUELL, J. D.**
A proposed computational method for estimation of orbital elements, drag coefficients and potential fields parameters from satellite measurements. 15 p2562 A67-30069
- BUELOW, F. H.**
An analytical and experimental study of the radiation properties of oxide films on metal substrates. [AIAA PAPER 67-286] 12 p1958 A67-26003
- BUELOW, K. V.**
Seleno-geological evidence from Surveyor I. 23 p4064 A67-40952
- BUEENING, E.**
Known and unknown principles of biological chronometry. 11 p1747 A67-24937
- BUERGER, W.**
Development of compression shocks in gases with thermodynamic relaxation /Entstehung von Verdichtungsstoessen in Gasen mit thermodynamischer Relaxation/. 13 p2094 A67-26636
- BUESNEL, F. J.**
Development of a high-speed linear bearing for catapults. 12 p1948 A67-25328
- BUE, T. A.**
Measurement system of the Saphir series SEREB missiles /Le systeme de mesures des missiles S.E.R.E.B. de la serie "Saphir"/. 17 p2861 A67-33131
- BUETEFSICH, K.**
Determination of the thermodynamic state of relaxing hypersonic gas flows by electron beam technique /Die Bestimmung des thermodynamischen Zustandes relaxierender hypersonischer Gasstroemungen durch Elektronenstossanregung/. 04 p0545 A67-14542
- BUFA, A.**
Acceleration of ions by drift resonance /Accelération d'ions par résonance de derive/. 11 p1841 A67-24768
- BUFFERD, A. S.**
Sap-type alloys solid solution strengthened with magnesium. 22 p3821 A67-40053

- BUFFUM, F. G.**
Acoustic attenuation in resonant model-rocket motors. 15 p2546 A67-29992
The response of a turbulent liquid jet to transverse acoustic fields. 16 p2658 A67-30945
Liquid jet oscillation in transverse acoustic fields. [AIAA PAPER 67-473] 18 p3026 A67-33943
- BUFFUM, F. G., JR.**
Acoustic attenuation experiments on subscale, cold-flow rocket motors. 06 p1075 A67-18853
- BUFFUM, R. S.**
A path-damping system for VTOL aircraft. 14 p2246 A67-29082
A hover augmentation system for helicopters. 17 p2797 A67-32574
- BUFLER, H.**
Calculation of torsional vibration elements by the transfer-matrix method with allowance for vibration of the second type /Berechnung von drehschwingungsketten nach dem uebertragungsverfahren bei zugrundelegung der torsion zweiter art/. 10 p1720 A67-23577
- BUGAENKO, V. V.**
A ring counter with a digital representation of readings /Kol'tsevoi schetchik s tsifrovoi indikatsiei/. 19 p3228 A67-34990
- BUGAEV, E. V.**
Large-angle scattering of cosmic-ray muons /O rasselanii mluonov kosmicheskikh luchel na bol'shie ugly/. 24 p4222 A67-42881
- BUGAKOV, I. I.**
Optical investigation of the stress concentration in a sheet with a circular opening subjected to biaxial tension. 04 p0711 A67-15198
- BUGES, J.-C.**
Variation of the refractive index of glass subjected to a focused laser beam /Variation de l'indice de réfraction d'un verre soumis a un faisceau laser focalise/. 12 p1951 A67-25148
- BUHLER-BROGLIN, A.**
Search for charges 1/3e and 2/3e in the cosmic radiation. 02 p0306 A67-11500
Hunting charges plus or minus 4/3 e in the cosmic radiation. 15 p2549 A67-29526
A study of the fractional charge content of the cosmic radiation. 24 p4210 A67-42600
- BUIAKAS, V. I.**
Optimal control by systems with variable structure. 05 p0781 A67-16256
Optimal control of systems with variable structure having constantly acting disturbances. 09 p1483 A67-22081
- BUIANOV, B. B.**
Method for investigating the reliability of complex logic-control systems by a statistical-analog technique /Ob odnom sposobe issledovaniia nadezhnosti slozhnykh sistem logicheskogo upravleniia metodom statisticheskogo modelirovaniia/. 23 p3985 A67-41670
- BUIANOV, I. I.**
Phase diagram of the system titanium-copper. 13 p2131 A67-26473
- BUIANOV, P. V.**
Results of medical examination of the crew of the cosmic ship Voskhod before and after its flight. 07 p1133 A67-19108
Prophylaxis for the negative effect of hypokinesia on the human cardiovascular system /Profilaktika otritsatel'nogo vliianiia gipokinezii na serdечноsoudistulu sistemu cheloveka/. 13 p2059 A67-26764
Extreme factors of long-term space flight and health condition requirements for the crew members of spacecraft /Ekstremal'nye faktory dlitel'nogo kosmicheskogo poleta i trebovaniia k sostoiianiu zdorov'ia chlenov ekipazhel kosmicheskikh korablei/. 16 p2613 A67-30911
- BUANOVA, E. A.**
Ferroelectric properties of PbTiO sub 3 - PbZrO sub 3 - PbNi sub 1/3 Nb sub 2/3 O sub 3 solid solutions. 03 p0498 A67-13704
- BUICE, R. L., JR.**
On the Knudsen limiting law of thermal transpiration. 04 p0739 A67-15948
- BUILDER, C. H.**
Advanced space vehicle planning - An analysis of the first decade. 15 p2566 A67-29833
- BUIMISTROV, V. M.**
Multiphoton absorption of light by current carriers in a semiconductor /Mnogofotonnoe pogloshchenie sveta nostellami toka v poluprovodnike/. 10 p1695 A67-23658

- Many-photon absorption of light by carriers in a semiconductor. 17 p2924 A67-33339
- BUINA, E. V.**
Stress concentration near a curvilinear hole in an infinite plate /Pro kontsentratsii napruzhenn' bilia krivoliniinogo otvora v bezmezhnii plastini/. 18 p3144 A67-34172
Threshold equilibrium of a plate weakened by a polygonal hole. 19 p3343 A67-35845
- BUINOV, N. N.**
Relation between the structure and superconductivity parameters of the alloy of zirconium with 4 per cent niobium. 10 p1689 A67-23090
Structure of the alloy Zr-4 percent Nb and its influence on the critical superconductivity parameters /Struktura splava Zr-4 percent Nb i ee vliianie na kriticheskie parametry sverkhprovodimosti/. 17 p2916 A67-32721
- BUIVOL, V. N.**
Stress concentration near holes in some shells of revolution /Kontsentratsia napriazhenii okolo otverstii v nekotorykh obolochkakh vrascheniia/. 11 p1878 A67-24880
Oscillations and stability of a system of cylindrical shells in an inviscid fluid flow /Kolebania i ustoiichivost' sistemy tsilindricheskikh obolochek v potoke neviskozoi zhidkosti/. 12 p2023 A67-25589
Supersonic flow of a compressible fluid past two cylindrical shells /Obtekanie dvukh tsilindricheskikh obolochek sverkhzvukovym potokom szhimaemol zhidkosti/. 18 p3024 A67-33540
Oscillations and stability of two irregular cylindrical shells in the flow of a compressible fluid /Kolebania i ustoiichivost' dvukh neravnykh tsilindricheskikh obolochek v potoke szhimaemol zhidkosti/. 21 p3720 A67-38296
- BUJATTI, M.**
On the energy gap of cubic CdS. 06 p1048 A67-17820
- BUKATA, R. P.**
Recurrent Forbush decreases associated with M-region magnetic storms. 01 p0145 A67-10919
Pioneer VI observations of the solar flare particle event of 7 July, 1966. 19 p3314 A67-35270
Cosmic-ray propagation processes. 22 p3871 A67-39796
Cosmic-ray propagation processes. 22 p3871 A67-39797
- BUKATYI, V. I.**
Laser emission attenuation in artificial water fogs /Oslablenie izlucheniia opticheskikh kvantovykh generatorov v iskusstvennykh vodnykh tumanakh/. 22 p3816 A67-39921
- BUKENYA, R.**
Rhombic aerial with feedback. 17 p2824 A67-32313
- BUKHACHEK, K.**
Variation of the nonlinear theory of elasticity /Ob odnom variante nelineinnoi teorii uprugosti/. 15 p2576 A67-30181
- BUKHANOV, A. A.**
Distribution of hydrogen between the phases in α /plus beta/-titanium alloys /Raspreделение vodoroda mezhdu fazami v α /plus beta/-titanovykh splavakh/. 07 p1200 A67-19246
High-temperature plasticity failure of titanium /O vysokotemperaturnom provale plastichnosti titana/. 07 p1200 A67-19248
Certain general patterns in the occurrence of hydrogen brittleness in the alloys VT3-1 and VT15 /O nekotorykh obshchikh zakonomernostyakh prolavleniia vodorodnoi khrupkosti v splavakh VT3-1 i VT15/. 07 p1206 A67-19283
- BUKHAROVA, T. A.**
Investigation of the injection electroluminescence of p-n junctions in gallium phosphide /Issledovanie in'ektsionnoi elektroluminesentsii p-n-perekhodov v fosfide gallia/. 14 p2368 A67-28531
Investigation of the injection electroluminescence of p-n junctions in gallium phosphide. 23 p4039 A67-40938
- BUKIN, G. V.**
Space-time distribution of ionization in the F2 region of the ionosphere at high latitudes in the Southern Hemisphere /O prostranstvenno-vremennom raspredelenii ionizatsii v oblasti F2 ionosfery na vysokikh shirotakh luzhnogo
- polusharia/. 16 p2668 A67-31893
- BUKOVSHIN, V. G.**
Incidence of a plane supersonic jet on a plane at an arbitrary angle /Padenie ploskoi sverkhzvukovoi strui na ploskost' pod proizvol'nym uglom/. 22 p3786 A67-40020
- BUKREEV, S. S.**
Certain problems involved in calculating transistorized AC amplifiers with a deep negative feedback /Nekotorye voprosy rascheta tranzistornykh usilitelei peremennogo toka s glubokoi otritsatel'noi obratnoi svyaz'iu/. 05 p0772 A67-16455
- BUL, B. K.**
Comparison of various types of magnetic systems for a magnetohydrodynamic generator /Sravnenie magnitnykh sistem razlichnykh tipov dlia magnitogidrodinamicheskogo generatora/. 01 p0011 A67-10050
Comparison of different types of magnet systems for a magnetohydrodynamic generator. 17 p2804 A67-33328
- BUL, O. B.**
Comparison of various types of magnetic systems for a magnetohydrodynamic generator /Sravnenie magnitnykh sistem razlichnykh tipov dlia magnitogidrodinamicheskogo generatora/. 01 p0011 A67-10050
Comparison of different types of magnet systems for a magnetohydrodynamic generator. 17 p2804 A67-33328
- BULABOIS, J.**
Spectral differentiation and hologram filtering of weakly decorrelated optical signals /Differentiation spectrale et filtrage par hologramme de signaux optiques faiblement decorrees/. 09 p1497 A67-21826
- BULAKH, B. M.**
Shock waves in conical flows. 03 p0352 A67-13631
Comments on the delta wing problem /Zamechania k zadache o del'tavidnom kryle/. 10 p1593 A67-23687
On conditions on the bow shock in viscous gas flow past a blunt body. 11 p1741 A67-24157
Supersonic flow of a viscous gas in the region of a weak shock. 11 p1742 A67-24687
Remarks on the problem of the delta-shaped wing. 21 p3564 A67-38288
- BULANOV, V. IA.**
A study of the properties of antifriction nickel-graphite composites. 08 p1341 A67-20599
- BULDYREV, V. S.**
Short-wave interference in the problem of diffraction on an inhomogeneous cylinder of arbitrary cross section /Interferentsia korotkikh voln v zadache difraktsii na neodnorodnom tsilindre proizvol'nogo secheniia/. 16 p2628 A67-31505
- BULEDZA, A. V.**
On difference methods for solution of boundary-value problems for differential equations of elliptic type. 03 p0459 A67-13591
- BULEEV, N. I.**
Flow of viscous incompressible fluid in the inlet section of a flat channel /Tehenie vliazkol neshzimaemol zhidkosti na vkhodnom uchastke ploskogo kanala/. 20 p3423 A67-37066
Turbulent fluid flows in annular and plane gaps /O turbulentnykh techeniakh zhidkosti v kol'tsevykh i ploskikh zazorakh/. 24 p4142 A67-42213
- BULEKBAEV, A.**
Numerical algorithms in the method of integral correlations for calculating mixed gas flows /Algoritmy chislennykh skhem metoda integral'nykh sootnoshenii dlia rascheta smeshannykh techenii gaza/. 05 p0791 A67-16374
- BULENT CAMEL, A.**
Magnetogasdynamic re-entry phenomena. 24 p4199 A67-42920
- BULEWICZ, E. M.**
Some observations on chemiluminescence and chemi-ionization in flames. 20 p3376 A67-37094
- BULGAKOV, A. K.**
Transients in linear antennas. 08 p1302 A67-20826
- BULGAKOV, IU. V.**
High resistivity regions in silicon exposed to photon bombardment /Oblasti vysokogo soprotivleniia v kremnii, obluchennom protonami/. 13 p2173 A67-26364
High-resistance regions in silicon irradiated with protons. 21 p3680 A67-38321
- BULGAKOV, N. G.**
On stabilization of nonstationary systems. 06 p0975 A67-18036
- BULK, G. K.**
Zero buoyancy - Simulation of weightlessness to evaluate psychophysiological and anthropomorphic parameters that affect space station design. 15 p2431 A67-29282
- BULL, C. S.**
Excess noise in semiconducting devices due to fluctuations in their characteristics when signals are applied. 17 p2828 A67-33383
- BULL, G.**
In-flight simulation for training/ques/ [AIAA PAPER 67-388] 15 p2432 A67-30356
- BULL, G. V.**
A review of project HARP. 06 p1098 A67-19021
Gun-booster rockets for high performance sounding missions. 08 p1409 A67-20550
Profiles of winds in the lower thermosphere by the gun-launched probe technique and their relation to ionospheric sporadic E. 10 p1644 A67-23257
Sporadic E and the wind structure of the E region. 11 p1783 A67-23924
Aerospace application of gun launched projectiles and rockets. 15 p2467 A67-30110
[AIAA PAPER 67-38] 15 p2467 A67-30110
Motions of an electron-ion cloud released at 100 kilometers from a gun-launched projectile. 17 p2844 A67-32545
Nighttime variation of ionospheric winds over Barbados, West Indies. 23 p3995 A67-40807
- BULL, M. K.**
Wall-pressure fluctuations associated with subsonic turbulent boundary layer flow. 17 p2836 A67-32283
- BULLARD, C. W.**
Determination of the attitude of a spinning rocket under thrust with statistically varied inputs. 19 p3334 A67-35938
- BULLARD, E. C.**
The secular variation of the earth's magnetic field. 03 p0414 A67-13944
- BULLARD, F. A.**
Small business faces aerospace industry quality requirements. 17 p2974 A67-32818
- BULLARD, R. W.**
Mobile Cinetheodolite Mount. 06 p1001 A67-17794
- BULLEN, F. P.**
Some effects of hydrostatic pressure on yielding and brittleness in iron and chromium. 16 p2689 A67-31328
The effect of free dislocations on yielding and fracture in body-centred cubic metals. 18 p3063 A67-33484
- BULLEN, K. E.**
On the constitution of Mars. 05 p0902 A67-17290
- BULL, III.**
Earth oscillations and the earth's interior. 08 p1325 A67-20985
- BULLIS, R. H.**
The plasma physics of thermionic converters. 22 p3747 A67-39342
- BULLIS, W. M.**
Influence of mobility and lifetime variations on drift-field effects in silicon-junction devices. 10 p1612 A67-23374
- BULLOCK, D. L.**
Dipolar radiative modes of a plasma cylinder. 03 p0484 A67-14044
- BULLOUGH, K.**
Rocket-borne equipment for an L.F. D region propagation experiment. 15 p2489 A67-30136
- BULSON, P. S.**
The plate buckling coefficient. 06 p1109 A67-18747
Local stability and strength of structural sections. 17 p2957 A67-32025
- BULYCHEV, L. A.**
Investigation of the stability of thin-walled closed shells under internal load and bending /Issledovanie ustoiichivosti tonkostennykh zamknutykh obolochek pri deistvii vnutrennego davleniia i izgiba/. 21 p3724 A67-38785
- BUMBA, V.**
Variability of the integrated solar K line emission. 12 p2001 A67-25223
The development of sunspot groups and the supergranular pattern. 13 p2204 A67-27434
Magnetic fields in small and young sunspots. 17 p2952 A67-33394
Radial motions in small and young sunspots. 21 p3707 A67-38964

- BUNCH, T. E.
Chromite composition in relation to chemistry and texture of ordinary chondrites. 24 p4232 A67-42612
- BUNDICK, W. T.
The Lunar Orbiter telecommunications systems. 17 p2811 A67-32119
- BUNDY, F. P.
Hexagonal diamonds in meteorites - Implications. 08 p1400 A67-21284
- BUNEMAN, O.
Shall we have to live with anomalous diffusion/ques/. 11 p1831 A67-24011
Time-reversible difference procedures. 23 p4027 A67-40996
- BUNEV, V. A.
Concentration limits of the ignition of methanol and formaldehyde mixtures /O kontsentratsionnykh predelakh vosplameneniya metanol'nykh i formal'degidnykh smesey/. 12 p2039 A67-26118
- BUNGARDT, K.
Studies of a martensitically aging high-strength stainless steel /Untersuchungen an einem martensitaushaertenden hochfesten rostbestaendigen Stahl/. 11 p1810 A67-25103
- BUNGE, C. F.
Unrestricted projected Hartree-Fock solutions for two-electron systems. 09 p1535 A67-22380
- BUNIMOVICH, A. I.
Aerodynamic characteristics of plane compressor cascades at high subsonic velocity /Aerodinamicheskie kharakteristiki ploskikh kompressornykh reshetok pri bol'shoi dozvukovoi skorosti/. 20 p3358 A67-37079
Correlation of the results of a study of plane compressor cascades at subsonic velocity /Obobshchenie rezul'tatov issledovaniya ploskikh kompressornykh reshetok pri dozvukovoi skorosti/. 20 p3358 A67-37080
The boundary layer in the case of flow past a cylinder along the generatrix /Pogranichnyi slot pri obtekanii tsilindra v dol' obrazulushchey/. 20 p3360 A67-37658
- BUNIMOVICH, V. I.
Optimal choice of the parameters of a communication channel in random coding /Ob optimal'nom vybere parametrov kanala svyazi pri sluchainom kodirovani/. 05 p0764 A67-16901
Optimum selection of parameters of a transmission channel in the case of random coding. 16 p2622 A67-30877
- BUNKE, H.
Stochastic approximation method /Ein Verfahren der stochastischen Approximation/. 09 p1524 A67-21933
- BUNKIN, F. V.
Two quantum transitions in optics. 06 p1010 A67-17885
Some features of the interaction between matter and short pulses of laser radiation /O nekotorykh osobennostyakh vzaimodeystviya korotkikh impul'sov lazernogo izlucheniya s veshchestvom/. 19 p3238 A67-34897
- BUNNER, A. N.
High-energy cosmic rays. 22 p3873 A67-39973
- BUNT, E. A.
Design and operation of the battery power supply of a hypersonic-propulsion facility. 04 p0556 A67-15638
Heat transfer effects arising from arc rotation in plasma arc heaters of the self-induced magnetic field type. 12 p2034 A67-25346
- BUNT, J. P.
The interconnection of integrated circuits /with particular reference to the 920M digital computer/. 14 p2274 A67-28025
- BUNTING, K. R.
Advanced aerospace greases. [ASLE PAPER 66AM 3C2] 09 p1506 A67-22421
- BUNTSHKIN, V. P.
Influence of molybdenum on the properties of Kh15N85 alloy. 06 p1018 A67-18229
- BUPARA, S. S.
Gas lubrication and distortion of high-pressure mainshaft seals for compressors. 10 p1658 A67-22705
- BURAK, I. A.
An extremal thermoelasticity problem for an infinite cylindrical shell /Ob odnoi ekstremal'noi zadache termoprugosti dlia beskonечноi tsilindricheskoi obolochki/. 17 p2962 A67-32968
- BURANICH, G. F.
Materials for aerospace antennas and radomes. 01 p0103 A67-10620
- BURAVOI, S. E.
Device for measuring the true specific heat of heat-resistant materials under cooling conditions. 16 p2678 A67-31784
- BURBIDGE, E. M.
The absorption spectrum of 3C 191. 08 p1400 A67-21251
The redshift and absorption-line spectrum of PKS 0237-23. 09 p1567 A67-22242
Spectroscopic observations of nineteen quasi-stellar radio sources. 14 p2389 A67-28844
Limits to the distances of the quasi-stellar objects deduced from their absorption line spectra. 14 p2390 A67-28851
Redshifts of thirteen radio galaxies. 20 p3527 A67-37392
- BURBIDGE, G.
The problem of the quasi-stellar objects. 04 p0695 A67-14514
On the wavelengths of absorption lines in quasistellar objects. 09 p1567 A67-22243
On some coincidences between wavelengths of absorption features in HZ 29 and in quasi-stellar objects. 11 p1862 A67-24507
Quasi-Stellar Objects. 23 p4069 A67-41438
- BURBIDGE, G. R.
Some restrictions on models of quasi-stellar objects. 04 p0701 A67-15544
Relation between the red-shifts of quasi-stellar objects and their radio magnitudes. 05 p0898 A67-18923
On correlations between the colors and redshifts of the quasi-stellar objects. 08 p1398 A67-21231
High energy photons and neutrinos from cosmic sources. 14 p2380 A67-27964
Limits to the distances of the quasi-stellar objects deduced from their absorption line spectra. 14 p2390 A67-28851
Origin of low energy cosmic rays from outside the solar system. 24 p4209 A67-41874
- BURBIDGE, M.
On some coincidences between wavelengths of absorption features in HZ 29 and in quasi-stellar objects. 11 p1862 A67-24507
Quasi-Stellar Objects. 23 p4069 A67-41438
- BURCEV, P.
Gravitational waves /Gravitacni vlny/. 09 p1531 A67-21653
- BURCH, D. S.
Atomic-nitrogen recombination. 01 p0117 A67-10883
- BURCH, J.
SPECS - A versatile space-qualified detector of charged particles. 20 p3443 A67-36517
- BURCH, J. M.
Holography with a scatter-plate as beam splitter and a pulsed ruby laser as light source. 05 p0807 A67-16931
The application of holography to the comparison of cylinder bores. 17 p2864 A67-33388
Lasers - Practical control and protection in experimental laboratories. 23 p4015 A67-41054
- BURCHAM, D. P.
The Voyager project. 08 p1412 A67-21097
- BURCHARDI, K.
Improvement of resolution by a photoelectric Raman spectrometer with He-Ne laser excitation. 09 p1492 A67-21561
Recording of Raman spectra excited by quasi-continuous and continuous ruby lasers /Registrierung von Ramanspektren bei Erregung mit quasikontinuierlichen und kontinuierlichen Rubinlasern/. 19 p3240 A67-35546
- BURCHENKO, P. IA.
Current heating of plasma in a closed magnetic trap /Tokovyi nagrev plazmy v zamknutoi magnitnoi lovushke/. 16 p2717 A67-31186
- BURCKHARDT, C. B.
Diffraction of a plane wave at a sinusoidally stratified dielectric grating. 03 p0423 A67-13905
Display of holograms in white light. 05 p0808 A67-17320
- BURDASOVA, T. A.
Changes in the structure of deformed niobium and niobium alloys during heating. 21 p3644 A67-38031
- BURDICK, G. A.
Pyroelectric hot spots. 02 p0299 A67-11893
- BURDORF, D. L.
New concept in high reliability tape recorders for spaceborne data storage. 02 p0242 A67-12018
- BURDUKOV, A. P.
Influence of vibrations on mass transfer from a sphere at high Prandtl numbers /Vliianie kolebani na massootdachu ot sfery pri bol'shikh chislakh Prandtl'a/. 20 p3554 A67-37068
- BURDUKOV, IU. M.
Volume electroluminescence of GaAs single crystals /Ob'emnaia elektroluminesentsiya monokristallov GaAs/. 14 p2368 A67-28538
Volume electroluminescence of GaAs single crystals. 23 p4040 A67-40945
- BURENKOV, D. K.
Effect of magnetic-field inhomogeneity on the flow of an electrically conducting fluid in a Hall-type MHD generator duct /Vlianie neodnorodnosti magnitnogo polia na techenie elektroprovodnoi zhidkosti v kanale MGD generatora Kholla/. 09 p1443 A67-21806
Choice of optimum Mach number for a flow of a nonequilibrium helium-cesium plasma in an MHD generator duct /Vybor optimal'nogo chisla Macha pri techenii neravnovesnoi gelievo-tsezievoi plazmy v kanale MGD generatora/. 16 p2604 A67-30570
- BURFORD, R. G.
Vasodepressor effect of reoxygenation. 03 p0364 A67-14290
- BURFORD, R. J.
The application of simulation techniques in the study of A.T.C. systems. 12 p1964 A67-25229
- BURGE, H. L.
Simplified thermal fatigue analysis for liquid rocket combustion chambers. 05 p0874 A67-17226
- BURGER, E. J., JR.
Pulmonary mechanics associated with oxygen toxicity and a suggested physiological test for susceptibility to the effects of oxygen. 15 p2429 A67-29280
- BURGER, F. G.
Rocket determination of the night ozone distribution and the lunar ultraviolet flux. 10 p1638 A67-23203
- BURGER, J. A.
Heat treating titanium and its alloys. 16 p2681 A67-30486
Heat treating nickel-base superalloys. 17 p2865 A67-33045
Processing precipitation hardening grades. 21 p3634 A67-38178
- BURGER, J. J.
Balloon observation of the X-ray sources in the Cygnus region in the energy range 20-130 keV. 08 p1377 A67-21252
- BURGER, J. P.
Destruction of superconducting metastable states by beta-irradiation. 17 p2912 A67-32270
Proximity effects between superconductors and ferromagnetic domains. 17 p2912 A67-32271
- BURGER, P.
Elastic collisions in simulating one-dimensional plasma diodes on the computer. 13 p2164 A67-26294
Energy-dependent mobility in the small-signal analysis of waves in semiconductors. 22 p3864 A67-40310
Zero-field solutions and their stability in the one-dimensional low-pressure cesium diode. 23 p4031 A67-40886
- BURGESS, A.
Dielectronic recombination. 03 p0470 A67-13218
- BURGESS, B.
Solar flare effects and VLF radio wave observations of the lower ionosphere. 16 p2632 A67-31859
- BURGESS, D. D.
Measurement of transient Stark and Zeeman shifts using a Fizeau interferometer. 20 p3439 A67-36351
- BURGESS, E.
Comments concerning the lithosphere of Mars. 06 p1092 A67-19005
- BURGESS, J. H.
Hypersonic attenuation in superconducting mercury at 9 GHz. 20 p3514 A67-37568
- BURGHARD, H. C., JR.
Fracture mechanisms and fracture surface topography. 16 p2772 A67-31301
- BURGHART, G. H.
The pressure distribution on a rectangular wing with a jet exhausting normally into an airstream.

- [AIAA PAPER 67-1] 06 p0941 A67-18463
Base wakes in accelerated supersonic free streams. 16 p2592 A67-30951
- BURGHART, J. H.
An adaptive technique for on-line optimizing control. 16 p2648 A67-31655
- BURGIEL, J. C.
Electric-field-induced infrared absorption in GaAs p-n junctions. 07 p1231 A67-19553
- BURGMAN, H. A.
Resins and reinforced plastic laminates for continuous use at 650 deg F. 22 p3825 A67-39853
- BURIAKOVSKII, G. IU.
Theory of laser emission at band-band transitions in an impurity semiconductor without conservation of quasi-momentum /Teoriia lazernogo izlucheniia nazonh-zonnykh perekhodakh v primesnom poluprovodnike pri nesokhraneni kvazimpul'sa/. 10 p1666 A67-23653
- BURIAN, IU. A.
Theory of laser emission by band-band transitions in an impurity semiconductor when the crystal momentum is not conserved. 17 p2870 A67-33334
- BURIAN, IU. A.
Theory of a generalized gyro /K voprosu teorii obobshchennogo giroprilbora/. 22 p3795 A67-39230
- BURIAN, Y., JR.
Stability of periodic solutions of a third-order system of differential equations near a Liapunov critical case /Sur la stabilite des solutions periodiques d'un systeme d'equations differentielles du troisieme ordre au voisinage d'un cas critique de Lyapunov/. 24 p4137 A67-43108
- BURIANOV, P. D.
The formation of magnetically confined helical electron beams by two-anode electron guns. 11 p1764 A67-24466
- BURIEV, T.
Bending of circular and elliptical slabs clamped along their contours /Ob izgibe zashchemlennykh po konturu kruglykh i ellipticheskikh plit'/. 15 p2573 A67-29465
- BURKA, A. L.
Unsteady-state radiative heat transfer between two opaque bodies of finite dimensions. 16 p2779 A67-31208
- BURKA, A. L.
Unstable radiant interaction /K nestatsionarnomu luchistomu vzaimodeistviu/. 24 p4254 A67-42257
- BURKA, E. S.
Aerodynamic investigations of the Carafoli-type MHT-C-04-04-10 profile /Investigations aerodynamiques du profil MHT-C-04-04-10-type Carafoli/. 20 p3355 A67-36193
- BURKE, A. F.
A general theory of weakly ionized gas flows including compressibility and electron energy effects. [AIAA PAPER 67-100] 06 p1042 A67-18471
- BURKE, A. G.
A gimbal system for solar simulation testing. 24 p4153 A67-42044
- BURKE, B. F.
The positions and angular extent of OH emission associated with the H II regions W3, W24, W49, and NGC 6334. 12 p2009 A67-25972
- BURKE, B. F.
Observations of OH emission in the H II region W3 with a 74400 lambda interferometer. 14 p2389 A67-28845
- BURKE, E. C.
Characteristics of Be-38 percent Al sheet. 13 p2140 A67-27128
- BURKE, E. R.
Microwave pulse compression using magnetostatic spin waves in YIG rods. 22 p3773 A67-39908
- BURKE, J. A.
Angular momentum and energy exchanged between nearly colliding stars. 21 p3700 A67-37732
- BURKE, J. M.
Relation of time between flights to the accident potential of Century Series pilots. 23 p3970 A67-41696
- BURKE, J. R., JR.
The Fermi surface of tin telluride - Shubnikov-de Haas effect. 06 p1065 A67-18950
- BURKE, J. R., JR.
Piezoresistance effect in p-type PbTe. 21 p3683 A67-38389
- BURKE, J. S.
Computer system for materials research. 24 p4126 A67-42930
- BURKE, P. G.
Close-coupling calculations and results. 03 p0471 A67-13221
- Autoionizing D states in He below the n equals 2 level of He super plus. 16 p2704 A67-31167
- BURKE, T. E.
Mission influences on advanced computers. 11 p1756 A67-24248
- BURKE, V. M.
The diffuse reflection of radiation by model planetary atmospheres. 10 p1710 A67-23635
- BURKE, W. J.
The rationale and scope of biomedical/behavioral experiments in earth orbit. 08 p1287 A67-21069
- BURKHANOV, G. S.
Investigation of the formation and properties of alloys of the molybdenum-niobium system in a monocrystalline state /Issledovanie stroeniia i svoistv splavov sistemy molibden-niobii v monokristallicheskom sostoianii/. 05 p0827 A67-16080
- BURKHANOV, G. S.
Study of the structure and properties of monocrystalline alloys of the molybdenum-niobium system /Issledovanie struktury i svoistv splavov sistemy molibden-niobii v monokristallicheskom sostoianii/. 05 p0830 A67-17024
- BURKHARDT, E. G.
Structure and properties of single crystals of molybdenum-niobium alloys. 14 p2338 A67-28491
- BURKHARDT, E. G.
Observation of the output of a CO sub 2 laser by a high-resolution thermographic screen. 15 p2497 A67-29393
- BURKHARDT, H.
Reduction of the dimensions of induction converters by skin heating. 09 p1442 A67-21794
- BURKHARDT, H.
The influence of wall radiation on the non-equilibrium electrical conductivity and on the ionization reaction time of a He-Cs plasma. 16 p2709 A67-30515
- BURKHARDT, H.
Nonperturbing measurement of electrical conductivity profiles /Nevozmushchalushchee izmerenie profil' elektroprovodnosti/. 17 p2896 A67-32165
- BURKHARDT, W.
Altitude controller for VTOL aircraft /Hoehenregler fuer HOEL-Flugzeuge/. 03 p0363 A67-12981
- BURKHART, J. A.
Experimental performance of a low-power MPD arc thruster. [AIAA PAPER 67-50] 06 p1074 A67-18436
- BURKHART, J. A.
Low environmental pressure MPD arc tests. [AIAA PAPER 67-685] 21 p3692 A67-38716
- BURKIG, V. C.
Flash heating of seeded gases. [AIAA PAPER 67-501] 18 p3158 A67-33965
- BURKIG, V. W.
Ultraviolet reflectance measurements of possible lunar silicates. 09 p1569 A67-22689
- BURKLEY, C. J.
Ionization rates in the inert gases. 12 p1970 A67-25291
- BURKLEY, R. A.
Mechanical response at cryogenic temperatures of selected reinforced plastic composite systems. [ASTM PAPER 16] 18 p3070 A67-34577
- BURLAGA, L. F.
Anisotropic diffusion of solar cosmic rays. 22 p3872 A67-39809
- BURLAMACCHI, P.
Photocount distributions and field statistics. 05 p0815 A67-16624
- BURLAMACCHI, P.
Comment on "enhanced lasing of the high pressure He-Ne laser." 05 p0823 A67-16687
- BURLAMACCHI, P.
Study of atmospheric turbulence by means of a laser beam. 09 p1511 A67-21825
- BURLAMACCHI, P.
On R.F. discharge formation in a He-Ne laser tube. 13 p1226 A67-26730
- BURLAMACCHI, P.
Time-resolved measurements of the phase fluctuations of a coherent beam at the emergence from a turbulent layer. 17 p2817 A67-33304
- BURLANKOV, D. E.
Quantization by integrals within a curved functional space in the general theory of relativity /O kvantovanii obshchel teorii otosnitel'nosti s pomoshch'iu integralov v iskrivlennom funktsional'nom prostranstve/. 01 p0114 A67-10746
- BURLANKOV, D. E.
The quantization of the general theory of relativity by means of integrals in curved functional space. 13 p2158 A67-26775
- BURLINGAME, A. L.
The organic geochemistry of ancient sediments. II. 05 p0797 A67-16580
- The mass spectra of derivatives of 3-azabicyclo /3.2.1/ octane, 3-azabicyclo /3.3.1/ nonane, and 8-azabicyclo /4.3.1/ decane. 09 p1458 A67-22057
- BURLOCK, J.
Structures and stereochemistry of clivonine and clivimine. 09 p1458 A67-22059
- BURLOCK, J.
Measurement of velocities and acceleration mechanism for coaxial Hall accelerators. [AIAA PAPER 66-196] 08 p1375 A67-20575
- BURLOCK, J.
The effect of various propellants and propellant mixtures on an MPD arc jet. [AIAA PAPER 67-684] 21 p3688 A67-38715
- BURMAN, R.
Exponentially varying electromagnetic fields in a stratified magnetoplasma. 01 p0023 A67-10471
- BURMAN, R.
The reflection of radio waves from stratified perturbed ionospheric profiles. 02 p0192 A67-11618
- BURMAN, R.
Equations for wave propagation in a stratified compressible electron-ion magnetoplasma. 03 p0372 A67-13991
- BURMAN, R.
First-order coupled wave equations for propagation in stratified compressible plasmas. 07 p1230 A67-18851
- BURMAN, R.
On the reflection of waves by a sinusoidally stratified half-space. 13 p2066 A67-26481
- BURMAN, R.
Coupled wave equations for propagation in generally inhomogeneous compressible magnetoplasmas. 15 p2521 A67-29177
- BURMAN, R.
The reflection of electromagnetic waves from stratified magnetoplasmas with perturbed profiles. 19 p3183 A67-35457
- BURMISTROV, V. P.
Deformation of grains with end-face limitation, used in solid-propellant engines, by axial loads /K deformatsii shashek s tortsovm ogranicheniem, primenlaemykh v dvigatelakh na tverdom toplive, ot osevykh nagruzok/. 14 p2377 A67-28651
- BURNAGE, H.
Wind tunnel observations of wakes in a supersonic flow by stroboscopy and hot-wire anemometry /Observations en soufflerie de sillages dans un ecoulement supersonique par stroboscopie et anemometrie a fil chaud/. [ONERA-TP-417] 05 p0748 A67-16482
- BURNASHOVA, V. V.
Ternary intermetallic compounds in the system Ni-Ti-Nb. 16 p2691 A67-31593
- BURNAT, M.
Theory of simple waves for nonlinear systems of partial differential equations of the first order and applications to gas dynamics. 05 p0790 A67-16045
- BURNES, R. F.
An econometric analysis of an educational TV distribution system. [AIAA PAPER 66-321] 06 p1120 A67-17710
- BURNETT, D. S.
Evidence for the formation of an iron meteorite at 3.8 x 10 super 9 years. 16 p2749 A67-31434
- BURNETT, D. S.
Super 87 Rb-super 87 Sr ages of silicate inclusions in iron meteorites. 22 p3881 A67-39495
- BURNETT, J. E.
The utilization of technological resources. 07 p1269 A67-20263
- BURNETT, J. R.
Microthruster development with simulated radioisotope heating. [AIAA PAPER 67-734] 21 p3695 A67-38757
- BURNETT, J. R.
Selection of an oxygen regenerating system to meet the demands of a multi-mission program. [SAE PAPER 670849] 24 p4115 A67-42000
- BURNETT, J. R.
Contributions of a developmental integrated life support system to aerospace technology. [AIAA PAPER 67-924] 24 p4117 A67-43020
- BURNS, A. B.
Large stiffened cylinder weight - Cost comparisons between Be-38 percent Al and other materials. 08 p1424 A67-21521
- BURNS, A. B.
Optimum cylinders with contrasting materials and various ring/stringer configurations. [AIAA PAPER 66-508] 08 p1424 A67-21522
- BURNS, A. B.
Optimum thickness transitions for cylindrical pressure vessels with hemispherical heads. 15 p2573 A67-29419
- BURNS, B.
Radiotracer propellant gauge. 10 p1656 A67-23078
- BURNS, B. P.
Late-stage equivalence in one-dimensional impacts. 11 p1820 A67-24905

- BURNS, D. J.**
Strain hardening and softening of metals produced by cycles of plastic deformation. 12 p2015 A67-25419
A comparison of uniaxial and biaxial low-endurance fatigue behaviour of two steels. 12 p2015 A67-25421
Absolute cross section for electron impact excitation of 3914 angstrom units N sub 2 super plus. 20 p3450 A67-37104
- BURNS, E. J.**
Information environment simulation in command systems 08 p1299 A67-20686
- BURNS, F. P.**
High-power lasers - Their performance, limitations, and future. 09 p1516 A67-22675
- BURNS, G.**
Ferroelectric and optical properties of KSr sub 2 Nb sub 5 O sub 15. 24 p4204 A67-42366
- BURNS, J. C.**
Peristaltic motion. 23 p3990 A67-41174
- BURNS, J. R.**
High-frequency characteristics of the insulated-gate field-effect transistor. 24 p4133 A67-42824
- BURNS, N. M.**
Lunex II - A study on manned lunar exploration. 01 p0017 A67-11392
Vehicle volume and design criteria for manned lunar roving vehicles. 23 p3970 A67-41658
- BURNS, R. E.**
A review of some existing literature concerning discontinuous state variables in the calculus of variations. 22 p3827 A67-39954
- BURNS, S. K.**
Evoked potentials - Three-dimensional display. 19 p3179 A67-34955
- BURNS, W. T.**
Air transportation in Philadelphia. 21 p3608 A67-38804
- BUROV, I. U.**
Current oscillations in CdS single crystals generated by elastic bending waves /Kolebania toka v monokristallakh CdS, porozhdennye uprugimi volnami izgliba/. 20 p3514 A67-37463
- BUROVOI, I. A.**
Investigation of the hydrodynamics of a pseudofluidized bed by a tracer gas technique /Ob issledovanii gldrodynamici psevdoozhizhennogo sloa metodom trassirulushchego gaza/. 18 p3160 A67-34290
- BURR, J. C., JR.**
Vapor-phase infrared spectrum of trimethylenecyclopropane. 04 p0566 A67-15511
- BURRIER, H. I., JR.**
Brittle fracture in alpha-titanium. 06 p1014 A67-17807
- BURRILL, J. T.**
Ion implantation as a production technique. 10 p1596 A67-23162
The application of implantation to thin silicon cells. 23 p4046 A67-41488
- BURRIS, P. M.**
Flight controls damp big aircraft bending. 21 p3570 A67-39133
- BURROUGHS, W. J.**
Transmission of sub-millimeter waves in fog. 02 p0199 A67-12078
Submillimetre wave observations at an altitude of 40,000 ft. 13 p2114 A67-26795
- BURROUS, C. N.**
Average charge detector for mass spectrometers. 02 p0247 A67-12692
Detection efficiency of a continuous channel electron multiplier for positive ions. 23 p4000 A67-41219
- BURROWS, A. A.**
Biomedical considerations of possible decompression effects in a supersonic transport. 14 p2258 A67-28666
The Human Error Research and Analysis Program /HERAP/. [AIAA PAPER 67-848] 24 p4117 A67-42984
- BURROWS, C. R.**
Radio gain. 16 p2625 A67-31342
- BURROWS, J. R.**
Dependence of the position of the outer radiation zone intensity maxima on electron energy and magnetic activity. 22 p3870 A67-39620
- BURROWS, K.**
A latitude survey of the equatorial electrojet with rocket-borne magnetometers. 13 p2107 A67-26307
The simultaneous determination of rocket trajectories and rapid auroral variations. 18 p3034 A67-33594
- BURROWS, M. C.**
Mixing and reaction studies of hydrazine and nitrogen tetroxide using photographic and spectral techniques. [AIAA PAPER 67-107] 06 p1072 A67-18308
Mixing and reaction of hydrazine and nitrogen tetroxide at elevated pressure. [AIAA PAPER 67-107] 19 p3310 A67-35766
- BURROWS, M. L.**
Aperture feed for a spherical reflector. 11 p1761 A67-24281
A reformulated boundary perturbation theory in electromagnetism and its application to a sphere. 15 p2435 A67-29186
- BURROWS, R. M.**
Description of an inertial test facility located 1,100 feet below the surface of the earth. [AIAA PAPER 67-538] 19 p3208 A67-35940
- BURROWS, R. W.**
The long-life spacecraft problem. [AIAA PAPER 67-880] 24 p4244 A67-43000
- BURRUS, C. A.**
Planar diffused gallium arsenide millimeter-wave varactor diodes. 17 p2826 A67-32620
- BURRUS, W. R.**
Neutron and proton spectra from targets bombarded by 180-Mev protons. 23 p4028 A67-40739
- BURSA, M.**
Determination of the orbital elements of a satellite from its position and velocity /K opredeleniia elementov orbity sputnika po polozheniiu i skorosti/. 01 p0149 A67-10788
Geodetic program of simultaneous observations of artificial satellites /Programme geodesique d'observations simultanees des satellites artificiels/. 07 p1177 A67-19775
On the determination of the geocentric orbital elements from quasi-simultaneous direction observations to satellites. 13 p2199 A67-26852
Transformation of azimuth and zenith distance determined by satellites into geodetic reference system. 20 p3428 A67-36483
- BURSEY, M. M.**
Substituent effects in unimolecular ion decompositions. III - Elucidation of competing alternative pathways for the formation of a particular ion. 01 p0018 A67-10105
Substituent effects in unimolecular ion decompositions. IV. 06 p0954 A67-17568
- BURSHA, M.**
Geometrical methods for solving some higher-order geodetic problems from satellite observations /Geometricheskie metody resheniia nekotorykh zadach vysshei geodezii po nabludeniiam sputnikov/. 05 p0800 A67-17031
Geometrical methods for solving some problems in higher geodesy by satellite observations. 21 p3618 A67-38263
- BURSIAN, E. V.**
Probing of the BaTiO sub 3 intracrystalline field by paramagnetic ions and the effect of particle size /Zondirovanie vnutrikristallicheskogo polia BaTiO sub 3 paramagnitnymi ionami i effekt razmera chastits/. 09 p1554 A67-21976
Determination of the internal crystal field in BaTiO sub 3 using paramagnetic ions and the particle size effect. 17 p2923 A67-33313
Coloring and breakdown of barium titanate /Okrashivanie i proboi titanata barlia/. 22 p3861 A67-39918
- BURSNALL, W. J.**
Analysis and comparison of spacecraft resources forecasting techniques for unmanned missions. [AIAA PAPER 67-809] 24 p4259 A67-42966
- BURSTEIN, E.**
Electric-field-induced infrared absorption in diamond. 03 p0492 A67-13260
Transmission studies of plasma-resonance and plasma-cyclotron resonance in thin film polar semiconductors. 06 p1071 A67-18992
Magneto-quantum-electric effect in solid-state plasmas. 13 p2184 A67-27691
Optical properties of a dielectric medium. 23 p4037 A67-40757
Raman scattering phenomena. 23 p4037 A67-40758
- BURSTEIN, S. Z.**
Finite-difference calculations for hydrodynamic flows containing discontinuities. 10 p1593 A67-23633
High order accurate difference methods in hydrodynamics. 24 p4146 A67-43095
- BURT, E. G. C.**
On space manoeuvres with continuous thrust. 08 p1413 A67-21365
- BURTE, H. M.**
Filament-matrix interactions in metal matrix composites. 03 p0442 A67-13309
Metal matrix composite materials. 06 p1019 A67-18657
Introduction - The technical potential for metal matrix composites. [ASTM PAPER 1] 18 p3066 A67-34567
- BURTJE, J. H.**
Bulk sublimation of titanium. 09 p1503 A67-22101
- BURTYNK, N.**
Direction-finding performance of a wide-aperture sampling linear array. 13 p2082 A67-27405
- BURTON, C. L.**
Aircraft and aerospace applications. 14 p2323 A67-27817
- BURTON, J. T.**
The super sixties. 13 p2053 A67-26907
- BURTON, K. S.**
Decay of some levels in O IV. 10 p1678 A67-22718
- BURTON, M. S.**
Adherence and wettability of nickel, nickel-titanium alloys, and nickel-chromium alloys to sapphire. 08 p1343 A67-21543
- BURTON, R. A.**
Friction and adhesion of copper in vacuum. [ASME PAPER 66-LUB] 73 p0431 A67-13754
An experimental study of annular flows with applications in turbulent film lubrication. [ASME PAPER 66-LUB-14] 03 p403 A67-13755
- BURTON, R. R.**
Hematological criteria of chronic acceleration stress and adaptation. 23 p3953 A67-41587
- BURTON, R. W.**
A statistical service life prediction based on propellant grain structural integrity for the Minuteman third stage motor. 15 p2547 A67-29996
- BURTON, T. A.**
Perturbation of differential equations. 21 p3653 A67-38558
- BURTON, W. M.**
Solar studies in the extreme ultraviolet using stabilized Skylark rockets. 12 p2008 A67-25826
The ultraviolet emission spectrum of the solar chromosphere and corona. 16 p2752 A67-31625
- BURTSSEV, G. A.**
Quality criteria in production flaw detection. 06 p1007 A67-18104
- BURUIANA, M.**
Fuel injection system used on aircraft engines /Sistemul injectiei de benzina folosit la motoarele de avion/. 14 p2377 A67-28500
Gasoline-injection system used in aircraft engines /Sistemul injectiei de benzina folosit la motoarele de avion/. 19 p3312 A67-36052
- BURY, K. V.**
A method of calculating and designing for a minimum vibration of turbomachinery blades. [ASME PAPER 67-VIBR-49] 11 p1797 A67-24199
- BURZIO, A.**
Minimization of sensitivity with stability constraints in linear control systems. 01 p0047 A67-11217
The application of sensitivity methods to the control of adaptive systems. 08 p1308 A67-20318
- BUSBRIDGE, I. W.**
Reflection and transmission of light by a thick atmosphere according to a phase function-1 plus x cos theta. 24 p4147 A67-41819
- BUSCH, A. C.**
Proactive inhibition, recency, and limited-channel capacity under acoustic stress. 24 p4116 A67-42701
- BUSCH, H.**
Attitude control of extremely high accuracy for astronomical research satellites /Lagerregelung extrem hoher Genauigkeit fuer astronomische Forschungssatelliten/. 20 p3531 A67-36411
- BUSCH, R.**
The strength and toughness of dynamically strain aged alloy steels. 16 p2688 A67-31306

- The enhancement of ductility in high-strength steels. 16 p2693 A67-31872
- BUSCH, R. E. Attitude control of a satellite in an elliptic orbit. 11 p1869 A67-24337
- BUSCHULTE, W. The influence of the boundary layer on the thrust especially with respect to small rocket engines and high expansion ratios. 16 p2738 A67-30708
- BUSECK, P. R. Meteoritic rutile. 14 p2386 A67-28476
The Fremont Butte, Washington Co., Colorado, meteorite. 23 p4069 A67-41448
The post-formational history of a hypersthene chondrite. 24 p4232 A67-42613
Marburg - A new palisade. 24 p4232 A67-42614
- BUSEMANN, A. Geometric constraints of the disorbit problem. [AAS PAPER 66-122] 07 p1254 A67-19981
- BUSER, R. G. Shock-wave-generated plasmas as light sources for optical pumping. 08 p1338 A67-21291
- BUSEV, N. I. Transients in linear antennas. 08 p1302 A67-20826
- BUSH, A. M. The transmission of digital signals through random, time-variant, dispersive channels with application to chaff scatter. 09 p1462 A67-21604
- BUSH, S. F. Far-infrared spectra and space group of crystalline hydrazine and hydrazine-d sub 4. 23 p4048 A67-41532
- BUSH, T. L. Engineering aspects of nonelectric reliability in design. 15 p2495 A67-30415
- BUSH, W. B. On the Newtonian hypersonic strong-interaction theory for flow past a flat plate. 14 p2299 A67-28162
A comment on hypersonic viscous interaction theory. 15 p2473 A67-30220
Hypersonic weak-interaction similarity solutions for flow past a flat plate. 20 p3357 A67-36849
- BUSHNELL, D. Machine computation of trigonometric expansions. 03 p0524 A67-13788
Symmetric and nonsymmetric buckling of finitely deformed eccentrically stiffened shells of revolution. 06 p1101 A67-18285
[AIAA PAPER 67-110] 06 p1101 A67-18285
Nonlinear axisymmetric behavior of shells of revolution. [AIAA PAPER 66-529] 08 p1417 A67-20558
Bifurcation phenomena in spherical shells under concentrated and ring loads. 10 p1728 A67-23764
Mean droplet size for cross-stream water injection into a Mach 8 air flow. 11 p1779 A67-24366
Symmetric and nonsymmetric buckling of finitely deformed eccentrically stiffened shells of revolution. [AIAA PAPER 67-110] 17 p2963 A67-33015
Bifurcation phenomena in spherical shells under concentrated and ring loads. 23 p4080 A67-41728
Buckling of spherical shells ring-supported at the edges. 23 p4080 A67-41729
- BUSHTYRKOV, A. A. Concerning lower and upper critical loads and a new aspect of the problem of the supercritical behavior of thin-walled shells /O nizhnikh i verkhnikh kriticheskikh nagruzhkakh i ob odnom novom aspekte problemy zakriticheskogo povedeniya tonkostennykh obolochek/. 12 p2023 A67-25590
- BUSKIRK, D. L. The thermal radiation characteristics of spacecraft temperature control louvers in the solar space environment. [AIAA PAPER 67-307] 12 p2036 A67-26022
Thermal control characteristics of interior louver panels. [ASME PAPER 67-HT-64] 20 p3549 A67-36746
- BUSLENKO, N. P. The Monte Carlo Method-the Method of Statistical Trials. 03 p0462 A67-14256
Complex systems and machine mathematics /Slozhnye sistemy i mashinnaya matematika/. 16 p2634 A67-31568
- BUSOL, F. I. Effect of the nozzle configuration on a gas flow in vacuum /Vlianie konfiguratsii sopl na sverkhzvukovoe istechenie gaza v vakuum/. 06 p0943 A67-18781
Effect of nozzle geometry on flow of a supersonic jet into a vacuum. 18 p2982 A67-33723
- BUSS, H. On the flow in regions of laminar separation. [AIAA PAPER 67-64] 06 p0989 A67-18468
- BUSSE, C. A. A nuclear heated thermionic converter. 09 p1451 A67-22359
- BUSSE, F. H. Non-stationary finite amplitude convection. 14 p2295 A67-27901
On the stability of two-dimensional convection in a layer heated from below. 18 p3159 A67-34003
- BUSSE, J. R. Liquid propellant utilization for sounding rockets. 08 p1372 A67-20524
Mobile Aerobee Launch Facility. 08 p1314 A67-20544
- BUSSEY, H. E. Progress in radio measurement methods and standards. 05 p0804 A67-18008
- BUSSGANG, J. J. Approximate results for dual-antenna AMTI radar. 18 p3001 A67-34117
- BUSSE, G. Electrostatic propulsion by positive and negative ions /Propulsion electrostatique par ions positifs et negatifs/. 04 p0690 A67-15023
- BUSSIERES, P. Noise associated with heat transfer to liquid helium II. 22 p3838 A67-40389
- BUSTEAD, R. L. Food quality design for Gemini and Apollo space programs. 05 p0757 A67-17261
- BUSYGIN, E. P. Gas-density measurements in the wake of a shock wave by the electron-beam method /Izmerenie plotnosti gaza za udarnoi volnoi metodom elektronnoy puchki/. 16 p2673 A67-31107
- BUT, D. A. Shaping of linear channels in braking weakly ionized gas by a transverse magnetic field /Profilirovanie lineynykh kanalov pri tormozhenii slabionizirovannogo gaza poperechnym magnitnym polem/. 01 p0119 A67-10173
Conical magnetohydrodynamic flow with a Hall effect in an axial magnetic field /Konusnoe magnitogazodinamicheskoe techenie s efektom Kholla v aksial'nom magnitnom pole/. 04 p0669 A67-15515
Approximate allowance for the variation in the electrical conductivity of the gas in vortical magneto-gas-dynamic flow. 09 p1544 A67-21860
Channel profiles for producing vortex flows in weakly ionized gases in transverse magnetic fields. 12 p1977 A67-28076
Consideration of the magnetic Reynolds number in one-dimensional MHD flows /K voprosu ucheta magnitnogo chisla Reinal'dsa v odnomernykh magnitogidrodinamicheskikh techeniyakh/. 13 p2169 A67-27311
Magnetic systems of vortex magnetogasdynamics generators. 16 p2609 A67-31585
Influence of the magnetic Reynolds number on the characteristics of a linear MHD flow with variable parameters /Vlianie magnitnogo chisla Reinal'dsa na kharakteristiki lineynogo magnitogidrodinamicheskogo techeniya s peremennymi parametrami/. 23 p4033 A67-41284
- BUT, G. P. Effect of loading rates on polymer wear /Vlianie skorosti nagruzheniya na iznos polimerov/. 07 p1211 A67-19170
Quantitative evaluation of the life of metal-metal/polymer composite friction pairs. 08 p1334 A67-20597
- BUTAKOVA, L. G. Stability of an elastic orthotropic plate with free edges /Ustoychivost' gibkoi ortotropnoi plastinki so svobodnymi kralami/. 02 p0339 A67-12240
- BUTCHART, R. L. Synthesis of model reference adaptive systems by Liapunov's second method. 07 p1160 A67-19196
- BUTCHER, J. C. A multistep generalization of Runge-Kutta methods with four or five stages. 07 p1218 A67-20198
- BUTCHER, J. W. Activated sintering of beryllium. 13 p2140 A67-27129
- BUTCHER, P. N. Stable domain propagation in the Gunn effect. 03 p0493 A67-13461
Transferred electron oscillators. 14 p2366 A67-28474
Effect of field-dependent diffusion on stable domain propagation in the Gunn effect. 18 p2727 A67-30851
The Gunn effect. 22 p3841 A67-40073
- BUTENKO, S. A. A comparative evaluation of different methods for detection of extraterrestrial life. 19 p3180 A67-35250
- BUTI, B. Relativistic plasma oscillations and two-stream instability. 03 p0482 A67-13739
Effect of Coulomb collisions on counterstreaming plasmas. 04 p0662 A67-14519
High-frequency waves in a collisional plasma with magnetic field. 20 p3503 A67-37693
- BUTI, GY. The singular perturbation theory of differential equations in control theory. 02 p0227 A67-12681
- BUTIKOV, E. I. Combination resonance of holes in Ge and Si type semiconductors. 23 p4042 A67-41297
- BUTKOVSKII, A. G. Optimal control of wave processes /Optimal'noe upravlenie volnovymi protsessami/. 01 p0044 A67-10493
Optimal control of a two-dimensional distributed oscillatory system. 05 p0781 A67-16253
Optimal control of wave processes. 10 p1821 A67-23615
- BUTLER, D. S. Shock structure calculations by an orthogonal expansion method. 13 p2103 A67-26976
- BUTLER, H. W. Application of a variational formulation to nonequilibrium fluid flow. 22 p3788 A67-40422
Recent developments in variational methods for nonequilibrium flows. 24 p4255 A67-42554
- BUTLER, J. F. Diode lasers of Pb sub 1-y Sn sub y Se and Pb sub 1-x Sn sub x Te. 09 p1551 A67-21571
- BUTLER, J. K. Beam efficiency and gain optimization of antenna arrays with nonuniform spacings. 18 p3012 A67-34429
- BUTLER, J. L. Digital, matrix, and intermediate-frequency scanning. 07 p1152 A67-19547
- BUTLER, P. System design of scientific satellites as a dynamic process. 01 p0156 A67-11415
- BUTLER, R. Plasma measurement on Explorer 33. 19 p3319 A67-35245
Radio source W49 and anomalous OH emission. 21 p3701 A67-37896
- BUTLER, R. I. Current practices in shock and vibration sensors. 10 p1656 A67-23081
- BUTLER, R. V. The Langley Research Center remote computing terminal system - Implementation and first year's operation. 02 p0206 A67-11805
- BUTLER, S. R. Plastic deformation of single-crystal NiAl. 21 p3645 A67-38774
- BUTLER, T. D. Numerical solutions of hypersonic sharp-leading-edge flows. 18 p2984 A67-34739
- BUTLER, T. W. Solid state protection and control devices. 17 p2825 A67-32514
- BUTLER, W. R. Commercial forms of aluminum alloys. 14 p2336 A67-27812
- BUTROV, M. V. Spectrum of FM oscillations during modulation by an arbitrary number of multiple frequencies /Spektr ChM kolebaniy pri modulatsii proizvol'nym riadom kratnykh chastot/. 24 p4122 A67-42379
- BUTS, V. A. Theory of excitation of a gyrotopical plasma waveguide by a coaxial line /K teorii vzbuzhdeniya grotropnogo plazmennogo volnovoda koaksial'noi liniy/. 04 p0665 A67-15165
Theory of excitation of a gyrotopical

- plasma waveguide by a coaxial line. 15 p2526 A67-29352
- The theory of the excitation of a gyrotropic plasma waveguide by a coaxial line /K teorij vozbuždenija girotropnogo plazmennogo volnovoda koaksial'noi lini/. 16 p2718 A67-31190
- BUTSKO, J. E.**
- Prediction of the subsonic base drag of hypersonic re-entry vehicles. [AIAA PAPER 66-991] 03 p0353 A67-14144
- BUTTNER, B. W.**
- Ground reconstruction of Lunar Orbiter photography. 12 p1940 A67-25466
- BUTTON, K.**
- Far-Infrared laser power measurements. 11 p1801 A67-24715
- BUTTON, K. J.**
- Multiphoton magneto-optical resonance in PbTe and InSb. 02 p0254 A67-12522
- BUTTS, H. H.**
- New developments in instrument landing system. 08 p1351 A67-20696
- BUTTS, J. J.**
- Simulated radioactivity. 01 p0112 A67-10826
- BUTYLKIN, V. S.**
- Possibility of increasing the frequency of laser emission with the aid of a three-photon combination process /O vozmozhnosti povysheniya chastoty izlucheniya OKG s pomoshch'yu trekhfotonnogo kombinatsionnogo protsessu/. 22 p3815 A67-39760
- BUTZ, A. R.**
- Perceptron type learning algorithms in nonseparable situations. 12 p1961 A67-26064
- Iterative saddle point techniques. 16 p2697 A67-31424
- BUVET, R.**
- Thermodynamics of electronic carrier populations in dissociable binary semiconductors /Thermodynamique des populations de porteurs electroniques dans les semi-conducteurs binaires dissociables/. 01 p0130 A67-10198
- BUXBAUM, O.**
- Frequency distributions as a component of design load for commercial aircraft. /Haufgigkeitsverteilungen als Bestandteil der Lastannahmen fuer Verkehrsflugzeuge/. 14 p2245 A67-28060
- BUXO, J.**
- Planar transistor stability under X-ray irradiation /Stabilite des transistors a structure plane soumis a l'action des rayons X/. 03 p0387 A67-13996
- BUXTON, G. H. L.**
- The theory of a cascade of cavitating hydrofoils. 01 p0053 A67-10851
- BUZACOTT, J. A.**
- Finding the MTBF of repairable systems by reduction of the reliability block diagram. 15 p2453 A67-30062
- BUZIN, E. I.**
- Relation between the surface shapes of a reflector and heat collector and the intensity of the geometric concentration of a flux of parallel rays /O svyazi mezhdu formami poverkhnostei otrazhatel'nykh priemnikov nagrevatela i intensivnosti iu geometricheskoi kontsentratsii potoka parallel'nykh luchei/. 04 p0553 A67-14665
- BUZNIK, V. M.**
- Effect of surface-tension forces on the heat-transfer coefficient during the condensation of vapor on an inclined tube /K voprosu vliyanija sil poverkhnostnogo natlazheniya na koeffitsient teplootdachi pri kondensatsii para na naklonnoi trube/. 17 p2970 A67-32461
- BUZNIKOV, A. A.**
- Investigation of atmospheric absorption of the radiation from a weakly heated black body. 24 p4255 A67-42590
- BUZUN, T. N.**
- A mixed boundary-value problem for p-analytic functions with a p equals x characteristic /Ob odnoi smeshannoi kraevoi zadache p-analiticheskikh funktsii s kharakteristikoi p equals x/. 17 p2879 A67-32872
- BYATT, D. W. G.**
- Willenweber arrays using doublet aerials. 13 p2074 A67-28257
- BYBEE, H. H.**
- On the stability constraints and oscillatory behavior of coupled systems. 19 p3200 A67-34849
- BYCHKOV, I. U. F.**
- Effect of oxygen impurity on the structure and superconducting properties of

- zirconium-niobium alloys. 19 p3243 A67-34925
- BYCHKOV, I. U. P.**
- Motion of a body of revolution bounded by a sphere and on a spherical base /O dvizhenii tela vrashcheniya, ogranichenogo sferoi, na sfericheskom osnovanii/. 02 p0267 A67-11960
- On the motion of a body of revolution bounded by a sphere, on a spherical base. 17 p2886 A67-33277
- BYCHKOV, V. P.**
- Diets for space flights /Pitanie pri kosmicheskikh poletakh/. 20 p3374 A67-36253
- BYCHKOVA, L. V.**
- Calculation of reversible ferrite phase shifters /K raschetu obratimogo ferritovogo fazovrashchatela/. 02 p0301 A67-12673
- BYER, R. L.**
- Laser variable output coupler. 10 p1662 A67-22753
- Observation of tunable optical parametric fluorescence. 13 p2127 A67-27081
- BYERS, D. C.**
- SERT II experimental thruster system. [AIAA PAPER 67-700] 21 p3693 A67-38728
- BYERS, J. A.**
- A nonlinear computer model applicable to low-beta plasma interchange modes in two dimensions. 23 p4033 A67-40995
- BYFIELD, H.**
- Intrusion of plasma into a model magnetosphere. 05 p0859 A67-17441
- BYFORD, G. H.**
- Effects of simulated weightlessness upon the cardiovascular system. 17 p2805 A67-31952
- BYKOV, I. A. V.**
- Qualitative study of the trajectories of nonlinear systems of difference equations /Kachestvennoe issledovanie traektorii nelineinykh sistem raznostnykh uravnenii/. 09 p1524 A67-21926
- Periodic limiting regime for sets of difference equations /O periodicheskom predel'nom rezhime dlia sistem raznostnykh uravnenii/. 11 p1813 A67-24517
- BYKOV, V. A.**
- Reliability of nonlinearly elastic structural elements with respect to random external loads /O nadezhnosti nelineino-uprugikh elementov konstruktov pri sluchainykh vneshnikh silakh/. 07 p1261 A67-19171
- BYKOV, V. N.**
- The measurement of the Young's and shear moduli and the internal friction of small specimens. 01 p0062 A67-10163
- Carbon diffusion in refractory metals with a BCC lattice /Diffuziya ugleroda v tugoplavkiykh metallakh s OTsk reshetko/. 01 p0101 A67-10937
- Methods of measuring velocity and photographing models during ballistic studies /Metody izmereniya skorosti i fotografirovaniya modelei pri ballisticheskikh issledovaniyakh/. 16 p2674 A67-31126
- Investigation of the ablation of low-melting models on a ballistic facility /Issledovanie unosa massy legkoplavkiykh modelei na ballisticheskoi ustanovke/. 16 p2593 A67-31134
- Diffusion of carbon in refractory metals with a b.c.c. lattice. 22 p3820 A67-39791
- BYKOV, V. P.**
- Effect of a magnetic field on the emission of GaAs diodes /Vliyanie magnitnogo polya na izlucheniye diodov iz GaAs/. 15 p2543 A67-30251
- BYKOV, V. V.**
- Envelope distribution of a signal-plus-noise mixture with random angle modulation. 05 p0765 A67-16961
- Conditions for stationary oscillation in the presence of frequency modulation by noise. 05 p0766 A67-17167
- BYKOVITSEV, G. I.**
- Propagation of waves in three-dimensional elastoplastic bodies under the complete plasticity condition /O rasprostraneni voln v trekhmernykh uprugoplasticheskikh telakh pri uslovii polnoi plastichnosti/. 21 p3716 A67-37968
- BYLOV, B. F.**
- Theory of Liapunov Indices and its Applications to Stability Problems /Teoriya Pokazatelei Liapunova/. 04 p0645 A67-15011
- BYRAM, E. T.**
- Distribution and variability of cosmic X-ray sources. 12 p1999 A67-26172
- X-rays from sources 3C 273 and M 87. 23 p4061 A67-41473

- BYRDIN, I. U. A.**
- Knudsen low-voltage discharge with a hot cathode /Knudsenovskii nizkovoitnyi razriad s gorlachim katodom/. 11 p1831 A67-24020
- BYRNE, C.**
- Surveyor I - Location and Identification. 20 p3524 A67-36649
- BYRNE, F.**
- A highly adaptive phase coherent receiving system. 14 p2271 A67-28691
- BYRNE, G. D.**
- Parameters for pseudo Runge-Kutta methods. 07 p1218 A67-20215
- BYRNE, W. J., JR.**
- An exact solution for Oseen flow past a half plane and a vertical force singularity. 08 p1319 A67-20350
- BYRON, J. F.**
- Plastic deformation of tantalum single crystals. I. 19 p3245 A67-35727
- BYRON, S.**
- Non-equilibrium properties of Martian entry flow fields. 01 p0008 A67-11436
- BYRON, S. R.**
- Symmetrical, equilibrium flow past a blunt body at superorbital re-entry speeds. 10 p1591 A67-23109
- BYSTRIK, V. F.**
- Gain control by varying the transistor regime /Regulirovka usileniya putem izmeneniya rezhima tranzistorov/. 16 p2637 A67-31027
- BYSTROVA, N. A.**
- Hardness of heat-resistant steels at elevated temperatures as a function of alloying and heat treatment /Tverdosť zharoprochnykh stali pri povyshennykh temperaturakh v zavisimosti ot legirovaniya i termicheskoi obrabotki/. 07 p1199 A67-19240
- Effect of rare-earth elements on the structure and properties of steel Kh18N25M2V5 /Vliyanie redkozemel'nykh elementov na struktura i svoystva stali Kh18N25M2V5/. 07 p1199 A67-19242
- Effect of aging on the structure and properties of complex-alloyed heat-resistant steel /Vliyanie stareniya na strukturu i svoystva slozhnolegirovannoi zharoprochnoi stali/. 24 p4173 A67-42190
- BYSTROVA, N. V.**
- Effect of atmospheric agitation on the image of extended celestial light sources /O vliyanii nepokoistviya atmosfery na izobrazhenie protiazhennykh nebesnykh istochnikov/. 02 p0325 A67-11986
- BYSZEWSKI, P.**
- Interband Faraday rotation and ellipticity in germanium and gallium arsenide. 24 p4202 A67-41984
- BYZOVA, N. L.**
- Dimensionless characteristics of the wind-velocity profile from measurements in the lower 300-meter atmospheric layer. 07 p1220 A67-20002
- Estimation of the parameters of transverse diffusion in the lowest layer of the atmosphere from turbulent characteristics /Otsenka parametrov poperechnoi diffuzii v nizhnem sloe atmosfery po turbulentnym kharakteristikam/. 16 p2698 A67-31095

C

- CABANNES, F.**
- Reflection and emission factors of metals /Facteurs de reflexion et d'emission des metaux/. 13 p2130 A67-26439
- Continuous absorption and emission spectra of a plasma jet in the 60-30,000 cm super -1 spectral range /Nepreryvnyi spektr pogloshcheniya i ispuskaniya plazmennoi strui v spektral'noi oblasti 60-30,000 cm super -1/. 17 p2893 A67-32144
- Study of a high-energy linear discharge in an ionized gaseous filament /Etude d'une decharge lineaire de forte energie dans un filament gazeux ionise/. 19 p3176 A67-35133
- CABANNES, H.**
- Fluid magnetodynamics /La magnetodynamique des fluides/. 20 p3503 A67-37676
- CABEZAS, A. Y.**
- Gain saturation in neodymium - Glass laser amplifiers. 22 p3813 A67-39349
- CABIC, R.**
- Combat aircraft of the future /Kampfflugzeuge der Zukunft/. 10 p1595 A67-23621
- CABILLIC**
- Role of LRBA in the "Diamant" program

- /Le role du L.R.B.A. dans le programme "Diamant"/. 07 p1131 A67-19520
- CABLE, A. J.**
Experimental studies of hypervelocity impact with the R.A.R.D.E. 1/4 inch calibre launcher. 04 p0710 A67-15003
- CABLE, C. W.**
Structural reliability with normally distributed static and dynamic loads and strength. 09 p1575 A67-22298
- CADDELL, R. N.**
An experimental study of MHD flow between concentric tubes. [ASME PAPER 66-WA/FE-35] 04 p0668 A67-15366
- CADES, S. B.**
Computer managed laboratory for space applications. [AIAA PAPER 67-957] 24 p4140 A67-43040
- CADEZ, M.**
Transport and diffusion equation for turbulent atmosphere with differently heated air masses /Equation de transport et de diffusion pour l'atmosphère turbulente avec des masses d'air différemment chauffées/. 06 p0999 A67-18740
- CADLE, R. D.**
Role of methylene in the production of atmospheric tritiated methane. 13 p2117 A67-27604
- CADO, M.**
Landing with poor visibility /L'atterrissage par mauvaise visibilité/. 14 p2347 A67-28990
- CADOFF, L. H.**
The reactions of liquid titanium and hafnium with carbon. 16 p2690 A67-31373
- CADZOW, J. A.**
Performance sensitivity of optimal control systems with random variable parameters. 15 p2457 A67-29368
The optimal discrete filter corresponding to a given analog filter. 19 p3199 A67-34782
- CAFASSO, F. A.**
Thermodynamic properties and ordering in liquid NaK alloys. 21 p3733 A67-39106
- CAGAN, V.**
Helicon effect in InSb and HgTe by a resonant-cavity method. 06 p1071 A67-18990
- CAGLE, C. V.**
A quality-control system for adhesive bonding utilizing ultrasonic testing. 09 p1508 A67-22527
- CAHEN, M.**
Exact solutions of Einstein-Maxwell equations. 07 p1218 A67-20281
A complex vectorial formalism in general relativity. 09 p1525 A67-22625
- CAHEN, M. J.**
Comparative merits of radioisotope and machine sources of X-radiation for aerospace applications. 02 p0266 A67-12217
- CAHEN, O.**
CdS sub 2 crystal amplifier /Amplificateur a cristal de sulfure de cadmium/. 23 p3977 A67-40690
- CAHILL, L. J.**
Rocket results. 20 p3431 A67-36908
- CAHILL, L. J., JR.**
Distortion of the magnetosphere during a magnetic storm on September 30, 1961. 07 p1180 A67-19924
Magnetopause structure and attitude from Explorer 12 observations. 07 p1180 A67-19925
Magnetosheath field, geomagnetic index a sub p and stability of magnetopause. 07 p1182 A67-19953
An observation of transient variations in the magnetospheric boundary position. 13 p2109 A67-26328
Explorer 12 measurements of the distortion of the geomagnetic field by the solar wind. 15 p2475 A67-29612
The boundary of the geomagnetic field, August to November, 1961. 19 p3222 A67-35453
- CAHILL, L., JR.**
Inflation of the magnetosphere near 8 earth radii in the dark hemisphere. 12 p1936 A67-25805
- CAHN, J. H.**
Metastable measurements in flowing helium afterglow. 08 p1356 A67-21300
- CAHN, M. S.**
Stability derivatives by rheoelectric analog. 03 p0354 A67-12918
Determination of subsonic drag rise by limit line analysis in the hodograph plane. [AIAA PAPER 67-4] 06 p0938 A67-18248
Determination of subsonic drag rise by hodograph plane analysis. [AIAA PAPER 67-4] 13 p2051 A67-27599
- CAIN, D. L.**
A radio occultation experiment to probe the atmosphere of Venus. [AIAA PAPER 67-118] 06 p1085 A67-18310
Radio occultation measurement of the Martian atmosphere over two regions by the Mariner IV space probe. 18 p3123 A67-34151
A radio occultation experiment to probe the atmosphere of Venus. [AIAA PAPER 67-118] 22 p3886 A67-40094
- CAIN, F. L.**
Investigation of choke blinders for feed horns of radar antennas. 24 p4132 A67-42717
- CAIN, J. C.**
First magnetic field results from the OGO-2 satellite. 10 p1641 A67-23244
The main geomagnetic field. 20 p3430 A67-36901
- CAIN, S. M.**
The effects of acetazolamide on physiologic and subjective responses of men to 24 hours at 14,000 feet. 23 p3951 A67-41566
Elevated venous pressures during exposure of dogs to near-vacuum conditions. 23 p3952 A67-41572
High venous pressures during exposure of dogs to near-vacuum conditions. 23 p3960 A67-41699
Tissue oxygenation during hemorrhage in dogs breathing 1 and 3 atmospheres of oxygen. [SAM-TR-66-258] 24 p4111 A67-41802
- CAINE, G. H.**
Means for reducing bypass flow requirements in liquid hydrogen and liquid oxygen tank mounted boost pumps on Centaur vehicle. 17 p2800 A67-31978
- CAIRNS, E. J.**
Anodic oxidation and molecular structure - Influence on performance of normal saturated hydrocarbons in fuel cells. 10 p1595 A67-22927
- CAIRNS, F. V.**
An approximate method of computing the attitude of sounding rockets. 03 p0519 A67-13782
Measurements of transmitter antenna gain as a factor in rocket telemetry link performance. 09 p1463 A67-21829
- CAIRNS, R. B.**
Metal photocathodes as secondary standards for absolute intensity measurements in the vacuum ultraviolet. 03 p0499 A67-13910
- CAIS, O.**
Scatter of fatigue life of a welded part /Rozptyl zivotnosti svarovane soucasti/. 09 p1506 A67-22471
- CALABRO, S. R.**
Maintainability prediction in department of defense development programs. 16 p2781 A67-30442
- CALAHAN, D. A.**
Stability analysis of numerical integration. 19 p3249 A67-34839
- CALAMAI, G.**
Limb darkening observed during the annular solar eclipse of May 20, 1966 /L'oscuramento al bordo osservato durante l'eclisse anulare di sole del 20 maggio 1966/. 20 p3529 A67-37502
Center-to-limb variations of the Fraunhofer lines in the spectral interval from 4000 to 5000 angstrom units observed during the solar eclipse of May 20, 1966 /Variazioni centro-lembo delle righe di Fraunhofer nell'intervallo spettrale 4000 - 5000 angstrom units osservate durante l'eclisse solare del 20 maggio 1966/. 20 p3453 A67-37682
- CALAME, O.**
Determination of the moon's shape by the photometry of its terminator. 18 p3132 A67-34334
- CALAMIA, M.**
Solid state dispersion lines using YIG crystals /Sulle linee dispersive allo stato solido impiegate cristalli di YIG/. 20 p3507 A67-36241
Behavior of unmatched dispersive lines /Sul comportamento delle linee dispersive disadattate/. 20 p3379 A67-36380
- CALANDRINO, L.**
Cross-correlation and statistical dependence between envelope and frequency deviation of a sine wave plus random noise. 11 p1753 A67-24646
Coincidence of pulses in amplitude and frequency deviations produced by a random noise perturbing an FM wave - An amplitude-phase correlation FM demodulator. 22 p3758 A67-39271
- CALAWA, A. R.**
Photovoltaic effect in Pb sub x Sn sub 1 sub -x Te diodes. 02 p0221 A67-12514
Diode lasers of Pb sub 1-y Sn sub y Se and Pb sub 1-x Sn sub x Te. 09 p1551 A67-21571
- CALCANES, P. J.**
Experimental investigation of MHD flows through circular pipes at high Hartmann and Reynolds numbers. 16 p2712 A67-30576
- CALCATELLI, A.**
Vacuum deposited films at high temperature. 04 p0626 A67-15745
- CALCATERRA, P. C.**
Evaluating and designing shock isolation for carrier aircraft landing and catapult shock environment. 05 p0814 A67-17459
- CALCOTE, H. F.**
Thermal and chemi-ionization processes in afterburning rocket exhausts. 18 p3152 A67-33820
- CALDARA, J. D.**
The aeromedical examiner and his relationship to safe and efficient flight. 23 p3963 A67-41539
- CALDEN, L.**
The application of simulation to maintenance system analysis. 03 p0400 A67-14223
- CALDIROLA, P.**
Resonance effects in a low pressure weakly ionized plasma. 19 p3276 A67-35113
- CALDWELL, B. H.**
Voyager's most challenging system requirement. 18 p3138 A67-34656
- CALDWELL, B. H., JR.**
Interplanetary flight - The engineering puzzle for the 70's. 23 p4071 A67-40867
- CALDWELL, R. S.**
Transient radiation response mechanisms in microelectronics. 04 p0589 A67-15721
- CALDWELL, W. B., JR.**
Operating economics in short haul air transports. [SAE PAPER 670357] 17 p2975 A67-32996
- CALFEE, R. W.**
A vestigial-sideband FM modem. 02 p0201 A67-12119
- CALHOUN, G. G.**
A constant phase local oscillator system for a cross type radio telescope. 02 p0212 A67-11608
- CALHOUN, R. E.**
Differential RF voltage comparator. 24 p4155 A67-42288
- CALIFANO, F. P.**
Thermometric measurements using gallium arsenide semiconductor diodes. 11 p1766 A67-24650
Tests on GaAs solar cells /Esperienze su celle solari ad arseniuro di gallio/. 15 p2536 A67-29503
- CALIGURI, J. F.**
SGN-10 - First commercial inertial navigator. 15 p2514 A67-29739
- CALISE, A. J.**
Quadratic programming in the statistical design of sampled-data control systems. 16 p2646 A67-31636
- CALLABY, D. R.**
Effect of "a" domains on the movement of "c" domain walls in BaTiO sub 3. 11 p1849 A67-24900
- CALLADINE, C. R.**
Stress concentration in nonlinear creep of a simple shell. 04 p0718 A67-15917
Some calculations to assess the effect of the stress-strain rate relationship on creep in the neighbourhood of an opening in a pressurized thin spherical shell. 23 p4079 A67-41343
- CALLAHAN, D. E.**
Multi-channel electro-optical data link utilizing arrays of non-coherent GaAs light sources. 14 p2272 A67-28699
- CALLAHAN, J. A.**
Structural dynamics aspects of the Gemini program. 05 p0924 A67-17212
- CALLAHAN, R. M., JR.**
A 1 KHz to 1 GHz wideband receiving system. 20 p3406 A67-37656
- CALLAHAN, W. R.**
Vibrations of plates bounded by parts of elliptical and hyperbolic cylinders. 08 p1416 A67-20489
- CALLAN, B. E.**
Use of a waveguide dispersive line in an F.M. pulse compression system. 21 p3601 A67-39068

- CALLAWAY, J.**
Localized defects in semiconductors. 15 p2534 A67-29325
- CALLAWAY, V. E.**
Noise control of aircraft auxiliary power units. 17 p2800 A67-31977
Noise control of auxiliary power units for aircraft. 23 p3935 A67-41144
- CALLCOTT, T. A.**
Irradiation damage in n-type germanium at 4.2 deg K. 22 p3862 A67-39997
- CALLIN, G. D.**
Physiological basis for a passive extravehicular thermal control system. 03 p0364 A67-14295
- CALLOT, R.**
Study, development, and use of the test bench automatic measurement equipment of the liquid propellant motors of the LRBA - Vernon /Etude-realisation, utilisation de l'équipement automatique de mesures du banc d'essais de propulseur a liquides du L.R.B.A. - Vernon/. 21 p3607 A67-38202
- CALMON, J.**
The transition phase of the turboramjet engine /La phase de transition du turbostato-reacteur/. 12 p1988 A67-25185
- CALOI, P.**
Rayleigh equation and Somigliana waves. I /L'equazione di Rayleigh e le onde di Somigliana. I/. 13 p2156 A67-26602
- CALOW, J. T.**
A review of semiconductor heterojunctions. 06 p1053 A67-18756
- CALTABIANO, S.**
Thermodynamic system design of the biosatellite. 16 p2757 A67-30632
- CALTON, M. R.**
Inertia welding dissimilar metals. [ASTME PAPER WES-7-51] 10 p1660 A67-23006
- CALVERT, J. R.**
Experiments on the low-speed flow past cones. 08 p1277 A67-20706
The use of a hot-wire anemometer in turbulent flow. 19 p3230 A67-35523
Experiments on the flow past an inclined disk. 23 p3990 A67-41171
- CALVERT, W.**
Ionospheric topside sounding. 01 p0057 A67-10293
Oblique z-mode echoes in the topside ionosphere. 04 p0614 A67-14956
Observations of conjugate ducting by the fixed-frequency topside-sounder. 06 p0997 A67-18699
Comparison of ionospheric probe techniques. 10 p1656 A67-23285
- CALVERY, A. L.**
The MECCA system - A modified list processing application for library collections. 02 p0207 A67-11812
- CALVET, A.**
Experimental determination of the burning rate in hybrid propellants by using a radioactive source /Determinacion experimental de la velocidad de regresion en los propergoles hibridos empleando una fuente radiactiva/. 01 p0112 A67-11420
- CALVET, J.**
Effect of post-quenching deformation on the mechanical characteristics and the creep resistance of aluminum alloys used in aeronautics /Influence de la deformation apres trempe sur les caracteristiques mecaniques et la resistance au fluage d'alliages d'aluminium utilises en aeronautique/. [ONERA-TP-423] 09 p1519 A67-22156
- CALVIN, M.**
The organic geochemistry of ancient sediments. II. 05 p0797 A67-16580
- CALZOLARI, P. U.**
Investigation of some effects influencing power parametric converter efficiency. 11 p1766 A67-24647
Frequency limitations and optimal doping distributions for a field-effect transistor. 22 p3767 A67-39275
- CAMAC, M.**
Measurements of vibration-vibration coupling in gas mixtures. 18 p3081 A67-33783
Formation of NO in shock-heated air. 18 p2997 A67-33791
- CAMARATA, F. J.**
Analytical procedure for predicting performance of single-stage momentum exchange proportional amplifiers. 14 p2250 A67-28329
- CAMARILLO, R. G.**
The effect of localized gas densities on

- vacuum ionization gauges. 09 p1498 A67-22108
Results of an ionization gauge calibrated in three systems. 24 p4153 A67-42048
- CAMBEL, A. B.**
Magnetic coupling in flight magnetoaerodynamics. 10 p1592 A67-23143
Ion acoustic waves in a cesium plasma. 11 p1837 A67-24396
Compressible magnetogasdynamic free jet. 15 p2523 A67-29215
Electrodeless magnetogasdynamic power during entry. 15 p2422 A67-29443
Experimental investigation of magnetoaerodynamic flow around blunt bodies. 21 p3673 A67-38753
[AIAA PAPER 67-729] Propagation of plasmoids at high pressures. 21 p3674 A67-38771
Measured index of refraction for argon plasma. 23 p4032 A67-40961
- CAMBI, E.**
Attitude stability of an orbiting satellite. 01 p0153 A67-10411
Aspects of a hyperbolic space localisation system. 02 p0264 A67-12354
Some remarks on the phase-lock loop. 06 p0973 A67-17615
Stability of a geostationary satellite in the terrestrial field. 19 p3333 A67-35569
- CAMBOU, F.**
Effect of nuclear radiation on the switching time of fast diodes /Effet des irradiations nucleaires sur le temps de commutation des diodes rapides/. 01 p0066 A67-10655
Measurement of auroral X radiation /Mesure du rayonnement X auroral/. 10 p1702 A67-23304
Spectrometry of primary protons and of protons of solar origin at Skogar-Iceland /L'approximate 5.7/ /Spectrometrie de protons primaires et de protons d'origine solaire a Skogar-Islande /L'approximate 5.7/. 12 p1991 A67-25114
- CAMBRELL, G. K.**
Upper and lower bounds on the characteristic impedance of TEM mode transmission lines. 02 p0194 A67-11784
- CAMERON, A.**
The action of the parallel-surface thrust bearing. 09 p1505 A67-22192
The heat transfer coefficient and lubricated contact temperature. 19 p3237 A67-35840
Evaluation of lubricants using optical elastohydrodynamics. [ASLE PAPER 67-LC-12] 24 p4164 A67-42747
- CAMERON, A. G. W.**
X-ray emission from old novae. 02 p0308 A67-12032
Helium deficiency in old halo B stars. 09 p1568 A67-22438
Nucleosynthesis in supernova shock waves. 18 p3136 A67-34726
Stellar accretion and X-ray emission. 19 p3316 A67-35801
Supernova hydrodynamics and nucleosynthesis. 22 p3882 A67-39622
Abundance anomalies produced by nuclear reactions in stellar surface layers. I. 24 p4228 A67-42263
Abundance anomalies produced by nuclear reactions in stellar surface layers. II. 24 p4228 A67-42264
The Earth-Moon System, Proceedings of an International Conference, NASA Goddard Institute for Space Studies, New York, N.Y., January 20, 21, 1964. 24 p4228 A67-42310
Planetary atmospheres and the origin of the moon. 24 p4230 A67-42325
- CAMERON, E. N.**
Kamacite and taenite superstructures and a metastable tetragonal phase in iron meteorites. 03 p0510 A67-13334
- CAMERON, J. R.**
A reliable in vivo measurement of bone-mineral content. 23 p3945 A67-41087
- CAMERON, R. E.**
Survival of desert soil algae at extremely low temperatures. 23 p3945 A67-41346
- CAMERON, R. G.**
Rational approach to color vision testing. 07 p1135 A67-19865
- CAMERON, R. M.**
Submillimetre wave observations at an altitude of 40,000 ft. 13 p2114 A67-28795
- CAMERON, W. D.**
Determining probability distributions with a hybrid computer. 15 p2440 A67-29774
- CAMERON, W. S.**
Lunar ring dikes from Lunar Orbiter

- I. 05 p0901 A67-17202
Operation Moon Blink and report of observations of lunar transient phenomena. 18 p3134 A67-34535
- CAMICHEL, H.**
Determination of the rotational velocity of the spots of Venus /Determinacion de la vitesse de rotation des taches de Venus/. 13 p2198 A67-26588
Rotation and cartography of Mercury /La rotation et la cartographie de la planete Mercure/. 18 p3125 A67-34191
- CAMIEL, J. J.**
Rescue mission planning. 15 p2555 A67-29609
Flight plans for injection of synchronous satellites. 22 p3886 A67-40116
Recent developments in variable point guidance for space rendezvous and rescue. 24 p4182 A67-42907
- CAMM, J. C.**
Synchronized high speed scanning infrared spectrometer. 13 p2121 A67-27353
- CAMMACK, S. P.**
YOH-6A world record program. [AHS PAPER 125] 16 p2598 A67-31840
- CAMP, T. F., JR.**
Measurement of gastroesophageal reflux in the evaluation of hiatus hernia and chest pain in fliers. 21 p3574 A67-38084
Measurement of gastroesophageal reflux in the evaluation of hiatus hernia and chest pain in fliers. 23 p3954 A67-41599
- CAMPAGNUOLO, C. J.**
Experimental analysis of digital fluoric amplifiers for proportional thrust control. 08 p1282 A67-20465
Application of fluidics to sensing and controlling fluid phenomena. [ASME PAPER 67-DE-12] 14 p2252 A67-28869
- CAMPBELL, A. E.**
Performance of prototype thermionic converters. 09 p1449 A67-22343
- CAMPBELL, C. K.**
Anisotropy of the energy gap in superconducting leadbismuth alloys. 03 p0501 A67-14341
Tunneling investigation of energy-gap anisotropy in superconductors. 06 p1052 A67-18571
Observations on paramagnetic cooling with synthetic ruby. 11 p1851 A67-25033
- CAMPBELL, D. B.**
Radar measurements at 70 cm of Venus and Mercury. 15 p2556 A67-29870
- CAMPBELL, D. S.**
Internal stresses in thin films. 02 p0287 A67-11717
A study of the energy distribution and nucleation of evaporated gold using a velocity selector. 23 p4009 A67-41015
- CAMPBELL, E. J. M.**
Regulation of ventilation during rebreathing at imposed respiratory frequencies. 07 p1133 A67-19479
- CAMPBELL, F. J.**
Effects of low energy protons on thermal control coatings. [AIAA PAPER 65-648] 03 p0448 A67-13053
Rate of evaporation of a non-Maxwellian atmosphere. 24 p4224 A67-41823
- CAMPBELL, F. P.**
Electrical system design and integration in the UK3 satellite. 01 p0156 A67-11423
The UK-3 satellite and its ground check-out equipment. 09 p1484 A67-21828
- CAMPBELL, G. S.**
Shock waves in a vibrationally excited gas. 19 p3212 A67-35773
- CAMPBELL, H. M., JR.**
Critical flow rate of two-phase nitrogen. 22 p3784 A67-39967
Analysis of fluid conditions in the discharge line of a cryogenic container undergoing self-pressurized draining. 22 p3784 A67-39968
- CAMPBELL, I. M.**
The recombination of nitrogen atoms and the nitrogen afterglow. 06 p0956 A67-18760
The association of oxygen atoms and their combination with nitrogen atoms. 06 p0956 A67-18761
- CAMPBELL, J.**
Measuring noise. 21 p3630 A67-38900
- CAMPBELL, J. A.**
Technique of observing the 5-mm self-emission from the oxygen of the earth's atmosphere to obtain a vertical sense. [RASSA PAPER 1-10-144] 03 p0418 A67-14251
- CAMPBELL, J. D.**
Some recent test developments and test

- techniques that will improve reliability testing. 01 p0084 A67-11369
Testing of materials at medium rates of strain. 23 p4079 A67-41332
- CAMPBELL, J. W.**
An electronic quadrature technique for laser interferometry. 15 p2502 A67-30436
- CAMPBELL, M.**
Development of polyimide imide bonded solid lubricants. [ASLE PREPRINT 67AM 7A-1] 14 p2326 A67-28789
Development of polyimide bonded solid lubricants. 19 p3233 A67-34790
- CAMPBELL, M. D.**
Effects of low temperatures on detonation velocity and other explosive parameters for linear shaped charge systems. 13 p2230 A67-27686
- CAMPBELL, M. L.**
A multiple-access world-wide satellite communication system for aircraft terminals. 06 p0960 A67-17674
- CAMPBELL, M. W.**
Calibration of limed filter paper for measuring short-term hydrogen fluoride dosages - The effect of temperature, humidity, wind speed, and dose. 16 p2675 A67-31211
- CAMPBELL, R. B.**
Electron mobility measurements in SiC polytypes. 08 p1370 A67-21294
Detection of ultraviolet radiation using silicon carbide p-n junctions. 21 p3591 A67-38156
- CAMPBELL, S.**
Roll fatigue tests of forged ZK60A-T5 magnesium and 2014-T6 aluminum wheels. 10 p1661 A67-23439
- CAMPBELL, S. G.**
Systems engineering and graphic information transducers. 16 p2781 A67-30636
- CAMPBELL, T. A.**
Optimization of manned lifting re-entry vehicles using the OCCOF technique. 22 p3902 A67-39947
- CAMPBELL, T. K.**
Three-dimensional trajectory optimization program for ascending and descending vehicles. 16 p2744 A67-30734
- CAMPBELL, W. E.**
NPSP selection for a nuclear rocket. [AIAA PAPER 67-476] 18 p3075 A67-33946
Turbopump configuration selection for an optimized nuclear engine. 22 p3834 A67-40162
- CAMPBELL, W. H.**
A review of the equatorial studies of rapid fluctuations in the earth's magnetic field. 03 p0408 A67-12842
Low attenuation of hydromagnetic waves in the ionosphere and implied characteristics in the magnetosphere for Pc 1 events. 17 p2843 A67-32536
World maps of conjugate coordinates and L contours. 17 p2844 A67-32547
- CAMUS, M.**
Plasmas and microwave components /Plasmas et composants pour hyperfréquences/. 20 p3497 A67-36489
- CANARD, J.-P.**
Study of pneumatic lines /Etude des lignes pneumatiques/. 13 p2055 A67-26799
- CANCRO, P.**
The helicopter rotor at high Mach numbers. [AHS PAPER 102] 16 p2595 A67-31819
- CANDEL, G. W.**
Variable-duty-cycle switching circuit. 10 p1597 A67-23308
- CANDY, C. J.**
Generating rectangular-waves phase locked to a repetitive signal. 01 p0036 A67-10451
- CANEVA, A.**
On the behaviour of the DCF-field. 06 p0994 A67-17639
Geomagnetic pulsations and auroral activity /Pulsazioni geomagnetiche ed attività aurorale/. 15 p2474 A67-29505
- CANFIELD, J. M.**
Effect of ionized impurities on the current from shock-loaded quartz. 04 p0678 A67-15122
- CANFIELD, L. R.**
Reflective scattering from substrates and evaporated films in the far ultraviolet. 11 p1819 A67-24666
- CANFIELD, N. L.**
Serial completion of upper wind records. 09 p1525 A67-22691
- CANIPARI, G.**
Area navigation - A requirement of the future /Navigazione d'area - Esigenza futura/. 17 p2881 A67-32391
- CANN, G. L.**
Experimental performance of the alpha thruster. [AIAA PAPER 67-687] 21 p3692 A67-38718
- CANN, M. W. P.**
The determination of average thermodynamic properties with optical cross-correlation methods. [AIAA PAPER 67-149] 06 p1004 A67-18477
- CANNARA, A. B.**
Electron-beam-probing studies of beam-plasma interactions. 11 p1841 A67-24907
- CANNON, C. H.**
C-141 operational experience. [AIAA PAPER 66-791] 01 p0009 A67-10534
Military and civil all weather landing systems for C-141. 03 p0464 A67-12907
- CANNON, J. R.**
The stability of the boundary in a Stefan problem. 18 p3071 A67-33664
The Cauchy problem for the heat equation. 23 p4081 A67-40860
- CANNON, T. C.**
Equilibrium configuration and tensions of a flexible cable in a uniform flowfield. 13 p2051 A67-27587
- CANOBBIO, E.**
Behavior and stability of an electron plasma in the presence of a time-dependent electric field /Comportement et stabilité d'un plasma d'électrons en présence d'un champ électrique dépendant du temps/. 09 p1549 A67-22553
Variations of the magnetic moment of a charge in a mixed field - Static magnetic plus high-frequency /Variation du moment magnétique d'une charge dans un champ mixte - Magnétique statique plus haute fréquence/. 10 p1683 A67-22843
Study of the optimization of the injection location in high-frequency plasma accelerators /Etude de l'optimisation de la position de l'injection dans les accélérateurs haute fréquence a plasma/. 13 p2165 A67-26586
Investigation of the relativistic effects of high-frequency plasma accelerators /Etude des effets relativistes dans les accélérateurs haute fréquence a plasma/. 15 p2527 A67-29475
Effect of injection rate on the size of the magnetic moment of a charge in an HF plasma accelerator /Effet de la vitesse d'injection sur la valeur du moment magnétique d'une charge dans un accélérateur H.F. a plasma/. 15 p2527 A67-29514
Theoretical study of the entrainment of ions and electrostatic shock waves in a high-frequency plasma accelerator /Etude théorique de l'entraînement des ions et des ondes de choc électrostatiques dans un accélérateur haute fréquence a plasma/. 17 p2899 A67-32291
- CANON, M.**
Constrained minimization problems in finite-dimensional spaces. 03 p0458 A67-13269
- CANTAFIO, L. J.**
Range instrumentation ships. 10 p1622 A67-22999
- CANTARANO, S. C.**
Observations of the earth's magnetic tail and neutral sheet at 510,000 kilometers by Explorer 33. 08 p1402 A67-21468
Probable observations of the geomagnetic tail at 10 super 3 earth radii by Pioneer 7. 20 p3433 A67-37402
- CANTAT, M.**
Small-size cylindrical gear reduction system for servomotors. I /Les petits réducteurs cylindriques pour servomécanismes. I/. 11 p1745 A67-24553
- CANTIN, A.**
Wake plasma turbulence study using an electrostatic probe array. 17 p2861 A67-33023
- CANTIN, M.**
Study of semiconductor detectors used in space experiments /Etude des détecteurs a semi-conducteurs utilisés dans les expériences spatiales/. 21 p3629 A67-38664
- CANTOR, C.**
The design of a microthruster test stand. [ASME PAPER 66-WA/AUT-8] 04 p0599 A67-15390
- CANTRELL, G. K.**
Sustained pilot performance requires more than skill. 21 p3576 A67-38073
- CANTRELL, R. H.**
Theoretical study of a solid propellant having a heterogeneous surface reaction. 17 p2881 A67-32391
- I.** 07 p1239 A67-19074
- CANVEL, H.**
Half-tone teletypewriter. 05 p0806 A67-16622
- CAP, F.**
Analytical continuation for calculating multigroup-multizone eigenvalue problems using Lie series. 10 p1675 A67-23396
- CAPART, J. J.**
Design of solar cells with two collecting junctions. 21 p3571 A67-38232
- CAPE, J. A.**
Magnetization of ellipsoidal superconductors. 07 p1234 A67-20127
- CAPEHART, M. E.**
A Monte Carlo simulation of spacecraft manufacturing, assembly, and sterilization. [AIAA PAPER 67-209] 06 p1097 A67-18513
System performance and program cost. 08 p1431 A67-21108
Multiple payload missions. 22 p3903 A67-39952
- CAPEN, C. F.**
Observing Mars in 1967. 10 p1710 A67-23562
- CAPEN, E. B.**
Rescue mission planning. 15 p2555 A67-29609
Flight plans for injection of synchronous satellites. 22 p3886 A67-40116
Recent developments in variable point guidance for space rendezvous and rescue. 24 p4182 A67-42907
- CAPENER, E. L.**
Driving processes of finite-amplitude axial mode instability in solid-propellant rockets. [AIAA PAPER 66-600] 12 p1988 A67-25909
- CAPET, M.**
Experimental analysis of laser induced gas discharges. 19 p3239 A67-35163
- CAPILLON, C.**
A hybrid rocket as gas generator /Générateur de gaz a l'hydrogène/. 08 p1410 A67-20802
- CAPLAN, M. L.**
Comparative evaluation of flight control power distribution systems for hypersonic aircraft. 17 p2800 A67-31970
- CAPLAN, S.**
Radiative recombination in gallium arsenide p-n junctions. 10 p1693 A67-23523
Thermal resistance of GaAs laser diodes. 11 p1802 A67-24744
- CAPODANNO, P.**
Existence and stability of uniform-rotation movements of a heavy blunt profile immersed in a perfect incompressible fluid moving irrotationally /Sur l'existence et la stabilité des mouvements de rotation uniforme d'un profil sans pointe pesant plonge dans un fluide parfait incompressible en mouvement irrotationnel/. 05 p0792 A67-16595
On the existence and the stability of the uniform rectilinear translation motions of a self-excited blunt body submerged in the potential flow of a perfect incompressible fluid at rest at infinity /Sur l'existence et la stabilité des mouvements de translation rectiligne uniforme d'un profil sans pointe autoexcité plonge dans un fluide parfait incompressible en mouvement irrotationnel, au repos a l'infini/. 18 p3027 A67-34183
- CAPONE, B. R.**
Effect of heat treatment on the magnetic properties of substituted YIG. 22 p3860 A67-39913
- CAPPARELLI, F.**
High Q inductance simulator for microminiature circuits /Simulatore di induttanza ad elevato Q per circuiti in microminiatura/. 13 p2081 A67-27201
- CAPPELLARI, J. O., JR.**
Lunar surface accessibility for manned missions, 1968-1988. [AAS PAPER 66-131] 07 p1255 A67-19990
Lunar surface accessibility for manned missions, 1968-1988. [AAS PAPER 66-131] 13 p2209 A67-27542
- CAPPELLETTI, R. L.**
Far-infrared absorption in superconducting niobium alloys. 17 p2925 A67-33373
- CAPPELLI, A. P.**
The analysis of shells of revolution having arbitrary stiffness distributions. 10 p1730 A67-23771
- CAPPELLINI, V.**
Digital telemetry system for space research /Sistema di telemetria numerica per ricerche spaziali/. 20 p3394 A67-36245
An electrostatic probe for ionospheric measurements of electron density and temperature. II /Una sonda elettrostatica

- per misure ionosferiche di densità e temperatura elettronica. 20 p3441 A67-36383
II/. On board devices for low current measurements. 21 p3599 A67-38634
Digital telemetry system for on board applications. 21 p3583 A67-38635
- CAPRIZ, G.**
Numerical study of the stability problem for Couette flow. 03 p0405 A67-14030
Interaction between disk and blades during vibrations of a thick-bladed turbine disk. [ASME PAPER 67-VIBR-52] 11 p1797 A67-24201
- CAPURRO, L. R. A.**
Oceanography from space. 15 p2477 A67-29698
- CAPURSO, M.**
Calculation of failure loads of simply supported plates with different tensile and compressive yield strength /Sul calcolo dei carichi di collasso di piastre semplicemente inflesse di materiale con diversa resistenza a trazione e compressione/. 03 p0531 A67-14366
Yield conditions for incompressible isotropic and orthotropic materials with different yield stress in tension and compression. 19 p3339 A67-35053
- CAPUTO, A. A.**
Mechanics of reinforced solid propellants. 08 p1374 A67-20889
- CARABETTA, R.**
Chemical excitation of sodium in flames. 18 p3150 A67-33803
- CARABINE, M. D.**
The oxidation of diborane. 06 p0955 A67-18058
- CARAFOLI, E.**
Deviation of a two-dimensional supersonic flow by jet-flap action /La deviation d'un écoulement supersonique bidimensionnel par l'action d'un jet-flap/. 07 p1127 A67-20208
Harmonic oscillatory motion of the conical wing-fuselage system under supersonic conditions /Mouvement oscillatoire harmonique du système aile-fuselage conique en régime supersonique/. 07 p1127 A67-20224
Application of quasi-conical motions to the theory of wings with curved leading edges. 07 p1128 A67-20235
Antisymmetrical thin delta wing with flow separation at the leading edges. 07 p1128 A67-20236
Theoretical model concerning a thin delta wing with separation at the leading edges /Sur un modèle théorique concernant l'aile delta mince avec décollement aux bords d'attaque/. 19 p3170 A67-35542
Optimum shape of the cruciform wing of symmetrical thickness in supersonic flow. 20 p3355 A67-36192
Application of quasi-conical motions to the study of wing-body lifting systems in supersonic flow. 20 p3356 A67-36278
- CARAH, A. J.**
Vehicle flight readiness review - A technique for assuring maximum probability of mission success. [AIAA PAPER 67-888] 24 p4140 A67-43001
- CARAMAZZA, R.**
Morphological considerations on the Tucson meteorite /Alcune osservazioni morfologiche sulla meteorite Tucson/. 03 p0510 A67-13350
- CARASSA, F.**
Space communications /Telecomunicazioni spaziali/. 08 p1294 A67-20783
The Fucino ground station low-noise amplifier /Amplificateur a faible bruit de la station au sol de Fucino/. 12 p1913 A67-25301
Research program on satellite communication of the Consiglio Nazionale delle Ricerche, Italy. 17 p2813 A67-32400
- CARAWAY, B. L.**
Skin response of the rat to 13 Mev proton irradiation. I. 23 p3957 A67-41644
Skin response of the rat to 13 Mev proton irradiation. II. 23 p3958 A67-41645
- CARAYANIS, G. S.**
Thermal-fatigue tests of restrained combustor-cooling tubes. 15 p2572 A67-29164
- CARBONEL, M.**
Pure magnetic integrated logic /Logique entièrement magnétique intégrée/. 21 p3588 A67-38675
- CARBONELL, J. R.**
A queueing model of many-instrument visual sampling. 07 p1136 A67-20172
- CARD, D. H.**
Daily rhythm changes associated with variations in light intensity and color. 15 p2426 A67-29109
- CARDEN, A. E.**
Low-cycle fatigue of three superalloys under cyclic-extension and cyclic-temperature conditions. [ASME PAPER 67-MET-19] 12 p1956 A67-25955
Thermal fatigue analysis of a cryogenically cooled rocket nozzle. 22 p3834 A67-40183
- CARDINALE, O.**
Evaluation of error correction block encoding for high-speed HF data. 17 p2811 A67-32112
- CARDNER, D. V.**
Simultaneous heat and mass transfer in laminar free convection with a moving interface. 19 p3346 A67-35613
- CARDONA, M.**
Band structure of GaAs, GaP, InP and AlSb - The k.p method. 06 p1058 A67-18904
Electroreflectance at a semiconductor-electrolyte interface. 10 p1691 A67-23401
- CARDULLO, M. W.**
Statistical variations in performance of rocket engines. 19 p3311 A67-34829
- CARDUS, D.**
Effects of 10 days recumbency on the response to the bicycle ergometer test. 01 p0016 A67-10949
- CAREN, R. P.**
Low-temperature emittance determinations. [AIAA PAPER 65-703] 03 p0418 A67-13037
Effect of small spacings on radiative transfer between two dielectrics. [ASME PAPER 67-HT-21] 20 p3546 A67-36716
- CAREW, W. F.**
Creep properties of sheet material in the environment of a supersonic transport. 22 p3818 A67-39225
- CAREY, C.**
Simultaneous ultrasonic and line reversal temperature determination in a shock tube. 21 p3624 A67-37740
- CAREY, C. A.**
Ultrasonic thermometry in solids and gases at elevated temperatures. 18 p3051 A67-34509
- CAREY, C. R.**
Effect of isolation in a constant environment on periodicity of physiological functions and performance levels. 23 p3959 A67-41697
- CAREY, G. P.**
Experimental study of the effect of junction curvature on breakdown voltage in Si. 09 p1471 A67-21945
- CAREY, J. P.**
Encapsulation of thick-film substrates. 21 p3596 A67-38343
- CAREY, L.**
Dual mode 100-1 thrust modulation rocket engine. [AIAA PAPER 67-506] 18 p3113 A67-33970
- CARICATO, G.**
The intrinsic evolution problem for Einstein's equations /Sul problema intrinseco di evoluzione per le equazioni Einsteiniane/. 20 p3487 A67-37685
- CARIFFE, A. E.**
Drag force solid state anemometer and vane. 05 p0808 A67-17308
- CARL, C.**
Surveyor telemetry processing system. 20 p3393 A67-37458
- CARLE, G. C.**
Pyrolysis gas chromatography application to life detection and chemotaxonomy. 20 p3378 A67-37500
- CARLETON, H. R.**
Advantages of transverse-wave light modulators. 17 p2815 A67-32614
- CARLEY, D. D.**
Radial distributions of ions for a primitive model of an electrolyte solution. 17 p2810 A67-33256
- CARLEY, R. R.**
Gemini - Guidance and control. 16 p2700 A67-30659
- CARLIN, J.**
Acoustic waves and their effects on antenna impedance. 11 p1769 A67-25030
Variational formula for antenna impedance in a warm magnetoplasma. 19 p3194 A67-35513
- CARLQVIST, P.**
Currents in the solar atmosphere and a theory of solar flares. 12 p2001 A67-25224
- CARLSON, A. W.**
Design of a highly-efficient PWM power supply. 08 p1284 A67-20693
- CARLSON, C. E.**
Development of niobium-zirconium-carbon alloys. 09 p1519 A67-22397
- CARLSON, C. O.**
Helium-neon laser - Thermal high-resolution recording. 05 p0815 A67-16586
- CARLSON, C. W.**
Detection of hydrogen in air by means of alkali ion current from hot palladium. 08 p1330 A67-20376
- CARLSON, D. E.**
A note on the Beltrami stress functions. 17 p2884 A67-32717
On Guenther's stress functions for couple stresses. 17 p2964 A67-33136
- CARLSON, F. M.**
Small-signal RF amplification of MOS devices. 02 p0218 A67-12101
- CARLSON, G. E.**
Inertial navigation errors for a lifting reentry vehicle. 17 p2881 A67-32476
- CARLSON, H. C.**
Radar spectrographic estimates of ionic composition from 225 to 1400 kilometers for solar minimum winter and summer conditions. 04 p0614 A67-14955
- CARLSON, H. C., JR.**
Preliminary observation of 6300 angstrom units predawn enhancement at Areclbo. 18 p3039 A67-33624
- CARLSON, H. W.**
Wind-tunnel sonic-boom testing techniques. [AIAA PAPER 66-765] 13 p2091 A67-27594
- CARLSON, J. W.**
The terminal complex at Pittsburgh. 22 p3779 A67-39376
- CARLSON, K. M.**
Launch vehicle performance. 16 p2762 A67-31489
- CARLSON, L. A.**
Chemical relaxation phenomena behind normal shock waves in a dissociated freestream. [AIAA PAPER 66-519] 12 p1929 A67-25905
- CARLSON, L. D.**
Cumulative effects of venesection and lower body negative pressure. 10 p1599 A67-23813
Has man qualified for long-duration space flights/ques/ Cardiovascular studies during and following simulation and weightlessness. 15 p2424 A67-29102
- CARLSON, L. W.**
Heat-transfer characteristics of hot-gas ignition. [AIAA PAPER 66-67] 15 p2582 A67-30196
- CARLSON, R. G.**
Metal laminate composite materials for compressor blading. 03 p0444 A67-13436
- CARLSON, R. J.**
USAF application of airborne recorders for propulsion diagnostics. [SAE PAPER 67-0359] 17 p2861 A67-32998
- CARLSON, R. L.**
Electroforming thin shells for experimental studies. 13 p2219 A67-27184
Experimental studies of the buckling of complete spherical shells. 17 p2960 A67-32454
- CARLSON, R. M.**
Extending helicopter speed performance. 21 p3567 A67-38015
- CARLSON, R. O.**
Improved room-temperature laser performance in GaAs diffused-junction diodes. 11 p1803 A67-24911
- CARLSON, W. O.**
Transient turbulent free convection in closed containers. 04 p0731 A67-15827
- CARLSTEN, E. E.**
Ground support for the supersonic transport. [SAE PAPER 66-0702] 01 p0049 A67-10596
- CARLSTONE, D. S.**
Weak-electromagnetic decays of hyperons in a broken SU(3) operated as in SU(3) model. 20 p3489 A67-37093
- CARLUCCI, N. A.**
Handbook of specific losses in flow systems. 02 p0233 A67-11995
- CARLYLE, L.**
Analysis of safety and survival factors in emergency escape. I. 23 p3964 A67-41546
- CARMAN, C. M.**
Low cycle fatigue crack propagation characteristics of high strength steels. [ASME PAPER 66-MET-3] 05 p0827 A67-16213
Crack resistance properties of high

- strength aluminum alloys. 16 p2688 A67-31308
- CARMAN, R. L.**
Observation of degenerate stimulated four-photon interaction and four-wave parametric amplification. 05 p0844 A67-16379
- CARMÍ, S.**
Subcritical convective instability. II. 05 p0926 A67-16817
- CARMICHAEL, A. D.**
An approach to three-dimensional turbulent boundary layers. [ASME PAPER 66-WA/GT-10] 04 p0607 A67-15361
Prediction of turbulent boundary layer development in conical diffusers. 04 p0549 A67-15750
- CARMICHAEL, I. S. E.**
Iron-titanium oxides and oxygen fugacities in volcanic rocks. 22 p3792 A67-39975
- CARMICHAEL, J. B., JR.**
On the measurement of the transmission of external force through fluid systems in primates. 10 p1600 A67-23821
- CARNAHAN, R. D.**
Hypereutectic carbides highly resistant to thermal shock. 11 p1809 A67-25004
Effect of purity and temperature on dynamic microstrain of niobium /columbium/. 20 p3469 A67-37385
- CARNE, C. M.**
Experiments using the momentum interaction principle to produce a proportional fluid amplifier. 08 p1282 A67-20464
- CARNEGIE, W.**
Vibration characteristics of cantilever blading. 12 p2014 A67-25414
Vibration characteristics of turbine blading under rotation - Results of an initial investigation and details of a high-speed test installation. 12 p2015 A67-25418
Inertial effects of simple rotor-shaft systems. 20 p3453 A67-36500
Matrix displacement analysis of coupled bending-bending vibrations of pretwisted blading. 23 p4078 A67-41329
- CARNES, J. E.**
Evaporated metallic contacts to conducting strontium titanate single crystals. 23 p4038 A67-40874
- CARNEVALE, E. H.**
Ultrasonic determination of transport properties of monatomic gases at high temperatures. 15 p2580 A67-29882
Ultrasonic thermometry in solids and gases at elevated temperatures. 18 p3051 A67-34509
Simultaneous ultrasonic and line reversal temperature determination in a shock tube. 21 p3624 A67-37740
- CARNEVALE, M.**
Interaction of an electron beam with a collisionless plasma. 11 p1826 A67-23875
- CARNEVALE, R. F.**
Rocket sampling of noctilucous cloud particles during 1964 and 1965. 19 p3216 A67-35194
- CARNEY, J. J.**
A computer analysis of nonlinear frequency response. 17 p2821 A67-32933
- CARNEY, R.**
The dual redundant concept of computer operation. 08 p1298 A67-20638
- CAROFF, L. J.**
Magnetohydrodynamics in a reacting medium. 21 p3660 A67-37743
- CAROLI, B.**
Specific heat and magnetic susceptibility of dilute solid solutions of yttrium-gadolinium /Chaleur spécifique et susceptibilité magnétique des solutions solides diluées d'yttrium-gadolinium/. 08 p1369 A67-20870
- CAROLI, C.**
Fluctuations of the order parameter in type-II superconductors. I. 19 p3302 A67-35038
Fluctuations of the order parameter in type-II superconductors. II. 19 p3302 A67-35039
- CARON, J.**
Research on ion propulsion /Recherches sur la propulsion ionique/. 04 p0689 A67-15021
- CAROVILLANO, R. L.**
Poloideal hydromagnetic plasmaspheric resonances. 02 p0276 A67-12563
Effects on the solar wind of rotation, self-gravitational attraction, and magnetic fields. 03 p0508 A67-14313
The energy of confinement of a shielded magnetic dipole field. 06 p1030 A67-17658
Latitude-dependent plasmasphere oscillations. 08 p1365 A67-21407
- CARPENTER, D. G.**
Solar wind degradation of interplanetary dust. 17 p2951 A67-33234
- CARPENTER, D. L.**
Progress in magnetospheric radio. 05 p0795 A67-16011
Relations between the dawn minimum in the equatorial radius of the plasmapause and D_{st} , K sub p , and local K at Byrd station. 15 p2477 A67-29627
Direct detection by a whistler method of the magnetospheric electric field associated with a polar substorm. 17 p2851 A67-33197
- CARPENTER, E.**
The orbit of Halley's comet. 15 p2557 A67-29874
- CARPENTER, J. A.**
Dipole shutter - Eye protection transparency interim report. 23 p3965 A67-41565
- CARPENTER, J. E.**
An existing facility for scramjet testing the wave superheater hypersonic tunnel. [AIAA PAPER 67-182] 06 p0980 A67-18343
An existing facility for scramjet testing - The wave superheater. [AIAA PAPER 67-182] 19 p3208 A67-35767
The wave superheater - An advanced aerothermal test facility. 21 p3608 A67-38800
- CARPENTER, L.**
Periodic motion around the triangular libration point in the restricted problem of four bodies. 13 p2205 A67-27478
- CARPENTER, L. R.**
Flight research program. VI. 09 p1455 A67-21717
- CARPENTER, R.**
Computer-aided design. III. 04 p0578 A67-15088
- CARPENTER, R. B., JR.**
Safety assurance for extended manned missions. 11 p1869 A67-24339
- CARPENTER, R. D.**
Internal stress measurement of encapsulated electronic modules. 08 p1306 A67-21418
- CARPENTER, R. H.**
Business and financial ramifications of our present airport and ATC problems. [SAE PAPER 67-0264] 11 p1884 A67-23987
- CARPENTER, R. M.**
Algorithms for the dichotomous representation of macrocircuits. 08 p1299 A67-20326
Algorithms for the dichotomous representation of systems. 18 p3005 A67-33498
- CARPENTER, S. H.**
Dislocation panning and temperature dependence of internal friction. 22 p3819 A67-39352
- CARPENTER, W. C.**
Modification of elements in the displacement method. 19 p3343 A67-35771
- CARPENTIER, D.**
Study of the deformation of beryllium under hydrostatic pressure reaching 15 kilobars /Contribution à l'étude de la déformation du beryllium sous pression hydrostatique atteignant 15 kilobars/. 13 p2139 A67-27124
- CARPENTIER, G.**
Evidence of solar granulation at 2000 angstrom units /Mise en évidence de la granulation solaire à 2000 angstrom units/. 12 p2001 A67-25220
- CARPENTIER, M. H.**
A new philosophy of radar. 04 p0572 A67-15029
Radars-New Concepts /Radars-Concepts Nouveaux/. 13 p2071 A67-27224
- CARPER, H. J.**
An experimental study of annular flows with applications in turbulent film lubrication. [ASME PAPER 66-LUB-14] 03 p0403 A67-13755
- CARPER, W. R.**
Electron spin resonance of acenaphthene radical ion and radical ion pairs. [JPL-TR-32-1144] 24 p4118 A67-42326
- CARPETIS, C.**
Cryotechnology for a space power supply /Die Kryogentechnologie fuer die Energieversorgung im Weltraum/. 04 p0560 A67-15967
On the construction of linear induction MHD generators with optimized coil system and optimal conductivity of the working fluid. 12 p1898 A67-25380
Some aspects of the use of a cryogenically-cooled primary windings system for an A.C. MHD generator. 16 p2605 A67-30580
On the use of cryogenic techniques for space propulsion and energy conversion. 16 p2702 A67-30717
- CARR, D. L.**
Low-energy electron and proton satellite instrumentation for auroral studies. 12 p1944 A67-25851
- CARR, E. A.**
Simplified engineering techniques for predicting diode tree responses. 04 p0588 A67-15698
Transient radiation effects in semiconductor devices - Experimental correlation. 17 p2918 A67-32851
- CARR, J. H.**
A Mobile Lunar Laboratory system. 08 p1316 A67-21088
- CARR, M. H.**
Micrometeorite flux determined from the 1965 Luster sounding rocket collection. 20 p3528 A67-37424
- CARR, T. D.**
Radio rotation period of Jupiter. 01 p0146 A67-10294
Influence of the terrestrial environment on the temporal and statistical characteristics of Jovian decametric radiation. [RASSA PAPER 1-10-134] 03 p0373 A67-14245
Morphology of Jupiter's decametric radio sources. 21 p3710 A67-38997
- CARR, W. C.**
Silicon and chlorine laser oscillations in SiCl sub 4. 15 p2496 A67-29178
- CARRE, R.**
The importance of the carotidogram in the study of left ventricular ejection /Interet du carotidogramme dans l'étude de l'éjection ventriculaire gauche/. 04 p0561 A67-14626
- CARELLI, A.**
Viscosity effects in the dynamic state for Newtonian and non-Newtonian liquids /Effets de viscosité en régime dynamique pour les liquides Newtoniens et non Newtoniens/. 02 p0240 A67-11521
- CARRIER, G. F.**
Transient phenomena in dissociative reactions. 03 p0474 A67-14025
- CARRIER, L. W.**
The backscattering and extinction of visible and infrared radiation by selected major cloud models. 17 p2817 A67-33293
- CARRIERE, P.**
Remarks concerning the methods of calculating viscosity effects in propulsion nozzles /Remarques sur les methodes de calcul des effets de la viscosité dans les tuyères propulsives/. 04 p0602 A67-14568
Hypersonic testing methods of ONERA and their recent progress /Les methodes d'essais hypersoniques de l'O.N.E.R.A. et leurs progres recents/. 05 p0748 A67-16475
Recent progress in the O.N.E.R.A. hot-shot wind-tunnels. [ONERA-TP-447] 15 p2465 A67-29377
- CARRIGAN, A.**
Auroral spectrograph data. 02 p0238 A67-12036
- CARROLL, C. C.**
Encoders and decoders with integrated circuits. 13 p2072 A67-26412
Digital pulse-taking. 13 p2078 A67-26801
Discrete methods for the implementation of control networks using integrated circuitry. 22 p3800 A67-40184
- CARROLL, C. L., JR.**
High accuracy trajectory determination. [AAS PAPER 67-43] 15 p2438 A67-30112
Evaluation and calibration of missile and space tracking systems. 16 p2821 A67-30682
- CARROLL, D. I.**
Comparative merits of radioisotope and machine sources of X-radiation for aerospace applications. 02 p0266 A67-12217
A pulsed X-ray instrument for altitude measurement and terrain identification. 05 p0806 A67-16528
In-flight instrumentation for prompt miss distance measurement using gamma ray techniques. 05 p0841 A67-16533
- CARROLL, J. E.**
A Gunn diode self pumped parametric oscillator. 09 p1479 A67-22267
The use of airbrasion in the construction

- of Gunn diodes. 10 p1616 A67-23536
Mechanisms in Gunn effect microwave oscillators. 18 p3013 A67-34525
- CARROLL, J. J.**
SST training program considerations. 13 p2091 A67-27270
- CARROLL, M. M.**
Some results on finite amplitude elastic waves. 20 p3540 A67-37282
On circularly-polarized nonlinear electromagnetic waves. 24 p4168 A67-42481
- CARROLL, P. C.**
Project EGRESS. 05 p0906 A67-17204
- CARROLL, P. K.**
Absorption by atomic nitrogen in the extreme ultraviolet. [AFRCL-66-835] 17 p2888 A67-32629
- CARROLL, R.**
Some growth and convexity theorems for second-order equations. 12 p1961 A67-26063
- CARROLL, S. N.**
Advanced control systems for the Saturn V launch vehicle. [AIAA PAPER 67-591] 19 p3336 A67-35987
- CARROLL, T. O.**
Double resonance gas laser spectroscopy in neon. 05 p0818 A67-16645
- CARROLL, W. F.**
Spacecraft temperature-control coatings - Selection, utilization and problems related to the space environment. 16 p2757 A67-30634
- CARROLL, W. J.**
A strapped down orbital attitude reference system. 22 p3907 A67-40187
Some cross-coupling effects in a gyrodown orbital strapdown compass. 22 p3801 A67-40188
- CARROLL, W. N.**
The airborne 4 Pi computer - IBM aims at aerospace guidance. 09 p1469 A67-22174
- CARRON, M. K.**
Martha's Vineyard and selected Georgia tektites - New chemical data. 09 p1569 A67-22687
- CARRU, H.**
Detection of movements in the ionosphere by means of incoherent diffusion / Mise en evidence de mouvements dans l'ionosphere au moyen de la diffusion incoherente/. 10 p1632 A67-22858
Measurements of electronic and ionic temperatures by incoherent diffusion / Mesures de temperatures electroniques et ioniques par diffusion incoherente/. 12 p1931 A67-25108
On the diurnal variation of the thermopause temperature. 16 p2666 A67-31416
- CARRUTHERS, G. R.**
An upper limit on the concentration of molecular hydrogen in interstellar space. 17 p2945 A67-32651
- CARSON, C. T.**
Upper and lower bounds on the characteristic impedance of TEM mode transmission lines. 02 p0194 A67-11784
- CARSON, D. E.**
Lunar Orbiter readout. [SMPT PAPER 101-45] 12 p1940 A67-25463
- CARSON, R. R.**
Logistics in transition to life cycle economics in the 1970's. 23 p4085 A67-40587
- CARSON, W. N., JR.**
The magnesium-air cell. 09 p1445 A67-22187
- CARSON, W. W.**
A modification to the Monte Carlo method - The Exodus method. [ASME PAPER 66-WA/HT-61] 04 p0646 A67-15436
- CARSWELL, A. I.**
Laser studies at RCA Victor Research Laboratories, Montreal - A review. 07 p1194 A67-19082
Effect of detachment processes on plasma quenching by electronegative gases. 16 p2720 A67-31238
- CARTA, F. O.**
Coupled blade-disk-shroud flutter instabilities in turbojet engine rotors. [ASME PAPER 66-WA/GT-6] 04 p0713 A67-15384
The unsteady normal force response of an airfoil in a periodically distorted inlet flow including stalling effects. 06 p0938 A67-18255
An analysis of the stall flutter instability of helicopter rotor blades. [AHS PAPER 130] 16 p2777 A67-31844
Coupled blade-disk-shroud flutter instabilities in turbojet engine rotors. [ASME PAPER 66-WA/GT-6] 18 p3115 A67-34130
Unsteady normal force on an airfoil in a periodically stalled inlet flow. 21 p3565 A67-38536
- CARTEN, A. S., JR.**
Importance of thermistor mount configuration to meteorological rocket temperature measurements. 23 p4025 A67-41446
- CARTER, A. D. S.**
Lift augmentation ratio for hovercraft. 15 p2419 A67-29674
Blade loadings for hovercraft and other radial flow fans. 23 p3931 A67-41331
- CARTER, D. I.**
Aerospace medicine considerations in manrating space environment simulators. 17 p2807 A67-31960
- CARTER, D. L.**
Cyclotron resonance in tellurium at submillimeter wavelengths. 06 p1061 A67-18920
- CARTER, G.**
Thermal reemission of inert gas atoms in tungsten and gold. 23 p4030 A67-41357
- CARTER, H. G.**
Time multiplex satellite telemetry. 01 p0020 A67-10107
Molecular helmet transceiver. 05 p0779 A67-17466
- CARTER, J. C.**
Hybrid computers in the analysis of feedback control systems. 19 p3189 A67-36068
Spectral line interferometry with independent time standards at stations separated by 845 kilometers. 20 p3523 A67-36648
- CARTER, J. R., JR.**
Defect-impurity relationships in electron-damaged silicon. 04 p0684 A67-15690
Annealing of radiation damage in lithium doped silicon. 23 p4047 A67-41525
- CARTER, J. W.**
Man-rating the Gemini launch vehicle - Crew hazard and mission analysis. 01 p0155 A67-11347
- CARTER, L. L.**
Some aspects of cylindrical shell panel flutter. [AIAA PAPER 67-78] 06 p1104 A67-18452
- CARTER, R. L.**
The LW-3B escape system. 17 p2794 A67-32000
- CARTER, S. W.**
Unbond detection using ultrasonic phase analysis. 04 p0622 A67-15265
Tests developed with materials processes assure optimum reliability. 09 p1506 A67-22304
- CARTER, W. C.**
On-line reliability calculations to achieve a balanced design of an automatically repaired computer. 17 p2820 A67-32501
- CARTER, W. H.**
Field range and resolution in holography. 06 p1004 A67-18543
- CARTER, W. J.**
A fixed percentage binary gas for life support derived from two steady-state cryogenic liquids. 13 p2064 A67-27638
- CARTER, W. W.**
Cassegrainian monopulse tracking antenna for space rendezvous. 04 p0569 A67-14502
- CARTIANU, G.**
General method of synthesis in the time domain of functions with discontinuities. 11 p1769 A67-24122
- CARTIER, M.**
The biological influence of supersonic flight - Radiations / Influence biologique du vol supersonique - Les radiations/. 07 p1134 A67-19532
- CARTON, R.**
Planar silicon transistors with metallic protection / Les transistors plans au silicium a protection metallique/. 13 p2077 A67-26652
- CARUSOTTO, S.**
Two-photon absorption and coherence. 17 p2870 A67-33317
- CARVER, G. P.**
Development progress of organic Rankine cycle power systems. 24 p4103 A67-42494
- CARVER, J. H.**
Rocket determination of the night ozone distribution and the lunar ultraviolet flux. 10 p1638 A67-23203
Molecular oxygen density and ultra-violet absorption in the southern atmosphere. 12 p1934 A67-25786
- CARVER, K. R.**
The helicone - A circularly polarized antenna with low sidelobe level. 13 p2076 A67-26515
- CARVER, T. R.**
Light modulation at the ground-state hyperfine-separation frequency of potassium. 02 p0251 A67-11818
- CARY, A. M., JR.**
Effect of two-dimensional multiple-wave distortions on the heat transfer to a wall in hypersonic flow. [AIAA PAPER 67-164] 06 p1115 A67-18294
Transformation of hypersonic turbulent boundary layers to incompressible form. 14 p2297 A67-28137
Heat transfer to wavy wall in hypersonic flow. [AIAA PAPER 67-164] 21 p3732 A67-38855
- CARY, R. C.**
Study results pertaining to selection and evaluation of a multipurpose satellite. [AIAA PAPER 67-638] 20 p3535 A67-37621
- CASABELLA, P. A.**
Gradient-elastic tensor in sodium chloride and sodium bromide. 02 p0280 A67-11485
- CASAGRANDE, R.**
A thermal and electrical model for a silver-zinc battery power system installed in a spacecraft. [AIAA PAPER 67-334] 12 p1901 A67-26048
- CASALE, P.**
Measurement of rotational-velocity and ion-density profiles in plasma vortices. 19 p3288 A67-35361
- CASAZZA, S. A.**
Transient thermal analysis of complex electronic assemblies. 02 p0263 A67-12104
- CASCI, C.**
Combustion efficiency of a supersonic ramjet / Sul rendimento di combustione di uno statoreattore supersonico/. 01 p0141 A67-11149
STOL and VTOL aircraft - Current and future problems / Aerei a decollo raccordato e verticale - Problemi di oggi e di domani/. 08 p1279 A67-20782
Influence of some characteristic parameters on the low frequency instability in bi-propellant rocket engines. 19 p3311 A67-35052
- CASE, C. T.**
Transient reflected signals from an anisotropic plasma. [AFRCL-67-0065] 03 p0371 A67-13865
Transient signal propagation in lossless, isotropic plasmas. 16 p2627 A67-31351
- CASE, F. N.**
Recent source developments with aerospace utility. 02 p0265 A67-12213
- CASE, J. B.**
The analytical reduction of panoramic and strip photography. 15 p2486 A67-29299
- CASE, J. M.**
An investigation of thermionic converter dynamic operation. 09 p1447 A67-22335
- CASE, K. M.**
Singular eigenfunctions and plasma problems. 20 p3494 A67-36148
- CASE, P.**
Measurements of entrainment by a free rotating disc. 09 p1437 A67-22159
- CASELLA, R. C.**
Optical properties of SrTiO sub 3 under applied stress and electric field. 10 p1691 A67-23403
- CASEY, H. W.**
Influence of chronic acceleration on the effects of whole-body irradiation in rats. 15 p2427 A67-29268
Skin response of the rat to 13 Mev proton irradiation. II. 23 p3958 A67-41645
- CASEY, J. J.**
Characteristics of a single-crystal transistor with a metallic base / Karakteristiki monokristallicheskogo tranzistora s metallicheskoi bazoi/. 02 p0221 A67-12530
Characteristic of a single-crystal metal-base transistor. 14 p2279 A67-28007
- CASHEN, J. F.**
Communication through plasmas bounding slender entry vehicles. [AIAA PAPER 66-481] 12 p1905 A67-25906
- CASLER, D. H.**
Simultaneous exposure-development of holograms on 649-F film. 18 p3048 A67-34012
- CASON, C.**
Multiple arc performance in an 8000 kw plasma facility. 12 p1974 A67-25404
Determination of local gas parameters in a reentry simulator. 20 p3445 A67-36588
- CASPAR, P. E.**
A compatible in-contact masking material. 03 p0494 A67-13490

- CASPER, K. J.
Superconducting magnet beta-ray spectrometer. 20 p3444 A67-36523
- CASS, L. A.
Turbulent mixing of an axisymmetric jet of partially dissociated nitrogen with ambient air. [AIAA PAPER 65-823] 01 p0055 A67-11171
- CASSANOVA, R. A.
The chemiluminescent reaction of NO with O in a supersonic low density wind tunnel. 14 p2293 A67-28199
Expansion of a jet into a vacuum. 18 p3152 A67-33818
- CASSANTO, J. M.
Angle-of-attack measurements of a hypersonic reentry vehicle derived from flight test pressure data. 02 p0178 A67-11942
- CASSATT, R. K.
Panel layout for rectilinear instruments. 14 p2257 A67-28661
- CASSEDY, E. S.
Dispersion relations in time-space periodic media. II. 19 p3195 A67-35620
- CASSELLMAN, T. N.
Electro-optic effects in paraelectric perovskites. 02 p0296 A67-11821
- CASSERLY, G. W.
The potential use of satellites in hyperbolic position finding. 09 p1526 A67-22393
- CASSIDY, J. F., JR.
On the optimal feedback control of a large launch vehicle to reduce trajectory sensitivity. 16 p2763 A67-31679
- CASSIDY, W.
A previously undescribed meteorite crater in Chile. 02 p0325 A67-11859
- CASSIR, G. R.
Adaptive control by predictive identification and optimization. 02 p0225 A67-12142
A predictive identification and mode-recognition technique for adaptive control and tracking systems. 15 p2463 A67-30330
- CASSITY, C. R.
Solutions of the fifth-order Runge-Kutta equations. 08 p1347 A67-20369
- CASSON, C. F.
On random vibration testing of relays. 13 p2085 A67-27699
- CASSON, W. H.
Pre-detection diversity-combiner. 02 p0198 A67-12025
- CASTAGNOLO, B.
Characterization of photovoltaic cells with emphasis on the determination of quantum efficiency /Caratterizzazione di celle fotovoltaiche con particolare riferimento alla determinazione della efficienza quantica/. 20 p3362 A67-36240
- CASTANG, C.
New extension of Liapunov's theorem /Sur une nouvelle extension du theoreme de Liapunov/. 10 p1873 A67-22850
- CASTELLANI, P. C. F.
Incorporation of protein and nucleic acid precursors into frog nervous tissue in vitro. 04 p0560 A67-14408
Differential effect of sodium azide on the incorporation of nucleic acid precursors into Chinese hamster cells in vitro. 21 p3575 A67-38798
- CASTELLANO, A. J., JR.
An experimental investigation of the capture performance of FM receivers. 02 p0197 A67-12022
- CASTELLANO, V.
A planetary geodetic laser survey system. 22 p3800 A67-40139
- CASTELLI, J. P.
Radio spectrum of an active solar region determined from the 20 July 1963 eclipse. [AFRL-66-839] 01 p0148 A67-10388
Seasonal atmospheric attenuation measurements at 3.27 cm wavelength. [RASSA PAPER 1-10-142] 03 p0417 A67-14250
The Sagamore Hill solar radio observatory and the event of August 28, 1966. 10 p1703 A67-23803
- CASTELLI, V.
Semi-implicit numerical methods for treating the time-transient gas-lubrication equation. [ASME PAPER 67-LUB-18] 24 p4163 A67-42677
- CASTILLO, F.
The comparative enzymology of lactic dehydrogenases. III. 20 p3377 A67-37159
- CASTLE, G.
Medical factors involving air traffic control information displays. 13 p2064 A67-27564
- CASTLE, J. A.
Modular xenon solar simulator for large area application. 12 p1925 A67-25735
- CASTNER, T. G.
Orbach spin-lattice relaxation of shallow donors in silicon. 13 p2180 A67-27162
- CASTNER, W. G.
The MECCA system - A modified list processing application for library collections. 02 p0207 A67-11812
- CASTRUCCI, P. L.
The transient behavior of autonomous nonlinear control systems. 24 p4135 A67-42186
- CASTRUCCIO, P. A.
Economic justification for manned space systems. 19 p3350 A67-35650
- CASWELL, J. N.
Transient response of pulsed feedback systems. 02 p0203 A67-12146
- CATALANO, J. F.
Factors in recovery from performance decrement-Activation, inhibition and warm-up. [NAVTRADEVEN-1H-72] 24 p4114 A67-41809
- CATAPANO, A. J.
Finance and manpower. 06 p1120 A67-19038
- CATCHPOLE, E. J.
Some recent European developments in the structural-adhesives field. 09 p1577 A67-22511
- CATCHPOOLE, J. R.
Longitudinal drift effects and further aspects of superimposed electric fields. 01 p0056 A67-10109
Photoelectrons and the magnetosphere. 16 p2664 A67-30973
Patterns of magnetospheric electron precipitation. 16 p2667 A67-31510
Collisional pitch redistribution and the spectra of emergent electrons. 20 p3425 A67-36283
- CATHERINES, J. J.
Effectiveness of external dampers for attenuating launch vehicle oscillations. 04 p0598 A67-15248
- CATLETT, G. F.
Effects of glucose loading on the electrocardiogram of pilot applicants. 21 p3573 A67-38068
- CATO, G. A.
Manned meteorology experiments. [AIAA PAPER 66-885] 03 p0513 A67-14020
The backscattering and extinction of visible and infrared radiation by selected major cloud models. 17 p2817 A67-33293
Manned meteorology experiments. 19 p3213 A67-34824
- CATON, R. L.
A maraging stainless for 800 to 1100 deg F service. 17 p2875 A67-33049
- CATT, I.
A high-speed integrated circuit scratchpad memory. 19 p3189 A67-36066
- CATTANI, D.
A theory on the creation of stellar magnetic fields. 06 p1089 A67-18773
- CATTERALL, J. A.
Magnetic investigations of the superconducting behaviour of sintered compacts of niobium and copper-niobium. 12 p1978 A67-25139
- CATTON, I.
Natural convection in horizontal liquid layers. 08 p1427 A67-21139
Effect of side walls on natural convection between horizontal plates heated from below. [ASME PAPER 67-HT-4] 20 p3544 A67-36703
Effect of a gravity gradient on free convection from a vertical plate. [AICHE PAPER 2] 20 p3552 A67-36825
Thermal instability in a spherical region heated from below. 22 p3918 A67-39715
- CATZ, P.
Direct method of showing the existence of extensive air showers due to primary photons /Sur une methode directe demontrant l'existence des grandes gerbes de l'air dues a des photons primaires/. 19 p3316 A67-35796
- CAUCHOIS, Y.
X-ray photography of the sun /Photographie du soleil en lumiere X/. 04 p0698 A67-14917
- CAUGHEY, T. K.
On the stability of the impact damper. 04 p0631 A67-15911
Stability of linear dynamic systems with narrow-band parametric excitation. [ASME PAPER 67-APM-24] 17 p2830 A67-33152
- CAUGHLAN, C. N.
The crystal and molecular structure of dichlorodiphenoxytitanium /IV/. 06 p0955 A67-17849
- CAULFIELD, H. J.
Apparent size and hue variations of a laser light spot. 09 p1515 A67-22373
Digital control of focal distances. 10 p1653 A67-22750
Birefringent beam splitting for holography. 17 p2864 A67-33359
Electro-optic three dimensional displays. 20 p3447 A67-36806
Holography of moving objects. 21 p3627 A67-38347
Local reference beam generation in holography. 24 p4158 A67-42819
- CAUSEY, C. N.
Mathematical models for loss measurements in thin permalloy films with ramp drives. 15 p2536 A67-29649
- CAUSE, J. P.
Electricity and telecommunications in vehicles moving in the space. II /L'electricite et les telecommunications dans les vehicules circulant dans l'espace. II/. 14 p2252 A67-28566
FR-1 satellite. 16 p2757 A67-30641
News about the Diademe 1 and 2 satellites /Nouvelles des satellites Diademe I et II/. 17 p2941 A67-32232
Space electronics in France /L'electronique spatiale en France/. 20 p3399 A67-36879
- CAUSE, R.
Damping of a barrier wake in an electrically conducting liquid subjected to a transverse magnetic field /Amortissement d'un sillage d'obstacle en liquide electroconducteur soumis a un champ magnetique transversal/. 16 p2723 A67-31714
- CAVALIERE, A.
Laminar hydromagnetic waves of finite amplitude in plasmas of low temperature. 22 p3852 A67-39990
Plasma irradiated in a magnetic field. 24 p4199 A67-43104
- CAVALLERI, R. J.
Shock structure with non-gray radiative transfer. 16 p2658 A67-30938
- CAVANAUGH, D. J.
Computer managed laboratory for space applications. [AIAA PAPER 67-957] 24 p4140 A67-43040
- CAVANAUGH, R. D.
Performance characteristics of an automatic platform tilt stabilization and vibration isolation system. [AIAA PAPER 67-543] 19 p3208 A67-35946
- CAVENY, L. H.
Influence of embedded metal fibers on solid-propellant burning rate. 05 p0872 A67-17215
Solid propellant burning along a tube heated by combustion gas influx. [AIAA PAPER 67-102] 06 p1074 A67-18282
Internal ballistics of slotted-tube, solid-propellant rocket motors. 11 p1852 A67-24352
Effect of acceleration on the burning rate of composite propellants. [AIAA PAPER 67-470] 18 p3157 A67-33940
Solid-propellant burning along a tube heated by combustion gas influx. 23 p4084 A67-41723
- CAVIN, R. K., III
Stability analysis methods for hybrid control systems. 22 p3778 A67-40157
- CAWLEY, M. L.
Concrete pavement performance at ten civil airports. 02 p0229 A67-11841
- CAWTHON, D. M.
The non-contour loss heat shield. 04 p0725 A67-15435
- CAYFORD, A. H.
An investigation of a fundamental intensity error in Fourier spectroscopy. 20 p3437 A67-36337
- CAZACU, M. D.
Hydrodynamic similarity concerning the ram effect /La similitude hydrodynamique concernant le phenomene du coup de Beller/. 20 p3419 A67-36190
- CAZIN, P.
Comparison of the effects of aerodynamic coefficients on the aeroelastic stability of an automatically piloted aircraft /Influences comparees des coefficients aerodynamiques sur la stabilite aeroelastique d'un avion

- pilote automatiquement/
[ONERA-TP-418] 05 p0751 A67-16483
- CECCARELLI, M.
Evidence for large-scale clustering of faint radio-sources. 14 p2383 A67-27958
- CECCHINI, G.
Results obtained by the International Latitude Service /Resultats obtenus par le Service International des Latitudes/. 23 p3997 A67-41349
- CECH, J.
Measuring techniques of a mobile test plant for jet engines /Merici technika pojizdne zkusebny proudovych motoru/. 04 p0594 A67-14413
- Methods and means of measurement in aircraft testing and service. I /Merici metody a prostredky leteckeho zkusebnictvi a provozu. I/. 09 p1501 A67-22454
- CECIL, O. B.
Property changes induced by electron beam exposure in various semiconductor and dielectric materials. 04 p0681 A67-15314
- CECIL, R. A.
Perfect thermodynamic vapor concept and application to the analysis of power conversion cycles. 07 p1268 A67-19367
- CEJKA, A.
A European point of view on recoverable and reusable spaceflight systems - Aerospace transporter. 15 p2566 A67-29829
- CELTANO, J. T.
Flight research program. 17 p2806 A67-31954
- VIII. Vibrophonocardiograph investigation and development study. 23 p3970 A67-41661
- CELIKOVSKY, K.
Data processing methods for experimental research on axial compressors /Metoda vyhodnocovani vysledku mereni pri experimentalnim vyzkumu axialnich kompresoru/. 09 p1438 A67-22456
- CELINSKI, Z.
The effect of cold, electrode boundary layers on the electrical characteristics of DC MHD generators. 11 p1746 A67-24874
- CELINSKI, Z. N.
Electrical parameters of the D.C. MHD generator with arbitrary connected electrodes. 04 p0553 A67-14475
- Electrical equivalent circuits of D.C. MHD generators. 08 p1286 A67-20738
- Electrical equivalent circuits of DC MHD generators. 09 p1471 A67-21796
- Effect of finite-length electrodes on electrical parameters in a D.C. MHD generator with electrodes connected in series. 16 p2600 A67-30532
- CELLI, V.
Magnetic impurities and superconductivity below the Kondo temperature. 21 p3680 A67-38350
- CELNIKER, L.
Impact of future aeronautical vehicles on development test facility planning. [AIAA PAPER 67-780] 24 p4139 A67-42947
- CENDELIN, J.
Modeling of dynamic systems on a digital computer /Modelovani dynamickych soustav na cislucovom pocitaci/. 22 p3764 A67-39336
- CENTER, R. E.
Measurement of shock-wave structure in helium-argon mixtures. 22 p3783 A67-39709
- CEPLECHA, Z.
Dynamic and photometric mass of meteors. 05 p0897 A67-16806
- Spectroscopic analysis of iron meteoroid radiation. 23 p4062 A67-40674
- CERADINI, G.
A maximum principle for the analysis of elastic-plastic systems. 11 p1876 A67-24622
- CERCIGNANI, C.
Scattering of waves by a medium with strong fluctuations of refractive index. 07 p1141 A67-19441
- Some results about a kinetic model with velocity-dependent collision frequency. 13 p2100 A67-26956
- Non-linear heat transfer between two parallel plates according to a model with correct Prandtl number. 13 p2223 A67-26960
- The problem of a cylinder rotating in a rarefied gas. 13 p2101 A67-26963
- Variational approach to rarefied flows in cylindrical and spherical geometry. 13 p2101 A67-26966
- Cylindrical Couette flow of a rarefied gas. 18 p3029 A67-34738
- CERESARA, C.
On the nature of recovery stage III in irradiated Al. 17 p2873 A67-32743
- CERESUELA, R.
Wind-tunnel study of a hypersonic reentry lifting body /Etude aerodynamique d'un corps de reentree portant en hypersonique/. 04 p0546 A67-14567
- Effectiveness and heating of control surfaces in the hypersonic regime /Efficacite et echauffement de gouvernes en hypersonique/. [ONERA-TP-365] 05 p0750 A67-17403
- The aerodynamic problems of the sounding-rocket vehicles. [ONERA-TP-441] 08 p1275 A67-20498
- CERINI, D. J.
Performance characteristics of a single-wavelength liquid-metal MHD induction generator with end-loss compensation. 12 p1897 A67-25375
- Theoretical and experimental investigation of liquid metal MHD power generation. 16 p2605 A67-30583
- CERISIER, J. C.
Approach to resonance of very low frequency waves by ionospheric propagation /Accessibilite par propagation aux resonances tres basse frequence dans l'ionosphere/. 20 p3427 A67-36372
- CERMAK, J. E.
Investigation of a turbulent radial wall jet. [ASME PAPER 67-APM-10] 17 p2838 A67-32419
- CERNEAU, S.
Application of Galerkin's method to the approximation of a periodic solution of a problem of singular perturbation /Methode de Galerkin appliquee a l'approximation d'une solution periodique d'un probleme de perturbation singuliere/. 11 p1819 A67-24762
- CERNUSCHI, F.
Theory of argon breakdown under the effect of laser radiation /Theorie du claquage de l'argon sous l'effet du rayonnement d'un laser/. 17 p2869 A67-32804
- CERTA, A. J.
Development of large-area 200-volt planar voltage-variable capacitance diodes. 09 p1475 A67-22207
- CERTAIN, P. R.
A single variable variational approximation for a perturbed Schroedinger equation. 20 p3479 A67-37600
- CERULLI, N. F.
Stability of selected submicron refractory dispersoids in tungsten. 01 p0097 A67-10699
- CERVENAK, J.
Dependence of the Hall constant, the electrical conductivity, and the Hall mobility on the thickness of thin semiconducting layers of InSb /Zavislosti Hallovej konstanty, elektrickej vodivosti a Hallovej pohyblivosti od hrubky u tenkych polovodivych vrstiev InSb/. 09 p1551 A67-21565
- CERVENAN, M. R.
Direct modulation of the He-Ne gas laser. 14 p2329 A67-27772
- CESARI, C.
Determination of the velocity distribution function from the second derivative of the probe current /Determination de la fonction de distribution de vitesse a partir de la derivee seconde du courant sonde/. 19 p3287 A67-34948
- CESS, R. D.
Radiation heat transfer. 01 p0166 A67-10378
- The interaction of thermal radiation with free convection heat transfer. 04 p0727 A67-15682
- The interaction of thermal radiation in boundary layer heat transfer. 04 p0737 A67-15666
- On the differential approximation in radiative transfer. 06 p1113 A67-18116
- CESSNA, L. C., JR.
Viscoelasticity and plasticity considerations in the fracture of glasslike high polymers. 22 p3824 A67-39740
- CETARUK, W. K.
Computer draws art work for strip-line devices. 03 p0383 A67-13790
- CEZAIRLIYAN, A.
Steady state temperature distribution in a disc with radial flow of electric current. 08 p1427 A67-20929
- CHABAN, A. A.
Ferroelectric effect in a laser beam. 08 p1336 A67-20315
- Self-focusing of light in the Kerr effect. 08 p1340 A67-21503
- CHABBAL, R.
The SIMAC - Its use with a photographic plate or an electronic camera /Le SIMAC - Utilisation avec une plaque photographique ou une camera electronique/. 20 p3439 A67-36350
- CHABOT, A.
Characteristics of a traveling-wave ruby single mode laser as a laser radar transmitter. 05 p0819 A67-16657
- CHACE, W. G.
Ionization processes in exploding wires as determined by X-ray studies. 19 p3261 A67-35161
- Changes in conductor shape during "wire explosions." 23 p4028 A67-41461
- CHACKERIAN, M. J.
The relation of oxygen toxicity to nutritional and hormonal factors. 23 p3956 A67-41632
- CHACON, R. V.
Change of velocity in flows. 06 p0983 A67-17860
- CHADDERTON, L. T.
Fission fragment damage in semiconducting layer-structures. 17 p2918 A67-32849
- CHADDOCK, R. E. V.
Localized modes of substitutional impurities in intermetallic compounds. 06 p1059 A67-18910
- CHADEEV, V. M.
Adaptive models of plants. 15 p2464 A67-30341
- CHADWICK, V. J.
A method of using wall attachment devices in an ultrasensitive mode. 08 p1282 A67-20463
- CHADWICK, W. R.
Flight dynamics of a bomb with cruciform tail. 15 p2416 A67-29428
- Dynamic stability of a 5-in. projectile with nonlinear Magnus moment. 21 p3563 A67-37805
- CHAEVSKII, E. V.
Energy characteristics of the field scattered by a rough surface. 08 p1294 A67-20820
- Reflection of a plane electromagnetic wave from a rough surface /Otrazhenie ploskoi elektromagnitnoi volny ot sherokhovatoi ploskosti/. 21 p3580 A67-38115
- CHAEVSKII, M. I.
The role of impurities in reactions between liquid alloys and solid metals undergoing deformation. 06 p1017 A67-17951
- CHAFARIS, G. J.
Advanced recording and display technology. 20 p3449 A67-36984
- CHAFFEE, N. H.
Manned spacecraft center's experience with vacuum-ignition phenomena in bipropellant reaction control engines. [AIAA PAPER 67-514] 18 p3114 A67-33977
- CHAFFEE, R. R. J.
Cellular biochemistry and organ mass of cold-and heat-acclimated monkeys. 04 p0560 A67-14582
- CHAGNON, C. W.
Daytime variations in the composition of the upper atmosphere. 17 p2843 A67-32535
- CHAHINE, M. T.
On the solution of the Boltzmann equation for a two-dimensional gas. 13 p2103 A67-26975
- CHAI, A.-T.
Self-broadening effects in the infrared bands of gases. 10 p1678 A67-22715
- CHAIANOVA, E. A.
Theory of the nephelometric method for measuring the transparency and the structure of atmospheric aerosols /Teoriia nefelometricheskogo metoda izmereniia prozrachnosti i struktura atmosfernogo aerizola/. 13 p2151 A67-26685
- CHAIKA, G. E.
Noise suppression by a space charge in a forward-biased p-n junction /Podavlenie shumov prostanstvennym zariadom v priamomeshchennom p-n-perekhode/. 15 p2543 A67-30252
- CHAIKA, I. U. D.
Effect of initial saturation in alloy-type transistors at high injection levels /Effekt nachalnogo nasyscheniia v splavnykh tranzistorakh pri vysokikh urovniakh in'ektsii/. 02 p0215 A67-11977
- Distribution of excess carriers in the base of p-n junction transistors at high levels of injection /Raspreделение избыточных носителей в базе splavnykh tranzistorov pri vysokikh urovniakh in'ektsii/. 03 p0378 A67-13244
- CHAIKA, M. P.
The output power of a gas laser using

- nearly confocal resonators. 03 p0438 A67-14190
- CHAIKOVSKII, V. I.**
Statistical characteristics of a normalized Fourier transform of a sampling function of a steady-state random process. 02 p0224 A67-11901
- CHAKRABORTI, B.**
Nonlinear effects during the propagation of transverse waves in a homogeneous infinite plasma /Nelineynye efekty pro rasprostraneni poperechnykh voln v odnorodnoi neogranichennoi plazme/. 23 p4030 A67-40597
- CHAKRABORTY, B. B.**
Some stability problems. 03 p0481 A67-13731
Hydromagnetic flow past bodies. 03 p0482 A67-13743
Stability of a gravitating fluid layer of uniform thickness in the presence of Coriolis force and a magnetic field. 03 p0482 A67-13744
- CHAKRABORTY, D.**
Characteristics of varactor diodes at low temperatures. 09 p1471 A67-21827
- CHAKRABORTI, B.**
Interrelation of a longitudinal surface wave and transverse waves at the plasma boundary /Vzaimootnosheniya prodol'noi, poperechnoi i poperechnykh voln na granitse plazmy/. 04 p0663 A67-14744
- CHAKRAVERTY, B. K.**
Diffusion widening of p-n junctions in semiconductors. 15 p2535 A67-29488
- CHALAI, V. G.**
Determining the electron-hole pair energy in CdS and CdSe single crystals /Ob opredelenii energii pary elektron-dyrka v monokristallakh CdS i CdSe/. 03 p0490 A67-13155
Determination of the energy of an electron-hole pair in CdS and CdSe single crystals. 10 p1690 A67-23103
Measurement of the temperature-dependence of the mobility of carriers produced by X radiation in CdS single crystals /Izmerenie temperaturnoi zavisimosti podvizhnosti nositelei, sozdannykh rentgenovskim izlucheniem, v monokristallakh CdS/. 14 p2367 A67-28525
Measurement of the temperature dependence of the mobility of carriers generated by X-ray irradiation of CdS. 23 p4039 A67-40932
- CHALDYSHEV, V. A.**
Calculation of the gallium arsenide band structure by the pseudopotential method /Raschet zonnol struktury arsenida gallia po metodu psevdopotsentsiala/. 01 p0136 A67-11054
- CHALFANT, C. P.**
Development of the Aerobee 350 sounding rocket. 08 p1404 A67-20496
Development of the Aerobee 350 sounding rocket. 22 p3904 A67-40090
- CHALFANT, J. R.**
A new approach to nonlinear chemical reaction rate equations. 15 p2434 A67-30023
- CHALIER, J.**
Solutions to milling and cutting problems in the aeronautical industry /Solutions aux problemes de fraiseage et de taillage dans l'industrie aeronautique/. 03 p0427 A67-13024
- CHALK, G. O.**
A 500 kw travelling wave tube for X-band. 09 p1478 A67-22255
- CHALLINOR, R. A.**
Observations on the propagation constant of the earth-ionosphere waveguide in the frequency band 8 c/s to 16 kc/s. 05 p0760 A67-16001
The phase velocity and attenuation of audio-frequency electromagnetic waves from simultaneous observations of atmospheric at two spaced stations. 16 p2629 A67-31508
The interpretation of recently-measured propagation constants for audio-frequency electromagnetic waves in terms of model ionosphere profiles. 20 p3426 A67-36288
- CHALMERS, J. A.**
The theory of the electrode effect. III - Restriction of assumptions. 01 p0107 A67-10118
- CHALMERS, P. M.**
A 500 kw travelling wave tube for X-band. 09 p1478 A67-22255
- CHALMETON, V.**
Light emission by a gas under the action of an intense laser emission /Emission de lumiere par un gaz sous l'effet d'un rayonnement laser intense/. 09 p1516 A67-22583
Experimental analysis of laser induced gas discharges. 19 p3239 A67-35163
- CHALOUPEK, P.**
Position of the cosmic equator in the zero meridian region /Polozhenie kosmicheskogo ekvatora v oblasti nulevogo meridiana/. 01 p0149 A67-10738
- CHALYKH, N. D.**
Greater attention to jet propellant purity /Bol'she vnimaniia chistote reaktivnykh topliv/. 07 p1239 A67-19210
- CHAMARAUX, P.**
Calculation of the neutral sodium lines in the solar spectrum without the hypothesis of local thermodynamic equilibrium /Calcul des raies du sodium neutre dans le spectre solaire sans l'hypothese de l'equilibre thermodynamique local/. 10 p1704 A67-22885
- CHAMBADAL, P.**
Application of the entropy concept to analysis of gas turbine functioning /Application de la notion d'entropie a l'analyse du fonctionnement des turbines a gaz/. 05 p0873 A67-16742
Applications of the concept of entropy to the theory of fuel cells /Applications de la notion d'entropie a la theorie des piles a combustible/. 14 p2252 A67-29018
- CHAMBERLAIN, B.**
Chemical interactions involved in the formation of oxidation-resistant solid lubricant composites. [ASLE PAPER 67-LC-6] 24 p4164 A67-42745
- CHAMBERLAIN, J. E.**
The spectral transmission at infra-red wavelengths of Michelson interferometers with dielectric film beam-dividers. 06 p1005 A67-18716
- CHAMBERLAIN, J. K.**
Compatibility of satellite and terrestrial communication systems. 09 p1464 A67-22411
- CHAMBERLAIN, J. W.**
Rate of evaporation of a non-Maxwellian atmosphere. 24 p4224 A67-41823
- CHAMBERLIN, J. A.**
Orbital space station design for permanent residence. [AIAA PAPER 66-936] 03 p0520 A67-14138
Space-station design for permanent residence. 09 p1572 A67-22673
- CHAMBERS, G. H.**
A seven year follow-up X-ray survey for bone changes in low pressure chamber operators. 23 p3957 A67-41641
- CHAMBERS, G. R.**
Requirements for U.S. international telecommunications through 1975. 14 p2272 A67-28704
- CHAMBERS, R. W.**
An electronic system for measuring human information retrieval in bisensory configuration. 20 p3419 A67-37639
- CHAMBRE, P. L.**
On the time-dependent Leveque problem. 10 p1732 A67-22727
- CHAMOW, M. F.**
Some precepts of reliable electronic design. 01 p0083 A67-11348
- CHAMPAGNE, E. B.**
Optimization of optical systems. 02 p0243 A67-12056
Nonparaxial imaging, magnification, and aberration properties in holography. 09 p1496 A67-21707
- CHAMPAGNE, F. H.**
Turbulence measurements with inclined hot-wires. I. 13 p2222 A67-26913
Turbulence measurements with inclined hot-wires. II. 13 p2095 A67-26914
- CHAMPIER, G.**
Topographic X-ray study of the deformation in tension of a silicon crystal /Etude par topographie aux rayons X de la deformation par traction d'un cristal de silicium/. 03 p0493 A67-13452
Dynamics of the beryllium lattice /Dynamique du beryllium/. 13 p2137 A67-27109
- CHAMPION, K. S. W.**
Falling sphere measurements of atmospheric density, temperature and pressure at Fort Churchill, Canada and Eglin, Florida. 10 p1639 A67-23205
Variations with season and latitude of density, temperature and composition in the lower thermosphere. 10 p1639 A67-23210
Model atmospheres of the thermosphere. 10 p1640 A67-23217
High-altitude rocket density measurements at Eglin AFB, Florida. 12 p1937 A67-25837
Physical properties of the lower thermosphere. 19 p3215 A67-35171
Recent density, temperature and pressure results obtained at White Sands Missile Range compared with IQSY results. 19 p3218 A67-35219
- CHAMPION, R. J. B.**
A three-cavity refractometer and associated telemetry equipment. 01 p0025 A67-10816
- CHAMPION, R. L.**
Collision-induced dissociation of D sub 2 super plus ions by argon and nitrogen. 05 p0848 A67-16834
Energetic and angular studies of ArD super plus and N sub 2 D super plus formation. 05 p0848 A67-16835
Experimental investigations of ion-molecule reactions of D sub 2 super plus with D sub 2 and H sub 2. 18 p3083 A67-34521
- CHAMPNESS, C. H.**
Electron transport and thermoelectric properties of n-type Bi sub 1.75 Sb sub 0.25 Te sub 3. 03 p0501 A67-14350
- CHAMPONNOIS, G.**
136-MHz transmitter of the "A1" satellite /L'emetteur a 136 MHz du satellite "A 1"/. 07 p1151 A67-19523
- CHAN, K. L.**
On the topside ionosphere over the American continents. [RASSA PAPER 1-10-132] 03 p0417 A67-14243
- CHAN, K. S.**
Simulation of radiant heat transfer. 15 p2579 A67-29323
- CHAN, S. P.**
Topology cuts design drudgery. 03 p0389 A67-12963
Topology - A shortcut to understanding systems. 22 p3778 A67-40556
A modification of the Coates gain formula for the analysis of linear systems. 23 p3984 A67-40649
- CHANAL, D.**
Optical constants of seven ionic crystals at low temperature in the far infrared - Difference process - Role of impurities /Constantes optiques de sept cristaux ioniques a basse temperature dans l'infrarouge lointain - Processus de difference - Role des impuretes/. 14 p2374 A67-28986
- CHANBARISOV, V. SH.**
Oscillations of optical absorption in CdS, occurring in strong electrical fields /Ostislitsii opticheskogo pogloshcheniia v CdS, voznikaushchie v sil'nykh elektricheskikh poliax/. 01 p0127 A67-10070
Oscillations of the optical absorption in CdS appearing in strong electric fields. 08 p1371 A67-21453
- CHAND, P.**
Dynamics of coherent states. 17 p2870 A67-33316
- CHANDIRAMANI, K. L.**
Some first-passage problems in random vibration. 04 p0659 A67-15932
- CHANDLER, B.**
Nonairbreathing internal combustion engine. 24 p4107 A67-42533
- CHANDLER, C. E.**
Lunar surface mechanical properties - Surveyor 1. 08 p1386 A67-20942
The design and use of the surface sampler on the lunar spacecraft Surveyor III. 23 p4005 A67-41370
- CHANDLER, D. C.**
Adaptive guidance for Saturn vehicles. 02 p0264 A67-12318
Optimization problems caused by interaction of guidance and propellant systems. [AAS PAPER 66-117] 07 p1222 A67-19975
Optimization problems caused by interaction of guidance and propellant systems. [AAS PAPER 66-117] 13 p2155 A67-27532
Development of the iterative guidance mode with its application to various vehicles and missions. 17 p2881 A67-32058
Iterative guidance applied to generalized missions. [AIAA PAPER 67-620] 19 p3260 A67-36009
- CHANDLER, D. P.**
Non-hardware aspects of space navigation. 19 p3187 A67-35858
- CHANDRA SRIVASTAVA, A.**
Thermal boundary layer in second-order fluids. 19 p3210 A67-35447

- CHANDRA, D. P.
Pontragin's maximum principle in the theory of optimal hereditary processes with a constant time lag and constant parameters /Printip maksimuma Pontriagina v teorii optimal'nykh protsessov s nasledstvennost'iu, postolannym zapazdyvaniem i parametrami/. 20 p3412 A67-37583
- CHANDRA, N.
Degree of coherence of an extended source. 01 p0091 A67-11227
- CHANDRA, S.
Geomagnetic and solar control of ionization at 1000 km. 10 p1650 A67-23339
Solar and geomagnetic effects on upper atmospheric temperature. 14 p2314 A67-29027
- CHANDRASEKHAR, B. S.
Oscillatory magnetostriction in n-gallium antimonide. 02 p0296 A67-11819
- CHANDRASEKHAR, S.
The post-Newtonian effects of general relativity on the equilibrium of uniformly rotating bodies. II. 08 p1354 A67-21245
On a post-Galilean transformation appropriate to the post-Newtonian theory of Einstein, Infeld and Hoffmann. 12 p1965 A67-25125
- CHANEY, L.
The merits and shortcomings of a Michelson type interferometer to obtain the vertical temperature and humidity profile. 02 p0246 A67-12365
- CHANG, C. C.
Secondary scattering of low energy electrons by rows of atoms. 03 p0496 A67-13648
Gas-core nuclear rocket fluid mechanics experiments at Catholic University of America. [AIAA PAPER 67-502] 18 p3076 A67-33966
Oxidation of the /112/ face of tungsten. 19 p3246 A67-35786
Study of current-sheet in coaxial plasma accelerator. [AIAA PAPER 67-658] 21 p3671 A67-38694
- CHANG, C. H.
On the solution of conical shells of linearly varying thickness subjected to lateral normal loads. 09 p1573 A67-21754
An asymptotic solution of conical shells of constant thickness. 23 p4080 A67-41727
- CHANG, C. S.
Synthesis of structural damping. 10 p1727 A67-23751
- CHANG, C. T.
Remarks concerning the rate of thermal ionization of hydrogen behind a strong shock. 19 p3292 A67-35394
- CHANG, D. B.
Interaction of plasmons. 05 p0858 A67-17434
Finite-beta resistive instabilities of magnetospheric tails. 07 p1244 A67-19923
- CHANG, D. C.
On the electrically thick cylindrical antenna. 23 p3980 A67-41206
- CHANG, D. M.
Direct observation of the drift velocity as a function of the electric field in gallium arsenide. 02 p0253 A67-12504
- CHANG, E. S.
Modified optical-potential approach to low-energy electron-helium scattering. 03 p0471 A67-13318
- CHANG, H.
The determination of thermal diffusivities of thermal energy storage materials. I. [ASME PAPER 66-WA/ENER-5] 22 p3919 A67-40349
- CHANG, H.-C.
Detection of ultraviolet radiation using silicon carbide p-n junctions. 21 p3591 A67-38156
- CHANG, I.-D.
Drag on a cylinder between parallel walls in Stokes' flow. 08 p1323 A67-21390
- CHANG, K. K. N.
High-power, high-efficiency silicon avalanche diodes at ultra high frequencies. 13 p2076 A67-26519
- CHANG, K. W.
The existence of forced periodic solutions for second order differential equations. 12 p1962 A67-26184
- CHANG, K.-H.
A differential D.C. amplifier with ultra high input impedance. 05 p0773 A67-16512
- CHANG, L. K.
Thermal buckling of conical shells. [AIAA PAPER 67-112] 06 p1103 A67-18355
Thermal buckling of conical shells. [AIAA PAPER 67-112] 21 p3728 A67-38873
- CHANG, L. L.
Orientation dependence of surface charge on anodized InSb. 05 p0869 A67-17093
Electron barriers in Al-Al sub 2 O sub 3 -SnTe and Al-Al sub 2 O sub 3 -GeTe junctions. 07 p1155 A67-19893
- CHANG, L. L. Y.
High-temperature, condensed-phase equilibria in the system Ti-W-O. 06 p1018 A67-18371
- CHANG, L.-P.
Influence of magnetic field on surface field-effect in germanium. 15 p2533 A67-29263
- CHANG, N. C.
Two-photon stepwise absorption in Er super 3 super plus doped salts. 13 p2177 A67-27013
Design considerations of multiple laser communication links between a synchronous satellite and several earth stations. 17 p2813 A67-32495
- CHANG, P.
Characteristics of a family of diagonal conducting wall MHD generators. 12 p1898 A67-25381
- CHANG, R. F.
Photon bunching in a laser at threshold. 20 p3461 A67-37289
- CHANG, R. K.
Effects of internal induced absorption on laser emission. 24 p4168 A67-42370
- CHANG, R. W.
Precoding for multiple-speed data transmission. 24 p4121 A67-42342
- CHANG, S. S. L.
Spatial spectral density functions. 09 p1462 A67-21605
Discrete systems and digital computer control. 15 p2441 A67-30266
Optimum filtering and control of randomly-sampled systems. 16 p2651 A67-31683
- CHANG, S.-C.
On liquid sloshing in a cylindrical tank with a flexible bottom. 22 p3787 A67-40179
- CHANG, T. H. P.
Electron beam induced potential contrast on unbiased planar transistors. 17 p2823 A67-32197
- CHANG, T. S.
Hydromagnetic stability of dissipative flow between rotating permeable cylinders. I. 06 p1040 A67-18129
- CHANG, T. Y.
Investigation of flute instability with an alkali-metal plasma. 11 p1830 A67-24004
Flute oscillations in bounded plasmas and the effect of incoherently precessing ions. 14 p2360 A67-28555
- CHANG, W. F.
Stress concentrations around shaped holes. 15 p2577 A67-30268
- CHANG, W. H.
Prevention of molybdenum alloy ingot cracking by capping. 02 p0248 A67-12704
- CHANG, Y. F.
The capacitance of p-n junctions. 11 p1759 A67-24136
The conduction-diffusion theory of semiconductor junctions. 11 p1849 A67-24904
- CHANG, Y.-H.
The impurity energy levels in semiconductors. 07 p1230 A67-19060
- CHANG, Y.-P.
A potential treatment of energy transfer by conduction, radiation, and convection. 12 p2035 A67-25926
- CHANG, Z.-K.
Pulsed electrodeless discharge as a light source for laser excitation and observation of the characteristics of laser output. 10 p1686 A67-23565
- CHANNAPRAGADA, R. S.
Mixing, ignition, and combustion analysis of air augmented solid rockets with boron particles. [AIAA PAPER 67-481] 18 p3158 A67-33950
- CHANNING, D. A.
Generation of U.V. radiation from a Nd-glass laser by frequency multiplication in ADP. 06 p1011 A67-18712
- CHANNON, S. L.
Status of reentry vehicle heatshields. 10 p1672 A67-23721
- CHANTREAU, J.
Ion source using electron bombardment of the Nier type without an auxiliary magnetic source field - Study of the optimal operating conditions of the electron-accelerating system /Source d'ions a bombardement electronique de type Nier sans champ magnetique auxiliaire de source - Etude des conditions optimales de fonctionnement du systeme accelerateur d'electrons/. 22 p3847 A67-39641
- CHANTRY, G. W.
The spectral transmission at infra-red wavelengths of Michelson interferometers with dielectric film beam-dividers. 06 p1005 A67-18716
- CHANTRY, P. J.
Theory of electron collision experiments at intermediate and high gas densities. 04 p0662 A67-15769
Kinetic-energy distribution of negative ions formed by dissociative attachment and the measurement of the electron affinity of oxygen. 14 p2350 A67-28151
- CHANUT
Role of LRBA in the "Diamant" program /Le role du L.R.B.A. dans le programme "Diamant"/. 07 p1131 A67-19520
- CHAO, F.-C.
Fatty acid synthetase of Saccharomyces cerevisiae. 19 p3178 A67-35873
- CHAO, H.
Uncoupling method for diagonal-band-matrix equation. 20 p3476 A67-36675
- CHAO, J. L.
Evaluation of the momentum equation for a turbulent wall jet. 05 p0792 A67-16819
- CHAPANIS, A.
Tests of ten control-display linkages. 18 p2993 A67-34338
- CHAPELLE, J.
Continuous absorption and emission spectra of a plasma jet in the 60-30,000 cm super -1 spectral range /Nepriyvnyi spektr pogloshchenia i ispuskania plazmennoi strui v spektral'noi oblasti 60-30,000 cm super -1/. 17 p2893 A67-32144
- CHAPIN, J. W.
Mariner IV space data automation system /SDAS/ computer reliability. 05 p0777 A67-17254
- CHAPKIS, R. L.
A conformal mapping approach to the blunt body problem. 23 p3932 A67-41730
- CHAPLIK, A. V.
Theory of formation of negative ions during slow collisions of atoms /K teorii obrazovaniia otritsatel'nykh ionov pri medlennykh atomnykh stolkoveniakh/. 14 p2352 A67-29073
Superconductivity at the contact region of two media. 20 p3512 A67-37434
- CHAPMAN, A. J.
Analytical solution of the "known-heat-load" space radiator problem. 08 p1429 A67-21511
Heat Transfer /2nd Edition/. 14 p2404 A67-27792
- CHAPMAN, C. R.
A critique of methods for analysis of the diameter-frequency relation for craters with special application to the moon. 08 p1385 A67-20932
- CHAPMAN, D. R.
Critique of "cometary impact and the origin of tektites." 14 p2390 A67-28889
Comparison of Macedon and Darwin glass. 24 p4233 A67-42615
- CHAPMAN, F. W.
Observations on the propagation constant of the earth-ionosphere waveguide in the frequency band 8 c/s to 16 kc/s. 05 p0760 A67-16001
- CHAPMAN, G. T.
Heat transfer in the stagnation-point laminar boundary layer with mass transfer and radiant energy absorption. 16 p2658 A67-30941
- CHAPMAN, J. W.
An experimental investigation of the field alignment of ionospheric irregularities. 22 p3788 A67-39468
- CHAPMAN, P. W.
Electron mobility in semiconducting strontium titanate. 13 p2180 A67-27160
- CHAPMAN, S.
The computation of the magnetic field of any axisymmetric current distribution - With magnetospheric applications. 04 p0617 A67-15535
The normality of the SD variation at Huancayo and the asymmetry of the main phase of geomagnetic storms. 08 p1327 A67-21373
A systematic shift of the DS axis. 16 p2666 A67-31412
History of aurora and airglow. 18 p3032 A67-33579

- The significance of the multiple structure of the auroral arc. 18 p3035 A67-33598
Solar emissions and magnetic-auroral storms on the earth. 21 p3620 A67-38978
- CHAPLIN, V. A.**
Optical absorption, photoconductivity and p-n junctions in cadmium telluride. 08 p1368 A67-20734
- CHAPOROVA, I. N.**
Preparation and properties of carbides /Ti, W, Cr/C. 16 p2691 A67-31587
- CHAPOTON, C. W.**
Deep-space optical communications. [AIAA PAPER 66-317] 06 p0961 A67-17706
- CHAPPAZ, G.**
Energy aspect of forced solutions of a Van der Pol system /Aspect energetique des solutions forcees d'un systeme de Van der Pol/. 23 p4026 A67-40688
- CHAPPELL, J. R.**
Turbulent boundary layers in diffusers exhibiting partial stall. [ASME PAPER 66-WA/FE-14] 23 p3989 A67-40929
- CHAPPELL, R. N.**
A statistical service life prediction based on propellant grain structural integrity for the Minuteman third stage motor. 15 p2547 A67-29996
- CHAPPELL, W. R.**
Kinetic theory of quantum plasma and radiation in an external magnetic field. 04 p0672 A67-15770
- CHAPPELLE, E. W.**
Prevention of protein denaturation during exposure to sterilization temperatures. 10 p1597 A67-22928
- CHAPPERT, J.**
Fe super 1 super plus and Fe super 2 super plus hyperfine fields in MgO and CaO. 20 p3506 A67-38211
- CHAPPEY, M.**
Design principles of high-frequency transistors /Principe de realisation des transistors haute frequence/. 20 p3396 A67-36493
- CHAPURSKIL, L. I.**
Experimental studies of the spectral brightness characteristics of clouds, the atmosphere, and the underlying surface in the wavelength range from 0.3 to 2.5 μ /Eksperimental'nye issledovaniia spektral'nykh larkostnykh kharakteristik oblakov, atmosfery i podstilaushcheli poverkhnosti v intervale dlin voln 0.3-2.5 μ k/. 18 p3073 A67-33563
- CHARAKHCHIAN, A. N.**
Concerning production of cosmic rays by the sun and propagation of the rays in interplanetary space. 02 p0310 A67-12572
Measurements of cosmic ray intensity in the stratosphere above the Arctic and Antarctic. 02 p0310 A67-12573
Some data on the 27-day variation in the intensity of cosmic rays in the stratosphere. 02 p0311 A67-12591
Secular variations in the intensity of cosmic rays in the stratosphere during the years 1962 to 1964. 02 p0311 A67-12595
Modulation of galactic cosmic rays in interplanetary space /Modulatsiia galakticheskikh kosmicheskikh luchei v mezhplanetnom prostranstve/. 05 p0877 A67-16083
Space and time characteristics of electron fluxes, penetrating into the earth's atmosphere in the auroral zone, based on riometer measurements in the stratosphere /O prostranstvennykh i vremennykh kharakteristikakh elektronnykh potokov, vtorgalushchikhsia v atmosferu zemli v avral'noi zone, po izmereniam na riometre i v stratosfere/. 05 p0879 A67-16101
Sporadic cyclic variations of cosmic-ray intensity and solar activity /Sporadicheskie tsiklicheskie variatsii intensivnosti kosmicheskikh luchei i solnechnaia aktivnost'/. 05 p0879 A67-16103
Study of the variations of the energy spectrum of the primary cosmic-ray component according to stratospheric data /Issledovanie variatsii energeticheskogo spektra pervichnoi komponenty kosmicheskikh luchei po dannym v stratosfere/. 05 p0879 A67-16104
Solar cosmic rays of September 21 and 26, 1963. 07 p1243 A67-19698
Secular variations of cosmic-ray intensity and the 11-year solar activity cycle. 12 p1994 A67-25532
An interesting case in the fluctuation of cosmic-ray intensity in the stratosphere on December 3, 1964. 12 p1994 A67-25542
Studies of magnetic inhomogeneities in interplanetary space using solar and galactic cosmic ray measurements. 19 p3325 A67-35493
Intensities of the primary and secondary cosmic-ray components in near-earth space /Intensivnosti pervichnoi i vtorichnoi komponent kosmicheskikh luchei v okolozemnom prostranstve/. 23 p4055 A67-41098
Changes in the energy spectrum of galactic cosmic rays during the 11-year solar-activity cycle /Izmenenie energeticheskogo spektra galakticheskikh kosmicheskikh luchei v period 11-letnogo tsikla solnechnoi aktivnosti/. 23 p4055 A67-41103
Secular modulation of the cosmic-ray intensity in interplanetary space /Vekoval modularatsiia intensivnosti kosmicheskikh luchei v mezhplanetnom prostranstve/. 23 p4057 A67-41117
Modulation of galactic cosmic rays in interplanetary space. 24 p4212 A67-42759
Regarding the spatial and time characteristics of the electron streams entering the earth's atmosphere in the auroral zone, as indicated by riometer readings and measurements in the stratosphere. 24 p4213 A67-42777
Sporadic cyclic variations of cosmic ray intensity and the level of solar activity. 24 p4213 A67-42779
Investigation of the variation of the energy spectrum of the primary component of cosmic rays on the basis of stratospheric data. 24 p4213 A67-42780
- CHARBONNIER, F. M.**
Recent progress in compact flash X-ray systems. 02 p0245 A67-12215
Energy exchanges attending field electron emission. 03 p0472 A67-13329
An electron accelerator with a peak beam power of 10 super 10 watts. 04 p0599 A67-15327
- CHARLES, F. J.**
A model distribution for the phase error in second-order phase-locked loops. [JPL-TR-32-1017] 01 p0026 A67-10865
- CHARLES, M. E.**
Limiting values of the Nusselt number for heat transfer to the pipeline flow of non-Newtonian fluids with arbitrary internal heat generation. [AIChE PAPER 12] 20 p3552 A67-36828
- CHARLET, G.**
Possibilities for the use of ultrasounds for stress measurement /Possibilites d'emploi des ultrasounds pour la mesure des contraintes/. 20 p3537 A67-36475
- CHARLIP, S.**
Bipolar nickel-cadmium cells for high-energy pulses. 19 p3175 A67-34803
- CHARLOT, L. A.**
High temperature corrosion and evaporation of Haynes 25 and Hastelloy X-280. 14 p2336 A67-28148
- CHARLTON, T.**
Optimizing gain of parabolic antennas. 10 p1613 A67-23413
- CHARMAN, W. N.**
Radio pulses from extensive air showers. 07 p1242 A67-19619
Atmospheric electric field as a possible cause of radio pulses from extensive air showers. 19 p3316 A67-35803
- CHARPENET, L.**
Study of the effect of ultrasounds on the combustion of a liquid hydrocarbon jet /Etude de l'effet des ultra-sons sur la combustion d'un jet d'hydrocarbures liquides/. 01 p0187 A67-10942
- CHARRAUDEAU, J.**
Influence of viscosity variations on the coefficients of friction and heat transfer at the wall in a laminar two-dimensional boundary layer of constant volume mass /Influence des variations de viscosite sur les coefficients de frottement et de transfert de chaleur parietaux dans une couche limite laminaire bidimensionnelle a masse volumique constante/. 09 p1490 A67-22547
- CHARTERS, A. C.**
Impact physics, meteoroids, and spacecraft structures. 04 p0705 A67-15000
- CHARTIER, C.**
Device for measuring potential fluctuations in a turbulent flow /Dispositif de mesure de fluctuations de potentiel dans un ecoulement turbulent/. 09 p1501 A67-22562
Voltage fluctuations produced by turbulence at the liquid-metal contact /Fluctuations de potentiel produites par turbulence au contact liquide-metal/. 09 p1490 A67-22576
- CHARTRES, B. A.**
Computable error bounds for direct solution of linear equations. 07 p1149 A67-20197
- CHARVIER, H.**
Millimeter radiometry to effect measurements of the temperatures of the stratosphere /Radiometrie millimetrique destinee a la mesure des temperatures de la stratosphere/. 21 p3584 A67-38669
- CHARWAT, A. F.**
Supersonic interference flow along the corner of intersecting wedges. [AIAA PAPER 66-128] 08 p1276 A67-20564
Effect of the boundary-layer profile at separation on the evolution of a wake. 14 p2297 A67-28129
Base wakes in accelerated supersonic free streams. 16 p2592 A67-30951
- CHASE, C. E.**
Ultrasonic velocity and dispersion in liquid helium II from 0.15 to 1.8 deg K. 17 p2886 A67-33231
- CHASE, E. M., JR.**
Design objectives for tomorrow's escape systems. 17 p2795 A67-32002
- CHASE, G. A.**
Independence of changes in functional and performance capacities attending prolonged bed rest. 05 p0755 A67-16283
- CHASE, V. A.**
Metallic filaments and their composites. 03 p0443 A67-13408
- CHASEK, N. E.**
System characteristics of tunnel diode amplifiers /Caracteristiques de systemes amplificateurs a diode tunnel/. 09 p1481 A67-22479
- CHASEN, S. H.**
On-line systems and man-computer graphics. 11 p1756 A67-24249
- CHASHECHKIN, I. U. D.**
Effect of multiply charged impurity ions on the temperature of a deuterium plasma /O vliiani primesi mnogozarladnykh ionov na temperatura deiterievol plazmy/. 19 p3287 A67-35357
- CHASHKIN, I. U. R.**
Specific heat of nitrogen near the critical point. 03 p0532 A67-12929

CHASLAIN, C.

Reception of time signals on kilometer waves. II /Reception de signaux horaires sur ondes kilométriques. II/. 11 p1792 A67-24782

CHASNIKOV, I. IA.

Certain specific features of inelastic pN collisions for a 17 GeV/c momentum /Nekotorye osobennosti pN-neuprugikh soudarenii pri impul'se 17 GeV/c/. 24 p4192 A67-42853

CHASOVITIN, IU. K.

Characteristics of the sporadic E layer as a function of the technical parameters of an ionospheric station. 07 p1173 A67-19689

CHASSAING, J. P.

Surveillance of solar activity based on optical observations of satellites /Surveillance de l'activité solaire à partir des observations optiques de satellites/. 10 p1606 A67-23222

CHASSON, R. L.

Atmospheric water vapor and attenuation of the cosmic-ray nucleonic component. 03 p0505 A67-12958

CHASTEEN, J. R.

Multiple correlation applications in design analysis. 05 p0777 A67-17249

CHATANIER, M.

Linear autodyne circuit /Montage autodyne lineaire/. 19 p3202 A67-35791

CHATELIER

Weightlessness and french experiments in space biology /La non pesanteur et les expériences biologiques spatiales Françaises/. 03 p0364 A67-13927

Psychomotor reactions among primates put into ballistic flight in rockets /Reactions psychomotrices chez des primates places en vol balistique en fusées/. 19 p3178 A67-35241

CHATELIER, G.

The effect of weightlessness on the vigilance function in the course of space flights /La part de l'absence de pesanteur dans les processus de vigilance au cours des vols cosmonautes/. 15 p2425 A67-29103

CHATTERJEE, P. K.

Optimised delta-delta modulation system. 17 p2812 A67-32319

CHAU, H. H. M.

Zone plate theory based on holography. 07 p1185 A67-19401
Holographic moiré patterns - Their application to flow visualization in aerodynamics. 19 p3232 A67-35699

CHAU, N. N.

Internal modulation of gas laser at 100 and 4000 MHz /Modulation interne du laser à gaz à 100 MHz et 4000 MHz/. 09 p1514 A67-22269

CHAU, W.-Y.

Gravitational radiation from neutron stars. 09 p1562 A67-22227

CHAUDHARI, P.

Effects of irradiation with protons on the electrical properties of Bi sub 2 Te sub 3. 02 p0298 A67-11882
Defects in the compound Bi sub 2 Te sub 3 caused by irradiation with protons. 17 p2921 A67-33050

CHAUDHRY, H. R.

Small twist superposed on non-uniform large extensions in a circular sheet. 07 p1263 A67-19730

CHAUDHURI, P. K.

Travelling wave infra-red and sub-mm wave modulation using free carrier absorption in reverse-biased p-n junction diodes. 11 p1759 A67-24137

CHAUMERON, J.

Utilization of satellites on a European scale for the distribution and broadcasting of television programs /Utilisation de satellites à l'échelle Européenne pour la distribution et la diffusion de programmes de télévision/. 01 p0027 A67-11417

Broadcasting of television programs by satellites /La diffusion de programmes de télévision par satellites/. 06 p0956 A67-17560
Structure of satellite transponders and multiple-access techniques /Structure des répéteurs de satellites et techniques d'accès multiple/. 18 p3003 A67-34356

CHAVDAROV, S. S.

Stability of reflections from the sporadic E-layer and solar activity. 07 p1174 A67-19704
Stability of reflections from the sporadic E layer and radio wave absorption during the solar cycle. 12 p1933 A67-25544
Variation of the E sub s parameters in the solar cycle. 13 p2111 A67-26570
Variation of the semitransparency range of E sub s from observations at Rostov-on-Don

/Izmenenie diapazona poluprozrachnosti E sub s po nabludeniam v Rostove-na-Donu/. 16 p2669 A67-31904

Assembly for measuring radio-wave absorption in the ionosphere at five fixed frequencies /Ustanovka dlia izmerenii pogloshchenia radiovoln v ionosfere na platil' fiksirovannykh chastotakh/. 21 p3586 A67-39044

CHAVY, Y.

Synthesized plasma beams and electrostatic instabilities. 11 p1838 A67-24403

CHAWLA, B. R.

Radiation in a moving anisotropic plasma. 01 p0123 A67-10442
Normal incidence on semi-infinite longitudinally drifting magnetoplasma - The relativistic solution. 11 p1832 A67-24304
Wave propagation in a moving plasma. 17 p2812 A67-32304
Poynting vector in moving plasmas. 24 p4124 A67-42812

CHAWLA, S. S.

Fluctuating boundary layer on a magnetized plate. 15 p2471 A67-29632

CHAWLA, T. C.

Thermal boundary layers in laminar and turbulent flow. 10 p1627 A67-23560

CHAZOT, G. C.

Automatic telemetry-data processing systems /Systemes de traitement automatique de donnees de telemesure/. 21 p3588 A67-38638

CHEATHAM, D. C.

Gemini - Guidance and control. 16 p2700 A67-30659
Manned lunar landing - Strategy of system management and operations. 22 p3897 A67-39166

CHEBAEVSKII, V. F.

Energy-mass analyzer for investigating pulsed ion flows /Energomass-analizator dlia issledovaniia impul'snykh potokov ionov/. 24 p4158 A67-42741

CHEBANOVA, T. S.

Theory of stresses in solids with moving boundaries /K teorii napriazhenii v tverdykh telakh s podvizhnyimi granitsami/. 05 p0914 A67-18194

CHEBOTAEV, V. P.

Cross sections of inelastic processes in the helium-neon laser. 01 p0090 A67-10511
The generation of laser action in the 4f-3d transitions of neon by optical pumping of a He-Ne discharge with helium lamp. 01 p0090 A67-10513

Regenerative radiation from the 6328-angstrom units line of a discharge in a He-Ne mixture /Regenerativnoe izluchenie na linii 6328 v razriade v smesi He-Ne/. 03 p0434 A67-13096

Exact measurement of the velocity of light by means of a Ne-H laser. 11 p1818 A67-24479

A Michelson laser /Lazernyi interferometr Maikel'son/. 15 p2486 A67-29467

Laser Michelson interferometer. 21 p3628 A67-38548

High-current continuous-operation cathodes for an argon-ion laser /Sil'notochnye katody nepreryvnogo deistvii dlia lazera na ionakh argona/. 22 p3817 A67-40413

CHEBOTAREV, G. A.

Cometary motion in the outer solar system. 01 p0151 A67-11286
Analytical and numerical methods of celestial mechanics. 23 p4069 A67-41429

CHEBOTAREV, V. I.

Waveguide-slot emitter with controlled polarization /Volnovodno-shchelevoi izluchatel's upravliaemol' polarizatsiei/. 07 p1153 A67-19598

Waveguide-slotted radiator with controlled polarization. 20 p3401 A67-37337

CHEBOTAREVA, E. I.

Investigation of ionized argon behind a shock wave by an interferometric technique /Issledovaniia ionizirovannogo argona za udarnol volnoi interferometricheskimi metodom/. 24 p4197 A67-42358

CHEBOTAYEV, V. P.

Radial drift velocities in the argon ion laser. 11 p1803 A67-24931

Direct observation of collision broadening and effect of resonant interactions on gas-laser transitions. 12 p1953 A67-26196

CHEBURKIN, N. V.

Measurement of the electron concentration in a xenon pulse discharge by means of a gas laser /Izmerenie kontsentratsii elektronov v impul'snom razriade v ksenone s pomoshch'iu gazovogo lazera/. 09 p1512 A67-21922

Measurement of the concentration of electrons in a pulsed xenon discharge using a gas laser. 14 p2330 A67-28251

CHECCACCI, P. F.

Ionospheric measurements by means of the Early Bird geostationary satellite. [RASSA PAPER 1-10-131] 03 p0417 A67-14242

A comparison of scintillations at two middle latitude observatories. 10 p1640 A67-23233

Spherical dipole for the Italian San Marco satellite. 17 p2826 A67-32780

Digital telemetry system for space research /Sistema di telemetria numerica per ricerche spaziali/. 20 p3394 A67-36245

Three-frequency transmission system for ionospheric research satellites /Sistema trasmettente a tre frequenze per satelliti ionosferici/. 20 p3394 A67-36246

Digital telemetry system for on board applications. 21 p3583 A67-38635

CHECHENITSKII, G. G.

High-sensitivity indicator of magnetic field variations, based on the Barkhausen effect /Vysokochuvstvitel'nyi induktivnyi differentsial'nyi tenzometr s elektricheskoi ustanovkoi nulla/. 06 p1002 A67-17941

Highly sensitive inductive differential strain gauge with electric zero adjustment. 18 p3046 A67-33777

CHECHERNIKOV, V. I.

Study of the electron resonance and magnetic properties of solid solutions in the BiFeO sub 3 system /Issledovanie elektronnoho rezonansa i magnitnykh svoistv v tverdykh rastvorakh sistem BiFeO sub 3 - BaTiO sub 3/. 01 p0127 A67-10063

CHECHETENKO, V. V.

Study of the effect of proton bombardment on the optical constants of thin metallic layers /Izuchenie vliianiia protonnol bombardirovki na opticheskie postolannye tonkikh metallicheskiikh sloev/. 14 p2373 A67-28855

CHECHINA, A. A.

Extraordinary wave and plasma wave near the lower hybrid frequency. 22 p3844 A67-39419

CHECHKIN, V. V.

Plasma heating by a high-amplitude fast magnetosonic wave /Nagrev plazmy bystroii magnitovukovoi volnoi bol'shoi amplitudy/. 21 p3669 A67-38678

CHEEDEV, A. F.

Some preliminary results of measurements of water vapour, atomic oxygen concentration and total density in mesosphere with heat recorders. 10 p1656 A67-23207

CHEESEMAN, I.

New techniques for vertical take off. 03 p0360 A67-13891

CHEESEMAN, I. C.

The application of circulation control by blowing to helicopter rotors. 19 p3170 A67-35519

Circulation control and its application to stopped rotor aircraft. [AIAA PAPER 67-747] 23 p3933 A67-40981

CHEESEWRIGHT, R.

Turbulent natural convection from a vertical plane surface. [ASME PAPER 67-HT-17] 20 p3545 A67-36713

CHEETHAM, R.

Future radar developments. [AIAA PAPER 67-55] 15 p2438 A67-30119

CHEEVER, P. R.

In situ measurements of spectral reflectance of thermal control coatings irradiated in vacuo. [AIAA PAPER 67-342] 12 p1959 A67-26056

CHEGOLIN, P. M.

Computer solutions of nonlinear problems /K voprosu resheniia nelineinykh zadach na elektronnykh vychislitel'nykh mashinakh/. 13 p2144 A67-26393

CHEILIK, P.

Execute command in space communications. 07 p1145 A67-19872

CHEINOKOV, O. A.

Calculation of the harmonic components of the currents of a high-frequency transistor in a piecewise-parabolic approximation of the static characteristics /Raschet garmonicheskikh sostavlaushchikh tokov tranzistora na vysokikh chastotakh pri kusochnoparabolicheskoi approksimatsii staticheskikh

- kharakteristik/. 05 p0772 A67-16456
- CHEKALIN, V. V.**
Difference method of calculating unsteady heating of structures /Raznostnyy metod rascheta nestatsionarnogo nagreva konstruktsii/. 07 p1266 A67-19147
- CHEKAN, A. V.**
Study of the phase distribution in a laser aperture based on an analysis of radiation in the Fresnel zone /Issledovanie raspredeleniya faz v raskryve lazera na osnove analiza izlucheniya v zone Frenella/. 13 p2127 A67-27029
- CHEKHLOV, V. I.**
Boundary value problem of a hyperbolic equation with discontinuous boundary conditions /Kraevaya zadacha dlya giperbolicheskogo uravneniya s razryvnymi granichnymi usloviyami/. 05 p0834 A67-16371
- CHEKHONADSKII, N. A.**
Some reactions of the cardiovascular and respiratory systems of cosmonauts during the Voskhod-2 orbital flight /Nekotorye reaktsii serdечно-sosudistoi i dykhatel'noi sistem kosmonavtov v orbital'nom poete na kosmicheskoy korable "Voskhod-2"/. 09 p1454 A67-22384
- CHEKHOVICH, V. IU.**
Quasi-stationary regime during radiative-convective heating of bodies /O kvazistatsionarnom rezhime pri radiatsionno-konvektivnom nagreve tel/. 10 p1732 A67-23020
- CHEKHOVOI, IU. N.**
Investigating stability of sampled-data control systems with pulse-frequency modulation, using Liapunov's direct method. 22 p3777 A67-39829
A form of instability of nonlinear sampled-data systems /Ob odnoi forme ustoiichivosti nelineynykh impul'snykh sistem/. 23 p3985 A67-41674
- CHEKIRDA, I. F.**
Coordination structure and the readjustment phases of motor habits under conditions of weightlessness and positive overloads /Koordinatsionnaya struktura i fazy perestroiki dvigatel'nykh navykov v usloviakh delstvija nevesomosti i polozhitel'nykh peregruzok/. 24 p4112 A67-41858
- CHEKMAREV, I. B.**
Steady flows of an anisotropically conducting medium in a half-space. 07 p1230 A67-20033
Results of a study of the problem of the magnetohydrodynamic conversion of energy /Nekotorye rezul'taty issledovaniya problemy magnitogidrodinamicheskogo preobrazovaniya energii/. 16 p2608 A67-30600
Rotation of a weakly ionized gas in a homopolar with a radial magnetic field. 16 p2723 A67-31580
- CHELIDZE, T. E.**
Observation of the curvature distortion in spectral lines of a high-frequency pulsed plasma. 08 p1358 A67-20854
- CHELIDZE, T. IA.**
Investigation of air sparks by two synchronized lasers. 06 p1010 A67-18090
Laser spark holography with time resolution /Golografirovaniye lazernoi iskry s vremennym razresheniem/. 06 p1006 A67-18786
Spectroscopic studies of a laser spark. 09 p1512 A67-22010
- I.**
Time-resolved holography of laser-produced plasmas. 18 p3044 A67-33728
- CHELIDZE, Z. A.**
Method of studying secular variations of the geomagnetic field before our era. 12 p1933 A67-25554
- CHELNOKOV, V. E.**
Effect of the space-charge layer on the volt-ampere characteristics of multilayer diffusion structures in silicon /Vlieniye sloia ob'emnogo zariada na vol'tampernuyu kharakteristiku mnogosloynnykh diffuzionnykh struktur v kremnii/. 02 p0281 A67-11504
On the shunting of the input current in the collector region of a planar triode. 03 p0386 A67-13963
Investigation of the switching process for silicon p-n-p structures /Issledovanie protsessy vklucheniya kremnilevykh p-n-p-struktur/. 05 p0865 A67-16911
The effect of transition metal impurities on the lifetime of minority carriers in N-Si. 05 p0865 A67-16967
Microplasma effects in silicon /Mikroplazmennye javleniya v kremnii/. 05 p0867 A67-17052
The reactive properties of reverse-biased silicon p-n junction. 05 p0869 A67-17171
Microplasma phenomena in silicon. 15 p2538 A67-29783
Study of electron lifetime in p-Si. 16 p2725 A67-30807
The investigation of the reactive characteristics of diffused silicon p-n junctions. 16 p2726 A67-30817
A study of the switching process of silicon p-n-p structures. 16 p2727 A67-30888
- CHELPAKOV, I. B.**
Optimal non-linear transformation of signals from several instruments, taking the unreliability of their operation into account. 01 p0043 A67-10238
Optimal dynamic characteristics of a gyro vertical for random motion of a power plant and random gyro drift /Optimal'nye dinamicheskie kharakteristiki girovertikali pri sluchainom dvizhenii ob'ekta i sluchainom ukhode gloskopa/. 24 p4155 A67-42298
- CHELTON, D. B.**
Size and power requirements of 4.2 deg K refrigerators. 13 p2057 A67-27679
- CHELUSTKA, B.**
Study of isochronous and isothermal annealing of InSb irradiated by X rays and gamma rays /Issledovanie izokhronnogo i izotermicheskogo otzhiga InSb, obлучennogo rentgenovskimi i gammaluchami/. 15 p2542 A67-30247
On the nature of damages in indium antimonide produced by gamma-and X-irradiation. 21 p3687 A67-39143
- CHELYSHEV, V. P.**
Parameters of the front of a supercompressed detonation wave /K voprosu o parametrah fronta pereshatol detonatsionnoi volny/. 12 p1930 A67-26116
- CHELYSHEVA, I. F.**
Application of the straight-line method in the calculation of flows past conical bodies at large angles of attack /Primeneniye metoda priamykh k raschetu obtekanija konicheskikh tel pri bol'shikh uglakh ataki/. 18 p2984 A67-34211
- CHEMERESIUK, G. G.**
Generation of electrical oscillations in CdSe single crystals /O generatsii elektricheskikh kolebanii v monokristallakh selenida kadmila/. 03 p0489 A67-13146
Generation of electric oscillations in cadmium selenide single crystals. 10 p1689 A67-23095
- CHEMERIS, V. T.**
Experimental investigation of the Hall effect in a low-temperature plasma under variable-sign magnetic-field conditions /Eksperimental'noe issledovanie javlenii Kholla v nizkoterapturnoi plazme v usloviakh znakovopremennogo magnitnogo polia/. 01 p0120 A67-10175
Experimental investigation of the Hall effect in a low-temperature plasma in a nonhomogeneous magnetic field /Eksperimental'noe issledovanie effekta Kholla v nizkoterapturnoi plazme v neodnorodnom magnitnom pole/. 09 p1541 A67-21803
- CHEN, C. C.**
Measurements of turbulent velocity and temperature fluctuations in the wake of a sphere. [AIAA PAPER 67-20] 06 p0987 A67-18347
- CHEN, C. F.**
A new matrix formula for the inverse Laplace transformation. [ASME PAPER 66-WA/AUT-3] 04 p0646 A67-15420
A remark on Polonnikov's approach to generalized bode diagrams. 07 p1161 A67-19879
Effect of flow shear on induced drag. 23 p3932 A67-41735
- CHEN, C. H.**
Mechanical properties of fiber reinforced composites. 08 p1346 A67-20910
- CHEN, C. L.**
Infinite insulated cylindrical antenna in a simple anisotropic medium. 03 p0384 A67-13849
- CHEN, C. M.**
Gas-core nuclear rocket fluid mechanics experiments at Catholic University of America. [AIAA PAPER 67-502] 18 p3076 A67-33966
- CHEN, C.-H.**
On coded partially phase-coherent communication over a Gaussian channel. 17 p2811 A67-32116
On the acquisition time for an Apollo ranging code. 18 p3000 A67-34102
- CHEN, C.-L.**
Electron spin resonance in phosphorus-doped silicon. 05 p0861 A67-16499
Theory of the balanced helical wire antenna. 09 p1481 A67-22445
- CHEN, C.-S.**
Lyapunov functions for a class of n-th order nonlinear differential equations. 19 p3250 A67-34842
- CHEN, C.-T.**
On the stability of sampled-data feedback systems with time-varying gain. 01 p0048 A67-11226
Controllability and observability of composite systems. 24 p4135 A67-42181
Controllability and observability of feedback systems. 24 p4136 A67-42189
- CHEN, D.**
Propagation characteristics of a partially filled cylindrical waveguide for light beam modulation. 02 p0193 A67-11780
Intra-cavity perturbation of a gas laser by Faraday effects in glasses. 05 p0818 A67-16646
Temperature dependence and model of the electro-optic effect in LiNbO₃ sub 3. 22 p3863 A67-40235
- CHEN, E.**
Extension of electron affinities and ionization potentials of aromatic hydrocarbons. 01 p0019 A67-10882
- CHEN, F. F.**
Effect of temperature gradients in thermionic plasmas. 08 p1362 A67-21147
Oscillations and diffusion in a shear stabilized Q-machine. 11 p1834 A67-24378
Probe techniques for low-density plasmas. 11 p1838 A67-24408
Shear stabilization of a potassium plasma. 12 p1975 A67-25476
The leakage problem in fusion reactors. 16 p2724 A67-31865
Nonlocal drift modes in cylindrical geometry. 22 p3848 A67-39693
- CHEN, F. S.**
224 Mc/s optical pulse code modulator. 01 p0033 A67-10013
A laser-induced inhomogeneity of refractive indices in KTN. 23 p4013 A67-40895
- CHEN, H. C.**
A useful matrix inversion formula and its applications. 15 p2509 A67-29175
- CHEN, H. F.**
A simplified 180 deg focusing beta ray spectrometer. 05 p0806 A67-16500
- CHEN, H. H. C.**
Field decomposition in compressible magnetoplasmas by a perturbation technique. 20 p3496 A67-36312
- CHEN, J. C. Y.**
Theory of atomic collisions with negative ions - Associative detachment. 14 p2350 A67-28149
- CHEN, J. F.**
A simplified 180 deg focusing beta ray spectrometer. 05 p0806 A67-16500
- CHEN, K.**
Optimization of time-dependent systems by dynamic programming. 15 p2440 A67-30157
- CHEN, K. M.**
Resonances of loops. 16 p2639 A67-31356
A new method of minimizing the backscatter of a conducting plate. 17 p2815 A67-32622
- CHEN, K.-M.**
A new method of minimizing the radar cross section of a sphere. 03 p0369 A67-13683
- CHEN, P. E.**
Stress fields around parallel edge cracks. 08 p1421 A67-20914
- CHEN, R. M. M.**
The application of multilevel techniques to the identification of state variables. 16 p2647 A67-31650
- CHEN, S. N. C.**
An approach toward increasing the data rate of future deep space communication systems. 20 p3380 A67-36542
- CHEN, S. S.-H.**
Bending of plates of any shape and with any variation in boundary conditions. 10 p1731 A67-23843
- CHEN, S. Y.**
Stagnation region gas injection in low Reynolds number hypersonic flow. 16 p2591 A67-30936

- Thermodynamic conditions of the test gas in a ballistic compressor. 22 p3778 A67-39351
The hypersonic viscous shock layer with mass transfer. 22 p3743 A67-40417
- CHEN, S.-Y.
Range of hypersonic glide vehicles. 16 p2595 A67-30963
- CHEN, T.
Ionization behind a sphere in hypersonic flight. I. [AIAA PAPER 66-55] 04 p0547 A67-14820
An eddy diffusion model for predicting rapid wake ionization decay behind hypersonic cones. [AIAA PAPER 67-21] 06 p0938 A67-18257
- CHEN, T. M.
Noise in metal bolometers. 22 p3797 A67-39343
- CHEN, T. S.
Power imbedding at the carrier frequency of multiple wave trains used in radar systems. 06 p0963 A67-18401
Evaluation of Tietjens function in stability calculations. 08 p1322 A67-21138
- CHEN, T.-S.
Focusing of an electron beam from a low noise gun with different magnet systems. V. 05 p0777 A67-17279
Waveguide resonant-iris filters with very wide passband and stopbands. 07 p1151 A67-19426
Characteristics of waveguide resonant-iris filters. 13 p2083 A67-27444
- CHEN, W. I. H.
Computer designed transversal filters using thin film RC distributed networks. 18 p3015 A67-34560
- CHEN, W. P.
A complementary linear theory of plasticity for plane strain. 10 p1716 A67-22933
- CHEN, W. T.
On a spheroidal elastic inclusion in a transversely isotropic material under an axisymmetric torsion field. 05 p0910 A67-16149
Effects of circuit load on the microwave properties of Gunn diodes. 09 p1479 A67-22268
Plane thermal stress at an insulated hole under uniform heat flow in an orthotropic medium. 10 p1730 A67-23838
- CHEN, Y. M.
On slow decay of the solution of the initial boundary value problem for the wave equation in the exterior of a three-dimensional obstacle. 01 p0052 A67-10519
Penetration of temperature waves in a random medium. 18 p3159 A67-34007
- CHEN, Y. N.
Flow-induced vibration and noise in tube-bank heat exchangers due to von Karman streets. [ASME PAPER 67-VIBR-48] 11 p1777 A67-24198
Frequency of the Karman vortex streets in tube banks. 11 p1782 A67-24657
- CHEN, Y. S.
Lattice vibration spectra of GaAs sub x P sub 1 sub -x single crystals. 03 p0495 A67-13514
- CHEN, Y.-Y.
The calculation of the noise figure of the low-noise traveling wave tube. 05 p0773 A67-16510
- CHENAVAS, J.
A high pressure form of MnYO sub 3 /Une forme haute pression de MnYO sub 3/. 09 p1557 A67-22572
- CHENETTE, E. R.
Noise in space-charge-limited solid-state devices. 06 p0971 A67-18224
Noise in semiconductor devices. 22 p3770 A67-39773
- CHENG, C. K.
Generation of giant pulses from a neodymium laser with an organic-dye saturable filter. 20 p3457 A67-36175
- CHENG, C.-Y.
Constant total pressure evaporation with heat reuse by a built-in engine. 14 p2407 A67-28623
- CHENG, D. H.
Transient response of structural elements to traveling pressure waves of arbitrary shape. 01 p0161 A67-10775
Dynamic effects of sonic booms on a beam loosely bound to its supports. [AIAA PAPER 67-14] 06 p1101 A67-18253
- CHENG, D. K.
Gain optimization for antenna arrays with random errors design parameters. 01 p0032 A67-10005
Synthesis of unequally spaced arrays with uniform or stepped amplitude distribution. 02 p0217 A67-12095
Signal-to-noise ratio maximization for receiving arrays. 03 p0385 A67-13860
Maximization of directive gain for circular and elliptical arrays. 13 p2082 A67-27406
A useful matrix inversion formula and its applications. 15 p2509 A67-29175
Gain optimization for arbitrary antenna arrays subject to random fluctuations. 16 p2638 A67-31336
Field decomposition in compressible magnetoplasmas by a perturbation technique. 20 p3496 A67-36312
- CHENG, F.-H.
Stresses in a semi-infinite strip. 08 p1422 A67-20978
- CHENG, H.
Radiation from nonlinearly excited plasmas. 14 p2356 A67-28153
The infinitely long partial arc self-acting gas bearing - A method of solution for the full range of the compressibility number. 19 p3237 A67-35866
- CHENG, H. K.
Distribution function and temperatures in a monatomic gas under steady expansion into a vacuum. 13 p2104 A67-26982
Nonequilibrium-transition patterns of a quasi-one-dimensional dissociating-gas flow. 19 p3211 A67-35759
- CHENG, J.
Electron spin resonance in phosphorus-doped silicon. 05 p0861 A67-16499
- CHENG, L. J.
1.8-, 3.3-, and 3.9-mu bands in irradiated silicon - Correlations with the divacancy. 05 p0870 A67-17194
- CHENG, P.
Inviscid radiating flow over a blunt body. 10 p1592 A67-23453
- CHENG, R. K.
Design considerations for Surveyor guidance. [AIAA PAPER 64-644] 02 p0263 A67-11923
- CHENG, S.
Mechanical properties of fiber reinforced composites. 08 p1346 A67-20910
- CHENG, S.-I.
Sputtering as an advanced concept of space propulsion. 05 p0873 A67-16515
- CHENG, S.-W.
Constant total pressure evaporation with heat reuse by a built-in engine. 14 p2407 A67-28623
- CHENG, Y. F.
A dual-observation method for determining photo-elastic parameters in scattered light. 09 p1574 A67-21840
A scattered light photoelastic method for the determination of tempered stresses in aircraft windshields. 15 p2575 A67-30033
- CHENON, F.
Rocket sequence programmers /Programmeurs de sequences pour engins/. 21 p3655 A67-38207
- CHENOWETH, D. L.
Stability analysis methods for hybrid control systems. 22 p3778 A67-40157
- CHENTSOV, N. N.
Optimal strategy in correcting /Optimal'naya strategiya pri korrektsirovani/. 20 p3407 A67-36809
- CHEO, P. K.
Laser transitions in B II, Br II, and Sn. 08 p1339 A67-21379
Gain characteristics of CO sub 2 laser amplifiers at 10.6 microns. 11 p1800 A67-24244
Depolarization of linearly polarized EM waves backscattered from rough metals and inhomogeneous dielectrics. 13 p2158 A67-26878
Relaxation of the 10.6 mu CO sub 2 laser levels by collisions with H sub 2. 20 p3457 A67-36384
Effects of CO sub 2, He, and N sub 2 on the lifetimes of the 00 deg 1 and 10 deg 0 CO sub 2 laser levels and on pulsed gain at 10.6 mu. 22 p3814 A67-39354
- CHEPAKHIN, G. A.
Effect of some technological factors on the precision of thin film resistors and capacitors having a single base /Vlianie nekotorykh tekhnologicheskikh faktorov na tochnost' mikroplenochnykh soprotivlenii i emkostei na obshchei podlozheke/. 03 p0491 A67-13242
- CHEPOVETSKII, A. G.
Experimental apparatus for studying MHD phenomena in the channels of linear induction pumps /Eksperimental'naya ustanovka dlia issledovaniia magnitogidrodinamicheskikh lavlenii v kanalakh lineinykh induktsionnykh nasosov/. 04 p0670 A67-15521
- CHERDAK, A. S.
Nimbus power systems - 1960-1969. 08 p1283 A67-20649
- CHEREDNICHENKO, V. I.
Dimensions of the regions of existence of C sub 2 and C sub 3 molecules in comets /O razmerakh oblastei sushchestvovaniia molekul C sub 2 i C sub 3 v kometakh/. 05 p0888 A67-16202
Dissociation and ionization of water molecules in cometary atmospheres /Dissotsiatsiia i ionizatsiia molekul vody v atmosferakh komet/. 05 p0888 A67-16203
Some peculiarities in comet spectra /Nekotorye osobennosti spektrov komet/. 05 p0890 A67-16337
- CHEREMISIN, F. G.
Problem with initial data for the relaxation kinetic equation in a uniformly expanding /contracting/ gas. 04 p0604 A67-14792
- CHEREMISKINA, A. F.
Analysis of the energy characteristics of high-energy nuclear interactions in emulsions. 02 p0312 A67-12605
- CHEREMNYKH, M. M.
Heat transfer in a gas container during depletion /Teploobmen v gazovoi emkosti pri oporozhnenii/. 07 p1267 A67-19324
- CHEREMNYKH, P. A.
A titanium coaxial gun /Titanovaya koaksial'naya pushka/. 16 p2676 A67-31400
- CHEREMNYKH, S. V.
Method for investigating the stability of controlled systems /Ob odnom metode issledovaniia ustoiichivosti reguliruemyykh sistem/. 15 p2518 A67-30176
- CHEREMUKHIN, G. S.
The X-ray photographs and the spectrum of the sun in the region 9.5-200 angstrom units. 10 p1707 A67-23225
Image and spectrum of the sun in the region from 9.5 to 200 angstrom units /Izobrazhenie i spektr solntsa v oblasti 9.5-200 angstrom units/. 13 p2200 A67-27334
- CHEREPAKHIN, M. A.
Sensor-motor coordination of man during weightlessness /K voprosu o sensornomotornoi koordinatsii cheloveka v usloviakh nevesomosti/. 20 p3368 A67-36263
- CHEREPAKOV, A. N.
Broadening of a plasmoid of variable conductivity in an external magnetic field when the parameter of the hydromagnetic interaction is small /Rasshirenie plazmennogo sgustka peremennoi provodimosti vo vneshnem magnitnom pole pri malom parametre gidromagnitnogo vzaimodeistviia/. 24 p4195 A67-41929
- CHEREPAKOV, G. P.
On the theory of the normal combustion velocity. 01 p0167 A67-10998
Propagation of cracks in compressed bodies. 07 p1263 A67-20030
Plane problem of pseudofluidization /Ploskala zadacha psevdoozhizheniia/. 22 p3916 A67-39392
- CHEREPAKOV, V. S.
Application of similarity theory to electron processes in p-n junctions /K voprosu primeneniiia teorii podobiiia k elektronnyim protsessam v p-n-perekhodakh/. 06 p1048 A67-17854
- CHEREPAKHCHUK, A. M.
Determination of the elements of eclipsing systems containing a component with an extended spherical atmosphere. 04 p0701 A67-15553
- CHEREPOVITSKII, V. A.
Results of investigation of the distribution of the ionospheric electron concentration by the surface reception of radio signals from the artificial earth satellite "Elektron-1." 11 p1786 A67-24073
The state of the ionosphere according to the results of observations of the Elektron 1 and Elektron 3 satellites /Sostoiianie ionosfery po rezul'tatam nabludenii za sputnikami "Elektron 1" i "Elektron 3"/. 22 p3760 A67-39734
Results of polar ionosphere investigation by means of "Explorer-22" radio signals /Rezul'taty issledovaniia poliarnoi ionosfery

- po radiosignalam ISZ
"eksplorer-22"/. 22 p3794 A67-40121
- CHERESIZ, V. M.**
Almost-periodicity of bounded solutions to nonlinear systems /Pochti-periodichnost' ogranichennykh reshenii nelineynykh sistem/. 13 p2144 A67-26381
Almost periodicity of bounded solutions of nonlinear systems. 20 p3479 A67-37726
- CHERET, M.**
Theoretical study of a nonequilibrium cesium plasma /Etude theorique d'un plasma de cesium hors equilibre/. 16 p2713 A67-30868
Calculation of the characteristics of a nonequilibrium cesium plasma /Calcul des caracteristiques d'un plasma de cesium hors equilibre thermodynamique/. 19 p3294 A67-35417
- CHERET, R.**
Lagrange equations of motion of a perfect fluid in the vicinity of an arbitrarily mobile geometric surface /Equations Lagrangiennes du mouvement d'un fluide parfait au voisinage d'une surface geometrique arbitrairement mobile/. 16 p2663 A67-31709
- CHEREVATSKII, S. B.**
Investigation of shells of revolution produced by a single family of wound fibers /K issledovaniyu obolochek vrashcheniya, obrazovannykh namotkoi odnim semeistvom nitel/. 19 p3337 A67-34871
Arbitrary fiber shells of revolution under compression loads /O proizvol'nykh nitevykh obolochkakh vrashcheniya, nagruzhennykh davleniem/. 19 p3338 A67-34872
Calculation of disks produced by a continuous fiber-winding process /Raschet diskov, izgotovlennykh metodom nepreryvnoi namotki niti/. 19 p3234 A67-34873
- CHEREVKO, T. N.**
Analytical representation of the geomagnetic field according to the data of the Cosmos 49 satellite. I /Analiticheskoe predstavlenie geomagnitnogo polia po dannym ISZ "kosmos-49". I/. 14 p2307 A67-27919
- CHERKASHIN, E. E.**
Ternary intermetallic compounds in the system Ni-Ti-Nb. 16 p2691 A67-31593
- CHERKASOV, E. M.**
Interpretation of oscillation lines in Ar-Br sub 2 laser. 06 p1011 A67-18545
- CHERKASOV, P. A.**
Deoxidative capacity and activity of titanium in nickel-chromium alloys /Raskislitel'naya sposobnost' i aktivnost' titana v splavakh nikelia s khromom/. 09 p1518 A67-21964
- CHERKASOV, V. N.**
Temperature regime of a thin plate heated by a pulsed localized energy source /Temperaturny rezhim tonkoi plastiny, nagrevaemoi impul'snym lokalizovannym istochnikom energii/. 01 p0166 A67-10365
- CHERKASOVA, K. P.**
Magnetohydrodynamic waves. 05 p0851 A67-16364
Ability of oblique shock waves to evolve in magnetohydrodynamics /Pro evoliutsionist' kosikh udarnykh khvil' u magnitnoi gidrodinamitsii/. 05 p0859 A67-17489
The Huygens principle in magnetohydrodynamics /Printsip Guigensa v magnitnoi gidrodinamike/. 21 p3670 A67-38687
- CHERKASSKII, A. KH.**
Voltage and efficiency of a thermoelectric generator /Napriazhenie i K.P.D. termoelektricheskogo generatora/. 19 p3177 A67-35897
- CHERKESOV, L. V.**
Three-dimensional Cauchy-Poisson problem for waves in a viscous fluid. 06 p0984 A67-18046
- CHERKI, M.**
Photoconductivity in germanium irradiated at low temperature /Photoconductivite dans le germanium irradie a basse temperature/. 17 p2919 A67-32860
- CHERNAVSKII, D. S.**
Nature of the peripheral nonelastic processes /O kharaktere perifericheskikh neuprugikh protsessov/. 02 p0315 A67-12749
Contribution of statistical processes to elastic scattering /O vklade statisticheskikh protsessov v uprugoe rasselanie/. 02 p0315 A67-12750
Concerning the character of peripheral inelastic processes. 22 p3876 A67-40251
Contribution of statistical processes to elastic scattering. 22 p3841 A67-40252
- CHERNE, J. M.**
Mechanical design of the lunar module descent engine. 24 p4207 A67-42394
- CHERNE, KH. I.**
Properties of parameters of a linear 2/m plus m/ terminal network /Nekotorye svoystva parametrov lineinogo 2/m plus m/-polushnika/. 02 p0221 A67-12528
- CHERNEGA, J.**
Broadband varactor tuning of transistor oscillators. 10 p1613 A67-23412
- CHERNEI, N. I.**
Criteria of stable convexity of a region in one-sheeted conformal mappings. II /Kriterii ustoiichivoi vypuklosti oblasti pri odnolistnykh konformnykh otobrazheniyakh. II/. 01 p0104 A67-10287
- CHERNENKO, L. A.**
Role of impacts of the second kind in the emission of N sub 2 and CO molecular bands in mixtures of N sub 2 plus Ar and CO plus Ar in a glow discharge /O roli udarov 2-go roda pri izlucheni molekuliarnykh polos N sub 2 i CO v smesiakh N sub 2 plus Ar, CO plus Ar v tlelushchem razriade/. 02 p0270 A67-12674
- CHERNETS, A. N.**
Hypersound absorption in quartz and ruby crystals. 10 p1693 A67-23582
- CHERNETSKII, A. V.**
SHF diagnostics of a plasma jet /Sverkhvysokochastotnaya diagnostika strui plazmy/. 22 p3799 A67-39764
- CHERNIAEVA, S. M.**
Hydrodynamic thermal "explosion" of a non-Newtonian fluid /O gidrodinamicheskom teplovom "vzryve" nen'utonovskoi zhidkosti/. 01 p0052 A67-10681
The hydrodynamic thermal "explosion" of a non-Newtonian liquid. 11 p1783 A67-25068
- CHERNIAK, N. I.**
Effect of a preceding plastic deformation on the shape of the limiting-state curves of high-strength steel /Vlianie predvaritel'nogo plasticheskogo deformirovaniia vysokoprochnoi stali na formu krivyykh predel'nykh sostoianii/. 02 p0255 A67-12667
- CHERNIAK, V. V.**
Use of the electroinductive method for the testing of certain threaded components. 16 p2681 A67-31917
- CHERNIAKOV, E. I.**
Radiation of electromagnetic waves during the motion of an electron stream above a grid lying on the boundary of a semi-infinite anisotropic dielectric. 05 p0766 A67-17163
- CHERNIAKOV, S. M.**
Transfer of concentrated forces to a thin-walled shell /O peredache sosredotochennykh sil na tonkostennulu obolochku/. 06 p1106 A67-18623
- CHERNIATIN, V. A.**
Some methods of solutions of the problem of analytic design of controllers. 10 p1619 A67-23320
- CHERNIAVSKII, A. F.**
High-speed tunnel-diode scaler /Bystrodeistvuluschala pereschetnaya lachela na tunnel'nykh diodakh/. 03 p0376 A67-14266
- CHERNIAVSKII, A. L.**
Simulation of the process of solving complex logic problems on computers /heuristic programming/ /Modelirovanie protsessa resheniya slozhnykh logicheskikh zadach na vychislitel'nykh mashinakh /evristicheskoe programmirovaniie/. 08 p1299 A67-21199
Computer simulation of the process of solving complex logical problems - Heuristic programming. 22 p3764 A67-39866
- CHERNIAVSKII, B. A.**
Mechanism of jet adhesion to the wall of a jet amplifier - The Coanda effect /O mekhanizme prilipaniia strui k stenke struiinogo usilitela - Effekt Koanda/. 20 p3421 A67-36811
- CHERNIAVSKII, M. M.**
Angular and energy characteristics of nuclear interactions at 23 and 150 to 500 BeV /Energeticheskie i uglovy kharakteristiki iadernykh vzaimodeistvii pri energiyakh 23 i 150-500 BeV/. 02 p0271 A67-12753
Energy and angular characteristics of nuclear interactions at energies of 23 and 150 to 500 BeV. 22 p3842 A67-40255
New method for analyzing the mechanism of nuclear interactions /Novyi metod analiza mekhanizma iadernykh vzaimodeistvii/. 24 p4193 A67-42859
- CHERNICH, N. S.**
Measurement of the distance to the moon and possibilities of investigation on the astrometric parameters of the earth-moon system by the method of laser location. 23 p4066 A67-41037
- CHERNIK, I. A.**
Study of the band structure and the current-carrier scattering mechanism in tin telluride /Issledovanie zonnol struktury i mekhanizma rasselaniia nostetei toka v telluride olova/. 19 p3300 A67-34766
- CHERNIKOV, A. A.**
The polarization characteristics of radar "angel" echoes. 20 p3384 A67-37237
- CHERNIKOV, S. N.**
Algebraic theory of linear inequalities /Algebraicheskaya teoriia lineinykh neravenstv/. 07 p1216 A67-19582
- CHERNIKOV, V. A.**
The effect of the Reynolds number on tip losses /Vlianie chisla Reinal'dsa na kontsevye poteri/. 18 p2983 A67-33999
On the ionization of a gas in a focused laser beam. 19 p3239 A67-35166
- CHERNIKOVA, L. B.**
Effect of conditions of growth on the electrical properties of epitaxial p-n junctions in gallium arsenide /Vlianie uslovii rosta na elektricheskie svoystva epitaksial'nykh p-n-perekhodov v arsenide galliya/. 15 p2533 A67-29317
- CHERNOBROVKIN, L. S.**
Pilotless aircraft and missiles /Bespilotnye letatel'nye apparaty/. 15 p2564 A67-29242
- CHERNOBROVKINA, N. A.**
Angular spectrum of waves scattered by the ionosphere. 12 p1933 A67-25547
Ionospheric winter drifts during a quiet-sun period /Zimnie ionosfernye dreyfy v spokoinno-solnechnyi period/. 14 p2308 A67-27936
- CHERNOFF, R.**
Comparison calibration techniques for vibration transducers. 23 p4003 A67-41337
- CHERNOUSKO, F. L.**
Free oscillations of a viscous fluid in a vessel /O svobodnykh kolebaniyakh vliakoi zhidkosti v sosude/. 02 p0233 A67-11950
Determination of the equilibrium shape of a fluid under the effect of gravity forces and surface tension /Ob opredelenii formy ravnovesiia zhidkosti pod deistviem sil tlazhesti i poverkhnostnogo natiazheniya/. 03 p0401 A67-12881
Motion of a body with a cavity partly filled with a viscous fluid /O dvizhenii tela s polost'iu, chastichno zapolnennoi vliakoi zhidkosti'iu/. 05 p0921 A67-17005
Oscillations of a vessel containing viscous fluid /Kolebaniia sosuda s vliakoi zhidkosti'iu/. 10 p1679 A67-23029
Motion of a body with a cavity filled with a viscous fluid at large Reynolds numbers. 11 p1782 A67-24673
Oscillations of a solid having a cavity filled with a viscous fluid /Kolebaniia tverdogo tela s polost'iu, zapolnennoi vliakoi zhidkosti'iu/. 12 p0209 A67-25657
On free oscillations of a viscous fluid in a vessel. 17 p2841 A67-33267
The motion of a body with a cavity partly filled with a viscous liquid. 18 p3028 A67-34267
- CHERNOV, A. P.**
Aerodynamic investigation of flow in spherical chambers. 16 p2594 A67-31209
- CHERNOV, G. A.**
State of reactivity of an organism under the complex effect of several space flight factors /Sostoianie reaktivnosti organizma pri kompleksnom vozdeistvii nekotorykh faktorov kosmicheskogo poleta/. 16 p2611 A67-30765
- CHERNOV, G. M.**
Investigation of the intensity and spectral composition of the gamma-radiation of the moon by the Luna-10 automatic space station /Issledovaniia intensivnosti i spektral'nogo sostava gamma-izlucheniia luny na avtomaticheskoi stantsii Luna-10/. 01 p0150 A67-10905
Preliminary results of measurements of gamma radiation from the lunar surface by the Luna 10 space vehicle /Predvaritel'nye rezultaty izmerenii gamma-izlucheniia lunnoi poverkhnosti na kosmicheskoi stantsii "Luna-10"/. 05 p0887 A67-16055
Gamma investigation of the moon and composition of the lunar rocks. 19 p3319 A67-35258

- Measurements of gamma radiation of the lunar surface by the Luna-10 space station. 21 p3701 A67-37842
- CHERNOV, I. A.**
Algebraic self-similar solutions to equations of transonic plane gas flow /Algebraicheskie avtomodel'nye resheniya uravnenii okolozvukovogo ploskogo techeniya gaza/. 02 p0178 A67-11951
Algebraic self-modeling solutions of two-dimensional transonic gas flow. 17 p2841 A67-33268
- CHERNOV, I. A.**
Analysis of the spectral and temperature curves of photoelectric converters /solar cells/ and selection of effective areas for their use. 07 p1131 A67-19105
- CHERNOV, I. A.**
Effect of the terrestrial magnetic field on a signal in oblique reflection sounding /Vliyanie magnitnogo polia zemli na signal vozvratno-naklonnogo zondirovaniya/. 02 p0193 A67-11662
Relation between the mass distribution of meteoric bodies and the autocorrelation function of the disintegrated planetary surface /O svyazi mezhdu raspredeleniem meteornykh tel po masse i avtokorrellatsionnoi funktsii vzrykhlennoi imi poverkhnosti planety/. 02 p0329 A67-12495
Experimental verification of a parabolic model of the ionosphere for oblique-reflection probing /Eksperimental'naya proverka prigodnosti parabolicheskoi modeli ionosfery dlia vozvratno-naklonnogo zondirovaniya /VNZ//. 05 p0801 A67-17130
Number of reverse signals reflected from the F2 layer during oblique reflection sounding /Chislo obratnykh signalov s otrazheniem ot sloia F2 pri vozvratno-naklonnom zondirovanii VNZ//. 05 p0802 A67-17145
The meteoroid mass distribution and autocorrelation function for a planetary surface eroded by a meteor stream. 10 p1709 A67-23363
Influence of the geomagnetic field on a signal in oblique sounding. 16 p2624 A67-31077
Experimental verification of the suitability of the parabolic model of the ionosphere for oblique sounding. 21 p3618 A67-38473
Number of return signals with reflection from the F sub 2 -layer in oblique sounding. 21 p3619 A67-38487
- CHERNOV, V. A.**
Some properties of a high-voltage hollow-anode glow discharge. 06 p0968 A67-18093
Study of a laser based on neodymium-activated glass with external feedback /Issledovanie opticheskogo kvantovogo generatora na stekle aktivirovannom neodimom s vneshnei obratnoi svyaz'iu/. 06 p1012 A67-18782
Obtaining a traveling-wave regime in a complex optical resonator /K voprosu o poluchenii rezhima begushchey volny v slozhnom opticheskom rezonatore/. 07 p1196 A67-19600
Investigation of a neodymium-glass laser with external feedback. 18 p3059 A67-33724
Traveling wave operation in a complex optical resonator. 20 p3462 A67-37339
- CHERNOVA, E. A.**
Stationary combustion /O statsionarnom goreнии/. 06 p1119 A67-18818
- CHERNOVA, T. S.**
Some mechanical and physical properties of the AT13 alloy /Nekotorye mekhanicheskie i fizicheskie svoystva splava AT13/. 07 p1207 A67-19287
- CHERNY, V. V.**
Position of the pilot's hands and feet on the cockpit controls during training on a simulator /Polozhenie konechnostei na shturvale samoleta vo vremia poteri soznaniia pri imitatsii poleta na trenazhere/. 20 p3374 A67-36264
- CHERNY, F. B.**
The mechanism of far tropospheric propagation of radio waves. 21 p3585 A67-38814
- CHERNY, G. G.**
Wings in hypersonic flow. 01 p0007 A67-10981
Supersonic flow of a hot gas mixture past a sphere /Sverkhzvukovoe obtekanie sfery goruchel'nykh gazov/. 03 p0349 A67-12864
Self-similar problems of flow past bodies by gaseous fuel mixtures /Avtomodel'nye zadachi obtekanii tel goruchel'nykh smes'iu gazov/. 06 p0935 A67-17725
Asymptotic law of propagation of a plane detonation wave /Asimptoticheski zakon rasprostraneniia ploskoi detonatsionnoi volny/. 09 p1489 A67-22218
Asymptotic law of propagation of a plane detonation wave. 18 p3026 A67-33758
- CHERNY, V. G.**
Elastic characteristics of niobium-aluminum alloys. 04 p0635 A67-14431
Effect of irradiation on certain characteristics of niobium and its alloys /Vliyanie oblucheniia na nekotorye kharakteristiki niobila i ego splavov/. 17 p2874 A67-32898
Elastic properties of niobium alloys with tantalum, vanadium and titanium. 22 p3820 A67-39789
- CHERNYKH, E. M.**
Instability of a spherical gas bubble in a variable-pressure field /O neustoiichivosti sfericheskogo gazovogo puzyla v pole peremennogo davleniia/. 10 p1824 A67-23028
- CHERNYKH, K. F.**
Forms of coupling between symmetrical tensors in continuum mechanics /O formakh svyazi mezhdu simmetrichnyimi tenzorami v mekhanike sploshnykh sred/. 21 p3717 A67-37971
- CHERNYKH, L. I.**
Observations of minor planets at the Crimean astrophysical observatory /fourth report/ /Nabludeniiia mal'kikh planet v krymskoi astrofizicheskoi observatorii /soobshchenie chetvertoe//. 20 p3522 A67-36621
Observations of minor planets at the Crimean astrophysical observatory /fifth report/ /Nabludeniiia mal'kikh planet v krymskoi astrofizicheskoi observatorii /soobshchenie plate//. 20 p3523 A67-36630
- CHERNYKH, N. S.**
Astronomical telescope on the moon. 04 p0597 A67-15068
The optical radar method for measuring the parameters of the moon's figure and orbit. 12 p2002 A67-25647
Possibility of improving the accuracy of some astronomical parameters of the earth-moon system by the optical location method /O vozmozhnosti utocneniia nekotorykh astronomicheskikh parametrov sistemy zemlia-luna metodom opticheskoi lokatsii/. 13 p2200 A67-27327
Observations of minor planets at the Crimean astrophysical observatory /fourth report/ /Nabludeniiia mal'kikh planet v krymskoi astrofizicheskoi observatorii /soobshchenie chetvertoe//. 20 p3522 A67-36621
Observations of minor planets at the Crimean astrophysical observatory /fifth report/ /Nabludeniiia mal'kikh planet v krymskoi astrofizicheskoi observatorii /soobshchenie plate//. 20 p3523 A67-36630
- CHERNYSHENKO, I. S.**
Elastoplastic equilibrium of shells of revolution with finite deflection /Ob uprugoplasticheskom ravновесii obolochek vrashcheniia pri konechnykh progibakh/. 02 p0340 A67-12661
Asymptotic elastoplastic condition of a spherical shell weakened by a hole and sustaining residual deflections /Osesimmetrichnoe uprugoplasticheskoe sostoianie sfericheskoi obolochki, oslablennoi otverstiem, pri konechnykh progibakh/. 12 p2028 A67-25631
- CHERNYSHENKO, V. M.**
Divergence of iterative methods in the solution of nonlinear functional equations /O skhodimosti iteratsionnykh metodov resheniia nelineynykh funktsional'nykh uravnenii/. 07 p1215 A67-19329
- CHERNYSHEV, A. P.**
Analysis of the dynamic accuracy of sensing elements during parametric excitations caused by vibration /Analiz dinamicheskoi tochnosti chuvstvitel'nykh elementov pri parametricheskikh vozбуждениiah ot vibratsii/. 01 p0084 A67-10417
- CHERNYSHEV, G. N.**
Asymptotic methods in the shell theory /concentrated loads/ /Asimptoticheskie metody v teorii obolochek /sosredotochennye nagruzki//. 12 p2028 A67-25630
- CHERNYSHEV, M. K.**
Delay simulation with the aid of operational amplifiers. 03 p0390 A67-13104
- CHERNYSHEV, V. V.**
Thermal stability of tungsten carbide - Cobalt alloys /Termostokost' splavov karbid vol'frama - Kobalt/. 03 p0447 A67-13641
Thermal shock resistance of tungsten carbide-cobalt alloys. 17 p2875 A67-33174
- CHERNYSHEVA, S. P.**
Stability of reflections from the sporadic E-layer and solar activity. 07 p1174 A67-19704
Stability of reflections from the sporadic E layer and radio wave absorption during the solar cycle. 12 p1933 A67-25544
Variation of the E sub s parameters in the solar cycle. 13 p2111 A67-26570
Variation of the semitransparency range of E sub s from observations at Rostov-on-Don /Izmenenie diapazona poluprozrachnosti E sub s po nabludeniiam v Rostove-na-Donu/. 16 p2669 A67-31904
Calculation of a stability coefficient /Raschet koeffitsienta ustoiichivosti/. 16 p2669 A67-31907
Variations in the duration of continuous reflections from E sub s /Izmenenie dlitel'nosti nepreryvnykh otrazhenii ot E sub s/. 21 p3623 A67-39038
- CHEROT, T. E.**
Calculation of the near field antenna patterns of aperture antennas. 20 p3405 A67-37645
- CHERPAKOV, P. V.**
Regular temperature fields /Regularnye temperaturnye polia/. 17 p2972 A67-33068
- CHERRINGTON, B. E.**
Spatially resolved laser heterodyne measurements of plasma densities in weakly ionized gases. 05 p0856 A67-17272
Helical configuration produced in gaseous magnetoplasmas by the gyro-resonance absorption of microwaves. 13 p2163 A67-26289
Optical mixing in the atomic states of a He-Ne laser. 23 p4012 A67-40891
- CHERRY, W. R.**
The development of solar cells. 18 p2989 A67-34069
- CHERSKII, I. I.**
Solution of mixed problems for partial differential equations. 03 p0459 A67-13589
- CHERTKOV, I. A.**
Jet fuels in the U.S. and Great Britain /Reaktivnye topliva SShA i Anglii/. 13 p2185 A67-27068
- CHERTKOV, N. I.**
Spectrum of AM sequences of video pulse packages /Spektr amplitudno-modulirovannoi posledovatel'nosti pachek videopul'sov/. 07 p1140 A67-19233
- CHERTOK, I. M.**
Nature and geoeffectiveness of agents causing solar radio bursts of types II and IV /O prirode i geoeffektivnosti agentov vyzvalyushchikh solnechnye radiovysleski II i IV tipa/. 10 p1898 A67-22776
Nature and geophysical effectiveness of agents responsible for type II and IV solar radio bursts. 24 p4209 A67-42112
- CHERTOPUD, V. E.**
The disintegration of the solar cellular belt. 01 p0146 A67-11282
Analysis of an inaccessible synchronized self-oscillatory object. 08 p1302 A67-20829
Is a quasar nucleus a star cluster or a single body/ques/. 20 p3521 A67-36297
Number of degrees of freedom in the inverse problem of oscillation theory. I /Chislo stepenel' svobody v obratnoi zadache teorii kolebani. I/. 22 p3836 A67-39775
- CHERVINSKY, A.**
Experimental investigation of turbulent swirling flames. 11 p1882 A67-24217
Experimental investigation of swirling vortex motion in jets. 17 p2838 A67-32417
Aerodynamic study of turbulent burning free jets with swirl. 18 p3151 A67-33815
- CHESALIN, L. S.**
Motion of a charged particle in the magnetosphere under the action of a sudden geomagnetic impulse. 12 p1992 A67-25118
On transport of charged particles under the effect of electromagnetic pulses. 19 p3313 A67-35212
- CHESHIRE, I. M.**
Excitation of atomic hydrogen by protons. 20 p3491 A67-37686
- CHESKIS, H. P.**
X-ray line broadening and residual stress studies of composite materlas. 18 p3067 A67-34570
- CHESLAK, F. R.**
Analysis of advanced chemical dynamic

- hydraulic power systems. 24 p4107 A67-42531
CHESLER, L. G.
 Some aspects of man-computer communication in active monitoring of automated checkout. 20 p3446 A67-36589
CHESNAVICHUS, A. A.
 Pulsed sinusoidal method of measuring the capacitance-voltage and current-voltage characteristics of relaxing p-n junctions /Impul'sno-sinusoidalnyi metod izmereniia vol'temkostnykh i vol'tampernykh kharakteristik relaksiruiushchikh p-n perekhodov/. 08 p1303 A67-20998
CHESNOKOV, N. A.
 Calculation of the evaporation process of particles in a high-temperature gas stream under nonadiabatic conditions /K raschetu protessa ispareniiia chastits v vysokotemperaturnom potoke gaza v neadiabaticeskikh usloviakh/. 08 p1428 A67-21424
CHESNIN, N.
 Preparation of aluminum surfaces for bonding. 09 p1507 A67-22519
CHESTER, P. F.
 Superconducting magnets for M.H.D. generators. 18 p3099 A67-33711
CHETALIAN, E.
 1, 3-diones promoters for room temperature curing of polyesters. 24 p4175 A67-42420
CHETKIN, M. V.
 Magneto-optical modulation of the infrared emission of a gas laser /Magnitoopticheskaya modulatsiia infrakrasnogo izlucheniia gazovogo lazera/. 04 p0633 A67-15139
 Magneto-optical modulation of the infrared radiation from a gas laser. 12 p1951 A67-25162
CHETVERIKOVA, G. A.
 Thin-film photoelectric converters /Plenochnye fotoelektricheskie preobrazovateli/. 04 p0553 A67-14664
CHEUNG, C. Y.
 The temperature dependence of the energy levels of shallow donor impurities in silicon. 13 p2176 A67-26987
CHEUNG, H.
 Dissociating gas as working fluid for space power plant. 24 p4102 A67-42488
CHEVALERAUD, J.
 Temporary blindness by lightning strike in flight /Cecite temporaire par foudroiement en vol/. 23 p3945 A67-41069
 Retinal angiomatosis and aircrew fitness /Angiomatose retinienne et aptitude au personnel navigant/. 23 p3945 A67-41071
CHEVALIER, R.
 News about the Diademe 1 and 2 satellites /Nouvelles des satellites Diademe I et II/. 17 p2941 A67-32232
 Solid fuel propulsion /La propulsion a propergols solides/. 20 p3816 A67-36878
CHEVALEY, J. L.
 An A.C. MHD generator with pulsating flow in a preheated gas. 16 p2603 A67-30564
CHEVALLIER, G.
 Magneto-hydrodynamic jet converters /Les convertisseurs magneto-hydrodynamiques a veine liquide/. 19 p3268 A67-35062
CHEVALLIER, J.-P.
 Recent progress in the O.N.E.R.A. hot-shot wind-tunnels. [ONERA-TP-447] 15 p2465 A67-29377
CHEVEREV, N. S.
 Paramagnetic effect under the action of a radiofrequency pressure and electron parametric resonance in a plasma. 07 p1228 A67-19512
CHEYNO, E.
 Vertiport design and operations. [AIAA PAPER 67-891] 24 p4140 A67-43003
CHI, J. W. H.
 Slug flow and film boiling of hydrogen. 22 p3918 A67-40092
CHI, N. D.
 Free-boundary problem for a parabolic equation /Ob odnoi zadache so svobodnoi granitsel dlia parabolicheskogo uravneniia/. 02 p0258 A67-11826
CHI, S. W.
 Influence of temperature ratio on heat transfer to a flat plate through a turbulent boundary layer in air. 04 p0731 A67-15820
 Gas-core nuclear rocket fluid mechanics experiments at Catholic University of America. [AIAA PAPER 67-502] 18 p3076 A67-33966
CHIA, C. Y.
 Influence of imperfections on mechanism of buckling of shallow spherical shells. [AIAA PAPER 67-111] 06 p1104 A67-18453
CHIANG, C. W.
 Free convection in a container of cryogenic fluid. 13 p2227 A67-27644
CHIANG, P. T.
 Electron transport and thermoelectric properties of n-type Bi sub 1.75 Sb sub 0.25 Te sub 3. 03 p0501 A67-14350
CHIANG, T.
 On error torques of squeeze-film cylindrical journal bearings. [ASME PAPER 67-LUB-5] 24 p4162 A67-42669
CHIAO, R. Y.
 Observation of degenerate stimulated four-photon interaction and four-wave parametric amplification. 05 p0844 A67-18379
 A new class of trapped light filaments. 05 p0818 A67-16648
CHIAROTTI, G.
 The excited states of the F center investigated by means of modulated optical absorption. 05 p0864 A67-18801
CHIBA, K.
 High-speed pulse circuits using tunnel diodes. 10 p1609 A67-22773
CHICAULT, R.
 Calculation of noise in a parametric amplifier by an approximate classical method - Justification of the method by random functions /Calcul du bruit dans un amplificateur parametrique par une methode classique approchee - Justification de la methode par les fonctions aleatoires/. 12 p1913 A67-25300
CHICHE, F.
 Some aerodynamic problems related to the propulsion of a hypersonic aircraft /Quelques problemes aerodynamiques lies a la propulsion d'un avion hypersonique/. [ONERA-TP-416] 05 p0748 A67-16481
CHICHEROV, V. M.
 Hydrogen density distribution in a coaxial plasma injector before application of high voltage to the electrodes. 06 p1040 A67-18086
CHICK, B. B.
 Acoustic-waveform distortion due to nonlinear elastic behavior in cadmium sulfide. 08 p1353 A67-20485
CHICK, T. T.
 Instrumentation ships - Present and future. [AAS PAPER 67-52] 15 p2468 A67-30117
CHICUREL, R.
 Use of mass as a perturbation parameter in vibrations. [ASME PAPER 67-VIBR-7] 11 p1872 A67-24167
CHIDAMBARA, M. R.
 On "A method for simplifying linear dynamic systems." 11 p1772 A67-24898
 Further remarks on simplifying linear dynamic systems. 15 p2457 A67-29370
 On the inverses of certain matrices. 15 p2509 A67-29371
CHIDSEY, I.
 Ionospheric inhomogeneities over Wallops Island. [AGARDOGRAPH 95] 15 p2483 A67-30296
CHIEH, H. T.
 Stability of control systems with multiple nonlinearities and multiple inputs. 06 p0973 A67-17601
CHIEN, Y. T.
 On Bayesian learning and stochastic approximation. 18 p3070 A67-33497
CHIESI, F.
 Transitional combustion phenomena in solid-propellant rocket motors in unsteady conditions /Fenomeni transitori di combustione in endoreattori a propellente solido in condizioni non stazionarie/. 08 p1373 A67-20781
 Influence of some characteristic parameters on the low frequency instability in bi-propellant rocket engines. 19 p3311 A67-35052
CHIGIER, N. A.
 Experimental investigation of swirling vortex motion in jets. 17 p2838 A67-32417
 Aerodynamic study of turbulent burning free jets with swirl. 18 p3151 A67-33815
CHIGVINADZE, D. G.
 Damping of oscillations of a type two superconductor in a magnetic field. 20 p3505 A67-36203
CHIKHACHEV, B. M.
 Stable wide-base radio interferometer /Stabil'nyi radiointerferometr s bol'shoi bazoi/. 04 p0621 A67-15186
 A stable radio interferometer with a large base. 15 p2436 A67-29353
 Frequency and time of propagation of radio waves in a spherically symmetrical gravitational field /Chastota i vremia rasprostraneniia radiovoln v sfericheski simmetrichnom gravitatsionnom pole/. 20 p3386 A67-37523
 Method for measuring the gravitational radio-wave frequency shift in an experiment with an artificial earth satellite /Sposob izmereniia gravitatsionnogo sdviga chastoty radiovoln v opyte s iskusstvennym sputnikom zemli/. 20 p3386 A67-37524
 Experiment concerning the operation of a molecular-beam laser on board a satellite /Opyt raboty molekuliarnogo generatora na iskusstvennom sputnike zemli/. 21 p3582 A67-38594
CHIKHAOU, M. T.
 The effect of BSC on PCM picture quality. 20 p3386 A67-37496
CHIKMACHEV, V. I.
 Preparation of a catalog for the interpretation of objects in the eastern sector of the far side of the moon /Sostavlenie kataloga deshifirovannykh ob'ektov vostochnogo sektora obratnoi storony luny/. 11 p1867 A67-24844
CHIKOVA, L. O.
 Isobaric mechanism of high-energy pion generation in cosmic rays /Ob izobarnom mekhanizme generatsii vysokoennergichnykh pionov v kosmicheskikh luchakh/. 24 p4218 A67-42841
CHIKOVANI, D. S.
 Relation between S sub q variations and drift in the ionosphere /Sviaz' S sub q - variatsii drelfa v ionosfere/. 16 p2669 A67-31908
CHIKOVANI, R. I.
 Determination of the photoionization cross section of negatively charged indium atoms in silicon. 08 p1367 A67-20410
CHILCOTT, R. E.
 A review of separated and reattaching flows with heat transfer. 17 p2790 A67-32448
CHILDERS, D. G.
 Antenna reception of nonisotropic stochastic fields. 02 p0191 A67-11588
 Generalized spatiotemporal correlation functions for antennas. 12 p1917 A67-26089
CHILDERS, M. G.
 Structures and materials for hypersonic vehicles. 03 p0525 A67-13793
 Structures and materials for supersonic aircraft and space vehicles /Konstruktionen und Materialien fuer Ueberschall-Luft- und Raumfahrzeuge/. 09 p1576 A67-22429
CHILDRESS, J. D.
 Nucleation and growth of reverse domains. 13 p2179 A67-27141
 Self-decoration effect in lithium ferrite. 22 p3855 A67-39344
CHILDS, N.
 Micropower redundant circuits correct errors automatically. 07 p1155 A67-19844
CHILTON, J. M.
 Identification of strengthening precipitates in 18Ni /250/ aluminum, vanadium, and titanium maraging steels. 22 p3822 A67-40059
CHILVER, A. H.
 Structural loading actions. 01 p0163 A67-11014
 Coupled modes of elastic buckling. 08 p1422 A67-21032
CHIMENTI, E. T.
 Thermal analysis of the Apollo - A computer technique which accounts for the influence of self-shadowing. 02 p0334 A67-12390
CHIMONAS, G.
 Some comments on atmospheric measurements from satellite-borne experiments. 14 p2310 A67-27959
CHIN, G. Y.
 Metallurgy of soft magnetic materials. II. 13 p2178 A67-27140
CHIN, J.
 Effects of additions of non-metals on the properties of vapor-deposited tungsten. 09 p1519 A67-22348
CHIN, Y. T.
 Effect of lateral curvature on the characteristics and skin friction of a turbulent air boundary layer with and without helium addition. 16 p2659 A67-30952
CHINCHEVOI, M. M.
 Effects of the external sources of the geomagnetic field at the altitude of the F2 layer. I /Ob effektivakh vneshnikh istochnikov magnitnogo polia na vysotakh sloia F2.

- I/. 05 p0800 A67-17119
Effects of external sources of the magnetic field at F sub 2-layer heights. I. 21 p3618 A67-38462
- CHINCHOLLE, L.**
Autopropulsion of a bubble by the rocket effect - Applications /Autopropulsion d'une bulle par effet fusée - Applications/. 24 p4141 A67-41904
- CHINENKOV, I. A.**
Experimental study of turbulent flow of an electrically conducting fluid in a pipe in a longitudinal magnetic field /Eksperimental'noe issledovanie turbulentnogo techeniya elektroprovodnoi zhidkosti v trube v prodol'nom magnitnom pole/. 06 p1044 A67-18689
- CHINENKOV, L. A.**
Magnetic switching elements in radio electronics /Magnitnye kommutatsionnye elementy radioelektroniki/. 11 p1765 A67-24515
Shift register without shunting diodes /Registr sdviga bez shuntiruyushchikh diodov/. 11 p1769 A67-25042
- CHING, A.**
A new technique for mechanical strength testing of rapidly charred ablation materials. 21 p3650 A67-38874
- CHINNOV, V. F.**
Experimental investigation of the radiation of an Ar-K plasma /Eksperimental'noe issledovanie izlucheniya Ar-K plazmy/. 16 p2710 A67-30522
- CHINOWSKY, S.**
Comparison of lightweight structural materials - Be, and alloys of Be, Mg, Al, and Ti. [SAE PAPER 680652] 01 p0094 A67-10613
- CHIPLOKAR, V. T.**
Electronic space-charge neutralisation in a thermionic converter. 08 p1286 A67-21177
Radial particle profile in negative glow neon plasma. 08 p1362 A67-21288
Radial profiles of carrier density and energy in diffusion controlled plasma. 20 p3501 A67-37239
- CHIQUET, P.**
Space installations in France /L'infrastructure spatiale en France/. 14 p2320 A67-28606
- CHIRBA, V. G.**
Superconducting energy gap of bulk lanthanum by point contact tunneling. 11 p1846 A67-24585
- CHIRKIN, A. N.**
Concerning temperature autostabilization of ferroelectric ceramics. 03 p0498 A67-13707
- CHIRKIN, A. S.**
Statistical effects connected with the generation of optical harmonics. 03 p0467 A67-12928
Frequency doubling of spectral lines of finite width during wave interactions in a nonlinear medium /Ob udvoenii chastoty spektral'noi lini konechnoi shiriny pri volnovykh vzaimodelstviiakh v nelineinoi srede/. 04 p0657 A67-15146
Doubled frequency of a spectral line of finite width for wave interactions in a nonlinear medium. 15 p2517 A67-29333
- CHIRKIN, L. K.**
Thermal processes in thin films. 18 p3100 A67-33766
- CHIRKIN, V. P.**
Solution of a differential equation of the form second derivative of x plus p/t/x equals 0 /K voprosu o reshenii differentsial'nogo uravneniya vida vtoraya proizvodnaya od x ravniatsya 0/. 02 p0260 A67-12668
- CHIRKOV, N. P.**
Annual variations in the intensity of cosmic rays /Godovye variatsii intensivnosti kosmicheskikh luchei/. 02 p0307 A67-11665
Asymmetry in cosmic ray variations. 02 p0311 A67-12596
Distribution of cosmic rays and the reception vectors of the detector. I /Raspredelenie kosmicheskikh luchei i priemnye vektory detektorov. I/. 05 p0884 A67-17121
Cosmic-ray distribution and receiving vectors of detectors. II /Raspredelenie kosmicheskikh luchei i priemnye vektory detektorov. II/. 10 p1698 A67-22778
Annual variations of cosmic-ray intensity. 16 p2738 A67-31080
Cosmic-ray distribution and the acceptance vectors of detectors. I. 21 p3698 A67-38464
Cosmic-ray distribution and the reception vectors of detectors. III /Raspredelenie kosmicheskikh luchei i priemnye vektory detektorov. III/. 21 p3699 A67-39018
Sidereal diurnal variations caused by the modulation of cosmic rays /Zvezdno-sutochnye variatsii, obuslovlennye modulatsiei kosmicheskikh luchei/. 23 p4059 A67-41129
Use of matrices in the investigation of the distribution of cosmic rays /Ispol'zovanie matrits pri issledovanii raspredeleniya kosmicheskikh luchei/. 23 p4059 A67-41134
Cosmic-ray distribution and the acceptance vectors of detectors. II. 24 p4209 A67-42114
- CHIRKOV, V. P.**
A method of plasma analysis /Ob odnom metode analiza plazmy/. 21 p3675 A67-39032
- CHIRLIAN, P. M.**
Integrated and active network analysis and synthesis. 17 p2830 A67-32732
- CHIRON, B.**
Contribution to the study of new microwave ferrite devices /Contribution a l'etude de nouveaux dispositifs a ferrite en hyperfrequence/. 17 p2826 A67-32744
- CHISHOLM, D.**
Flow of incompressible two-phase mixtures through sharp-edged orifices. 14 p2305 A67-29012
- CHISHOLM, R. M.**
Observations of quasars using interferometer baselines up to 3,074 km. 17 p2947 A67-32760
Diameters of some quasars at a wavelength of 66.9 cm. 24 p4226 A67-41876
- CHISTIAKOV, E. P.**
Titanium alloy ingots /Slitki titanovykh splavov/. 03 p0447 A67-13925
- CHISTIAKOV, N. S.**
Superhigh frequency susceptibility of thin ferromagnetic films in weak magnetic fields. 08 p1387 A67-20605
Superhigh frequency properties of multilayer film systems. 08 p1388 A67-20606
UHF properties of thin magnetic films /Sverkhvysokochastotnye svoystva tonkikh magnitnykh plenok/. 12 p1981 A67-25240
- CHISTUKHIN, V. O.**
Experimental investigation of the stability of cylindrical shells under external pressure /Eksperimental'noe doslidzheniye stikosti tsilindrichnikh obolonok, shcho znakhodiat'sya pid zovnishnim tiskom/. 11 p1880 A67-25054
Experimental investigation of the stability of cylindrical shells under torsion /Eksperimental'noe doslidzheniye stikosti tsilindrichnikh obolonok pri kruchenni/. 18 p3144 A67-34171
- CHISUM, G. T.**
Flashblindness - The effects of preflash adaption and pupil size. 13 p2060 A67-26925
The effect of flash blindness on the performance of naval aviators. 23 p3965 A67-41569
- CHITADZE, N. I.**
Attenuation of solar radiant energy in atmospheric ozone /Oslableniye luchistoi energii solntsa v atmosfere ozona/. 24 p4181 A67-41915
- CHITAYAT, A. K.**
Key elements of metrology with laser interferometers. 15 p2501 A67-30411
- CHITNIS, E. V.**
Study of solar X rays. 12 p1999 A67-25835
- CHITRE, S. M.**
A model of the sunspot umbra. 23 p4067 A67-41230
- CHIU, H.-Y.**
The evolution of the sun. 06 p1091 A67-18995
Neutron stars as X-ray sources. 12 p2007 A67-25768
Neutrinos in astrophysics and cosmology. 14 p2383 A67-27969
A cosmological model for our universe. 16 p2752 A67-31540
Scalar gravitational fields in pulsating stars. 17 p2952 A67-33319
The atmosphere of the sun and other stars. 19 p3322 A67-35327
- CHIU, L.-Y. C.**
Forbidden photo-ionization and electron spin polarization. 09 p1535 A67-22379
- CHIVERS, H. J. A.**
Applications of a new technique for the detection of absorption events using a riometer. 08 p1329 A67-21489
- CHIYODA, K.**
Theory of harmonic generation in a microwave gaseous plasma under an external magnetic field. 14 p2358 A67-28236
An equation for a parametric characteristic in a gaseous plasma. 21 p3667 A67-38415
- CHIZHEK, S. S.**
Position of the pilot's hands and feet on the cockpit controls during training on a simulator /Polozhenie konechnostei na shturvale samoleta vo vremia poteri soznaniya pri imitatsii poleta na trenazhere/. 20 p3374 A67-36264
- CHIZHENKO, I. M.**
Controlled autonomous inverter /Upravlaemiy avtonomnyy invertor/. 07 p1150 A67-19317
- CHIZHENKOV, V. M.**
Aperiodic-transition condition for a four-gyroscope vertical in the case of finite drift angles of the gyroscopes /Usloviye aperiodycheskikh perekhodov chetyrehgiroskopnoi vertikal' pri konechnykh uglakh otkloneniya giroskopov/. 22 p3810 A67-40482
- CHIZHIK, A. A.**
Method of determining the creep index in relaxation tests. 11 p1877 A67-24815
- CHIZHOV, A. F.**
Direct experimental measurement of the water-vapor and atomic-oxygen concentration in the mesosphere /Opyt priamogo izmereniya kontsentratsii vodnogo para i atomarnogo kisloroda v mezosfere/. 16 p2665 A67-31097
- CHIZHOV, A. KH.**
Character of the relationship between the superconducting properties of niobium and its microhardness /O kharaktere svyazi svoystv sverkhprovodimosti niobia s mikroverdst'yu/. 17 p2915 A67-32720
Dependence of J sub c on H and experimental study of destruction of superconductivity by current and magnetic fields in niobium. 23 p4047 A67-41691
- CHIZHOV, S. V.**
Transformation of human waste products and the biocomplex to maintain a life cycle in small closed spaces /O transformatsii produktov zhiznedelat'nosti cheloveka i biokompleksa pri osushchestvlenii krugovorota veshchestv v malyykh zamknytykh prostranstvakh/. 02 p0187 A67-12326
Changes of water-salt metabolism under conditions of 62-day hypokinesia /Izmeneniye vodno-solevogo obmena v usloviyakh 62-sutochnoi glipokinezii/. 16 p2613 A67-30916
Life in the spacecraft and planetary station. 19 p3179 A67-35209
- CHKHETIA, A. M.**
Solar-diurnal variations of cosmic rays in July 1959 /Solnechno-sutochnaya variatsiya kosmicheskikh luchei v iul'e 1959 g./. 17 p2931 A67-32079
Tendency toward a 27-day cycle of phenomena of the electromagnetic complex for the period with the most pronounced effect of the rotation of the sun in cosmic rays /O tendentsii 27-dnevnoi povtoriaemosti iavlenii elektromagnitnogo kompleksa dlia perioda s naibolee vyrazhennym efektom vrashcheniya solntsa v kosmicheskikh luchakh/. 17 p2932 A67-32084
- CHLECK, D.**
Application of "kryptonate" sources to aerospace use. 02 p0265 A67-12214
Aluminum oxide hygrometer - Laboratory performance and flight results. 05 p0808 A67-17307
- CHMIELESKI, R. M.**
Transport properties of a nonequilibrium partially ionized gas. 11 p1775 A67-23866
- CHMIELEWSKI, M.**
Noise measuring device for semiconductor elements in the frequency range from 2 Hz to 30 kHz /Uklad od pomiaru szumow elementow polprzewodnikowych w zakresie czestotliwosci 2 Hz - 30 kHz/. 02 p0223 A67-12797
- CHMIELEWSKI, W. S.**
Recent developments in variational methods for nonequilibrium flows. 24 p4255 A67-42554
- CHO, S. H.**
Integrating sphere reflectometer center-mounted sample blockage effects. [ASME PAPER 67-HT-54] 20 p3447 A67-36736
- CHO, Y. S.**
Stability of feedback systems containing a single odd monotonic nonlinearity. 16 p2646 A67-31639
Stability of feedback systems containing a

- single odd monotonic
nonlinearity. 24 p4136 A67-42187
- CHOATE, R.**
Lunar slope angles and surface roughness from Ranger photographs. [JPL-TR-32-994] 01 p0147 A67-10319
- CHOATE, R. H.**
Free-flight models in wind tunnels. 16 p2675 A67-31259
- CHOBANIAN, K. S.**
Solution of a contact problem for an elastic rectangle. 11 p1876 A67-24679
- CHOBOTOV, V.**
Gravitational excitation of an extensible dumbbell satellite. 22 p3886 A67-40086
- CHODIL, G.**
Spectral and location measurements of several cosmic X-ray sources including a variable source in Centaurus. 21 p3698 A67-38564
Proportional counters and electronic systems for observing cosmic X-rays. 23 p4001 A67-41222
- CHODOS, A.**
Determination of iron, nickel, cobalt, calcium, chromium and manganese in stony meteorites by X-ray fluorescence. 24 p4235 A67-42638
- CHODOSH, S. M.**
A high energy density zinc/oxygen battery system. 13 p2055 A67-26836
- CHOENOT, M.**
Fabrication of the structure of the FR1 satellite at Nord-Aviation /La fabrication de la structure du satellite FR1 a Nord-Aviation/. 07 p1191 A67-19529
- CHOI, H. Y.**
Electrohydrodynamic condensation heat transfer. [ASME PAPER 67-HT-39] 20 p3547 A67-36724
- CHOI, J. H.**
Lower-bound procedure for energy eigenvalues by the partitioning technique. 05 p0848 A67-16836
- CHOI, S. S.**
Autoradiography of plastics composite materials for aerospace applications. 02 p0249 A67-12222
- CHOJNACKI, H.**
On the electric conductivity of hexamethylbenzene. 05 p0871 A67-17379
- CHOMAT, M.**
Statistical distribution of the envelope of an amplitude-modulated laser signal after passage through a turbulent atmosphere. 03 p0438 A67-13988
- CHOMIAK, J.**
Measurement of the mean parameters of a flowing medium /Pomiar parametrow srednich przeplywajacego czynnika/. 09 p1495 A67-21689
- CHONE, B.**
Photovoltaic and photoresistant effects in composite group II and group VI thin films /Les effets photovoltaïques et photoresistants dans les composés II-VI en couches minces/. 08 p1368 A67-20728
- CHONG, C. F.**
A 500-nanosecond main computer memory utilizing plated-wire elements. 19 p3189 A67-36065
- CHONG, D. P.**
Different orbitals for different spins - Singlet S ground state of helium. 03 p0473 A67-13522
- CHOO, S. C.**
Recombination centers in InSb. 15 p2535 A67-29483
- CHOPRA, K. L.**
Polymorphic transformation in epitaxial CdS films. 06 p1047 A67-17599
Face-centered-cubic tungsten films obtained by ion beam sputtering. 07 p1232 A67-19557
Polymorphism in some IV-VI compounds induced by high pressure and thin-film epitaxial growth. 15 p2539 A67-29822
Face-centred cubic modification in sputtered films of tantalum, molybdenum, tungsten, rhenium, hafnium and zirconium. 21 p3677 A67-38091
Hall effect in thin metal films. 22 p3855 A67-39355
Enhancement of superconductivity in tungsten films. 23 p4036 A67-40702
Influence of a superimposed film on the electrical conductivity of thin metal films. 23 p4039 A67-40879
- CHORAFAS, D. N.**
Control Systems Functions and Programming Approaches. Volume B - Applications. 13 p2153 A67-26664
Guidance approaches to air traffic. 13 p2153 A67-26665
Aircraft detection and in-flight tracking. 13 p2153 A67-26666
- CHORNE, J.**
Factors affecting the tensile strength of metals reinforced with strong fibers. 03 p0442 A67-13311
- CHORNEY, P.**
Further generalization of waveguide theorems. 09 p1464 A67-22091
- CHOTKOWSKI, C.**
A determination of the energy spectrum of extraterrestrial electrons in the energy range 70-2000 mev. 15 p2475 A67-29615
- CHOTKOWSKI, CH.**
A charged particle telescope for use in the measurement of the cosmic ray electron spectrum in the energy range 10 Mev-2Gev. 20 p3452 A67-37566
- CHOU, P. C.**
Analysis of a set of dynamic cylindrical shell equations for axisymmetrical motion by method of characteristics. [AIAA PAPER 67-79] 06 p1104 A67-18497
Numerical calculation of blast waves by the method of characteristics. 10 p1625 A67-23110
Axisymmetrical motions of nearly-flat shells of revolution. 10 p1729 A67-23767
Late-stage equivalence in one-dimensional impacts. 11 p1820 A67-24905
Elasticity. 14 p2395 A67-27891
Radial propagation of axial shear waves in nonhomogeneous elastic media. 21 p3719 A67-38146
Solution of one-dimensional elastic wave problems by the method of characteristics. 23 p4072 A67-40610
- CHOU, S.-C.**
Large-deformation theory of shells of revolution. 10 p1730 A67-23836
- CHOU, Y. S.**
Kinetic theory of a spherical electrostatic probe in a stationary plasma. 05 p0857 A67-17423
Source-flow expansion of a partially ionized gas into a vacuum. [AIAA PAPER 67-99] 06 p1041 A67-18281
- CHOUDHURY, A. K.**
Third-order feedback control systems - Their sign patterns and controllability. 06 p0978 A67-18721
- CHOUDHURY, N. K. D.**
Cut-off frequency of a drift transistor. 11 p1759 A67-24143
- CHOVIT, A. R.**
The performance characteristics and mission capabilities of the nuclear rocket engine. 08 p1412 A67-21107
Nuclear propulsion for manned Mars expedition. [AIAA PAPER 67-510] 18 p3077 A67-33974
- CHOVITZ, B. H.**
Dynamical considerations associated with the geometric determination of position from satellites. 05 p0797 A67-16569
- CHOW, C. K.**
An approach to structure adaptation in pattern recognition. 02 p0208 A67-12141
An approach to structure adaptation in pattern recognition. 04 p0578 A67-14797
A class of nonlinear recognition procedures. 04 p0578 A67-14800
- CHOW, C.-Y.**
Hydrodynamic wake around a nonconducting sphere. 08 p1324 A67-21410
Current-carrying fluid past a nonconducting sphere at low Reynolds number. 15 p2469 A67-29224
- CHOW, J.**
Low temperature electrical properties of silicon material. 05 p0861 A67-16502
- CHOW, K. K.**
Phase shifter in C-, X-, and Ku-bands using segregated-mode resonance in single crystal YIG. 13 p2076 A67-26479
- CHOW, P. E. K.**
Directional properties of circular arrays. 15 p2454 A67-30138
- CHOW, P. L.**
Microslips between contacting paraboloids. [ASME PAPER 67-APM-12] 15 p2505 A67-30149
Microslips between contacting paraboloids. [ASME PAPER 67-APM-12] 17 p2871 A67-32411
Some non-Newtonian effects in the decay of isotropic turbulence. 22 p3787 A67-40221
- CHOW, S. M.**
Range and Doppler resolution of a frequency-scanned filter. 09 p1466 A67-22695
- CHOW, T. S.**
The elasto-hydrodynamic problem with a viscoelastic fluid. [ASME PAPER 67-LUB-23] 24 p4163 A67-42681
- CHOW, W. L.**
Installed performance of air-augmented nozzles based on analytical determination of internal ejector characteristics. [AIAA PAPER 65-596] 03 p0350 A67-12903
Hypersonic rarefied flow past the sharp leading edge of a flat plate. 19 p3171 A67-35735
- CHOW, Y. L.**
On grating plateaux of the conformal array - A class of planar nonuniformly spaced arrays. 02 p0211 A67-11599
- CHOWDHURY, N.**
A note on geomagnetic activity and sporadic E. 17 p2844 A67-32546
- CHOWN, J. B.**
Voltage breakdown of monopole antennas in the atmospheres of Venus and Mars. 19 p3197 A67-35829
- CHREST, S. A.**
Rocket sampling of noctilucent cloud particles during 1964 and 1965. 19 p3216 A67-35194
- CHRISPIN, B.**
Systems thinking and systems management - Indispensable in rocket motor manufacture /Systemdenken und Systemfuehrung unerlaesslich im Raketentriebwerksbau/. 18 p3111 A67-33638
- CHRISTENSEN, E. H.**
Flight thermal environment and temperature control of Centaur electronic packages. 05 p0778 A67-17453
- CHRISTENSEN, E. M.**
Ranger and Mariner temperature control experiences. 03 p0517 A67-13071
Lunar surface mechanical properties - Surveyor 1. 08 p1386 A67-20942
- CHRISTENSEN, J. M.**
Performance capabilities of man on earth and in space - A study in continuity. 08 p1289 A67-21068
- CHRISTENSEN, L. J.**
High current duoplasmatron ion source with ferrite permanent magnets. 02 p0279 A67-12694
- CHRISTENSEN, N.**
The solubility of niobium /columbium/ carbide in gamma iron. 24 p4173 A67-42348
- CHRISTENSEN, R. H.**
Growth of fracture in metal under random cyclic loading. 16 p2774 A67-31320
Limitations of fatigue-crack research in the design of flight vehicle structures. 24 p4247 A67-41942
- CHRISTENSEN, R. M.**
Large elastic deformation of a spherical wedge. 21 p3721 A67-38380
- CHRISTENSEN, R. W.**
Basic EL designs for space and military applications. 11 p1766 A67-24628
- CHRISTENSEN, U. R.**
Axisymmetric minimum average B configuration of a triply connected system. 05 p0809 A67-17446
- CHRISTENSON, E. A.**
Ion-neutral propulsion in atmospheric media. 21 p3696 A67-38856
- CHRISTIAN, J. B.**
Advanced aerospace greases. [ASLE PAPER 66AM 3C2] 09 p1506 A67-22421
Submicron boron nitride as a grease thickener. II. [ASLE PREPRINT 67AM 2C-2] 14 p2325 A67-28785
- CHRISTIAN, J. L.**
Mechanical properties of several nickel-base alloys at room and cryogenic temperatures. 13 p2142 A67-27876
- CHRISTIAN, J. R.**
Method for laser-beam cleaning. 09 p1512 A67-22042
- CHRISTIAN, J. W.**
Experiments on the deformation of niobium single crystals. I. 14 p2339 A67-29030
Experiments on the deformation of niobium single crystals. II. 14 p2339 A67-29031
- CHRISTIENSEN, D.**
Integrated circuits in action. I - The great design dilemma. 01 p0034 A67-10271

- CHRISTIANSSEN, E. B.
Laminar flow heat transfer. 04 p0720 A67-14510
Laminar flow heat transfer. 05 p0925 A67-16271
- CHRISTIANSSEN, H. M.
Pulse terminal devices /Puls-Endgeraete/. 07 p1150 A67-19341
- CHRISTIANSSEN, H. N.
Synthesis of a space truss based on dynamic criteria. 03 p0526 A67-13968
- CHRISTIANSSEN, W. N.
The design of radio telescopes. 23 p3980 A67-41081
- CHRISTIE, K. V.
Simulation technique for extended-duration manned space missions. [AIAA PAPER 67-206] 06 p0981 A67-18512
- CHRISTIE, P. I.
Vibration in cylindrical shafts. 12 p1949 A67-25411
Natural frequencies of bladed discs. 12 p2014 A67-25417
- CHRISTIE, R. J.
Identification of inadequate subsystems - Development of sampling plans. 01 p0084 A67-11370
- CHRISTMANN, H.
Decay of electric conduction in the column of a N sub 2 cascade arc after current interruption /Das Abklingen des elektrischen Leitwertes in der Saule eines N sub 2 - Kaskadenbogens nach Unterbrechung des Stromes/. 19 p3282 A67-35157
- CHRISTOPHE-GLAUME, J.
Excitation of the forbidden nitrogen doublet super 4 S-super 2 D observed in night airglow during a traveling ionospheric perturbation /L'excitation du doublet interdit super 4 S-super 2 D de l'azote observee dans la luminescence nocturne au cours d'une perturbation ionospherique itinerante/. 15 p2474 A67-29479
- CHRISTOPHER, P.
Rain effects at random antenna elevation. 11 p1753 A67-24303
- CHRISTOS, T.
Preignition phenomena in small A-50/NT0 pulsed rocket engines. [AIAA PAPER 67-516] 18 p3114 A67-33979
Combustion characteristics of condensed-phase hydrazine-type fuels with nitrogen tetroxide. 21 p3687 A67-37798
- CHRISTOSKOV, L.
A possible connection between the earth's seismic activity and the annual change in the sun-earth radius. 19 p3221 A67-35430
- CHRISTOV, S. G.
Unified theory of thermionic and field emission from semiconductors. 16 p2725 A67-30805
- CHRISTY, J. W.
Color photographs of astronomical objects. 06 p1002 A67-17975
- CHRISTY, R. F.
Computational methods in stellar pulsation. 14 p2392 A67-28996
- CHU, C. K.
Alfven waves and induction drag on long cylindrical satellites. [AIAA PAPER 66-478] 04 p0704 A67-14829
Hydromagnetic shock waves and ionizing shock waves. 05 p0851 A67-16416
Numerical experiments of magnetohydrodynamic shocks and the stability of switch-on shocks. 11 p1825 A67-23854
The high Mach number Rayleigh problem according to the Krook model. 13 p2102 A67-26968
Some remarks on the stability of hydromagnetic shock waves. 20 p3493 A67-36143
- CHU, C. W.
Interaction of two cylindrical jets. 06 p0944 A67-18888
Will pressure destroy superconductivity/ques/. 19 p3303 A67-35043
- CHU, C.-W.
Compatibility relations and a generalized finite-difference approximation for three-dimensional steady supersonic flow. 08 p1320 A67-20566
- CHU, P. L.
Electrical characteristics of corners in surface-wave lines. 24 p4119 A67-41971
- CHU, S. C.
The Goursat problem for the partial differential equation $u_{sub} xyz$ equals $f - A$

- mirage. 09 p1525 A67-22624
- CHU, T. L.
Chemical deposition of dielectrics for thin film circuits and components. 14 p2369 A67-28612
The preparation and C-V characteristics of Si-Si sub 3 N sub 4 and Si-SiO sub 2 -Si sub 3 N sub 4 structures. 21 p3678 A67-38151
Epitaxial growth of aluminum nitride. 23 p4037 A67-40722
- CHU, T. S.
On the wavelength dependence of the spectrum of laser beams traversing the atmosphere. 05 p0763 A67-16793
On coherent detection of scattered light. 23 p3973 A67-40835
- CHU, T. Y.
Determination of gas-bearing stability by response to a step-jump. [ASME PAPER 67-LUBS-5] 16 p2682 A67-31383
Stability considerations for a gas-lubricated tilting-pad journal bearing. I. [ASME PAPER 67-LUB-8] 24 p4162 A67-42672
- CHU, W. H.
Some studies of nonlinear lateral sloshing in rigid containers. 05 p0790 A67-16135
- CHU, W. W.
A mathematical model for diagnosing system failures. 18 p3006 A67-34065
- CHU, W.-H.
A theory for nonlinear transverse vibrations of a partially filled elastic tank. [AIAA PAPER 67-74] 06 p1101 A67-18272
A theory for nonlinear transverse vibrations of a partially filled elastic tank. [AIAA PAPER 67-74] 21 p3727 A67-38866
- CHUAN, R. L.
Ignition of hypergolic propellants in a simulated space environment. 07 p1183 A67-19385
Analysis of high sticking coefficient cryopanel arrays for the simulation of the permissive nature of the space environment. 09 p1485 A67-22122
- CHUANG, H. N.
The effect of a transverse magnetic field on the thermoelectric properties of polycrystalline bismuth-antimony alloys. [ASME PAPER 66-WA/ENER-4] 04 p0682 A67-15368
- CHUANG, K. C.
The elevated temperature reactivity in boron metal matrix composite materials. 03 p0445 A67-13438
- CHUBACHI, T.
A graphical method of solving flutter problem of the helicopter blade in hovering state. 09 p1573 A67-21743
- CHUBAROV, L. A.
Simulation of the motion of a gyroscopic pendulum /Modelirovanie dvizheniya giroskopicheskogo malatnika/. 13 p2118 A67-26350
- CHUBB, B. A.
Modern Analytical Design of Instrument Servomechanisms. 08 p1332 A67-21171
- CHUBB, E.
Omnidirectional instantaneous direction finding system. 11 p1764 A67-24444
- CHUBB, E. J.
Cyclic loading of a tube with creep, plasticity, and thermal effects. 12 p2016 A67-25424
- CHUBB, J. N.
Monte Carlo calculations of molecular gas flow. 09 p1488 A67-22105
- CHUBB, R. M.
Ejection capability versus the decision to eject. 22 p3754 A67-39596
- CHUBB, S. B.
Evaluation of wire lacing for the control of gas turbine blade vibration. [ASME PAPER 67-VIBR-47] 11 p1797 A67-24197
- CHUBB, T. A.
X-ray astronomy. 01 p0144 A67-10900
Distribution and variability of cosmic X-ray sources. 12 p1999 A67-26172
The determination of the profile of the night sky hydrogen Lyman Alpha emission line. 22 p3790 A67-39805
- CHUBB, W. B.
Attitude control and precision pointing of the Apollo telescope mount. [AIAA PAPER 67-534] 19 p3334 A67-35936
- CHUBINSKII, O. V.
Investigation of the radiation resistance of silicon semiconductor detectors when irradiated by protons with an energy of 2.3

- Mev /Issledovanie radiatsionnoi stolkostoi kremlevykh poluprovodnikovyykh detektorov pri obluhenii protonami s energiei 2,3 Mev/. 21 p3628 A67-38596
- CHUDAKOV, A. D.
Test system for static tests of a combinative unit for comparing two quantities given in a binary code. 05 p0768 A67-16265
- CHUDAKOV, A. E.
Search for 10 super 13 ev photons from local radio sources. 02 p0311 A67-12587
Ionization luminescence of air and the possibilities of using it to record extensive air showers /Ionizatsionnoe sveschenie vozdukhia i vozmozhnosti ego ispol'zovaniia dlia registratsii shirokikh atmosferykh livnei/. 02 p0318 A67-12781
Cosmic ray variations according to the Zond 3 and Venera 2 probes /Variatsii kosmicheskikh luchei po dannym stantsii Zond-3 i Venera-2/. 05 p0884 A67-17025
Measurement of protons of solar origin with energies from 1 to 5 Mev during the flights of the Venera-2, Venera-3, and Zond-3 stations /Izmereniia pri polete stantsii Venera-2, Venera-3 i Zond-3 protonov solnechnogo proiskhozhdeniia s energiei 1-5 Mev/. 06 p1077 A67-17844
Measurements of the cosmic ray intensity during the flight of the Zond-3 automatic space probe. 10 p1701 A67-23230
Cosmic-ray studies in interplanetary space and on the moon. 12 p1992 A67-25123
Time variations of the intensity in the outer belt and near its boundary deduced from Electron 1 and Electron 2 data. 12 p1997 A67-25815
Results of investigations of geometrical position and of composition of the earth's radiation belt particles according to Electron 1 and Electron 2 data. 12 p1998 A67-25816
Investigations of primary cosmic radiation by the Electron 2 and Electron 4 satellites. 12 p1998 A67-25827
Ionization glow of air and the possibility of utilizing this effect for recording extensive air showers. 22 p3878 A67-40283
Eleven-year cycle of cosmic-ray intensity beyond the earth's magnetosphere /11-letnii khod intensivnosti kosmicheskikh luchei vne magnitosfery zemli/. 23 p4055 A67-41101
Cosmic-ray variations in various regions of interplanetary space, according to data from the Zond 3 and Venera 2 stations /Variatsii kosmicheskikh luchei v razlichnykh oblastakh mezplanetnogo prostranstva, po dannym stantsii Zond-3 i Venera-2/. 23 p4055 A67-41102
Measurement of sun-emitted 1 to 5-Mev protons on Venera 2 and 3 and Zond 3 stations /Izmereniia pri polete stantsii Venera-2, Venera-3 i Zond-3 protonov solnechnogo proiskhozhdeniia s energiei 1-5 Mev/. 23 p4056 A67-41112
- CHUDNOVSKII, F. A.
Measurement of the surface temperature of an oxide cathode for a pulsed emission current. 24 p4129 A67-42231
- CHUDOV, L. A.
Asymptotic investigation of a viscous compressible gas flow around a blunt body /Asimptoticheskoe issledovanie tekheniia vlazkogo szhimaemogo gaza okolo zatuplennogo tela/. 22 p3740 A67-40014
- CHUENKOV, V. A.
Contribution to the theory of impact ionization in ionic semiconductors /K teorii udarnoi ionizatsii v ionnykh poluprovodnikakh/. 09 p1554 A67-21971
Theory of impact ionization in ionic semiconductors. 17 p2923 A67-33308
- CHUGAEV, V. N.
Recrystallization of thin semiconductor films under the action of laser radiation /Rekristallizatsiia tonkikh poluprovodnikovyykh plенок pod vozdeistviem izlucheniia lazera/. 03 p0498 A67-13839
Investigation of recrystallization of thin films under electron bombardment. 13 p2177 A67-27071
Recrystallization of thin semiconductor films by exposure to laser radiation. 13 p2185 A67-27720
- CHUGARIAN, E. V.
Toward a nonrelativistic theory of rotating configurations /K nerelativistskoi teorii vrashchalushchikhsia konfiguratsii/. 14 p2382 A67-27833
- CHUGUNOV, A. V.
Study of the dynamics of the operation of

- a system of pulsed potential elements operating on tunnel diodes /Issledovanie dinamiki raboty sistemy impul'snopotentsial'nykh elementov na tunnel'nykh diodakh/. 05 p0772 A67-16451
- CHUGUNOV, I. V.**
Emission from a charge in a convectively unstable medium /Ob izlucheni zariada v srede s konvektivnoi neustoiichivost'iu/. 05 p0762 A67-16353
- CHUIKIN, E. I.**
Measurement of the vertical intensity of rigid gamma-quanta at various atmospheric depths /Izmerenie vertikal'noi intensivnosti zhestkikh gamma-kvantov na razlichnykh glublinakh atmosfery/. 05 p0879 A67-16098
Measurement of the vertical intensity of hard gamma rays at different depths in the atmosphere. 24 p4213 A67-42774
- CHUIKO, S. V.**
Normal combustion stability of porous systems under constant pressure /Ob ustoiichivosti normal'nogo goreniia poristykh sistem pod postoiannym davleniem/. 12 p2039 A67-26112
Conditions for ignition of the pore walls in the burning of a porous charge. 17 p2974 A67-33142
- CHUIKOV, B. A.**
State of oxygen desorbed from the tungsten surface. 15 p2434 A67-30100
On the possibility of oxide formation on the tungsten surface at room temperature. 19 p3244 A67-34942
- CHUISTOV, K. V.**
Nature of structural changes during the early stages of decomposition of an oversaturated solid solution of titanium in cobalt /O prirode strukturnykh izmenenii na nachal'nykh stadiakh raspada peresyshchennogo tverdogo rastvora titana v kobalte/. 02 p0255 A67-11865
The initial stages of disintegration of Co-Ta and Co-Nb supersaturated solid solutions. 08 p1342 A67-20812
- CHUKHANOV, Z. F.**
Investigation of the hydrodynamics and mass transfer between a "sharp" gas jet and a liquid. 04 p0727 A67-15754
- CHULKOV, P. P.**
Nonlinear equations of shallow multilayer shells of regular structure /Nelineinye uravneniia pologikh mnogosloinykh obolochek reguliarnogo stroeniia/. 12 p2029 A67-25668
- CHUMACHENKO, B. A.**
Examination of algorithms for treatment of random signals by the Monte Carlo method /Issledovanie algoritmov pererabotki sluchainykh signalov metodom Monte-Karlo/. 16 p2643 A67-30922
- CHUMACHENKO, V. S.**
Specialized amplifier for studying high-speed technological processes /Spetsializirovannyi uslitel' dlia issledovaniia skorostnykh tekhnologicheskikh protsessov/. 21 p3600 A67-38918
- CHUMAK, I. U. V.**
Statistical characteristics of meteor radio echoes in the epoch of the Geminides stream in 1963 /Statisticheskie kharakteristiki meteornykh radioekho v epokhu potoka Geminid 1963 g./. 05 p0889 A67-16205
Some results of the use of trains of the intermediate type for measuring the electron density in a meteor train /Nekotorye rezul'taty ispol'zovaniia sledov promezhutochnogo tipa dlia izmereniia elektronnoi plotnosti v meteornom slede/. 05 p0889 A67-16206
Experimental study of the distribution of meteoric bodies according to energies /Eksperimental'noe issledovanie raspredeleniia meteornykh tel po energiiam/. 13 p2197 A67-26507
- CHUMBALOVA, R. A.**
Study of the day-to-day anisotropy during the solar-activity minimum /Issledovanie anizotropii oto dnia ko dni v minimume solnechnoi aktivnosti/. 23 p4058 A67-41122
- CHUN, D. H.**
Stability of the plane incompressible viscous wall jet subjected to small disturbances. 16 p2660 A67-31213
- CHURAEV, O. N.**
Statistical effects connected with the generation of optical harmonics. 03 p0487 A67-12928
- CHUNG, D. H.**
Large scale integration of arithmetic functions utilizing picosecond circuits. 15 p2452 A67-29936
- CHUNG, J. K. C.**
The determination of periodic modes in relay systems using the state space approach. 06 p0978 A67-18719
- CHUNG, P. L.**
Thermal study of groups II-IV semiconductors - Lattice heat capacities and free energies of formation - Heat capacity of Mg sub 2 Si from 15 deg-300 deg K. 23 p4047 A67-41533
- CHUNG, P. M.**
Approximate analysis of an electrostatic probe for electron density measurements on re-entry vehicles. 04 p0705 A67-15231
Diagnostic equations of electrostatic double probes for continuum plasmas. 19 p3267 A67-34830
Compressible boundary layer-inviscid flow interactions in entrance region of internal flows. [ASME PAPER 67-HT-2] 20 p3421 A67-36701
- CHUPP, E. L.**
The 0.5 Mev gamma ray flux and the energy loss spectrum in CsI(Tl) at 4 g/cm super 2. 16 p2739 A67-31406
The neutron flux in space after the November 15, 1960, polar cap neutron event. 20 p3519 A67-37406
- CHURAEV, V. A.**
Structure of plasmoids from a conical induction source /Struktura plazmennyykh sgustkov induktsionnogo konicheskogo istochnika/. 15 p2526 A67-29255
- CHURAKOV, V. N.**
Pilotless aircraft and missiles /Bespilotnye letatel'nye apparaty/. 15 p2564 A67-29242
Similarity criteria in the theory of plastic strains for polymers /O kriteriakh podobliia v deformatsionnoi teorii plastichnosti polimerov/. 15 p2573 A67-29466
- CHURAKOVA, S. V.**
Optimum control problem for systems after-effect /Odnazadacha optimal'nogo upravleniia v sistemakh s posledeistviem/. 04 p0591 A67-14667
Problem of controllability of linear systems with an aftereffect /K probleme upravliaemosti lineinykh sistem s posledeistviem/. 14 p2291 A67-28384
- CHURCH, C. H.**
Studies of highly radiative plasmas using the wall-stabilized pulsed arc discharge. [AIAA PAPER 66-184] 01 p0125 A67-11160
- CHURCH, L.**
Design data for a reinforced plastics system. [ASM PAPER C6-21.1] 23 p4022 A67-41403
- CHURCH, M. J.**
Airline operation and maintenance requirements for fasteners. 24 p4161 A67-42082
- CHURCH, R. F.**
Numerical evaluation of definite integrals. 09 p1524 A67-21834
- CHURCHILL, R. E.**
System design tradeoffs and economic planning. 01 p0170 A67-11349
- CHURIKOV, V. A.**
Existence conditions for the Green's function of a boundary-value problem /Ob usloviakh sushchestvovaniia funktsii Grina kraevoi zadachi/. 03 p0457 A67-13114
Conditions for the existence and preservation of the sign in Green's function of the two-point boundary value problem /Ob usloviakh sushchestvovaniia i sokhraneniia znaka funktsii Grina dvukhtochnoi kraevoi zadachi/. 11 p1813 A67-24519
- CHURILOV, G. E.**
An automatic frequency-control system using a superconducting resonator /Sistema avtomaticheskoi podstroiki chastoty s ispol'zovaniem sverkhprovodiashego rezonatora/. 19 p3192 A67-34984
A discriminator with an I.F. error signal for automatic frequency control of a reflex klystron /Diskriminator s signalom oshibki na promezhutochnoi chastote dlia avtomaticheskoi podstroiki chastoty otrazhatel'nogo klstrona/. 19 p3228 A67-34991
- CHURKIN, V. M.**
Braking a throttle hydraulic actuating mechanism loaded with an inertial mass /O tormozhenii drossel'nogo gidravlicheskogo ispolnitel'nogo mekhanizma, nagruzhennogo inertsionnoi massoi/. 01 p0012 A67-10496
On braking a throttle hydraulic actuating mechanism that is loaded by an inertial mass. 10 p1597 A67-23618
- CHUSHKIN, P. I.**
Plane, cylindrical, and spherical explosions in a gas with a counterpressure /Ploskii, tsilindricheskii i sfericheskii vzryv v gaze s protivodavleniem/. 05 p0793 A67-17099
Flow of a conducting gas in a supersonic nozzle /Techenie provodiashego gaza v sverkhzvukovom sope/. 06 p1043 A67-18669
Magnetized blunt bodies in a hypersonic gas flow. 16 p2594 A67-31579
Numerical calculation of a supersonic flow incident at an angle of attack on bodies with a duct /Chislennyi raschet sverkhzvukovogo obtekanii tel s protokom pod uglom ataki/. 18 p2984 A67-34212
- CHUTOV, I. I.**
Nature of a moving plasma obtained in an electrically driven shock tube /Do pitaniia pro prirodu rukhomoi plazmi, iaka oderzhuet'sia v elektrorozriadnii udarnii trubtsi/. 20 p3501 A67-37145
Some effects in a contact between a cold electrode and a moving plasma obtained in a discharge shock tube /Delaki lavishcha na kontakti kholodnogo elektroda z rukhomoiu plazmou, iaka oderzhuet'sia v elektrorozriadnii udarnii trubtsi/. 22 p3846 A67-39505
- CHUZHKO, R. K.**
Change in the shape of metals under the simultaneous effects of thermal cycling and an external load. 19 p3244 A67-34929
- CHVOJKOVA, E.**
Sunspot appearance and stars with pulsating magnetic field from Jensen's theory of magnetic tubes. 12 p2000 A67-25135
A critical particle velocity and particles "frozen" in a given point of the magnetic field line. 13 p2204 A67-27432
- CHYNOWETH, A. G.**
Mechanism of the Gunn effect. 06 p1067 A67-18961
- CHYTIL, B.**
Distribution of instantaneous value of amplitude of signal after scattering on meteor trails. 07 p1250 A67-19721
The basic characteristics of the scintillation of radio waves after passing through the ionosphere. 13 p2115 A67-26857
The distribution of amplitude scintillation and the conversion of scintillation indices. 21 p3617 A67-38002
- CHYUNG, D. H.**
Linear optimal systems with time delays. 03 p0392 A67-13270
An approximation to bounded phase coordinate control problem for linear discrete systems. 11 p1771 A67-24891
- CHZHOU, M.-I.**
The optimum averaging periods for measurements of meteorological fields. 02 p0263 A67-12644
- CHZHU, V.-K.**
Viscosity and thermal conductivity of the vapors of sodium and potassium. 09 p1579 A67-21865
- CIAMPI, M.**
Determination of average plasma conductivity by RF probes. 22 p3844 A67-39366
- CIAPONI, A. J.**
Short duration shock machine. 12 p1923 A67-25707
- CIARROCCA, S.**
Stray field modulation effects in the rubidium magnetometer. 20 p3448 A67-36876
- CIBIN, P.**
Characteristics of the ion and electron emission from the magnetron gas discharge. 19 p3277 A67-35121
- CICALA, P.**
The calculation of axially symmetrical vessels. 06 p1105 A67-18588
Parametric expansions in the linear theory of cylindrical shells. 19 p3339 A67-35054
- CICCHINI, A. A.**
The cosmic-ray nucleonic component in the Antarctic zone. 10 p1699 A67-22862
Measurements of the nucleonic component in the lower atmosphere. 17 p2842 A67-32364
- CICCI, F.**
Crack propagation in clad 7079-T6 aluminum alloy sheet under constant and random amplitude fatigue loading. 24 p4170 A67-41949
- CICHETTI, M.**
Investigation of some effects influencing power parametric converter efficiency. 11 p1766 A67-24647

- CICHOWICZ, L.**
Introduction to the science of selenodesy
/Wstep do studium selenodezji/. 20 p3530 A67-37549
- CIEPLUCH, C. C.**
Status of the 260-inch diameter solid rocket motor program. 15 p2548 A67-30150
- CIJAN, B. J.**
The aerodynamic merging of wings, fuselage and cockpit. 01 p0006 A67-10970
- CIMORELLI, S. A.**
Multiple blast-shock interaction - Re-entry "shock-on-shock" intercept simulation. 12 p1929 A67-25730
- CINCA, N.**
The dynamics of the ophthalmic artery in hypoxia /La dynamique de l'artere ophthalmique en hypoxie/. 16 p2611 A67-30757
- CINDRICH, I.**
Image scanning by rotation of a hologram. 21 p3624 A67-37852
- CINELLI, G.**
Dynamic vibrations and stresses in elastic cylinders and spheres. 05 p0908 A67-16138
- CIOBANU, G.**
Electrical conductivity in microcrystalline metal films. 02 p0292 A67-11748
- CIPRIOS, G.**
Recent developments in methanol-air fuel cells. 24 p4106 A67-42520
- CIRCLE, R. R.**
Experimental arrangement for comparison of the optical and physical characteristics of particulate smokes. 12 p1946 A67-25982
- CIRIEGI, U.**
Low-energy cosmic-ray photons in atmosphere. 08 p1377 A67-21466
Cosmic X-ray sources in the 20-180 Kev energy range. 20 p3520 A67-37475
- CISTOLA, A. B.**
Neon tube staircase generator performs two jobs. 05 p0769 A67-16023
- CITTADINI, J.**
Hermetic seal, leak rate, and vacuum terminology. 16 p2683 A67-31728
- CLADIS, J. B.**
Acceleration of geomagnetically trapped electrons by variations of ionospheric currents. 03 p0409 A67-12942
- CLADIS, P. E.**
Relation between current and voltage in type-II superconductors in the flux-flow regime. 18 p3101 A67-33987
- CLAERHOUT, J.**
Geometrical interpretation of Picard's method of successive approximations /Interpretation geometrique de la methode des approximations successives de Picard/. 02 p0257 A67-11479
- CLAIRE, A.**
A search for airborne cosmic dust on Barbados. 20 p3432 A67-37174
- CLAIRMONT, A. R., JR.**
Analysis of optical determination of detonation velocity in short charges. 06 p1001 A67-17793
- CLAPP, R. E.**
Complex-correlation radiometer. 11 p1762 A67-24287
- CLARK, B.**
Thresholds for the perception of angular acceleration in man. 15 p2427 A67-29267
Vestibular and nonvestibular information in judgments of attitude and Coriolis motion in a piloted flight simulator. 22 p3751 A67-39605
- CLARK, B. G.**
Interferometer experiment with independent local oscillators. 17 p2864 A67-33363
Position determinations for radio astronomy. 18 p3135 A67-34585
- CLARK, C. O.**
Automatic checkout systems for Titan III and Apollo guidance computer programs. 08 p1297 A67-20632
- CLARK, D. A.**
Effect of monomethylhydrazine on methemoglobin production in vitro and in vivo. 10 p1599 A67-23812
Metabolic effects of monomethylhydrazine. 23 p3954 A67-41601
Methemoglobinemia as an indicator of exposure to monomethylhydrazine. 23 p3955 A67-41602
- CLARK, D. G.**
Flight experiments on suction for high lift. [AIAA PAPER 65-750] 09 p1441 A67-22483
- CLARK, D. H.**
Activation and initial test operations of large rocket engine - Turbopump test facilities. [AIAA PAPER 67-441] 18 p3112 A67-33918
Activation and initial test operations of large rocket engine - Thrust chamber test facilities. [AIAA PAPER 67-455] 18 p3019 A67-33929
- CLARK, E. N.**
Experimental and theoretical studies of explosive-induced large dynamic and permanent deformations of simple structures. 07 p1262 A67-19411
- CLARK, F. A.**
Airborne optical satellite tracking. 16 p2630 A67-31799
- CLARK, F. L.**
Recent work in flow evaluation and techniques of operations for the Langley hypersonic nitrogen facility. 21 p3607 A67-37777
- CLARK, G. D.**
The management of a modern integrated missile range. [AAS PAPER 67-59] 15 p2468 A67-30121
- CLARK, G. W.**
The location and spectra of cosmic X-ray sources. 12 p1995 A67-25761
- CLARK, H. E.**
Anomalous work function of the tungsten /110/ plane. 01 p0135 A67-10878
- CLARK, H. J.**
Optimum angular accelerations for control of a remote maneuvering unit. 02 p0186 A67-12230
Control of a remote maneuvering unit during satellite inspection. 14 p2258 A67-28669
- CLARK, J.**
Application of residual stress measurements in failure analysis and field inspection. [SAE PAPER 67-0154] 09 p1502 A67-21772
Summary of gaseous nuclear rocket fluid mechanics research. [AIAA PAPER 67-500] 18 p3076 A67-33964
- CLARK, J. A.**
On the solution of the diffusion equations by numerical methods. 03 p0537 A67-14013
Momentum and heat transfer in laminar flow of gas with liquid-droplet suspension over a circular cylinder. 04 p0725 A67-15439
Analytical and experimental study of the transient laminar natural convection flows in partially filled liquid containers. 04 p0731 A67-15826
Boundary-layer analysis of two-phase flow over an oscillating flat plate. 05 p0793 A67-17338
Momentum and heat transfer in laminar flow of gas with liquid-droplet suspension over a circular cylinder. [ASME PAPER 66-WA/HT-33] 15 p2579 A67-29322
- CLARK, J. G.**
Initial cardiovascular response to low frequency whole body vibration in humans and animals. 15 p2428 A67-29272
- CLARK, J. W.**
Vibrational spectra of SPC1 sub 3, SPC1 sub 2 F, SPCIF sub 2, and SPF sub 3. 23 p4041 A67-41242
- CLARK, K. E.**
Current pattern stabilization in pulsed plasma accelerators. [AIAA PAPER 67-656] 21 p3689 A67-38692
- CLARK, K. R.**
Electric internal heater for the Lockheed 100-inch shock tunnel. 21 p3606 A67-37770
- CLARK, L. G.**
On deformation of laminated shells. 10 p1731 A67-23846
On optimization and the guidance problem for systems with transport lags. 22 p3833 A67-40158
An approach to sub-optimal feedback control of non-linear systems. 23 p3983 A67-40645
On parameter invariance in linear control systems. 23 p3984 A67-41159
- CLARK, L. J., JR.**
Circuit analysis by computer. 15 p2441 A67-30408
- CLARK, L. V.**
Simulation and scaling of low-gravity slosh frequencies and damping. 24 p4141 A67-42032
- CLARK, P. O.**
An investigation of the effect of gas additives on the electron temperature and density in a CO sub 2 laser discharge. 05 p0826 A67-17274
Advances in gas lasers. 21 p3639 A67-38062
- CLARK, R.**
Testing sonic booms. 21 p3569 A67-39118
- CLARK, R. J., JR.**
Pulsed vacuum-arc microthrusters. [AIAA PAPER 67-737] 21 p3695 A67-38759
- CLARK, R. S.**
Galactic and solar nucleosynthesis. 02 p0320 A67-11472
Excess xenon 129 and tellurium abundances in chondritic meteorites. 09 p1570 A67-22694
Iodine, uranium and tellurium contents in meteorites. 24 p4233 A67-42616
Fission and spallation xenon in meteorites. 24 p4238 A67-42886
- CLARK, T. A.**
Morphology of electron precipitation during auroral substorms. 20 p3431 A67-37100
- CLARK, T. D.**
Superconducting memory device using Josephson junctions. 14 p2289 A67-28921
- CLARK, W.**
Film plane holograms without external source reference beams. 11 p1793 A67-24828
- CLARK, W. E.**
Methods of measuring slough characteristics of clean packaging materials. 23 p3986 A67-40847
- CLARK, W. G.**
Nuclear relaxation measurements in the superconducting and normal states of some V sub 3 X compounds. 07 p1236 A67-20139
- CLARKE, C. A.**
Handbook of electronic instruments and measurement techniques. 15 p2490 A67-30232
- CLARKE, D.**
The use of a pressure-scanned Fabry-Perot interferometer for twilight sky and zodiacal light observations. 20 p3440 A67-36361
- CLARKE, D. R.**
Development of a barrier-layer anodic coating for reflective aluminum in space. 10 p1671 A67-23744
- CLARKE, D. W.**
Generalized-least-squares estimation of the parameters of a dynamic model. 15 p2462 A67-30326
- CLARKE, J. D.**
Environmental factors affecting airborne photography. [SMPTE PREPRINT 100-9] 03 p0423 A67-13803
Environmental factors in airborne photography. 18 p3044 A67-33575
- CLARKE, J. F.**
The laminar diffusion flame in Oseen flow - The stoichiometric Burke-Schumann flame and frozen flow. 09 p1579 A67-21548
The reflexion of a plane shockwave from a heat-conducting wall. 16 p2682 A67-31555
- CLARKE, J. L.**
Dependence of the propagation loss in laser ranging systems on the meteorological visibility and target/receiver range. 17 p2812 A67-32305
- CLARKE, K. K.**
Discriminator response to an FM signal in a fading channel. 14 p2273 A67-28711
Frequency locked loop FM demodulator. 20 p3385 A67-37352
- CLARKE, N. P.**
Simulation of aerospace flight acceleration and dynamic pressure environments for biodynamics research. [AIAA PAPER 67-279] 15 p2465 A67-29425
- CLARKE, R. S.**
Martha's Vineyard and selected Georgia tektites - New chemical data. 09 p1569 A67-22687
- CLARKE, R. S., JR.**
Baddeleyite inclusion in the Martha's Vineyard tektite. 11 p1858 A67-24065
- CLARKE, R. W.**
The forthcoming series of galactic center occultations. 17 p2945 A67-32646
Diameters of some quasars at a wavelength of 66.9 cm. 24 p4226 A67-41876
- CLARKE, W. L.**
Centrifugal machine speeds creep testing. 03 p0395 A67-13542
- CLARKE, W. W. H.**
Inertial acceleration indicators. 15 p2489 A67-30087
- CLARKSON, B. L.**
Frequency response functions from cross correlation - Bartlett weighting function. 08 p1353 A67-20592
- CLARRICOATS, P. J. B.**
Transverse equivalent networks for slotted inhomogeneous circular waveguides. 11 p1766 A67-24690

- Propagation behaviour of slotted inhomogeneous circular waveguides. 11 p1766 A67-24691
- Waveguide structures for double-beam leaky-wave antennas. 13 p2082 A67-27408
- Improved theory of propagation through slotted circular waveguide. 17 p2812 A67-32317
- Numerical solution of waveguide-discontinuity problems. 17 p2827 A67-32792
- CLASS, W.**
- Al sub 2 O sub 3 single crystal growth by electron beam float-zone melting. 04 p0628 A67-15320
- CLAUDE, P.**
- Characteristics of detonations in liquid mixtures of nitropropane II and nitric acid /Caracteristiques des detonations dans les melanges liquides de nitropropane II avec l'acide nitrique/. 04 p0726 A67-15495
- CLAUDIN, P.**
- Carrier wave analog multipliers - Their applications /Multiplicateurs analogiques a ondes porteuses - Leurs applications/. 04 p0581 A67-14892
- CLAUSEN, H. D.**
- Contribution to the photon statistics of laser radiation /Zur Photonstatistik der Laserstrahlung/. 24 p4166 A67-41903
- CLAUSS, A.**
- Embrittlement of niobium by hydrogen at ambient temperatures - Effect of work hardening /Fragilisation du niobium par l'hydrogene a la temperature ambiante - Influence de l'ecrouissage/. 11 p1806 A67-24427
- CLAUSS, F. J.**
- Sliding electrical contact materials for use in ultrahigh vacuum. 11 p1805 A67-23435
- CLAUSS, J. S., JR.**
- Effect of heating restraints on aeroglide and aerocruise synergetic maneuver performance. [AIAA PAPER 67-169] 06 p1097 A67-18483
- Alternate approach for aerospacecraft design sensitivities. 13 p2054 A67-27600
- Effect of heating restraints on synergetic maneuver performance. [AIAA PAPER 67-169] 19 p3332 A67-34831
- CLAUVEL, R.**
- 136-MHz transmitter of the "A1" satellite /L'emetteur a 136 MHz du satellite "A1"/. 07 p1151 A67-19523
- Electricity and telecommunications in vehicles moving in the space. III /L'electricite et les telecommunications dans les vehicules circulant dans l'espace. III/. 14 p2270 A67-28567
- CLAVELLOUX, N.**
- Mathematical analysis of certain problems posed by the electrostatic gyroscope /Analyse mathematique de quelques problemes poses par le gyroscope electrostatique/. 02 p0242 A67-12039
- CLAWSON, A. R.**
- Electrical and galvanomagnetic properties of single crystal InSb dendrites. 05 p0869 A67-17092
- CLAY, B. R.**
- Drilling of microscopic holes in metals by laser beam. 07 p1190 A67-19090
- CLAY, W. G.**
- Application of nanosecond light pulses to ballistic range measurements. 06 p0981 A67-18881
- CLAYBOURN, H. M.**
- FAA test pilot training. 14 p2256 A67-27740
- CLAYBOUR, E. J. P.**
- Launch operations requirements for future space programs. [AAS PAPER 67-37] 15 p2467 A67-30109
- CLAYDEN, W. A.**
- Interaction of rockets and satellites with the ionosphere. 04 p0664 A67-14990
- Facilities to simulate the aerodynamics of charged particles in the ionosphere. 04 p0595 A67-14991
- An experimental study of plasma-vehicle interaction. 14 p2357 A67-28209
- Cylindrical afterbodies in supersonic flow with gas ejection. 17 p2793 A67-33041
- CLAYDON, B.**
- A study of the performance of Cassegrain aerials. 17 p2824 A67-32395
- CLAYTON, B. J.**
- Development and flight test of a fluoric roll control system. 07 p1257 A67-19360
- CLAYTON, B. R.**
- Flow separation in an aerofoil cascade. 20 p3359 A67-37483
- CLAYTON, D. D.**
- Nuclear gamma rays from supernova remnants. 12 p1995 A67-25765
- Particle-induced electromagnetic de-excitation of nuclei in stellar matter. 21 p3660 A67-38846
- CLAYTON, G. T.**
- X-ray-diffraction study of carbon tetrafluoride in the liquid state. 01 p0117 A67-10885
- CLAYTON, J. O.**
- High-speed photographic investigation of gun-launched projectiles. 01 p0068 A67-10968
- CLAYTON, R. M.**
- Monitoring the combustion process in large engines. [JPL-TR-32-1124] 13 p2188 A67-26848
- CLAYTON, R. N.**
- Oxygen isotopes - Experimental vapor fractionation and variations in tektites. 15 p2564 A67-30394
- CLEAVER, A. V.**
- The Vostok launcher. 19 p3334 A67-35843
- Russian rocketry at Paris. 22 p3899 A67-39523
- CLEEVES, V. F.**
- DC-9 environmental control design and first year's service experiences. [AIAA PAPER 67-407] 15 p2423 A67-30374
- CLEGG, B. R.**
- Effect of isolation in a constant environment on periodicity of physiological functions and performance. 23 p3959 A67-41697
- CLEGG, W. B.**
- Costing the aerospace transporter. 10 p1713 A67-23482
- CLELAND, J. W.**
- Production of disordered regions in germanium by electron irradiation. 06 p1048 A67-17832
- CLEM, J. R.**
- Effects of energy gap anisotropy in pure superconductors. 04 p0673 A67-14518
- Purity dependence of the critical field in anisotropic superconductors. 07 p1235 A67-20132
- CLEM, P. L., JR.**
- AMTRAN - A remote-terminal, conversational-mode computer system. 02 p0206 A67-11811
- CLEMEDSON, C. J.**
- Changes of elastic properties of lungs of rabbits in air blast injury. 03 p0364 A67-14292
- Space ionizing radiation as a problem in aviation and space medicine. 14 p2255 A67-28217
- The role of cybernetics in bioastronautics. 16 p2618 A67-30788
- CLEMENCE, G. M.**
- Masses of the principal planets. 05 p0900 A67-17081
- Inertial frames of reference. 07 p1250 A67-19678
- CLEMENS, J.**
- Radio spectrum of an active solar region determined from the 20 July 1963 eclipse. [AFCR-66-839] 01 p0148 A67-10388
- CLEMENS, L. M.**
- Vapor cured resins for aerospace applications. 15 p2506 A67-29544
- CLEMENS, R.**
- Computer programs for calculating general-relativistic curvature tensors. [JPL-TR-32-1122] 14 p2276 A67-28847
- CLEMENT, A.**
- High security data transmission system - The "double dialog" system /Systeme a haute securite - De transmission d'informations dit "a double dialogue"/. 07 p1146 A67-20159
- CLEMENT, C.**
- Raman effect of colored substances - Solutions of potassium, sodium and ammonium dichromates - Use of a He-Ne gas laser /6328 angstrom units/ /Effet Raman des substances colorees - Solutions des bichromates de potassium, sodium, ammonium - Utilisation d'un laser a gaz He-Ne /6328 angstrom units/. 19 p3240 A67-35421
- CLEMENT, W. D.**
- Modification of supersonic flow fields under near space conditions by cryopumping. 04 p0606 A67-14999
- CLEMENTS, P. R.**
- A cryogenic low-pressure seal. 08 p1336 A67-21498
- CLEMENTS, R. M.**
- Experimental investigation of Langmuir probes. 24 p4197 A67-42261
- CLEMENTS, R. R.**
- The wave superheater - An advanced aerothermal test facility. 21 p3608 A67-38800
- CLEMESHA, B. R.**
- High altitude atmospheric scattering of light from a laser beam. 07 p1171 A67-19419
- Optical radar evidence for atmospheric dust layers around 85 km altitude. 13 p2109 A67-26333
- A laser radar for atmospheric studies. 13 p2072 A67-27609
- A survey of equatorial spread F. [AGARDOGRAPH 95] 15 p2480 A67-30274
- CLEMMONS, D. L., JR.**
- The United States Passive Geodetic Satellite. 07 p1259 A67-19760
- CLEMMOW, P. C.**
- The plane wave spectrum representation of electromagnetic fields. 09 p1463 A67-21984
- CLIFF, R. A.**
- Space for small computers. 10 p1608 A67-22974
- Logarithmic compression of digitally telemetered data. 18 p3006 A67-34115
- CLIFFORD, J. B., JR.**
- Calculation of stability derivatives by slender-body theory. 17 p2789 A67-32067
- CLIFFORD, S. F.**
- Polarization and angle-of-arrival fluctuations for a plane wave propagated through a turbulent medium. 16 p2625 A67-31344
- CLIFTON, R. J.**
- A difference method for plane problems in dynamic elasticity. 14 p2400 A67-28256
- CLINCH, J. M.**
- Measurement of jet noise suppression using a small turbojet engine. [SAE PAPER 670157] 09 p1561 A67-22544
- Local turbulence measurements in a supersonic jet. 16 p2591 A67-30943
- CLINE, C. L.**
- An analytical and experimental study of diffusion bonding. 03 p0430 A67-13692
- CLINE, G. B.**
- Response of a rigid-plastic ring to impulse loading. 17 p2959 A67-32412
- CLINE, J. E.**
- Electron-beam instrumentation. 19 p3192 A67-35023
- Determination of the thickness of aluminum on silicon by X-ray fluorescence. 24 p4200 A67-41803
- CLINE, T. L.**
- Production of low-energy cosmic-ray electrons. 02 p0312 A67-12635
- CLINGMAN, D. L.**
- Experimental investigations of closed-loop MPD power generation. 16 p2602 A67-30557
- CLOHESSY, W. H.**
- Future manned earth orbital missions. [AAS PAPER 67-26] 15 p2562 A67-30101
- CLOOT, P. L.**
- An introduction to digital computers for instrumentation. 20 p3390 A67-36463
- CLOREFINE, A. S.**
- Superconducting microwave devices. 14 p2289 A67-28917
- CLOSE, D. H.**
- Strong-field saturation effects in laser media. 07 p1197 A67-20126
- CLOSS, R. L.**
- A possible explanation of the sudden commencement and initial phase of a magnetic storm in terms of induced ionospheric currents. 20 p3434 A67-37422
- CLOT, J.**
- Development of a measurement assembly consisting of seven logarithmic-response electrometric amplifiers /Realisation d'un ensemble de mesure comprenant sept amplificateurs electrometres a reponse logarithmique/. 21 p3592 A67-38222
- CLOUD, E. L.**
- Enhancing maintainability of the AWG-10 through built-in-test equipment. 21 p3601 A67-38947
- CLOUD, J. D.**
- Propagation of an infinite plane wave in a randomly inhomogeneous medium. 06 p1033 A67-18537
- CLOUGH, W. R.**
- A thermal stabilization of austenite. 06 p1014 A67-17801
- CLOUGHERTY, E. V.**
- A kinetic study of the densification of TiB sub 2 at high pressure and high temperature. 01 p0098 A67-10704
- High-pressure, high-temperature ceramic structures. 03 p0450 A67-13308

- CLOUTIER, G. J.**
Landing impact energy absorption using anisotropic crushable materials. 04 p0711 A67-15238
An electronically despun array for VHF communications by satellite. 14 p2288 A67-28693
- CLOW, C. G.**
The development of an in situ reforming methanol air cell. 09 p1445 A67-22186
- CLUIS, D.**
Study of the evolution of a jet in a rotating ambient flow - Test setup /Etude de l'évolution d'un jet dans un écoulement ambiant tournant - Installation d'essais/. 09 p1490 A67-22594
- CLUNIES, D.**
There are no all-purpose spacecraft. [AIAA PAPER 67-635] 20 p3534 A67-37620
- CLUTTER, D. R.**
Carbon trioxide - Its production, infrared spectrum, and structure studied in a matrix of solid CO sub 2. 05 p0759 A67-16838
- CMIRAL, J.**
Simulating certain stochastic approximation methods /Modelovani nekterych stochastickych aproximacnich metod/. 23 p3976 A67-41340
- COACKLEY, R.**
Characteristics of varactor diodes at low temperatures. 09 p1471 A67-21827
- COALE, C. W.**
Axisymmetric vibrations of a cylindrical-hemispherical tank partially filled with a liquid. [AIAA PAPER 67-75] 06 p0986 A67-18273
- COANTIC, M.**
Experimental study of turbulence in a duct of circular cross section /Etude experimentale de la turbulence dans une conduite de section circulaire/. 16 p2657 A67-30867
Evolution, as a function of Reynolds number, of the distribution of turbulent and mean velocities in a duct /Evolution, en fonction du nombre de Reynolds, de la distribution des vitesses moyennes et turbulentes dans une conduite/. 16 p2663 A67-31702
Several new results concerning the structure of the turbulence in a viscous underlying layer /Quelques résultats nouveaux sur la structure de la turbulence dans la sous-couche visqueuse/. 17 p2837 A67-32289
- COATE, G. T.**
High-power semiconductor-magnetic pulse generators. 09 p1482 A67-22698
- COATES, R. L.**
Application of the T-burner to ballistic evaluation of new propellants. [AIAA PAPER 66-599] 04 p0723 A67-15246
Thrust magnitude and restart control of solid motors by injection of hypergolic fluids. 08 p1376 A67-21518
An interpretation of L' combustion instability in terms of acoustic instability theory. 14 p2404 A67-28113
- COATS, D.**
Natural-convection flow above a point heat source in a rotating environment. 16 p2778 A67-30949
- COBB, J. C.**
A trace-element study of iron meteorites. 09 p1569 A67-22686
- COBB, J. G.**
Local reference beam generation in holography. 24 p4158 A67-42619
- COBB, F. R.**
RF design of communication-satellite earth stations. I. 14 p2273 A67-28798
RF design of communication-satellite earth stations. II. 16 p2635 A67-30473
RF design of communication-satellite earth stations. III. 18 p3003 A67-34349
- COBB, V. T.**
A continuous monitoring technique for component life tests. 12 p1922 A67-25698
Digital Chatter/Transfer Detector. 12 p1943 A67-25702
- COBBLE, M. H.**
Finite-transform solution of the damped, clamped-clamped beam having distributed load and elastic support. 08 p1415 A67-20488
Finite transform solution of the temperature of a plate heated by a moving discrete source. 22 p3920 A67-40424
- COBIC, B.**
Characteristics of the ion and electron emission from the magnetron gas discharge. 19 p3277 A67-35121
- COBURN, J. L.**
Rating supplier quality performance in a high production helicopter program. 15 p2584 A67-30404
- COBURN, K. R.**
Retinal vascular response to oxygen at increased partial pressures. 17 p2805 A67-31961
- COBURN, N.**
Generalized Prandtl-Meyer waves in relaxation hydrodynamics. [AFOSR-67-1992] 17 p2840 A67-33137
- COBURN, T.**
Nanosecond fluorimeter. 12 p1946 A67-25981
- COCCA, A. A.**
Legal problems of telecommunications by satellites - Introductory report. 12 p2042 A67-26140
- COCCHI, A.**
Contribution to the study of motions starting from rest /Un contributo allo studio del moti che partono dalla quiete/. 09 p1487 A67-21847
- COCHAIN, R.**
Plastic molded transistors for hybrid integrated circuits - Production and reliability /Transistors "enrobés plastiques" pour circuits intégrés hybrides - Réalisation et fiabilité/. 13 p2077 A67-26651
- COCHE, A.**
Utilization of Ge /Li/ semiconductors for the determination of short time intervals /Utilisation de détecteurs à semiconducteurs Ge /Li/ en vue de la détermination d'intervalles de temps courts/. 01 p0066 A67-10652
Time resolution of fast photomultipliers /Résolution en temps de photomultiplicateurs rapides/. 01 p0067 A67-10659
Switching characteristics of semiconductor diodes in the centimeter-wave range /Propriétés de commutation des diodes à semiconducteurs dans le domaine des ondes centimétriques/. 02 p0210 A67-11531
- COCHELAP, V. A.**
Size effects in conductivity of semiconductors with a few types of carriers. 06 p1064 A67-18944
- COCHRAN, G.**
New method of making Fresnel transforms with incoherent light. 03 p0423 A67-13907
- COCHRAN, J.**
Duplexing with step recovery varactors. 18 p3011 A67-34067
- COCHRAN, J. F.**
Superconducting transition and critical field of pure gallium single crystals. 01 p0130 A67-10153
- COCHRAN, T. H.**
An experimental investigation of boiling in normal and zero gravity. 12 p2034 A67-25720
- COCHRAN, B. L.**
Rocket optical studies of daylight day-time auroras. 19 p3214 A67-35168
- COCIRLAN, P.**
Spence's integro-differential equation in the theory of slender profiles with a jet /Asupra ecuației integro-diferențiale a lui d. a. Spence din teoria profilor subțiri cu jet/. 05 p0749 A67-16842
- COCKBURN, R.**
Space projects in the United Kingdom. 05 p0905 A67-18727
- COCKE, W. J.**
Theoretical simulation of micropulsations. 15 p2476 A67-29618
Alternative cause of the solar oblateness. 21 p3701 A67-37963
Statistical time symmetry and two-time boundary conditions in physics and cosmology. 21 p3706 A67-38844
- COCKERAM, D. J.**
Snapshot - The first space test of a reactor power unit. 16 p2701 A67-30638
- COCKERELL, C. S.**
The place of the hovercraft - Present and future. 22 p3745 A67-39663
- COCKETT, A. T. K.**
A simplified method for the extraction and bioassay of renin. 01 p0015 A67-10412
Renal lymph oxygen tension during graded renal ischemia. 06 p0952 A67-17853
The patho-physiology of decompression sickness - Dysbarism. 16 p2611 A67-30770
Altered pulmonary hemodynamics following experimental decompression sickness. 22 p3751 A67-39602
Radiolabeled color scanning of pulmonary emboli in experimental decompression sickness - Dysbarism. 23 p3956 A67-41626
- COCKRELL, R.**
Microelectronics on the Lunar Orbiter. 21 p3601 A67-39062
- COCKSHUTT, E. P.**
An investigation of the aerodynamics of intakes in the upper surface of a wing. 14 p2243 A67-28702
- COCQUART, J. M.**
A read only 70-ns waffle iron memory. 22 p3765 A67-39904
- CODLING, K.**
Autolization spectra of the noble gases. 03 p0471 A67-13223
Instrumental aspects of synchrotron XUV spectroscopy. 11 p1788 A67-23965
- CODY, G. D.**
Effect of Fermi-level motion on normal-state properties of beta-tungsten superconductors. 23 p4038 A67-40794
- COE, F. L.**
The effects of hydrazine on free amino acids of plasma and urine. 23 p3952 A67-41570
- COELHO, R.**
Detection of infrared radiation by varying the reflectivity of semiconductors /Détection des radiations infrarouges par variation de la réflectivité des semiconducteurs/. 13 p2181 A67-27231
Transient action of X-and gamma-radiation on insulating films /Action transitoire des rayonnements X et gamma sur les feuilles isolantes/. 17 p2917 A67-32841
- COFFEY, H. T.**
Radiation-induced peak effect in superconducting NbZr. 01 p0135 A67-10880
Effect of low-temperature deuteron irradiation on some type-II superconductors. 12 p1985 A67-25845
- COFFEY, T. C.**
Stability analysis of multiloop, multirate sampled systems. 04 p0591 A67-14825
- COFFIN, J. B., JR.**
Influence of forced convection on antenna breakdown. 02 p0213 A67-11647
- COFFIN, L. F., JR.**
Cyclic strain and fatigue behavior of metals in the creep range. 16 p2774 A67-31321
- COHEN-SOLAL, G.**
Structure of thin films prepared by short-distance evaporation-diffusion under isothermal conditions /Sur la structure des couches minces préparées par évaporation-diffusion à courte distance en régime isotherme/. 09 p1557 A67-22573
- COHEN-SOLAL, G.-W.**
Theory of the Raman spectrum of a crystal excited by a laser /Théorie du spectre Raman d'un cristal excité par un laser/. 10 p1663 A67-22855
- COHEN-TANNOUDJI, C.**
Modification of the polarization matrix of a luminous beam during the passage through an atomic vapor subjected to optical pumping. I /Modification de la matrice de polarisation d'un faisceau lumineux lors de la traversée d'une vapeur atomique soumise au pompage optique. I/. 20 p3458 A67-36435
- COHEN, A.**
Mountain lee waves in the Middle East - Theoretical calculations compared with satellite pictures. 21 p3655 A67-38578
- COHEN, A. J.**
Some characteristics of enstatite from enstatite achondrites. 13 p2200 A67-27236
- COHEN, A. R.**
Phase cancellation in a Gaussian noise environment. 01 p0025 A67-10860
- COHEN, B. G.**
Diffused germanium resistors for thermometry in 20 to 70 deg K range. 05 p0773 A67-16464
- COHEN, D.**
Computer simulation of biological pattern generation processes. 24 p4116 A67-42453
- COHEN, D. A.**
Science goals effectiveness for scientific space missions. 19 p3322 A67-35319
- COHEN, D. J.**
Optimum time sharing of a digital communication channel. 21 p3581 A67-38179
- COHEN, D. S.**
An integral transform associated with boundary conditions containing an eigenvalue parameter. 03 p0460 A67-13825
Some positive problems suggested by nonlinear heat generation. 17 p2967 A67-32040
- COHEN, E.**
Present status of colloid microthruster

- technology.
[AIAA PAPER 67-531] 22 p3867 A67-39200
Vibronic transitions of hexagonal rare-earth trichlorides. I. 22 p3840 A67-39434
Vibronic transitions of hexagonal rare-earth trichlorides. II. 22 p3840 A67-39435
COHEN, E. D.
A scheme for the stabilization of certain active networks. 01 p0033 A67-10015
COHEN, E. R.
Linearized superposition theory of a classical one-component plasma. 11 p1826 A67-23871
COHEN, G. A.
Buckling of axially compressed cylindrical shells with ring-stiffened edges. 02 p0339 A67-12345
Computer analysis of asymmetric buckling of ring-stiffened orthotropic shells of revolution. [AIAA PAPER 67-109] 06 p1103 A67-18339
COHEN, G. H.
Optimal design of distributed parameter systems. 19 p3200 A67-34841
COHEN, H.
A non-linear theory of elastic directed curves. 02 p0267 A67-12057
Advanced research telescope for lunar surface use. 02 p0246 A67-12414
Long duration space missions through use of in-flight maintenance. 18 p2994 A67-34657
The elastic fiber strengthened string - First order theory. 20 p3535 A67-36197
COHEN, I. M.
Asymptotic theory of ellipsoidal electrostatic probes in a slightly ionized, collision-dominated gas. 05 p0856 A67-17341
Couette flow of a radiating fluid - Optically thick medium. 05 p0793 A67-17343
Strongly radiating hypersonic flow over a sphere - An asymptotic sketch. 08 p1276 A67-20567
Rayleigh problem in a radiating compressible gas. I. 08 p1324 A67-21392
Rayleigh problem in a radiating compressible gas. II. 11 p1774 A67-23855
First order effects of production on the continuum theory of spherical electrostatic probes. [AIAA PAPER 67-705] 21 p3672 A67-38732
Flow of a conducting liquid in an annular gap - A restricted nonexistence proof. 23 p3992 A67-41742
COHEN, J.
Photon-modulated tunneling. 01 p0131 A67-10369
Confocal resonator band-pass filters. 08 p1305 A67-21229
Detector properties of photon-modulated tunneling. 10 p1689 A67-22907
Data management systems for manned space laboratories. 16 p2633 A67-30669
COHEN, J. M.
Friedman cosmological models with both radiation and matter. 24 p4231 A67-42454
COHEN, L.
Measurement of boron filamentary composite behavior relative to mechanical design of re-entry vehicle structures. 08 p1345 A67-20424
Newly identified resonance lines of Ni XIX, Cu XX and Zn XXI. 14 p2389 A67-28840
Newly identified lines in the Ne I isoelectronic sequences. 20 p3378 A67-37468
Autoionization resonance lines of highly ionized atoms of the Na I isoelectronic sequence. 22 p3840 A67-39237
Vacuum ultraviolet source. 23 p4000 A67-41214
COHEN, L. B.
A statistical optimization of the two-impulse transfer maneuver for a fixed-time rendezvous. [AIAA PAPER 67-57] 06 p1029 A67-18266
COHEN, L. J.
Elastic properties of filled and porous epoxy composites. 23 p3824 A67-39498
COHEN, M.
Low cost technology. 01 p0076 A67-11256
Approximate molecular orbitals. I. 03 p0474 A67-14351
Approximate molecular orbitals. II. 03 p0474 A67-14352
The singlet S states of the helium isoelectronic sequence. 22 p3841 A67-40202
COHEN, M. H.
Interplanetary scintillations. 14 p2389 A67-28843
A correcting feed at 611 MHz for the AIO reflector. 16 p2639 A67-31359
Interferometer experiment with independent local oscillators. 17 p2864 A67-33363
Superconductive pairing across electron barriers. 18 p3101 A67-33988
Effect of dielectric and high-resistivity barriers on the superconducting transition temperature of thin films. 18 p3101 A67-33989
COHEN, M. I.
Laser beams and integrated circuits. 23 p3983 A67-41765
COHEN, M. J.
Peripheral jets in proximity of the ground. [ASME PAPER 66-APM-R] 04 p0550 A67-15910
A pulsed X-ray instrument for altitude measurement and terrain identification. 05 p0806 A67-16528
In-flight instrumentation for prompt missile distance measurement using gamma ray techniques. 05 p0841 A67-16533
COHEN, M. L.
Superconductivity in degenerate semiconductors. 06 p1069 A67-18979
Ultraviolet optical properties and electronic band structure of magnesium oxide. 13 p2181 A67-27167
Variation of the thermal conductivity of solid propellants in an acoustic field. 15 p2545 A67-30199
COHEN, M. M.
Low-bias non-Esaki current in tunneling p-n junction diodes with large excess currents. 11 p1768 A67-24926
COHEN, N.
The production of perfluorocyclopropane in the reaction of oxygen atoms with tetrafluoroethylene. 01 p0018 A67-10762
Kinetics of hydrogen halides in shock waves - HCl and DCl. 11 p1750 A67-24995
COHEN, N. B.
Progress and problems in atmosphere entry. 16 p2760 A67-30720
COHEN, N. S.
Thrust magnitude and restart control of solid motors by injection of hypergolic fluids. 08 p1376 A67-21518
An interpretation of L' combustion instability in terms of acoustic instability theory. 14 p2404 A67-28113
COHEN, R.
A fatigue-life index as a criterion for evaluating compressor leaf valve design. [ASME PAPER 66-WA/MD-10] 04 p0554 A67-15337
Progress in magnetospheric radio. 05 p0795 A67-16011
Secondary irregularities in the equatorial electrojet. 08 p1328 A67-21465
COHEN, R. M.
Nuclear Brayton cycle powerplants for space applications. 24 p4186 A67-42550
COHEN, R. W.
Tunneling induced by longitudinal microwave phonons in Al-Pb, Al-Sn, and Pb-Pb superconducting diodes. 03 p0379 A67-13330
Critical magnetic fields of granular superconductors. 14 p2373 A67-28860
Effect of Fermi-level motion on normal-state properties of beta-tungsten superconductors. 23 p4038 A67-40794
COHEN, S. A.
Method of assigning the bandwidth to a channel. 24 p4123 A67-42714
COHEN, V.
Quasi-optimum control for minimum-time rendezvous. 01 p0111 A67-11212
Quasi-optimum control of a flexible booster. 04 p0706 A67-15422
COHN, E. L.
A planetary geodetic laser survey system. 22 p3800 A67-40139
COHN, E. M.
Terrestrial applications of electrochemical space power research. [AIAA PAPER 66-1012] 02 p0184 A67-12305
COHN, S. B.
Progress in radio measurement methods and standards. 05 p0804 A67-16008
COLA, B.
Approaches to a universal circuit. 04 p0591 A67-14504
COLAVINCENZO, O. M. S.
The lateral dynamic stability equations in terms of an equivalent aircraft in level flight without inertial cross coupling. 06 p0949 A67-18597
COLBOURNE, J. R.
The membrane theory of the toroidal shell - A singular perturbation problem. 11 p1871 A67-24086
COLBOW, K.
The energy shift of the edge luminescence in CdS with excitation intensity. 20 p3512 A67-37288
COLBY, S. J.
Man in orbit - A commercial asset/questions. [AIAA PAPER 67-927] 24 p4117 A67-43023
COLE, D. M.
Manned interplanetary flights in the seventies with Saturn/Apollo technology. 06 p1092 A67-19031
COLE, J. D.
The flow of a viscous compressible fluid through a very narrow gap. 16 p2661 A67-31420
COLE, K. D.
A new facet of the heating of ambient electrons by energetic charged particle streams. 16 p2739 A67-31405
COLE, L. F.
Mechanical property correlations between high performance composites and cast epoxy resin data. 08 p1344 A67-20423
COLE, M. N.
Synthesis of biologically pertinent peptides under possible primordial conditions. 24 p4118 A67-42606
COLE, R. K.
Spacecraft surface electric field meter. [AIAA PAPER 66-74] 13 p2120 A67-26835
Electron emissive surface electric field meter. 20 p3444 A67-36524
COLE, R. R.
Electrochemical machining - Prediction and correlation of process variables. [ASME PAPER 66-PROD-5] 03 p0432 A67-13833
COLE, T.
The electro-optic instantaneous spectrograph. 14 p2319 A67-28444
COLE, W. J.
Iterative solution of waveguide discontinuity problems. 11 p1760 A67-24237
COLEGROVE, F. D.
Discussion of paper by J. R. Herman and J. J. Gibbons, "Expected intensity of a magnetic dipole transition for certain neutral constituents in the ionosphere." 03 p0411 A67-12961
COLEHOUR, J. K.
Biochemical changes occurring with adaptation to accelerative forces during rotation. 05 p0754 A67-16277
COLEMAN, B. D.
Thermodynamics and wave propagation. 03 p0536 A67-13659
Breakdown of laminar shearing flows for second-order fluids in channels of critical width. 05 p0792 A67-16724
Waves in materials with memory. 06 p1099 A67-17834
V. Acceleration waves in nonlinear materials. 11 p1875 A67-24572
Existence of entropy as a consequence of asymptotic stability. 18 p3160 A67-34285
Thermodynamics and the stability of fluid motion. 20 p3543 A67-36428
Thermodynamics with internal state variables. 20 p3555 A67-37563
Growth and decay of discontinuities in fluids with internal state variables. 21 p3610 A67-37739
COLEMAN, I.
Infrared spectrum of Saturn's ring. 03 p0509 A67-13167
The application of multiple-scan interferometry to the measurement of infrared spectra of minerals. 22 p3807 A67-40368
COLEMAN, J. O.
Incorporation of protein and nucleic acid precursors into frog nervous tissue in vitro. 04 p0560 A67-14408
Differential effect of sodium azide on the incorporation of nucleic acid precursors into Chinese hamster cells in vitro. 21 p3575 A67-38798
COLEMAN, M. V.
The structure of silicon oxide films. 21 p3887 A67-39139
COLEMAN, O. F.
An information-processing model of the aircraft accident investigator. 15 p2420 A67-29896

- COLEMAN, P. D.
Spiking and time behavior of a pulsed water-vapor laser. 07 p1197 A67-20095
- COLEMAN, P. J.
Radio reflection by free radicals in earth's atmosphere. 17 p2817 A67-33233
- COLEMAN, P. J., JR.
Variations in the interplanetary magnetic field - Mariner 2. I. 04 p0698 A67-14951
Magnetic fluctuations in the magnetosheath - Mariner 4. 07 p1179 A67-19911
The polarity pattern of the interplanetary magnetic field during solar rotations 1798-1808. 11 p1857 A67-23942
Measurements of magnetic fields in the vicinity of the magnetosphere and in interplanetary space - Preliminary results from Mariner 4. 12 p2007 A67-25822
Wave-like phenomena in the interplanetary plasma Mariner 2. 19 p3324 A67-35451
Variations in the interplanetary magnetic field and some effects upon solar cosmic rays. 19 p3314 A67-35452
Transverse fluctuations in the interplanetary magnetic field - A requisite for geomagnetic variability. 22 p3790 A67-39800
- COLEMAN, R. L.
Potential and current distribution in MPD arcs. 06 p1074 A67-18335
- COLEMAN, T.
Flip-component technology. 16 p2642 A67-31727
- COLEMAN, W. J.
Laser extensometer. 01 p0070 A67-11036
Measuring length remotely and accurately with a laser beam. 06 p1012 A67-18778
- COLES, D.
Progress report on a digital experiment in spiral turbulence. 01 p0054 A67-11163
A note on Taylor instability in circular Couette flow. 23 p3988 A67-40601
- COLES, W. D.
A 14 Tesla 15-cm bore superconductive magnet. 20 p3512 A67-37347
- COLGAN, J. R.
Digital modulation for solid-state linear amplifiers. 22 p3771 A67-39841
- COLGATE, S. A.
Collisionless electrostatic shocks. 18 p3092 A67-34749
The detection of high-energy cosmic-ray showers by the combined optical and electromagnetic pulse. 23 p4051 A67-40812
- COLIN, J. M.
Equipment for processing data giving optimum performances of a Doppler radar /Dispositif de traitement de l'information donnant les performances optimales d'un radar Doppler/. 17 p2816 A67-32750
- COLINO, R. R.
International satellite communications - A case study. 19 p3349 A67-35640
- COLLAR, A. R.
Some aspects of aeronautical research in the United Kingdom. 03 p0362 A67-14381
- COLLATZ, L.
Monotonicity and related methods in non-linear differential equations problems. 07 p1213 A67-19153
- COLLET, L. H.
Evolution of the temperature and density of the electrons during their resonance at the second harmonic of the cyclotron frequency in an HF hydrogen plasma /Sur l'évolution de la température et de la densité des électrons lors de leur résonance sur l'harmonique 2 de la fréquence cyclotronique dans un plasma d'hydrogène H.F./. 22 p3848 A67-39650
- COLLET, R.
Variations of the magnetic moment of a charge in a mixed field - Static magnetic plus high-frequency /Variation du moment magnétique d'une charge dans un champ mixte - Magnétique statique plus haute fréquence/. 10 p1683 A67-22843
Study of the optimization of the injection location in high-frequency plasma accelerators /Etude de l'optimisation de la position de l'injection dans les accélérateurs haute fréquence a plasma/. 13 p2165 A67-26586
Investigation of the relativistic effects of high-frequency plasma accelerators /Etude des effets relativistes dans les accélérateurs haute fréquence a plasma/. 15 p2527 A67-29475
Theoretical study of the entrainment of ions and electrostatic shock waves in a high-frequency plasma accelerator /Etude théorique de l'entraînement des ions et des ondes de choc électrostatiques dans un accélérateur haute fréquence a plasma/. 17 p2899 A67-32291
- COLLIER, D. R., JR.
Biomedical considerations of possible decompression effects in a supersonic transport. 14 p2258 A67-28666
- COLLIER, R. J.
An up-to-date look at holography. 13 p2121 A67-27565
Multicolor imaging from holograms formed on two-dimensional media. 15 p2491 A67-30431
Some characteristics of the ammonia maser amplifier. 20 p3458 A67-36431
- COLLIGON, J. S.
Experiments on the accommodation of normal momentum. 13 p2098 A67-26945
- COLLIN, H. L.
Evidence for velocity dispersion in auroral electrons. 17 p2844 A67-32765
- COLLINGBOURNE, R. H.
A difficulty in the interpretation of certain solar radiation measurements. 13 p2113 A67-26739
- COLLINS, A. H.
Electrophoretic deposition of ferrite for computer stores. 22 p3812 A67-39915
- COLLINS, B. G.
A radiosonde radiometer. 06 p1005 A67-18742
- COLLINS, B. T.
Sintered-metal friction materials. 01 p0099 A67-10710
- COLLINS, C. B.
Analog to the Saha equation for recombining high-pressure plasmas in which the electron temperature exceeds the gas temperature. 17 p2909 A67-33228
- COLLINS, D. J.
Laser photography and shadowgraphs in a free-flight range. 08 p1330 A67-20595
Microsphere ablation in a free-flight range. 19 p3346 A67-35757
- COLLINS, E. A.
Flow behavior of low molecular weight polybutadiene, carboxyl-polybutadiene, and butadiene-acrylonitrile copolymers. 20 p3473 A67-36914
- COLLINS, F. R.
Welding. 14 p2323 A67-27819
- COLLINS, H. C.
Cost effectiveness comparison of defense communications satellite systems. 06 p0960 A67-17677
- COLLINS, J. A., JR.
Modification of supersonic flow fields under near space conditions by cryopumping. 04 p0606 A67-14999
- COLLINS, J. C.
Electron beam welding of D6AC steel. 01 p0080 A67-10946
Electron beam welding of D6AC steel in the heat-treated condition. 20 p3456 A67-37695
- COLLINS, J. D.
On the calculation of penetration aids ejection velocities using downrange radar and optical data. [AIAA PAPER 66-405] 05 p0902 A67-17209
- COLLINS, J. H.
Pulse compression by Bragg diffraction of light with microwave sound. 24 p4188 A67-42369
- COLLINS, N. E.
Coherent amplification characteristics of GaAs phased array. 22 p3813 A67-39254
- COLLINS, R. J.
Crater statistics and erosion. [AAS PAPER 66-183] 08 p1387 A67-20958
- COLLINS, T. A.
Aeromedical responsibilities in aircraft reliability. 22 p3754 A67-39598
- COLLINS, T. C.
Energy band structure of CdS using self-consistent OPW and pseudopotential methods. 06 p1058 A67-18903
Sharp line emission due to preferential pairing in ZnO crystals. 06 p1060 A67-18914
- COLLINS, T. W.
Reverse Monte Carlo for computer-aided circuit analysis. 16 p2633 A67-30475
- COLLINS, W. D.
One-dimensional non-linear wave propagation in incompressible elastic materials. 01 p0162 A67-10846
- COLLINS, W. E.
Vestibular responses from figure skaters. 03 p0364 A67-14288
- COLLINSON, J. A.
Modulation of laser beams by atmospheric turbulence - Depth of modulation. 11 p1799 A67-24236
- COLLIVER, D.
The design and performance of transferred electron oscillators - Gunn diodes. 10 p1616 A67-23532
- COLOMBARI, G.
Semiconductor generators operating between 500 and 8000 MHz /Generatori a semiconduttori operanti da 500 a 8000 MHz/. 13 p2081 A67-27204
- COLOMBO, G.
The earth's dust belt - Fact or fiction/ques/ I, II, III, IV. 04 p0615 A67-14967
Cassini's second and third laws. 05 p0889 A67-16296
Cassini's second and third laws. 18 p3128 A67-34303
- COLOMBO, J.
Fabrication of wide bore hollow cathode Hg super plus lasers. 23 p4016 A67-41226
- COLONY, J.
Evaluation of several intense light sources used for actinism studies. 12 p1925 A67-25723
- COLQUITT, C. W., JR.
Kick stage propellant-dependent weights study. 22 p3902 A67-39942
- COLVER, C. P.
Pool boiling of methane between atmospheric pressure and the critical pressure. 13 p2229 A67-27667
- COLVIN, R. S.
The use of degenerate parametric amplifiers in interferometry. 02 p0240 A67-11622
- COLWELL, J. H.
The heat capacity of a mixed titanate superconductor. 24 p4205 A67-43099
- COLWELL, R. N.
A proposed multispectral photography experiment for AES lunar orbital mission. [AFCR-66-796] 08 p1331 A67-21081
Agricultural and forestry uses of thermal infrared data obtained by remote sensing. [AIAA PAPER 67-281] 12 p1967 A67-26000
Potential uses of a survey satellite in vegetation and terrain analysis. 19 p3231 A67-35654
- COMAS, J.
Mass-spectrometric study of sputtering of single crystals of GaAs by low-energy A ions. 18 p3106 A67-34639
- COMBE, R.
Dispersion formula for waveguides loaded through irises with rounded inner edges /Formule de dispersion des guides d'ondes chargés par des iris à bord intérieur arrondi/. 04 p0579 A67-14415
- COMBELES, J.
Despun antenna system for satellites /Système d'antenne contre-rotative pour satellites/. 21 p3591 A67-38204
Discussion of antenna network applications for the development of high-gain systems /Discussion des applications des réseaux d'antennes pour la réalisation de systèmes à gain élevé/. 21 p3600 A67-38670
- COMBELES, R.
Mobile hydrogen generators and fuel cells at medium temperatures /Générateurs mobiles d'hydrogène et piles à combustible à moyenne température/. 14 p2253 A67-29021
- COMBES, L. S.
Electrolytic tank analog for magnetic field design. 02 p0279 A67-12693
- COMER, D. T.
Large-signal transistor circuits. 15 p2454 A67-30233
- COMERFORD, M. F.
Comparative erosion rates of stone and iron meteorites under small-particle bombardment. 21 p3704 A67-38504
- COMFORT, E. H.
Turbulent mixing of an axisymmetric jet of partially dissociated nitrogen with ambient air. [AIAA PAPER 65-823] 01 p0055 A67-11171
- COMLY, J.
Infrared absorption at 10.6 μ in GaAs. 23 p4045 A67-41471
- COMMINS, B. T.
Polycyclic aromatic hydrocarbons in carbonaceous meteorites. 02 p0320 A67-11476
- COMPARD, D.
Plasma sheath of models in hot-shot wind tunnels. 11 p1839 A67-24445
Use of hot-shot wind tunnels to study ionized wakes /Utilisation des souffleries à arc bref pour l'étude des sillages ionisés/. 11 p1839 A67-24445

- [ONERA-TP-455] 15 p2416 A67-29380
Characterization of re-entry plasmas in hypersonic hot-shot wind tunnels. 23 p3986 A67-40574
- COMPARIN, R. A.
Jet reattachment at low Reynolds numbers and moderate aspect ratios. [ASME PAPER 67-FE-25] 14 p2305 A67-28369
- COMPERE, E. L.
The chemistry of hydrogen in liquid-alkali-metal mixtures useful as nuclear reactor coolants. I. 16 p2619 A67-30620
- COMPTON, C. J.
Problems in management of aerospace ground equipment. [SAE PAPER 660686] 01 p0169 A67-10590
- COMPTON, D. L.
Measuring vacuum ultraviolet radiation from high-temperature nitrogen. 16 p2675 A67-31267
- COMPTON, H. R.
Accuracy of determining the state of a lunar satellite and the lunar gravitational field. [AIAA PAPER 66-39] 05 p0902 A67-17207
- COMPTON, P. A.
Theoretical and experimental determinations of neutron energy deposition in silicon. 04 p0684 A67-15688
- COMPTON, R. T., JR.
The time-dependent Green's function for electromagnetic waves in moving simple media. 08 p1296 A67-21430
- COMPTON, V. B.
The alpha-Tl-Fe solid solution and its superconducting properties. 06 p1051 A67-18370
Crystal structure and superconductivity of a high-pressure phase of CaSi sub 2. 06 p1051 A67-18372
- COMPTON, W. A.
Metal-matrix composite materials for aircraft compressor blades. 03 p0443 A67-13418
- COMPTON, W. D.
Annealing of fast neutron damage in impurity-conducting n-type germanium. 06 p1050 A67-18146
Annealing of neutron-irradiation-induced changes in impurity conduction in antimony-doped germanium. 06 p1068 A67-18969
- COMSTOCK, G.
Composition and spectra of charged particles of solar and cosmic origin measured on satellites. 13 p2193 A67-27249
- COMSTOCK, G. M.
Abundances and energy spectra of galactic cosmic-ray nuclei above 20 Mev per nucleon in the nuclear charge range 2 less than or equal to Z less than or equal to 26. 02 p0307 A67-11687
- COMSTOCK, R. L.
Magnetostatic mode echo by subsidiary absorption. 02 p0297 A67-11874
Parametric coupling between modes of propagation in nonconservative systems. 13 p2086 A67-26511
Magnetostriction of ytterbium and cerium in YIG. 22 p3855 A67-39363
Magnetoelastic-elastic wave scattering. 22 p3856 A67-39364
- CONARD, G. P.
Creep deformation of rolled Zn-Tl alloys. 03 p0440 A67-13251
- CONCHA, T. E.
Determination of the maximum altitude of multistage sounding rockets in a vacuum /Determinacion de la altitud maxima de cohetes de sondeo de varias etapas en el vacio/. 16 p2762 A67-31247
- CONCIAURO, G.
Representation of admittance parameters of a transistor /Sulla rappresentazione dei parametri di ammettenza del transistorore/. 20 p3394 A67-36236
Admittance parameters of diffused planar transistors /Sui parametri di ammettenza dei transistori planari diffusi/. 20 p3396 A67-36377
Equivalent circuit of the diffused planar transistor /Schema equivalente del transistorore planare diffuso/. 20 p3396 A67-36378
- CONDIE, K. C.
Composition of the ancient North American crust. 08 p1326 A67-21287
- CONDON, J. E.
New developments in NASA quality assurance. 05 p0930 A67-17242
- CONDON, J. H.
Oscillatory magnetostriction in n-gallium antimonide. 02 p0296 A67-11819
- CONDON, R. J.
Velocity aberration and atmospheric refraction in satellite laser communication experiments. 02 p0198 A67-12054
Three-channel I.R.-U.V. rocket radiometer. 06 p1005 A67-18714
- CONEL, J. E.
Lunar surface thermal characteristics from Surveyor 1. 08 p1386 A67-20940
- CONERLY, J. D.
Satellites for air traffic control. 09 p1526 A67-21679
- CONGER, C. C.
Multipurpose orbital bus-vehicle for alternate missions. [AIAA PAPER 67-638] 20 p3534 A67-37618
- CONGLETON, J.
Dislocation movement in the brittle fracture of alumina. 01 p0092 A67-10054
- CONKLE, J. P.
Detailed study of contaminant production in a space cabin simulator at 760 mm of mercury. 15 p2430 A67-29278
Contaminant concentrations in a space cabin simulator at 258 mm Hg. 23 p3964 A67-41559
- CONKLIN, E. K.
Isotropy of cosmic background radiation at 10,690 MHz. 11 p1857 A67-25000
- CONLEY, J. M.
Design considerations in the fabrication of hermetically sealed hybrid circuits. 21 p3596 A67-38346
- CONLEY, J. W.
Electron tunneling in metal-semiconductor barriers. 02 p0280 A67-11483
Experimental aspects of tunneling in metal-semiconductor barriers. 18 p3105 A67-34635
Tunneling spectroscopy in GaAs. 22 p3861 A67-39996
- CONN, A. A.
Multifaceted solar array performance determination. 24 p4104 A67-42509
- CONN, C. E.
Changing environment and its effect on structures. [SAE PAPER 660674] 04 p0716 A67-15783
- CONN, C. E., JR.
Influence of solid-state diffusion bonding on structural design. 10 p1662 A67-23733
- CONNER, D. W.
Laboratory simulation of lunar surface erosion by rockets. 12 p1922 A67-25701
- CONNES, J.
Detecting planetary life from earth. 11 p1747 A67-24063
Traces of HCl and HF in the atmosphere of Venus. [JPL-TR-32-1106] 11 p1863 A67-24510
Astronomical spectroscopy by Fourier transformation /Spectroscopie astronomique par transformation de Fourier/. 20 p3438 A67-36345
New method of spectral analysis of planets and stars /Une nouvelle methode d'analyse spectrale des planetes et des etoiles/. 24 p4232 A67-42572
- CONNES, P.
Detecting planetary life from earth. 11 p1747 A67-24063
Traces of HCl and HF in the atmosphere of Venus. [JPL-TR-32-1106] 11 p1863 A67-24510
Astronomical spectroscopy by Fourier transformation /Spectroscopie astronomique par transformation de Fourier/. 20 p3438 A67-36345
- CONNET, J.-E.
Telemetry antenna of the instrument container of the D1 satellites /Aerien de telemesure de la case equipement des satellites D1/. 21 p3592 A67-38218
- CONNOLLY, A.
Optimal attitude control of a spinning space-body - A graphical approach. 19 p3331 A67-34777
- CONNOLLY, D. J.
Radiation from current sources in an isotropic plasma. 17 p2906 A67-33056
Low environmental pressure MPD arc tests. [AIAA PAPER 67-685] 21 p3692 A67-38716
- CONNOLLY, J. B.
Failure-erasure circuitry - A duplicative technique of failure-masking systems. 09 p1470 A67-22668
- CONNOLLY, J. M.
Tissue oxygenation during hemorrhage in dogs breathing 1 and 3 atmospheres of oxygen. [SAM-TR-66-258] 24 p4111 A67-41802
- CONNOLLY, J. V.
Comparative cost analysis. 22 p3922 A67-40065
- CONNOR, G. I.
Ratio of blue to red light - A brief increase following sunset. 11 p1786 A67-24116
- CONNOR, J. E.
Filter techniques in planet satellite orbit parameter estimation. 14 p2347 A67-28130
- CONNOR, J. J., JR.
Stiffness matrix for shallow rectangular shell element. 23 p4073 A67-40628
- CONNOR, M. A.
Optimization of a lateral turn at constant height. 06 p1098 A67-18865
A closed-form solution for a gliding lateral turn at constant height. 09 p1441 A67-22488
A partially closed form solution to the three dimensional trajectory with constant thrust. 10 p1709 A67-23484
A closed form solution for two-dimensional re-entry trajectories. 22 p3881 A67-39526
- CONNORS, J. F.
Shielding factors for electrostatic arials. 24 p4129 A67-41973
- CONNORS, J. W.
System selection for a low-temperature fuel cell power plant. 20 p3363 A67-37012
- CONOLLY, A. C.
Designing for cavitation-free operation on hydrofoils with NACA 16-series sections. [AIAA PAPER 65-449] 03 p0402 A67-12919
- CONOVER, J. H.
Note on the stereo interpretation of Nimbus II APT photography. [AFCR-66-805] 02 p0241 A67-11970
- CONRAD, D. A.
Design considerations for Surveyor guidance. [AIAA PAPER 64-644] 02 p0263 A67-11923
- CONRAD, E. E.
Pulsed electron beam dosimetry. 04 p0625 A67-15711
- CONRAD, E. W.
M-1 injector development - Philosophy and implementation. [AIAA PAPER 67-461] 18 p2988 A67-33932
- CONRAD, H.
The rate controlling mechanism during yielding and flow of alpha-titanium at temperatures below 0.4 T sub M. 03 p0441 A67-13258
The effect of temperature on the yield stress of commercial purity alpha-titanium. 11 p1805 A67-24111
Thermally activated deformation of alpha titanium below 0.4 T sub M. 11 p1807 A67-24567
Dislocation velocity measurements and thermally activated motion in molybdenum. 13 p2133 A67-27011
Beryllium as a technological material. 13 p2138 A67-27118
Microstructure associated with the peak effect /maximum in critical current density/ in superconducting niobium. 14 p2375 A67-28999
- CONRAD, O.
Statistical research for supersonic compressors /Statistische Untersuchung von Ueberschallverdichtern/. 03 p0352 A67-13010
- CONRAD, R. W.
Gallium arsenide epitaxial technology. 10 p1692 A67-23511
- CONRAD, H.
Generation of series limit continua with the aid of sliding sparks for absolute measurements in vacuum ultraviolet /Die Erzeugung von Serielengrenzkontinua mit Hilfe von Gleitfunken zur Absolutmessung im Vakuum-Ultraviolett/. 13 p2155 A67-26271
- CONROE, D.
Predicting environmental interaction. 18 p3005 A67-34650
- CONSOLI, T.
Study of the D super plus ion flux using the Pleiade device /Flux des ions D plus avec le dispositif Pleiade/. 04 p0672 A67-15647
Experimental demonstration of the ion-acceleration region after coupling of two high-frequency and magnetic-field-gradient accelerators /Mise en evidence experimentale de la zone d'acceleration des ions apres jumelage de deux accelerateurs a haute frequence et gradient de champ magnetique/. 11 p1841 A67-24767
Measurement of the density of a

- developing plasma obtained through laser ionization by means of a Fabry-Perot interferometer /Mesure de la densité d'un plasma en évolution obtenu par ionisation laser à l'aide de l'interferomètre Fabry-Perot/. 15 p2527 A67-29474
- Holography. 19 p3228 A67-34949
- Ion-energy spectrum of a laser-created alumina plasma /Spectre d'énergie des ions d'un plasma d'alumine crée par laser/. 24 p4199 A67-43102
- CONSOLINO, J.**
- Study of the D super plus ion flux using the Plelade device /Flux des ions D plus avec le dispositif Plelade/. 04 p0672 A67-15647
- CONSORTINI, A.**
- Study of atmospheric turbulence by means of a laser beam. 09 p1511 A67-21825
- Radiation of a monopole antenna across a conducting sphere /Irraggiamento di un monopolo su una sfera conduttrice/. 13 p2081 A67-27200
- Time-resolved measurements of the phase fluctuations of a coherent beam at the emergence from a turbulent layer. 17 p2817 A67-33304
- CONSTANT, E.**
- Noise occurring in the radio and microwave range in semiconductor avalanche junctions /Sur le bruit présente dans le domaine hertzien et ultrahertzien par les jonctions semi-conductrices en avalanche/. 23 p3980 A67-41189
- CONSTANT, M.**
- Characteristics of an ideal leak-detection unit /Qualités d'un groupe idéal de détection de fuites/. 04 p0558 A67-15630
- CONSTANTINESCU, V. N.**
- On the possibilities of magnetogasodynamic lubrication. 05 p0810 A67-16273
- On the magnetogasodynamic lubrication. 07 p1192 A67-20210
- On the influence of some boundary conditions on gas lubrication. 20 p3453 A67-36273
- CONSTANTINIDES, A.**
- Identification of inadequate subsystems - Application to specific systems. 01 p0111 A67-11371
- CONTENSOU, P.**
- Mechanical foundations and forms of application of inertial navigation /Les fondements mécaniques et les formes d'application de la navigation par inertie/. [ONERA-TP-352] 01 p0110 A67-11088
- CONTI, J. J.**
- Prediction of quaternary liquid equilibria. 19 p3346 A67-35612
- CONTI, P. S.**
- Color anomalies and metal deficiencies in solar-type disk-population stars. II. 08 p1400 A67-21249
- CONTI, R.**
- Recent trends in the theory of boundary value problems for ordinary differential equations. 23 p4023 A67-41018
- CONTOPOULOS, G.**
- Resonance cases and small divisors in a third integral of motion. III. 03 p0457 A67-13164
- Problems of stellar dynamics. 06 p1081 A67-17780
- The Theory of Orbits in the Solar System and in Stellar Systems, International Astronomical Union, Symposium no. 25, Salonika, Greece, August 17-22, 1964. Papers. 08 p1379 A67-20380
- Recent developments in stellar dynamics. 08 p1380 A67-20381
- On a post-Galilean transformation appropriate to the post-Newtonian theory of Einstein, Infeld and Hoffmann. 12 p1965 A67-25125
- Integrals of motion in the three-dimensional restricted problem. 13 p2205 A67-27480
- Resonance phenomena and the non-applicability of the "third" integral. 16 p2748 A67-31140
- Integrals of motion in the elliptic restricted three-body problem. 18 p3136 A67-34588
- Stellar orbits and the stability of spiral structure. 22 p3893 A67-40507
- CONTRACTOR, G. P.**
- The marvel of maraging - Some aspects of 18 Ni-Co-Mo steel. 04 p0640 A67-15458
- CONTRE, M.**
- Contribution to the study of the pressure-temperature diagram of pure beryllium /Contribution à l'étude du diagramme pression-température du beryllium pur/. 13 p2137 A67-27110
- Study of the deformation of beryllium under hydrostatic pressure reaching 15 kilobars /Contribution à l'étude de la déformation du beryllium sous pression hydrostatique atteignant 15 kilobars/. 13 p2139 A67-27124
- CONTRI, L.**
- On the stability of elastic systems under nonconservative follower forces. 06 p1105 A67-18589
- CONTURSI, F.**
- An analytical study for evaluating the hypersonic aerodynamic coefficients for bodies of revolution in yaw. 02 p0179 A67-12314
- Investigation of fluid-dynamic fields around slender bodies. II /Studio dei campi fluidodinamici creati da corpi di rivoluzione affusolati. II/. 11 p1741 A67-24091
- CONTZEN, J. P.**
- Criteria for the selection of radioisotopes for space use /Critères de sélection des radio-isotopes à usage spatial/. 14 p2348 A67-27971
- CONVERSE, A. O.**
- Effect of mean flow on wall damping of finite-amplitude gas pulsations. 07 p1168 A67-19576
- CONWAY, E. D.**
- Generalized solutions of linear differential equations with discontinuous coefficients and the uniqueness question for multidimensional quasilinear conservation laws. 14 p2344 A67-28905
- CONWAY, H. D.**
- Moiré study of anticlastic deformations of strips with tapered edges. 11 p1875 A67-24613
- Contact stresses between cylindrical shafts and sleeves. 18 p3054 A67-34263
- CONWAY, J. B.**
- Some correlation procedures based on the Larson-Miller parameter and their application to refractory metal data. 03 p0441 A67-13253
- Techniques for analyzing combined first- and second-stage creep data. 05 p0829 A67-16472
- CONWAY, W.**
- Characteristics and uses of an L-band radiometer. 01 p0063 A67-10323
- CONWELL, E. M.**
- Electron-hole generation in GaAs. 05 p0870 A67-17275
- Intervalley scattering rate and high-field electron distributions in GaAs. 06 p1087 A67-18963
- Variation of drift velocity with field in GaAs. 07 p1232 A67-19561
- Effect of nonparabolicity on drift velocity in GaAs. 21 p3680 A67-38348
- COOGAN, C. H., JR.**
- Flexible membrane hydrostatic air bearing. [ASME PAPER 67-LUB-1] 24 p4162 A67-42668
- COOGAN, J. M.**
- A method for studying planetary atmospheres employing the dual flyby mode. [AIAA PAPER 67-121] 06 p1085 A67-18311
- COOK, A. E.**
- Analysis of synchronization errors in systems of parallel jacks with closed loop control by hydraulic relays. [ASME PAPER 66-WA/AUT-5] 04 p0555 A67-15389
- COOK, A. H.**
- Estimation problems in the determination of the even zonal harmonics of the external potential of the earth. 05 p0797 A67-16573
- Parameters of the earth's gravitational field. 05 p0800 A67-17080
- Exact solutions in the theory of orbits. 05 p0903 A67-17294
- A new absolute determination of the acceleration due to gravity at the National Physical Laboratory, England. 12 p1965 A67-25126
- The absolute determination of the acceleration due to gravity. 15 p2517 A67-29507
- Determination of the earth's gravitational field from satellite orbits - Methods and results. 18 p3041 A67-34249
- The determination of the external gravity field of the earth from observations of artificial satellites. 20 p3432 A67-37205
- COOK, C. E.**
- Linear F.M. compressed-pulse Fresnel spectrum paired-echo-didelobe structures. 01 p0027 A67-11328
- Radar Signals - An Introduction to Theory and Application. 24 p4122 A67-42425
- COOK, C. F.**
- Microwave photon interaction with superconducting tunneling currents. 19 p3303 A67-35046
- COOK, C. R.**
- Silicon integrated circuits. 08 p1301 A67-20792
- COOK, E. L.**
- Schottky emission as a rate-limiting factor in thermal oxidation of metals. 04 p0677 A67-14947
- Kinetics of oxide film growth on metal crystals - Electron tunneling and ionic diffusion. 18 p3103 A67-34590
- COOK, G.**
- On the quadratic control problem with an energy constraint. 08 p1309 A67-20332
- COOK, G. E.**
- Odd zonal harmonics in the earth's gravitational potential, determined from fourteen well distributed satellite orbits. 02 p0235 A67-11475
- The large semi-annual variation in exospheric density - A possible explanation. 17 p2852 A67-33238
- Odd zonal harmonics in the geopotential, determined from fourteen well-distributed satellite orbits. 17 p2853 A67-33249
- Comparison of air densities obtained from orbital decay and instruments. 18 p3041 A67-34254
- Variations in exospheric density at heights near 1100 km, derived from satellite orbits. 19 p3217 A67-35211
- COOK, G. R.**
- Photoionization and absorption coefficients of NO in the 600 to 950 angstrom units region. 06 p1037 A67-18573
- COOK, H. C.**
- Investigation of sputtered beta-tantalum thin films. 13 p2177 A67-27077
- COOK, H. M.**
- Test facilities - The pacing factor in aerospace propulsion development. 16 p2654 A67-30709
- COOK, J. G.**
- A calculation of noise in sensitized GaAs. 19 p3306 A67-35732
- Measurements of noise in sensitized GaAs. 19 p3307 A67-35733
- COOK, J. L.**
- Stress-rupture and tensile test techniques for single boron filaments at room and elevated temperatures. 03 p0455 A67-13445
- Techniques for elevated-temperature tensile testing of thin super alloys. 03 p0446 A67-13553
- COOK, J. M.**
- Association of a manned space station and an unmanned observatory. [AIAA PAPER 67-926] 24 p4245 A67-43022
- COOK, K. R.**
- On the problem of the infinite antenna in an anisotropic plasma. 14 p2284 A67-28378
- COOK, M.**
- Information storage and retrieval for spacecraft parts, materials and processes. 22 p3765 A67-39951
- COOK, N. H.**
- The influence of stress-state and inclusion content on ductile fracture with rotation. [ASME PAPER 67-MET-9] 12 p1956 A67-25950
- COOK, P. W.**
- An automatic integrated circuit mask artwork generating system. 18 p3055 A67-34558
- COOK, R. D.**
- On certain approximations in sandwich plate analysis. 04 p0717 A67-15913
- COOK, R. G.**
- Some first-passage problems in random vibration. 04 p0659 A67-15932
- COOK, R. P.**
- Gain and phase boundary routine for two-loop feedback systems. 01 p0047 A67-11218
- COOK, S. C.**
- Magnetic memory techniques for high accelerations. 02 p0242 A67-12019
- COOKE, B. A.**
- A measurement of the solar X-ray flux in the wavelength range below 5 angstrom units. 16 p2739 A67-31411
- COOKE, C. H.**
- On the existence of periodic solutions and normal mode vibrations of nonlinear systems. 03 p0524 A67-13654

- Perturbations of normal mode vibrations. 04 p0656 A67-14448
- COOKE, F. W.
Dielectric aging and microstructure in the system BaTiO₃ sub 3 -CaTiO₃ sub 3. 06 p1020 A67-18047
- COOKE, J. F.
Second-order Green's-function theory of the Heisenberg ferromagnet. 07 p1237 A67-20141
- COOKE, J. P.
Some cardiovascular responses in anesthetized dogs during repeated decompressions to a near-vacuum. 03 p0365 A67-14296
Speech intelligibility for space vehicles, using nitrogen or helium as the inert gas. 08 p1287 A67-20484
Elevated venous pressures during exposure of dogs to near-vacuum conditions. 23 p3952 A67-41572
High venous pressures during exposure of dogs to near-vacuum conditions. 23 p3960 A67-41699
- COOKSON, A. H.
Variations in the Townsend first ionization coefficient for gases. 03 p0473 A67-13463
- COOL, T. A.
A fluid mixing laser. 09 p1510 A67-21568
- COOLES, H. D.
The dynamic flight simulator - A general purpose research tool. 03 p0395 A67-13385
- COOLEY, P.
Some considerations for the problem of space. 14 p2268 A67-28454
- COOLEY, W. C.
Development of high speed fluidic logic circuitry for a novel pneumatic stepping motor. 14 p2251 A67-28351
- COOMBER, H. J.
Sintered turbine blades for arduous temperature and stress conditions. 17 p2865 A67-32821
- COOMBES, H. D.
A laser guidance system for rendezvous and docking. 04 p0655 A67-15663
- COOMBS, F. K.
Progress in long-term biomedical monitoring of human heart rate through the use of lithium chloride impregnated balsa electrodes. 15 p2431 A67-29918
Electrode techniques for recording heart rate continuously over long periods of time. 23 p3965 A67-41571
- COOMBS, M. G.
Compact turboalternator power systems for reentry vehicle applications. 24 p4108 A67-42534
- COON, M. D.
A lower bound to the limit pressure of a cylindrical pressure vessel with an unreinforced hole. 08 p1421 A67-20921
- COON, R. E.
High altitude balloon-top collections of cosmic dust. 10 p1708 A67-23239
- COONEY, A. M.
The Mundrabilla meteorite - A new discovery in Western Australia. 07 p1247 A67-19058
- COONEY, J.
Satellite observations using Raman component of laser backscatter. 22 p3806 A67-40366
- COONEY, J. A.
Meteorological laser probing from satellites. 07 p1194 A67-19091
- COONEY, J. E.
Metallography of 5Al-2.5Sn titanium alloy. 08 p1340 A67-20365
- COONEY, J. J.
RFI susceptibility of CW receivers. 20 p3405 A67-37649
- COONS, J. C.
On the selection of trajectories for unmanned Mars orbiters. 16 p2745 A67-30748
- COONS, S. A.
Surfaces for computer-aided aircraft design. [AIAA PAPER 67-895] 24 p4126 A67-43004
- COOPER, A. J.
Measurements of oh emission sources with an interferometer of high resolution. 10 p1709 A67-23491
- COOPER, A. L.
Welding 18 percent nickel maraging steel to An asymptotic theory for steady source expansion of a binary gas mixture. 13 p2104 A67-26984
- COOPER, C. B.
Mass-spectrometric study of sputtering of single crystals of GaAs by low-energy A ions. 18 p3106 A67-34639
- COOPER, C. E.
Corona-generated noise in aircraft - Measurement and control techniques. 02 p0190 A67-11501
- COOPER, D. C.
Phasing for a beam-steering array by the use of optical techniques. 01 p0027 A67-11320
- COOPER, D. M.
Equilibrium air radiation from shock layers at 11.3 km/sec. [AIAA PAPER 66-104] 04 p0546 A67-14816
- COOPER, G. A.
Tensile properties of fibre-reinforced metals - Fracture mechanics. 20 p3464 A67-36417
Electroformed composite materials. 22 p3819 A67-39560
- COOPER, G. J.
The evaluation of the coefficients in a Chebyshev expansion. 14 p2342 A67-27976
- COOPER, H. G.
Laser transitions in B II, Br II, and Sn. 08 p1339 A67-21379
Gain characteristics of CO sub 2 laser amplifiers at 10.6 microns. 11 p1800 A67-24244
Depolarization of linearly polarized EM waves backscattered from rough metals and inhomogeneous dielectrics. 13 p2158 A67-26878
- COOPER, J.
Line profile in the one-electron approximation. 02 p0270 A67-12521
Stark broadening of isolated ion lines in a plasma. 15 p2520 A67-29678
Plasma spectroscopy. 19 p3298 A67-35855
- COOPER, J. A.
Possible new evidence bearing on the lunar capture hypothesis. 22 p3881 A67-39554
- COOPER, J. L. B.
The foundations of thermodynamics. 07 p1268 A67-20277
- COOPER, J. W.
Autoionizing D states in He below the n equals 2 level of He super plus. 16 p2704 A67-31167
- COOPER, P.
Analysis of single-and two-phase flows in turbopump inducers. [ASME PAPER 66-WA/FE-23] 04 p0554 A67-15353
Analysis of single-and two-phase flows in turbopump inducers. [ASME PAPER 66-WA/FE-23] 24 p4143 A67-42464
- COOPER, P. J.
Air-augmented rockets for the propulsion of boost vehicles. 03 p0504 A67-13873
- COOPER, R. E.
Application of microwave building blocks to communications satellites. 17 p2956 A67-32497
The effects of chemical polishing on the strength of sapphire whiskers. 20 p3473 A67-36480
- COOPER, R. H.
Testing of materials at medium rates of strain. 23 p4079 A67-41332
- COOPER, R. W.
Faraday rotation in YIG. 23 p4041 A67-41184
- COOPERMAN, M.
Gigahertz tunnel-diode logic. 24 p4133 A67-42825
- COOPERSMITH, M. H.
Relaxation-time approximation for the mobility of electrons in helium. 22 p3840 A67-39210
- COPE, P. E. G.
Attitude control for sun-pointing scientific satellites. 06 p1098 A67-18765
The development and operation of the stabilised Skylark rocket. 08 p1408 A67-20537
- COPELAND, J.
On the two-layer model of the lunar surface. 02 p0324 A67-11700
- COPELAND, J. A.
Interpretation of short pulse measurements of electron velocity in GaAs. 06 p1048 A67-17815
Theoretical study of a Gunn diode in a resonant circuit. 10 p1612 A67-23370
Bulk negative-resistance semiconductor devices. 13 p2183 A67-27562
LSA oscillator-diode theory. 23 p3979 A67-40875
Angular momentum transport in the solar nebula. 24 p4223 A67-41790
- COPELAND, J. E.
Dependence of the propagation loss in laser ranging systems on the meteorological visibility and target/receiver range. 17 p2812 A67-32305
- COPELAND, W. L.
Research approaches to alleviation of airport community noise. 13 p2053 A67-26539
- COPLAN, B. V.
Applying the ablative heat shield to the Apollo spacecraft. 20 p3454 A67-36590
- COPLEY, J. A.
Thermal scaling applied to luminous flames. [ASME PAPER 67-HT-60] 20 p3549 A67-36742
- COPLEY, S. M.
Temperature and orientation dependence of the flow stress in off-stoichiometric Ni sub 3 Al /gamma' phase/. 18 p3064 A67-34079
A dynamic theory of coherent precipitation hardening with application to nickel-base alloys. 18 p3064 A67-34080
- COPLIN, J. F.
Some VTOL powerplant design and development experience. 04 p0687 A67-14435
Design aspects of power plants for V/STOL aircraft. [ASME PAPER 67-GT-7] 11 p1744 A67-24795
- COPPA, A. P.
Inextensional buckling configurations of conical shells. [AIAA PAPER 66-125] 10 p1717 A67-23129
- COPPENS, R.
Structure of tungsten films prepared by triode pulverization at low pressure and low power /Sur la structure des films de tungstene prepares par pulverisation triode a basse pression et faible energie/. 23 p4041 A67-41194
- COPPI, B.
Collisional effects in plasmas - Drift-wave experiments and interpretation. 10 p1684 A67-23073
Convective modes driven by density gradients. 10 p1685 A67-23462
Geodesic curvature in closed plasma configurations. 10 p1686 A67-23467
Interpretation of experiments on collisional drift modes. 11 p1834 A67-24381
Instabilities due to temperature gradients in complex magnetic field configurations. 13 p2162 A67-26284
Numerical treatment of the stability of plasma confinement configurations. 22 p3845 A67-39484
- COPPOLA, A.
RADC case histories in R and M demonstration. 01 p0084 A67-11360
Reliability and maintainability case histories. 18 p3005 A67-34696
- COPSON, E. T.
On a boundary-value problem for the equation of heat. 06 p1111 A67-17645
- COQLIN, B.
Specific heat and magnetic susceptibility of dilute solid solutions of yttrium-gadolinium /Chaleur specifique et susceptibilite magnetique des solutions solides diluees d'yttrium-gadolinium/. 08 p1369 A67-20870
- COQUET, E.
Influence of the direction of light propagation on the photoelectric emission of thin gold films /Influence du sens de propagation de la lumiere sur l'emission photoelectrique des couches minces d'or/. 02 p0289 A67-11730
- CORAZZA, G. C.
Resonance methods for the microwave measurement of the scattering matrix of a two-port reciprocal junction /Metodi a risonanza per la misura a microonde della matrice di diffusione di un due porte reciproco/. 18 p3002 A67-34223
- CORBETT, A. D.
Propellant injection through porous media. [AIAA PAPER 67-463] 18 p3026 A67-33934
- CORBETT, J. W.
1.8-, 3.3-, and 3.9-mu bands in irradiated silicon - Correlations with the divacancy. 05 p0870 A67-17194
Electron radiation damage in semiconductors and metals. 12 p1986 A67-25890
- CORCORAN, C. S.
Development of electric components for a 400 Hertz Brayton cycle energy conversion system. 24 p4108 A67-42556
- CORCORAN, E. G.
Advanced dynamic power generating systems for space vehicle

- applications. 01 p0112 A67-11428
- CORCORAN, V. J.**
Directional characteristics in optical heterodyne detection processes. II. 23 p4012 A67-40877
- CORCORAN, W. J.**
Techniques for reliability assessment and growth in large solid rocket motor development. [AIAA PAPER 67-435] 18 p3112 A67-33914
- CORCOS, G. M.**
The dynamics of turbulence near a wall according to a linear model. 19 p3209 A67-35414
The resolution of turbulent pressures at the wall of a boundary layer. 20 p3422 A67-37002
- CORCUFF, P.**
Evolution of the occurrence of radio whistlers between maximum and minimum solar activity / Evolution de l'occurrence des sifflements radioelectriques entre maximum et minimum d'activite solaire/. 01 p0057 A67-10261
- CORCUFF, Y.**
Evolution of the occurrence of radio whistlers between maximum and minimum solar activity / Evolution de l'occurrence des sifflements radioelectriques entre maximum et minimum d'activite solaire/. 01 p0057 A67-10261
- CORDEA, J. N.**
Grain boundary relaxation in four high-purity fcc metals. 06 p1016 A67-17899
- CORDELL, M.**
Tests of the behavior under radiation of MOSTs in the D2 satellite telemetry coder / Tests de tenue aux radiations des MOST du codeur de telemesure du satellite D2/. 21 p3593 A67-38230
- CORDES, G.**
A simple solution for the determination of the radial pressure gradient in axial turbo machinery / Eine einfache Loesung fuer das Bestimmen des radialen Druckgradienten in axialen Turbomaschinen/. 15 p2417 A67-30144
- CORDEY, J. G.**
The structure of quasi-shocks in a collision-free plasma in a magnetic field. 08 p1359 A67-20901
- CORDIER, H.**
Local study of the temperature field on the microgeometry of the contacting surfaces of two juxtaposed materials / Etude locale du champ de temperature sur la microgeometrie des surfaces en contact de deux materiaux accolés/. 05 p0926 A67-16596
- CORDER, R.**
Design automation. 20 p3455 A67-37246
- CORDOVER, R. H.**
Precise isotope shift measurement using line narrowing induced by laser radiation. 13 p2127 A67-27080
- CORDY, D. R.**
Influence of chronic acceleration on the effects of whole-body irradiation in rats. 15 p2427 A67-29268
- CORELLI, J. C.**
Transient ionization effects in silicon induced by 48 Mev electron pulses. 04 p0685 A67-15695
1.8-, 3.3-, and 3.9- μ bands in irradiated silicon - Correlations with the divacancy. 05 p0870 A67-17194
Production of disordered regions in germanium by electron irradiation. 06 p1048 A67-17832
- COREN, G.**
Predicting environmental interaction. 18 p3005 A67-34650
- CORIELL, A. S.**
Effects of high pressure, uniaxial stress, and temperature on the electrical resistivity of n-GaAs. 13 p2180 A67-27159
- CORK, M. J.**
Propulsive-phase guidance for unmanned landing on Mars - A two-part study. [AIAA PAPER 67-619] 19 p3260 A67-36008
- CORLETT, R. C.**
Direct Monte Carlo calculation of radiative heat transfer in vacuum. [ASME PAPER 65-WA/HT-40] 03 p0537 A67-14009
- CORN, D. L.**
A comparison of methods for correlating texturing with the biaxial strengths of titanium alloys. 08 p1340 A67-20363
Cryogenic properties of 18Ni-9Co-5Mo and 18Ni-7Co-5Mo maraging steel sheet. 13 p2142 A67-27677
- CORNBLEET, S.**
Pattern synthesis from zoned circular apertures. 02 p0212 A67-11609
- CORNEILL, M. E.**
Implementation of safety provisions in manned systems. [AIAA PAPER 67-937] 24 p4096 A67-43027
- CORNELY, R. H.**
Laser digital devices. 07 p1194 A67-19088
- CORNFORD, S. G.**
Stratocumulus - A review of some physical aspects. 03 p0462 A67-13499
- CORNISH, J. J.**
Airfoil analysis and synthesis utilizing computer graphics. [SAE PAPER 670845] 24 p4091 A67-41998
- CORNISH, J. J., III**
High lift techniques for STOL aircraft. [SAE PAPER 670245] 12 p1894 A67-25500
- CORNISH, S. D.**
The Geminil carbon dioxide sensor. 05 p0806 A67-16549
- CORNWALL, J. M.**
Theoretical simulation of microcompulsions. 15 p2476 A67-29618
- CORONA, B. M.**
Panel layout for rectilinear instruments. 14 p2257 A67-28661
- CORONITI, S. C.**
A proposal to investigate the world-wide occurrence and distribution of thunderstorms by instrumented satellites. 02 p0262 A67-12399
- CORRADO, C. J.**
Present applications - Future implications of aerospace nursing. 23 p3968 A67-41622
- CORRIGAN, J. P.**
The ATS VHF experiment for aircraft communication. 20 p3381 A67-36591
- CORRIGAN, S. J. B.**
Burning-wave speed enhancement by electric fields. 03 p0537 A67-14050
- CORRSIN, S.**
Computer experiments on random walks with both Eulerian and Lagrangian statistics. 11 p1756 A67-24542
- CORRUCCINI, R. J.**
Properties of liquid hydrogen. 05 p0928 A67-17012
- CORRY, W. A.**
Mechanical design of a 150-ft. diameter steerable antenna structure. 03 p0396 A67-13752
- CORSO, C. J.**
A "building block" approach to Saturn V uprating using solid propellant rocket motors. [AIAA PAPER 67-907] 24 p4244 A67-43014
- CORSON, B. R.**
Electron images of recording storage-tube cathodes - A new technique for cathode study. 19 p3197 A67-35813
- CORTEN, F. L.**
Physics of an aerial photograph in "correct" and "faulty" colors / Physik des Luftbildes in "richtigen" und "falschen" Farben/. 05 p0804 A67-16064
- CORTES, R.**
Superconductivity of three metastable forms of gallium / Supraconductibilite de trois formes metastables du gallium/. 17 p2915 A67-32707
- CORTI, E.**
New class of antennas in conducting media. 22 p3773 A67-40307
- CORTI, L.**
STOL and VTOL aircraft - Current and future problems / Aerei a decollo raccorciato e verticale - Problemi di oggi e di domani/. 08 p1279 A67-20782
- CORTRIGHT, E. M.**
Automated spacecraft come of age. 05 p0904 A67-16384
The Voyager program. 12 p2002 A67-25232
The Voyager programme. 16 p2751 A67-31487
- CORWELL-KULESZA, G. G.**
Intrinsically safe and non-incendive electrical installations for hazardous environments. 12 p1900 A67-25677
- CORY, H.**
The influence of the ionospheric D-region electron density profile on V.L.F. reflection and transmission coefficients. 11 p1752 A67-24219
- CORY, J. S.**
Flash heating of seeded gases. [AIAA PAPER 67-501] 18 p3158 A67-33965
- CORY, T. S.**
Measuring large-antenna radiation. 14 p2286 A67-28507
- CORZANI, T.**
Resonance methods for the microwave measurement of the scattering matrix of a two-port reciprocal junction / Metodi a risonanza per la misura a microonde della matrice di diffusione di un due porte reciproco/. 18 p3002 A67-34223
- COSAERT, R.**
Synthesis of a class of highly accurate radio guidance and tracking stations. 02 p0264 A67-12355
Closed loop simulation of optimum guidance of space vehicles by means of analogue computer techniques. 06 p1028 A67-17614
Introduction to synthesis of radio guidance and tracking stations. 14 p2260 A67-27972
Closed loop simulation of optimum guidance of space vehicles by means of analogue computer techniques. 16 p2700 A67-30662
Sensitivity analysis of modern optimum filtering methods to unknown model parameters. 21 p3587 A67-39146
A noise model for simulating the effect of tropospheric turbulence on measurements of range, range rate, angles and angular rate associated with radio guidance and tracking stations. 21 p3587 A67-39147
Closed loop investigations of the upper stage flight of the Europe 1 space vehicle. 22 p3897 A67-39171
A decoupled shifting memory filter method for radio tracking of space vehicles. [ELDO-TM-F-5] 24 p4122 A67-42385
- COSENTINO, L. S.**
Cryotron-based random-access memory. 22 p3764 A67-39898
- COSENTINO, O.**
Analytic representation of an isobaric surface / Sulla rappresentazione analitica di una superficie isobarica/. 21 p3654 A67-38087
- COSGRIFF, R. L.**
An approach to the problem of the linear system with a random coefficient. 16 p2652 A67-31691
- COSIO DE RAGONE, A. H.**
Satellite scintillation observation during local summer at low southern geomagnetic latitudes. 03 p0406 A67-12821
- COSTA DE BEAUREGARD, O.**
Relativistic theory of the interaction between an electric point charge and a magnetic dipole / Theorie relativiste de l'interaction entre une charge electrique ponctuelle et un dipole magnetique/. 09 p1580 A67-22549
- COSTA, R. L.**
A portable hydrogen generator. 24 p4106 A67-42524
- COSTE, J.**
Determination of aerodynamic coefficients by free flights in a supersonic wind tunnel / Determination des coefficients aerodynamiques par des vols libres dans une soufflerie supersonique/. 05 p0748 A67-16765
- COSTELLO, F. A.**
The optimization of space-craft coating patterns for temperature control. [ASME PAPER 67-HT-55] 20 p3548 A67-36737
Numerical solution to the heat-transfer equations with combined conduction and radiation. 23 p4082 A67-40997
- COSTELLO, G. A.**
Creep buckling of thin circular rings. 21 p3719 A67-38022
- COSTELLO, R. G.**
An inclusive classified bibliography pertaining to modelling the human operator as an element in an automatic control system. 07 p1137 A67-20173
- COSTICH, V. R.**
Laser variable output coupler. 10 p1682 A67-22753
- COSTICK, J. F., III**
A technique for analyzing maintainability criteria for in-space maintenance. 23 p4070 A67-40591
- COSTON, R. M.**
Thermal energy transport characteristics along the laminations of multilayer insulations. [AIAA PAPER 67-295] 12 p2035 A67-26010
Cryogenic thermal-conductivity measurements of insulating materials. 22 p3802 A67-40292
- COTE, O. R.**
Turbulence and eddy coefficients deduced from vapor trails. 10 p1646 A67-23272
- COTIN, F.**
Measurement of auroral X radiation

- /Mesure du rayonnement X auroral/. 10 p1702 A67-23304
- COTLIAR, W.**
Predicting environmental interaction. 18 p3005 A67-34650
- COTSFTIS, M.**
Electrostatic stability of plasmas of finite length /Stabilité électrostatique des plasmas de longueur finie/. 16 p2714 A67-30871
Dispersion relation for microinstabilities in finite plasma. 20 p3496 A67-36215
- COTTEREAU, M. J.**
Measurement of the electrical conductivity of shock-ionized air /Mesure de conductivité électrique d'air ionisé par choc/. 09 p1549 A67-22570
Conductivity of nitrogen ionized by shock /Conductivité de l'azote ionisé par choc/. 11 p1832 A67-24057
- COTTERELL, B.**
Notes on the paths and stability of cracks. 08 p1421 A67-20954
- COTTON, E. S.**
A calibration system for the press optical aircraft. 16 p2679 A67-31796
- COTTON, L. S.**
Reliability with VTOL. [AIAA PAPER 67-798] 24 p4096 A67-42959
- COTTONY, H. V.**
A note on identification of scatterers. 03 p0370 A67-13856
- COTTRELL, A. H.**
The theoretical strengths of crystals and the tip of a crack. 11 p1880 A67-25090
- COTTRELL, R. F.**
A new role for solid propellant rocket motors - Space vehicle propulsion. 02 p0305 A67-12352
- COTTRELL, T. H. E.**
Transverse mode structure in unstable optical cavities. 13 p2129 A67-27350
- COTY, U. A.**
V-STOL and STOL for short-haul transportation. [AIAA PAPER 67-941] 24 p4097 A67-43031
- COUDEVILLE, H.**
Drag measurements in rarefied gases with low velocities /Mesures de traînée dans les gaz rarefiés aux faibles vitesses/. 03 p0404 A67-13972
- COULBOURN, J. N.**
Reinforcing effect of an informative stimulus that is not a positive discriminative stimulus. 11 p1748 A67-25065
- COULMAN, C. E.**
Daytime seeing and thermal structure in the lower atmosphere. 01 p0108 A67-10250
Optical effects of thermal structure in the lower atmosphere. 10 p1679 A67-22745
- COULON, J. F.**
Cost considerations in using titanium. [AIAA PAPER 67-400] 15 p2505 A67-30367
- COULSON, C. A.**
Lower bound energy calculations for H super plus sub 2. 03 p0469 A67-13943
On a theory of absolute reaction rates. 22 p3757 A67-39635
- COULSON, K. L.**
Effect of surface properties on planetary albedo. [AIAA PAPER 65-665] 03 p0411 A67-13045
- COULTER, C. A.**
Spin-1/2 particles in a gravitational field. 20 p3484 A67-36836
- COUNTER, J. M.**
A highly adaptive phase coherent receiving system. 14 p2271 A67-28691
- COUNTS, C. R., III**
Emission of sintered oxides. [AIAA PAPER 67-301] 12 p1958 A67-26016
- COUNTS, J.**
Use of mass as a perturbation parameter in vibrations. [ASME PAPER 67-VIBR-7] 11 p1872 A67-24167
- COUPINOT, G.**
Determination of the diameter and of the center-to-limb darkening of a planetary disk by photoelectric sweeping /Détermination du diamètre et de l'assombrissement centre-bord d'un disque planétaire par balayage photoélectrique/. 16 p2753 A67-31716
- COUPRY, G.**
Rapid evaluation of the statistical characteristics of turbulence-induced load factors /Evaluation rapide des caractéristiques statistiques des facteurs de charge dus à la turbulence/. 03 p0351 A67-12997
Use of an aircraft as an instrument for measuring the statistical distribution of excessive turbulence /Sur l'utilisation d'un avion comme instrument de mesure de la distribution statistique des dépassements de la turbulence/. 17 p2798 A67-32700
A new method for analysing random processes. 20 p3442 A67-36461
- COURILLON, J.**
Influence of air travel East-West and vice-versa on circadian rhythms of urinary elimination of potassium and 17-hydroxycorticosteroids. 22 p3751 A67-39606
- COURSEN, J. W.**
Notch toughness of some aluminum alloy castings at cryogenic temperatures. 13 p2221 A67-27672
- COURTAN, B.**
Image storage tubes /Les tubes à entretien d'image/. 07 p1189 A67-20157
- COURTES, G.**
Improvement of the photographic detection of telescopes on the ground and in space /Amélioration de la détection photographique des télescopes au sol et dans l'espace/. 18 p3048 A67-34189
- COURTIER, G. M.**
Evidence for velocity dispersion in auroral electrons. 17 p2844 A67-32765
- COURTNEY, T. H.**
Matrix-limited fatigue properties in fibre composite materials. 03 p0445 A67-13529
Quaternary solid solution superconductors. 23 p4036 A67-40705
- COURTNEY, W. G.**
Condensation during heterogeneous combustion. 18 p3149 A67-33798
- COURTNEY, W. J.**
Space-simulation facility for in situ reflectance measurements. [AIAA PAPER 67-312] 12 p1926 A67-26027
Iso-irradiance contours close to a high pressure mercury arc lamp. [AIAA PAPER 67-315] 12 p2037 A67-26030
- COURTOIS, L.**
Transient growth of magnetostatic modes in longitudinal pumping in a sample of yttrium garnet /Croissance transitoire des modes magnéto-statiques en pompage longitudinal dans un échantillon de grenat d'yttrium/. 16 p2732 A67-31704
- COURTRIGHT, M.**
Radar designation by computer and real-time reentry track of manned spacecraft. 20 p3381 A67-36592
- COURVILLE, C.**
Diffusion and instabilities in "Q" machine plasmas. 11 p1830 A67-24005
- COURVILLE, G. E.**
Diffusion measurements in potassium magneto-plasmas. 11 p1835 A67-24386
- COUSIN, S. B.**
Leading edge bluntness effects and their importance in hypersonic inlet design. [AIAA PAPER 67-451] 18 p2982 A67-33925
- COUSINS, L. B.**
Critical flow in an annular venturi. 24 p4143 A67-42280
- COUTANCEAU, J.**
Direct measurement of the local coefficient of heat exchange by natural convection on an isothermal vertical flat plate in a turbulent regime /Mesure directe du coefficient local d'échange de chaleur par convection naturelle sur une plaque plane verticale isotherme, en régime turbulent/. 22 p3917 A67-39648
- COUTANCEAU, M.**
Uniform Stokes motion of a sphere in the axis of a cylinder containing a liquid, for different diameter ratios /Sur le mouvement uniforme d'une sphere dans l'axe d'un cylindre contenant un liquide, en régime de Stokes, pour différents rapports de diamètres/. 17 p2837 A67-32288
- COUTANT, J.**
Dissociation of H sub 2 super plus and H sub 3 super plus ions in a lithium plasma /Dissociation des ions H sub 2 et H sub 3 super plus dans un plasma de lithium/. 05 p0852 A67-16600
Propagation and diffusion of a plasma column in a magnetic field /Propagation et diffusion d'une colonne de plasma dans un champ magnétique/. 19 p3275 A67-35108
- COUTINHO, J. A. M.**
Power and frequency limitations of a repeater installed in a stationary satellite /Limitações de potência e frequência de um repetidor localizado em um satélite estacionário/. 18 p2999 A67-33657
- COUTS, W. H., JR.**
The closed-die forging of a nickel base superalloy. [ASM PAPER C6-18.4] 23 p4010 A67-41401
- COUTSOURADIS, D.**
Improvement of heat-resisting cobalt-base alloys by precipitation hardening. 11 p1807 A67-24703
Precipitation hardening in high-strength stainless steels. 23 p4018 A67-40871
- COUZENS, R.**
The monitoring of phase modulated V.L.F. signals /Omega/. 09 p1527 A67-22627
- COVERT, E. E.**
Influence of forced convection on antenna breakdown. 02 p0213 A67-11647
Wind-tunnel simulation of store jettison with the aid of an artificial gravity generated by magnetic fields. 06 p0979 A67-18006
On the use of ionization level as an independent variable for plotting plasma transport properties. 08 p1357 A67-20591
- COVINGTON, A. E.**
A high-resolution 2800 MHz multi-element interferometer. 17 p2864 A67-33402
2700 Mc/s radio observations of the sun during the total eclipse of July 20, 1963. [AD-642463] 18 p3133 A67-34487
- COVINGTON, C.**
The role of manned orbiting laboratories in the exploration of the planets. 19 p3332 A67-35336
- COWAN, C. L.**
Some cosmic-ray sources between 0 deg and plus 60 deg. 14 p2381 A67-28846
- COWAN, E. W.**
Cosmic rays as a high-energy particle source. 17 p2863 A67-33355
- COWAN, P. L.**
In-flight mass measurement of small fragments and projectiles. 11 p1790 A67-24448
- COWAN, R. D.**
Zeeman effect and configuration interaction in germanium. 16 p2733 A67-31876
Spectra of the noble gases in the 4-mu region. 18 p3082 A67-33876
- COWAN, W. D.**
Titan III capability for ferry-resupply. 08 p1412 A67-21076
- COWDEN, D. G.**
Considerations in specifying display system CRT design objectives. 15 p2447 A67-29735
- COWEN, V. G.**
The charge spectrum of very heavy cosmic ray nuclei. 23 p4050 A67-40676
- COWLEY, A. M.**
Quantitative comparison of solid-state microwave detectors. 08 p1304 A67-21220
Improved intermodulation rejection in mixers. 08 p1304 A67-21223
- COWLEY, A. P.**
Observations of quasi-stellar and Haro-Luyten blue objects. 03 p0511 A67-13652
- COWLEY, M. D.**
Gas-ionizing shocks in a magnetic field. 08 p1358 A67-20895
- COWPER, G. R.**
The shear coefficient in Timoshenko's beam theory. [ASME PAPER 66-APM-C] 04 p0717 A67-15916
- COWPERTHWAIT, M.**
Significance of some equations of state obtained from shock-wave data. 03 p0403 A67-13717
- COWSIK, R.**
Steady state of cosmic-ray nuclei - Their spectral shape and path length at low energies. 19 p3317 A67-36099
- COX, A. L.**
Colloidal ion power converter and thruster for lunar and planetary missions. [AIAA PAPER 66-211] 05 p0874 A67-17216
- COX, A. N.**
Racing the moon's shadow. 06 p1004 A67-18383
- COX, A. P.**
Some low-speed wind-tunnel techniques for the measurement of oscillatory aerodynamic derivatives on jet-blowing models. 06 p0979 A67-17919
- COX, C. S.**
Dynamic analysis of nonlinear control systems. 05 p0785 A67-17301
- COX, D. C.**
Design technique for realizing a microwave tunnel-diode amplifier in stripline. 24 p4131 A67-42445
- COX, D. M.**
Performance investigation of variable turbine geometry in gas turbine engines.

- [AIAA PAPER 67-417] 18 p3111 A67-33904
COX, D. R.
 A note on the analysis of a type of reliability trial. 03 p0432 A67-13824
COX, E. G.
 An analysis of the estimates of wind parameters using the VAD technique. 04 p0648 A67-14674
COX, G.
 Dynamic testing of crushable materials for impact attenuation systems. 12 p1956 A67-25731
COX, J. E.
 Transient thermodynamic analysis of a fuel cell system. 24 p4106 A67-42523
 Experimental determination of the effect of oxygen-supply impurities on fuel cell performance. 24 p4106 A67-42525
COX, J. F.
 Fluctuations of the earth's rotation and chronology of volcanic phenomena. 11 p1788 A67-24780
COX, J. V.
 A pulsed X-ray instrument for altitude measurement and terrain identification. 05 p0806 A67-16528
COX, K. J.
 An applied synthesis technique for strongly interacting multivariable control systems. 16 p2649 A67-31661
COX, M. C.
 Glass as a material for refractive space optics. [SMPTE PREPRINT 100-34] 03 p0469 A67-13808
 Glass as a material for refractive space optics. 08 p1330 A67-20644
COX, P. H. S.
 An investigation of the mechanical properties and microstructures of 18Ni /250/ maraging steel weldments. 16 p2692 A67-31868
COX, R. L.
 Directionally reflective coating study. [AIAA PAPER 65-671] 03 p0467 A67-13039
COX, R. N.
 Interaction of rockets and satellites with the ionosphere. 04 p0664 A67-14990
COX, V. C.
 Polydipsia elicited by the synergistic action of a saccharin and glucose solution. 24 p4113 A67-42099
COXELL, H.
 Plasma confinement during a period of reduced fluctuations in "ZETA." 11 p1827 A67-23887
COYNE, G. V.
 Wavelength dependence of polarization. X. 23 p4062 A67-40626
COYNE, J. E.
 New titanium alloys for structural forgings. 06 p1017 A67-17999
 The closed-die forging of a nickel base superalloy. [ASM PAPER C6-18.4] 23 p4010 A67-41401
COZENS, J. R.
 New data on the presence of an elevated electron temperature in a torch flame /Noyve dannye o nalichii povyshennoi elektronnoi temperatury v plameni fakela/. 17 p2968 A67-32151
CRABB, R. L.
 Thin silicon solar cells for large flexible arrays. 13 p2055 A67-26716
CRABBE, R. S.
 Some examples of separation in three-dimensional flows. 05 p0747 A67-16293
CRABTREE, L. F.
 Boundary-layer effects on hypersonic aircraft. 03 p0351 A67-12991
CRADDOCK, W. L.
 Nuclear gamma rays from supernova remnants. 12 p1995 A67-25765
CRAIG, J. D.
 Low level light intensity measurement from repetitive signals. 02 p0243 A67-12185
CRAIG, G. T.
 Technical note - An evaluation of cooling rates in Charpy impact specimens. 11 p1874 A67-24265
CRAIG, R.
 Studies of cosmic ray neutrino interactions in the Kolar gold field experiment. 24 p4210 A67-42582
CRAIG, R. A.
 Ozone distribution over Tallahassee, Florida. 11 p1787 A67-24555
CRAMER, D. B.
 Determining the effectiveness of fractional G levels in reducing circulatory deconditioning of space flight crews - A new technique and preliminary results. 01 p0018 A67-11397
CRAMER, H. E.
 Turbulent energy dissipation rates and exchange processes above a non-homogeneous surface. 02 p0238 A67-12076
CRAMER, R. L.
 Subjective responses to oscillation in yaw. 15 p2427 A67-29269
CRAMPTON, S. B.
 Spin-exchange shifts in the hydrogen maser. 17 p2889 A67-33225
CRANCH, E. T.
 A theory of torsional and coupled bending torsional waves in thin-walled open section beams. 17 p2959 A67-32413
CRANDALL, F.
 A program - Biological research in a manned space laboratory. 08 p1287 A67-21070
CRANDALL, S. H.
 Some first-passage problems in random vibration. 04 p0659 A67-15932
CRANDELL, F. F.
 A computerized method of optimizing the design of airborne photo-optical recording systems using modulation transfer function analysis. 16 p2678 A67-31792
CRANE, C. H.
 Diffusion welding of dissimilar metals. 07 p1190 A67-19214
CRANE, D. E.
 A hysteresis effect in step recovery millimeter wave harmonic generators. 05 p0780 A67-17529
CRANE, R. A.
 Visible side-light emission properties of a CO sub 2 -N sub 2 -He plasma induced by the CO sub 2 laser radiation field. 14 p2331 A67-28494
CRANE, R. B.
 Limitations of series-fed arrays in broadband communications. 04 p0570 A67-14874
 The effects of dispersion in linear arrays. 11 p1762 A67-24289
CRANE, R. K.
 Coherent pulse transmission through rain. 11 p1752 A67-24285
CRANE, R. L.
 All-pass networks for communications systems. 14 p2274 A67-28914
CRATCHLEY, D.
 High-strain fatigue studies of a composite material. 03 p0525 A67-13871
 Silica fiber reinforced aluminum. 07 p1211 A67-20260
 Mechanical behavior of a fiber reinforced metal and its effect on engineering application. [ASTM PAPER 10] 18 p3070 A67-34575
CRAUSSE, E.
 Damping of a barrier wake in an electrically conducting liquid subjected to a transverse magnetic field /Amortissement d'un sillage d'obstacle en liquide électroconducteur soumis à un champ magnétique transversal/. 16 p2723 A67-31714
CRAVALHO, E. G.
 Effect of small spacings on radiative transfer between two dielectrics. [ASME PAPER 67-HT-21] 20 p3546 A67-36716
CRAVEN, C. W.
 A discussion of the planetary quarantine constraints. 15 p2424 A67-29098
CRAVEN, G.
 Tuning techniques for multisection waveguide bandpass filters using evanescent modes. 03 p0387 A67-13994
CRAVEN, G. F.
 New type of magnetically tunable multisection bandpass filter in ferrite-loaded evanescent waveguide. 22 p3772 A67-39907
CRAVEN, J. D.
 Temporal variations of electron intensities at low altitudes in the outer radiation zone as observed with satellite Injun 3. 04 p0693 A67-14962
CRAWFORD, B.
 Transient response of practical MOS single-polarity integrated circuits. 15 p2452 A67-29940
CRAWFORD, B. J.
 Automated logic design techniques applicable to integrated circuitry technology. 19 p3189 A67-36062
CRAWFORD, D. H.
 Applications of similar solutions for calculation of laminar boundary-layer characteristics in the presence of a pressure gradient. 10 p1592 A67-23141
CRAWFORD, F. W.
 Collisional mechanism for producing electron cyclotron echoes from plasmas. 04 p0665 A67-15105
 On the interpretation of ionospheric resonances stimulated by Alouette 1. 07 p1179 A67-19916
 Beam/plasma interaction with transverse modulation. 09 p1546 A67-22280
 Electron-beam-probing studies of beam-plasma interactions. 11 p1841 A67-24907
 Observations of a "hose" instability of an electron beam in a plasma. 11 p1841 A67-24928
 Cyclotron and collision damping of propagating waves in a magnetoplasma. 19 p3288 A67-35371
 Comparison of experimental and theoretical results on beam-plasma interaction. 19 p3290 A67-35380
 Some studies of electron cyclotron echoes from plasma. 23 p4031 A67-40889
 Observation of resonance rectification effects in a magnetoplasma. 24 p4199 A67-43101
CRAWFORD, J. A.
 Interpretation of low-voltage photomeasurements in metal-insulator-metal films. 02 p0301 A67-12519
 Predetection telemetry tape combiner. 17 p2813 A67-32496
CRAWFORD, J. H., JR.
 Radiation effects in semiconductors. 17 p2913 A67-32372
 Effect of impurities on the annealing behavior of irradiated silicon. 17 p2921 A67-33051
CRAWFORD, J. J.
 Silver zinc secondary battery reliability. 09 p1446 A67-22297
CRAWFORD, J. R.
 Self-consistent time-of-flight analysis of a plasma gun. 15 p2523 A67-29214
CRAWFORD, R. F.
 Designing efficient structures. 04 p0707 A67-14423
 Space evacuation of NRC-2 insulation for liquid hydrogen tankage. 10 p1734 A67-23727
CRAWFORD, R. G.
 Large stiffened cylinder weight - Cost comparisons between Be-38 percent Al and other materials. 08 p1424 A67-21521
CRAWFORD, R. H.
 MOSFET in circuit design. 13 p2079 A67-26997
CRAWFORD, W. J., III
 Operation of the GE T64 on emulsified fuel. [SAE PAPER 670369] 17 p2927 A67-33002
CRAWFORD, W. M.
 Contamination of relay internal ambients. 13 p2084 A67-27694
CREASEY, D. J.
 Reliability predictions for repairable systems containing redundancy. 15 p2453 A67-30063
CRECRAFT, D. I.
 The measurement of applied and residual stresses in metals using ultrasonic waves. 08 p1415 A67-20481
CREED, D. R.
 Cosmic-ray intensities under sea-water and under rock. 11 p1857 A67-24617
 Studies of cosmic ray neutrino interactions in the Kolar gold field experiment. 24 p4210 A67-42582
CREED, H. P.
 Cost analysis model - Parametric /CAMP/. 23 p4085 A67-40589
CREER, K. M.
 Application of rock magnetism to investigations of the secular variation during geological time. 21 p3620 A67-38980
CREMER, G. D.
 Beryllium brazing technology. [SAE PAPER 670805] 24 p4159 A67-41991
CREMERS, C. J.
 The temperature distribution in an argon plasma jet with a variable mass flow. [ASME PAPER 66-WA/HT-50] 04 p0669 A67-15434
 Experiments on a plasma generator with a film-cooled anode. [ASME PAPER 67-HT-72] 20 p3498 A67-36752
CREMISIO, R. S.
 Progress in superalloys for SST jet engines. 20 p3469 A67-37358
CRENSHAW, J. H.
 The IBM system/4 PI CP-2 computer. 17 p2820 A67-32500

- RENSHAW, J. W.**
Theoretical determination of gravity effects on the rotational motion of an uniaxial rigid close earth satellite. [AIAA PAPER 87-125] 06 p1084 A67-18288
Response of the DBA/2J mouse strain to acute ionizing radiation - The biphasic death pattern. 13 p2059 A67-28688
- RESSMAN, G. P.**
Data requirements for medium-period weather prediction. 06 p1028 A67-18998
- RESSWELL, R. A.**
Powerplant aspects of high speed intercity V.T.O.L. aircraft. [AIAA PAPER 87-745] 23 p4048 A67-40979
- RESSY, P. J., JR.**
Cosmogenic radioactivities in the Peace River and Harleton chondrites. 24 p4238 A67-42884
- RESWELL, R.**
Mass spectrometric observation of ions formed during shock wave heating of gaseous krypton and xenon. 05 p0795 A67-17440
- REVECOEUR, C.**
N-type Hall effect in MnO. 22 p3858 A67-39521
- REVELING, C. J.**
Spacecraft computers for scientific information systems. 05 p0768 A67-17516
- REWS, R. E.**
Nuclear subsystem controls for the NERVA experimental engine. 24 p4183 A67-42471
- RICHLAW, W. J.**
Crack propagation and residual static strength of fatigue-cracked titanium and steel cylinders. 24 p4247 A67-41943
- RIEL, H. E.**
Fundamentals of proportional navigation. 04 p0654 A67-15550
- RIFO, J. F.**
Inner-belt protons and radial diffusion. 20 p3518 A67-36998
- CRIMINALE, W. O., JR.**
Stability of parallel flows. 22 p3783 A67-39632
- CRISMAN, W. C.**
Fabrication and full-scale structural evaluation of glass-fabric reinforced plastic shells. 10 p1727 A67-23732
Damping in sandwich beams with shear-flexible cores. [ASME PAPER 87-VIBR-11] 11 p1872 A67-24171
- CRISP, R.**
A method of spacecraft attitude control. 01 p0157 A67-11445
- CRISSEY, J. R.**
Charge many accumulators from one location. 02 p0182 A67-11843
Designing extension fittings into the A-7A bomber. 09 p1442 A67-21659
Evolution of the A-7A hydraulic tubing permanent joint system. 17 p2801 A67-32007
- CRISSEY, M. E.**
Service structure concepts for post-Saturn rockets. 21 p3608 A67-38808
- CRIST, S. A.**
Motion and stability of a spinning spring-mass system in orbit. 10 p1710 A67-23752
- CRISTEA, M.**
Effect of a magnetic field on the propagation of Alfvén waves in a conducting fluid /Influenta cimpului magnetic asupra propagării undelor Alfvén într-un fluid conductor/. 13 p2170 A67-27363
- CRISTEA, P.**
Photovoltaic effect in thin telluride layers /Sur l'effet photovoltaïque des couches minces de tellure/. 02 p0294 A67-11758
- CRISTESCU, N.**
Mathematical researches into the mechanics of solids. 05 p0920 A67-16797
- CRISWELL, D. R.**
Quantum photometer for satellite-borne auroral and optical measurements. 15 p2491 A67-30433
- CRITCHLOW, D. L.**
Design of large-scale integrated logic circuits using MOS devices. 18 p3014 A67-34554
- CRITCHLOW, E. F.**
The general problems in vibration of aircraft powerplant components. [SAE PAPER 87-0237] 12 p1989 A67-25495
- ROCCO, L.**
Linearized treatment of the optimal transfer of a thrust-limited vehicle between coplanar circular orbits. 02 p0330 A67-12719
Higher order treatment of the optimal transfer of a thrust-limited vehicle between coplanar circular orbits. 09 p1571 A67-21694
- CROCE, P.**
Interpretation test of X-ray diffraction diagrams provided by thin films /Essai d'interprétation de diagrammes de diffraction de rayons X donnés par des couches minces/. 02 p0287 A67-11714
- CROCHET, M.**
Propagation phenomena observed for large-distance decimeter-wave links not following a great circle /Phénomènes de propagation hors du grand cercle observés sur des liaisons à grande distance en ondes décimétriques/. 09 p1492 A67-22593
- CROCKER, A.**
Pulsed laser emission from helium at 95 mu m. 15 p2497 A67-29395
- CROCKER, A. J.**
Interpretation of the Hall coefficient, electrical resistivity and Seebeck coefficient of p-type lead telluride. 14 p2367 A67-28520
- CROCKER, J. F.**
Impact deformation of vertebrae. 23 p3954 A67-41592
- CROCKER, M. J.**
Response of panels to oscillating and to moving shock waves. 20 p3539 A67-37001
- CROCKET, J. H.**
Precious metal abundances in some carbonaceous and enstatite chondrites. 24 p4233 A67-42617
- CROCKETT, T. B.**
Post-irradiation chemical analysis of SNAP-8 experimental reactor coolant. 03 p0466 A67-13798
- CROCKETT, W. R.**
Here's a DC-to-pulse-width converter. 19 p3197 A67-35702
- CROFT, G. F.**
M.O.S. integrated circuits using gate capacitance storage. 14 p2281 A67-28020
- CROFT, T. A.**
HF radio focusing caused by the electron distribution between ionospheric layers. 14 p2261 A67-28048
- CROITORU, Z.**
Contemporary perspectives of closed-cycle MHD energy conversion /Sovremennye perspektivy magnitogidrodinamicheskogo preobrazovaniia energii v zamknutom tsikle/. 06 p0951 A67-18668
Relaxation phenomena in rare gases seeded with alkaline substances /Phénomènes de relaxation dans les gaz rares à semence alcaline/. 09 p1542 A67-21615
MHD generators with semiconducting electrodes - Problems and outlook /Les générateurs MHD à électrodes semiconductrices - Problemes et perspectives/. 16 p2600 A67-30533
Conformal transformation investigations of MHD ducts of finite length and segmentation /Etude par transformations conformes de tuyères MHD de longueur et segmentation finies/. 16 p2600 A67-30535
- CROKE, E. J.**
Design of a 1 kwe fast reactor power supply. 24 p4185 A67-42538
- CROMBIE, D. D.**
Frequency dependence of VLF fading at sunrise. 16 p2631 A67-31851
- CRONE, L. J.**
A discussion of empirical orthogonal functions and their application to vertical temperature profiles. 22 p3828 A67-39325
- CRONEY, J.**
A true I.F. logarithmic amplifier using twin-gain stages. 01 p0025 A67-10814
- CRONIN, J. C.**
Bias characteristics of a GaAs X band-to-Q band inline frequency tripler. 01 p0041 A67-11319
- CRONIN, J. F.**
A proposed multispectral photography experiment for AES lunar orbital mission. [AFRL-66-796] 08 p1331 A67-21081
Interferometric determination of the spectral infrared emissivities of terrestrial surfaces. 22 p3805 A67-40354
- CRONIN, J. L., JR.**
Invariant velocity components - A key to Newton's analysis of Keplerian planetary motion. 10 p1711 A67-23791
- CRONIN, M. J.**
On-board check-out systems for aircraft. [SAE PAPER 86-0701] 01 p0010 A67-10595
- CRONSON, H. M.**
Microwave heating by a standing wave in the helium afterglow. 22 p3844 A67-39353
- CROOK, D. E.**
Solid state K-band superheterodyne receiver. 18 p3011 A67-34068
- CROOK, J. H.**
Development of the Raven solid propellant rocket motor for Skylark. 22 p3867 A67-39525
- CROOK, K. A. W.**
Cosmic ice residuum associated with an astrophysical quasar. 10 p1706 A67-22956
- CROOKER, A. J.**
Detonation initiation behind an accelerating shock wave. 20 p3423 A67-37095
- CROOKS, D. D.**
Comparison of lightweight structural materials - Be, and alloys of Be, Mg, Al, and Ti. [SAE PAPER 86-0652] 01 p0094 A67-10613
- CROOKS, W. M.**
Clear air turbulence. 03 p0463 A67-13922
- CROOM, D. L.**
Search for very high frequency radiation resulting from the passage of Comet 1965f through the solar corona. 10 p1706 A67-22958
Solar radiation at 19.0 Gc/s during the eclipse of May 20, 1966. 18 p3125 A67-34195
- CROSBIE, A. L.**
Transient heating or cooling of one-dimensional solids by thermal radiation. 04 p0737 A67-15865
Application of Sokolov's method to integral equations of radiant interchange. 17 p2967 A67-32068
- CROSBY, G. A.**
Reassignment of the luminescence from ruthenium /II/ complexes. 19 p3181 A67-35880
- CROSBY, J. R.**
SNAP 10A thermal control coatings. [AIAA PAPER 85-852] 03 p0448 A67-13057
Insulation requirements for Voyager mission. [AIAA PAPER 87-777] 24 p4257 A67-42945
- CROSIGNANI, B.**
Coherence and statistical properties of a two-mode laser beam. 02 p0254 A67-12634
Statistical properties of coherent light scattered by a plasma. 06 p1039 A67-17824
Interaction of an electron beam with a collisionless plasma. 11 p1826 A67-23875
Photostatistics of an N-mode laser field. 21 p3642 A67-39117
- CROSBLEY, P. B.**
Use of crack-line-loaded specimens for measuring plane-strain fracture toughness. 22 p3820 A67-39630
- CROSMER, W. E.**
System approach to lunar surface exploration. 08 p1316 A67-21082
- CROSS, A. K.**
A comment on hypersonic viscous interaction theory. 15 p2473 A67-30220
Hypersonic weak-interaction similarity solutions for flow past a flat plate. 20 p3357 A67-36849
- CROSS, C. A.**
The size distribution of lunar craters. 05 p0903 A67-17293
- CROSS, D. A.**
Investigation to develop optimum short-term screen tests for integrated circuits. 18 p3018 A67-34649
- CROSS, E. F.**
An infrared imaging system for launch and re-entry measurements. 18 p3052 A67-34532
- CROSS, E. J., JR.**
Approximate closed-form solutions for supersonic laminar separated flows. 10 p1591 A67-23115
- CROSS, J. L.**
Micrometer U-tube manometers for medium-vacuum measurements. 08 p1332 A67-21493
- CROSS, L. A.**
Observation of saturable filter action in a UO sub 2 super plus super plus - doped glass. 01 p0032 A67-10009
Generation of giant pulses from a neodymium laser with an organic-dye saturable filter. 20 p3457 A67-36175
- CROSS, L. E.**
Crystal symmetry, optical properties, and ferroelectric polarization of Bi sub 4 Ti sub 3 O sub 12 single crystals. 07 p1234 A67-20096
- CROSS, L. G.**
Observation of saturable filter action in a UO sub 2 super plus super plus - doped glass. 01 p0032 A67-10009
- CROSS, M.**
Adaptation to increased oxygen tension at ambient pressures. 23 p3950 A67-41538

- CROSS, R. I.
Effects of heat shield supports on thermal protection systems.
[AIAA PAPER 67-215] 06 p1117 A67-18443
- CROSS, W. G.
Some aspects of the control of multishaft jet engines.
[SAE PAPER 670139] 09 p1559 A67-21770
- CROSSLEY, P. A.
Progress in thin film GaAs solar cells.
23 p4046 A67-41493
- CROSSWELL, W. F.
The admittance of a rectangular waveguide radiating into a dielectric slab.
23 p3979 A67-40829
- CROSTON, R. C.
Manned flight simulation of the Air Force modular maneuvering unit.
07 p1163 A67-19379
- CROTHERS, D. S. F.
Inelastic collisions between hydrogen and helium atoms.
06 p1034 A67-17649
- CROUCHER, D. J.
Characteristics of an alpha particle positive point to plane corona-streamer counter in air.
02 p0241 A67-11680
- CROUCHER, T. R.
Stress corrosion testing - Various techniques and environments compared.
20 p3465 A67-36486
- CROUSE, J. E.
Summary of experimental investigation of three axial-flow pump rotors tested in water.
[ASME PAPER 66-WA/FE-24] 04 p0607 A67-15354
Summary of experimental investigation of three axial-flow pump rotors tested in water.
[ASME PAPER 66-WA/FE-24] 24 p4143 A67-42465
- CROUSER, L. C.
Energy exchanges attending field electron emission.
03 p0472 A67-13329
- CROW, E. L.
Five years of VLF worldwide comparison of atomic frequency standards.
16 p2632 A67-31860
- CROW, S. C.
Visco-elastic character of fine-grained isotropic turbulence.
21 p3610 A67-37759
- CROWCROFT, R. S.
Fatigue life of compressor blading.
12 p2014 A67-25413
- CROWDER, B. L.
Shallow acceptor states in ZnTe and CdTe.
02 p0280 A67-11484
- CROWDER, J. R.
Advanced microelectronic packaging technique utilizing multilayer thin film interconnections.
12 p1910 A67-25284
- CROWE, C. T.
Drag coefficient of particles in a rocket nozzle.
12 p1930 A67-25924
A study of particle growth in a rocket nozzle.
[AIAA PAPER 66-639] 15 p2548 A67-30200
- CROWE, J. W.
Linewidth measurements of CW gallium arsenide lasers at 77 deg K.
05 p0821 A67-16670
- CROWELL, A. D.
Chemisorption of carbon monoxide on molybdenum.
15 p2434 A67-30099
- CROWELL, C. R.
Temperature dependence of avalanche multiplication in semiconductors.
01 p0132 A67-10374
Current transport in metal-semiconductor barriers.
03 p0494 A67-13476
Pressure sensitivity of gold-potassium tantalate Schottky barrier diodes.
16 p2637 A67-31036
- CROWELL, J. W.
Role of an increased hematocrit in altitude acclimatization.
07 p1135 A67-19862
- CROWLEY, D. M.
The new look in TWA training.
13 p2064 A67-27261
- CROWLEY, H. J.
DICOSE - A new tool for communications studies.
02 p0230 A67-12127
- CROWLEY, J. M.
Mechanics and Chemistry of Solid Propellants, Proceedings of the Fourth Symposium on Naval Structural Mechanics, Purdue University, Lafayette, Ind., April 19-21, 1965.
08 p1418 A67-20872
Effect of electromagnetic force on the stability of liquid films.
13 p2167 A67-26930
Stabilization of a spatially growing wave by feedback.
18 p3029 A67-34735
- CROWLEY, W. J., JR.
Altitude decompression sickness with focal neurological manifestations.
10 p1600 A67-23827
Fourteen and six per second positive spiking - An EEG finding in some aircrew personnel.
21 p3574 A67-38085
- CROWLEY, W. P.
Second-order numerical advection.
23 p4024 A67-40994
- CROWN, J. C.
Calculation of transonic flow over thick airfoils by integral methods.
[AIAA PAPER 67-3] 06 p0939 A67-18331
- CROWNFIELD, F. R.
Non-linear response of a penning ionization gauge discharge to applied very high frequency signals.
19 p3275 A67-35110
- CROWTHER, D. L.
An analysis of non-uniform proton irradiation damage in silicon solar cells.
02 p0182 A67-11682
- CROWTHER, D. S.
Electronic joining by the percussive arc method.
12 p1948 A67-25269
- CROWTHER, J. H.
Radio diameter measurements with interferometer baselines of one million and two million wavelengths.
09 p1565 A67-21980
Measurements of oh emission sources with an interferometer of high resolution.
10 p1709 A67-23491
- CROWTHER, P. P.
The positions and angular extent of OH emission associated with the H II regions W3, W24, W49, and NGC 6334.
12 p2009 A67-25972
Spectral line interferometry with independent time standards at stations separated by 845 kilometers.
20 p3523 A67-36648
- CROZIER, W. D.
Measurements of radon 220 /thoron/ in the atmosphere below 50 centimeters.
02 p0237 A67-11853
- CRUIKSHANK, D. P.
Lithological and mineralogical investigation of the surface of Mars.
02 p0319 A67-11456
The composition of the surface layer of Mars.
05 p0896 A67-16717
Mercury - New observations of the infrared bands of carbon dioxide.
09 p1565 A67-22016
- CRUMP, N. L.
Contamination detection by analytical instrumentation.
23 p3998 A67-40844
- CRUSSARD, M.
Open ways to certain new metals /Voies ouvertes a certains metaux/.
06 p1017 A67-17994
- CRUTZEN, P. J.
A photochemical model for the space-time variations of the oxygen allotropes in the 20 to 100 km layer.
03 p0414 A67-14087
- CRUVER, J. E.
Fin optimization in natural convection heat transfer.
[AICHE PAPER 6] 20 p3552 A67-36827
- CRUZ, E. S.
The AH-56A "Cheyenne" - U.S. Army's newest warrior.
21 p3568 A67-38133
- CRUZ, J. B., JR.
Annual Allerton Conference on Circuit and System Theory, 4th, University of Illinois, Monticello, Ill., October 5-7, 1966, Proceedings.
08 p1307 A67-20317
- CRYER, C. W.
On the numerical solution of a quasi-linear elliptic equation.
13 p2148 A67-27498
- CSANADY, G. T.
Generalization of the mixing-length argument in turbulent diffusion.
04 p0603 A67-14648
- CSONKA, P.
Boundary conditions of the stress function along perfectly free edges of discs and shells.
11 p1881 A67-25096
- CSORNAI, L.
Failure analysis in transistors.
15 p2449 A67-29811
- CUCCIA, C. L.
RF design of communication-satellite earth stations. I.
14 p2273 A67-28798
RF design of communication-satellite earth stations. II.
16 p2635 A67-30473
RF design of communication-satellite earth stations. III.
18 p3003 A67-34349
- CUCHET, L.
The role of meteoritic ionization in the phenomena of the sporadic E layer /Le role de l'ionisation meteoritique dans le phenomene de la couche E sporadique/.
13 p2111 A67-26601
- CUDDIHY, E. F.
Effect of polar forces on the viscoelastic properties of polypropylene oxide.
[JPL-TR-32-1026] 24 p4174 A67-41806
- CUDNEY, L. F.
An application-oriented multiprocessing system. II.
23 p3976 A67-41057
- CUEER, P.
Some preliminary results concerning heavy cosmic ions in ionographic emulsions exposed in a satellite /Quelques resultats preliminaires concernant les ions lourds cosmiques dans des emulsions ionographiques exposees en satellite/.
12 p1999 A67-25829
Heavy cosmic ions obtained in ionospheric emulsions exposed in a polar satellite /Ions lourds cosmiques obtenus dans des emulsions ionographiques exposees en satellite polaire/.
12 p1999 A67-25830
- CUELLAR, J. P.
Oxidation-corrosion characteristics of aircraft turbine engine lubricants.
14 p2326 A67-28794
- CUENOD, M.
Comparison of some methods used for process identification.
15 p2460 A67-30310
- CUFF, K. F.
Shubnikov-de Haas investigations of the Bi sub 1 sub -x Sb sub x /0 less than x less than 0.3/ system.
06 p1070 A67-19893
- CUFFEL, R. F.
Detection of oblique shocks in a conical nozzle with a circular-arc throat.
04 p0547 A67-14833
Some observations on reduction of turbulent boundary-layer heat transfer in nozzles.
04 p0723 A67-14837
Flow phenomena and convective heat transfer in a conical supersonic nozzle.
19 p3169 A67-34814
- CUGIANI, C.
Low gain ring antenna - Radiation properties on a ground plane.
17 p2827 A67-32781
- CUILWIK, A. W.
Varactor up converters for satellite use.
16 p2640 A67-31531
- CULBERTSON, J. D.
A steering law satisfying the constant total time of flight constraint.
[AIAA PAPER 67-595] 19 p3259 A67-35991
A steering law satisfying the constant total time of flight constraint.
[AIAA PAPER 67-595] 24 p4182 A67-42910
- CULBERTSON, P. E.
Lunar base concepts and operational modes.
09 p1485 A67-22402
- CULEK, B.
Investigation of the properties of electro-dynamically coupled systems by use of mathematical analogy /Vysetrovani vlastnosti elektrodynamicky vazanych soustav pouzitim matematicke analogie/.
15 p2440 A67-30081
- CULHANE, J. L.
X-ray emission line spectrum of a coronal active region.
11 p1867 A67-24839
A measurement of the solar X-ray flux in the wavelength range below 5 angstrom units.
16 p2739 A67-31411
A proportional counter spectrometer for the study of the solar soft X-ray spectrum.
20 p3448 A67-36960
- CULICK, F. E. C.
Calculation of the admittance function for a burning surface.
20 p3554 A67-37255
- CULIK, K.
On multiple finite automata.
19 p3202 A67-35607
- CULLEN, A. L.
Oblique-incidence millimetre-wave plasma diagnostics.
20 p3496 A67-36311
- CULLEN, R. E.
Piezoelectric pressure transducer with acoustic absorbing rod.
16 p2677 A67-31427
- CULLUM, C.
Constrained minimization problems in finite-dimensional spaces.
03 p0458 A67-13269
- CULLUM, C. D.
Equivalence relations for the classification and solution of optimal control problems.
03 p0391 A67-13266
- CULP, R. D.
Contensou-Busemann conditions for optimal coplanar orbit transfer.
06 p1090 A67-18886
Geometric constraints of the disorbit

- problem.
[AAS PAPER 66-122] 07 p1254 A67-19981
- CULSHAW, W.
Frequency stabilization of the Zeeman laser. 09 p1513 A67-22134
Mode interaction in a Zeeman laser. 14 p2331 A67-28715
- CULVER, W. H.
Recent developments in coherent optics technology. 22 p3817 A67-40351
- CUMER, J.
Synchronization of measurement bases by transporting an atomic clock
/Synchronisation de bases de mesures par transport d'une horloge atomique/. 23 p3997 A67-40573
- CUMMACK, C. H.
The conjugacy of F-region perturbations. 16 p2667 A67-31509
- CUMMING, G.
Gas mixing efficiency in the human lung. 11 p1747 A67-24626
- CUMMING, I. G.
Derivation of the moments of a continuous stochastic system. 15 p2459 A67-30131
- CUMMING, R. C.
Flat-top pulses with high efficiency and confined spectra. 20 p3388 A67-37654
- CUMMINGS, C. A.
Microwave radiometric meteorological observations. 01 p0108 A67-10314
- CUMMINGS, G. A. MCD.
Ionization in ethylene-air-nitric oxide flames. 18 p3107 A67-33804
- CUMMINGS, R. D.
Boiling heat transfer to liquid helium. 22 p3920 A67-40390
- CUMMINGS, W. D.
Ionospheric heating associated with the main-phase ring current. 07 p1181 A67-19934
Field-aligned currents in the magnetosphere. 08 p1402 A67-21476
- CUMMINS, S. E.
Crystal symmetry, optical properties, and ferroelectric polarization of Bi sub 4 Ti sub 3 O sub 12 single crystals. 07 p1234 A67-20096
A new optically read ferroelectric memory. 22 p3767 A67-39261
- CUMO, M.
Dimensional analysis of heat transfer correlations for nucleate boiling in free convection /Analisi dimensionale delle correlazioni di scambio termico per ebollizione a nuclei in convezione libera/. 14 p2408 A67-28932
- CUMPTSY, N. A.
The calculation of three-dimensional turbulent boundary layers. 10 p1626 A67-23473
- I.
The calculation of three-dimensional turbulent boundary layers. 16 p2657 A67-30617
- CUNDARI, F. L.
On the applicability of the Southwell plot to the interpretation of test data from instability studies of shell bodies. 10 p1728 A67-23763
The analysis of experimental data obtained from stability studies on elastic column and plate structures. 11 p1874 A67-24224
- CUNIN, B.
Switching characteristics of semiconductor diodes in the centimeter-wave range /Proprietes de commutation des diodes a semiconducteurs dans le domaine des ondes centimetriques/. 02 p0210 A67-11531
- CUNNINGHAM, B. E.
Space environment simulator for materials studies at NASA Ames. 07 p1163 A67-19384
- CUNNINGHAM, C. E.
Maintainability demonstration results and experience. 18 p3007 A67-34669
- CUNNINGHAM, D. C.
An adaptive tracking filter for bending-mode stabilization. 13 p2212 A67-26818
- CUNNINGHAM, H. J.
Improved numerical procedure for harmonically deforming lifting surfaces from the supersonic kernel function method. [AIAA PAPER 66-78] 01 p0007 A67-11162
- CUNNINGHAM, J. A.
Semiconductor reliability - Focus on the contacts. 06 p0971 A67-18246
- CUNNINGHAM, J. L.
Laser microprobe helps identify inclusions. 04 p0634 A67-15461
- CUNNINGHAM, J. M.
Design on the Saturn V mobile-launcher. 02 p0228 A67-11840
Design of the Saturn V
- mobile-launcher. 05 p0788 A67-16616
- CUNNINGHAM, J. W.
Density and temperature in wind tunnels using electron beams. 11 p1790 A67-24446
- CUNNINGHAM, W. J.
Electrical problems modeled by nonlinear partial differential equations. 24 p4133 A67-43089
- CUNNINGTON, G. R.
Thermal diffusivity measurements of graphites and chars using a pulsed laser. [AIAA PAPER 65-644] 03 p0449 A67-13062
Performance of multilayer insulation systems for the 300 deg to 800 deg K temperature range. 03 p0534 A67-13069
Calorimetric measurements of solar and broad band spectral absorbance during ultraviolet exposure testing in vacuum. 09 p1534 A67-22452
Use of a flash method for measurement of thermal diffusivity of entry vehicle heat shield materials. 18 p3051 A67-34506
- CUNNOLD, D. M.
Magnetic field variations in temperate zone sporadic E layers. 07 p1179 A67-19849
- CUNSOLO, D.
Evaluation of the curvature of the streamlines downstream from a given shock wave /Ricerca della curvatura delle linee di corrente a valle di una data onda d'urto/. 22 p3783 A67-39727
- CUPERMAN, S.
Radiation by growing plasma oscillations. 07 p1230 A67-20146
- CUPO, E.
AFSCM 375 and reliability. 01 p0171 A67-11375
- CUPP, C. R.
The kinetics of aging reactions in 18 pct Ni maraging steels. 03 p0440 A67-13250
- CURCIO, J. A.
Atmospheric propagation of laser and nonlaser light. 19 p3240 A67-35695
- CURETON, C. S.
Open sea testing of aviators' coveralls. [AIAA PAPER 67-968] 24 p4118 A67-43046
- CURKENDALL, D. W.
Orbit determination of two spacecraft through the use of earth-based multiple-link Doppler tracking data. 13 p2155 A67-27526
- CURLE, N.
A two-parameter method for calculating the two-dimensional incompressible laminar boundary layer. 09 p1489 A67-22158
- CURLEY, L. C.
Instrumentation for the measurement of low velocities with a pitot tube. 16 p2675 A67-31210
- CURNUTT, R. M.
The radiative band pinch effect and temperature dependence of radiative recombination in GaAs. 20 p3460 A67-37106
- CURRAN, P. M.
Some secondary determiners of psychological stress. 10 p1601 A67-23820
- CURRAN, R. E.
Brazing molybdenum and zircon sensor components. 04 p0630 A67-15460
- CURRAN, V.
Preparation of aluminum surfaces for bonding. 09 p1507 A67-22519
- CURREY, N. S.
The C-5A landing gear. 17 p2794 A67-31988
- CURRIE, I. F.
The calibration of ballistic cameras and their use for the triangulation of satellite positions. 07 p1188 A67-19776
Triangulation using satellites. 07 p1177 A67-19777
- CURRIE, I. G.
The effect of heating rate on the stability of stationary fluids. 20 p3553 A67-36848
- CURRIE, R. G.
Magnetic shielding properties of the earth's mantle. 14 p2314 A67-28887
- CURRY, C.
The neutron flux in space after the November 15, 1960, polar cap neutron event. 20 p3519 A67-37406
- CURRY, J. T.
Problems of maintaining equipment containing integrated circuits. 18 p3016 A67-34670
- CURRY, R.
HDRSS - A high data rate storage system for Nimbus B. 14 p2276 A67-28918
A high data rate storage system for Nimbus B. 20 p3445 A67-36547
- CURRY, R. C.
A method of obtaining all phases of a pseudo-random sequence. 02 p0203 A67-12133
- CURRY, W. H.
Some comments on the aerodynamic characteristics of the Tomahawk sounding rocket. 08 p1405 A67-20502
- CURTET, R.
Study of the evolution of a jet in a rotating ambient flow - Test setup /Etude de l'evolution d'un jet dans un ecoulement ambiant tournant - Installation d'essais/. 09 p1490 A67-22594
- CURTICE, W. R.
Modulation processes in multi-cavity klystron amplifiers. 19 p3197 A67-35809
First-order nonlinear effects in travelling-wave tubes. 20 p3395 A67-36313
- CURTIS, C. R.
Response of fungi to diurnal temperature extremes. 09 p1454 A67-21991
- CURTIS, E. C.
The lone-pair model and the vibrational force constants of NF sub 3. 01 p0117 A67-10764
Infrared spectrum, structure, and thermodynamic properties of trifluoramine oxide, NF sub 3. 15 p2433 A67-29880
- CURTIS, E. J.
Gulfstream II aerodynamic design. 12 p1894 A67-25497
- CURTIS, F. A.
Aircraft/weapon compatibility - The tradeoffs. 15 p2418 A67-29397
- CURTIS, H. S.
Effect of structural compliance-induced cross-axis coupling on the stability of a two-axis thrust vector attitude control system. [AIAA PAPER 67-42] 06 p1097 A67-18448
Minimization of slosh amplification at orbital injection of the S-IVB/Saturn V by an optimum thrust termination sequence. 22 p3903 A67-39970
On structural compliance-induced coupling in a thrust-vector control system. [AIAA PAPER 67-42] 24 p4242 A67-42909
- CURTIS, O. L., JR.
Effects of oxygen and dopant on lifetime in neutron-irradiated silicon. 04 p0684 A67-15691
Effect of injection level on carrier lifetime in neutron-irradiated germanium. 04 p0684 A67-15692
- CURTIS, C. F.
Quantum-mechanical kinetic theory of loaded spheres. 06 p1038 A67-19045
Quantum-mechanical kinetic theory of loaded spheres. II. 10 p1682 A67-23383
Molecular collisions. V. 14 p2259 A67-28298
- CURTZ, T. B.
Moment synthesis of array factors with nonuniform spacing and amplitude parameters. 18 p3012 A67-34430
- CURWEN, P. W.
Application of gas bearings to closed-system Brayton-cycle turbomachinery - Recent accomplishments and potential problem areas. [ASME PAPER 66-GT/CLC-9] 01 p0080 A67-10871
A comparison of oil and gas lubrication systems for closed-loop gas-turbine machinery. [ASME PAPER 67-GT-3] 11 p1799 A67-24791
An investigation of the effects of electromagnetic forces on the rotor-dynamic performance of a 15 kva gas-bearing Brayton cycle turboalternator. 24 p4102 A67-42487
- CUSACK, N. E.
Equation of state and electrical resistivity of liquid mercury at elevated temperatures and pressures. 21 p3686 A67-39104
- CUSANO, D. A.
The performance of thin film solar cells employing photovoltaic Cu sub 2 S - x Te-CdTe heterojunctions. 08 p1285 A67-20730
- CUSEY, R. E.
Detonation initiation behind an accelerating shock wave. 20 p3423 A67-37095
- CUSHMAN, J. P.
Geometric considerations in the design of honeycomb sandwich fasteners. 02 p0248 A67-11943
- CUSHMAN, R. H.
Precision bonding utilizing mechanical thermal pulse techniques. 21 p3635 A67-38625
- CUSICK, R. T.
Design and operation of the battery power supply of a hypersonic-propulsion facility. 04 p0556 A67-15638
A pressure commutating system for use in a propulsion research facility. 23 p3988 A67-41427

- CUTCHEN, J. T.
Effect of ionized impurities on the current from shock-loaded quartz. 04 p0678 A67-15122
- CUTHBERT, J. D.
Auger recombination of excitons bound to neutral donors in gallium phosphide and silicon. 04 p0682 A67-15463
Two-electron transitions in the luminescence of excitons bound to neutral donors in gallium phosphide. 06 p1051 A67-18210
- CUTLER, L.
An intercomparison of hydrogen and cesium frequency standards. 09 p1494 A67-21616
- CUTLER, P. H.
Theory of atom-metal interaction. II - Perturbation theory in field ionization calculations. 01 p0116 A67-10206
The effect of different surface barrier models on the Nottingham energy exchange process. 24 p4201 A67-41893
- CUTLER, W.
Direct microthruster measurement on "swinging-gate" test stand. 11 p1774 A67-25014
- CUTRONA, L. J.
On the application of coherent optical processing techniques to synthetic-aperture radar. 01 p0022 A67-10430
The use of lasers in signal processing for radar and communications. 04 p0576 A67-15303
Optical techniques in communication systems. 12 p1907 A67-25990
Some considerations for the problem of space. 14 p2268 A67-28454
Some considerations in holography. 14 p2319 A67-28472
- CUTTELL, W. R.
A thin film technique for interconnecting integrated circuits in digital systems. 14 p2280 A67-28016
- CUTTITTA, F.
Martha's Vineyard and selected Georgia tektites. New chemical data. 09 p1569 A67-22687
- CUYPERS, M. Y.
Lunar and planetary surface analysis using neutron activation. 05 p0843 A67-16546
- CVETKOV, C.
Some metrological applications of correlation calculus. I /A korrelacioszamis nehany merestechnikai alkalmazasa. 23 p4008 A67-41397
- CYEVI, J. B.
Some factors influencing the peak current of tunnel diodes. 15 p2449 A67-29808
- CYGNAROWICZ, T. A.
Design and performance of a thermal storage resistojet. [AIAA PAPER 67-662] 21 p3690 A67-38698
- CYROT, M.
Spin lattice relaxation in dirty superconductor alloys in a strong field /Relaxation spin-reseau dans les alliages supraconducteurs sales en champ fort/. 03 p0493 A67-13472
Nuclear relaxation in superconducting niobium near the upper critical field. 21 p3684 A67-38563
- CYRUS, N. J.
Finite difference accuracy in structural analysis. 03 p0526 A67-13970
- CZAJA, W.
Response of Si and GaP p-n junctions to a 5-to 40-kev electron beam. 02 p0298 A67-11887
- CZARNOTA-BOJARSKI, R. E.
Displacement equations of prestressed thin bending-resistant shells /Verschiebungsgleichungen einer durch Verformung beanspruchten dunnen biegesteifen Schale/. 15 p2574 A67-29699
- CZECH, J.
Measurements of temperature and density of driver and shock heated plasma in an electromagnetic shock tube. 19 p3293 A67-35399
- CZEGUHN, K.
Variability with time of bearing clearance due to temperature and pressure. 12 p1949 A67-25330
- CZEPA, O.
The realization of random pulse sequences /Zur Realisierung stationaerer Zufallsfolgen/. 13 p2144 A67-26430
- CZERLINSKY, E. R.
Effect of heat treatment on the magnetic properties of substituted YIG. 22 p3860 A67-39913
- CZERWINSKI, W.
Dominant factors in light weight design. 06 p1105 A67-18595
- CZERWONKO, J.
On the polarization operator of the superconductor with the P-pairing. 02 p0301 A67-12734
- CZOGALA, E.
Viscoelastic cylindrical shell resting on a viscoelastic base with a monodirectional characteristic /Lepkosprezysta powloka walcowa na podlozu lepkosprezystym o jednokierunkowej charakterystyce/. 10 p1717 A67-22945
- D**
- DA CUNHA, N. O.
Constrained minimization under vector-valued criteria in finite dimensional spaces. 20 p3478 A67-37576
- DA ROSA, A. V.
Behavior of the nighttime ionosphere. 13 p2107 A67-26305
- DA-RIVA, I.
The internal structure of hydrogen-air diffusion flames. 05 p0926 A67-16516
Ignition delay in diffusive supersonic combustion. [AIAA PAPER 67-496] 18 p3158 A67-33960
- DABORA, E. K.
Production of monodisperse sprays. 12 p1946 A67-25983
- DABRINGHAUS, G.
Copy-machining operations on a complex thin-walled component. 06 p1008 A67-18724
- DACHS, L. L.
Handling liquid propellants. 04 p0703 A67-14604
Coping with rocketry's hazards. 22 p3900 A67-39884
- DADIEU, A.
Propellants for space flight /Treibstoffe fuer die Raumfahrt/. 14 p2376 A67-27877
- DADYKIN, V. L.
Search for 10 super 13 ev photons from local radio sources. 02 p0311 A67-12587
- DADYKIN, V. P.
Improvement of the radiation resistivity of potatoes in conditions of anoxia /Povyshenie radiorezistentnosti kartofella v usloviakh anoksii/. 13 p2058 A67-26755
- DAEHLER, M.
Cooperative light scattering from theta-plinch plasmas. 17 p2899 A67-32274
Cooperative light scattering from delta-plinch plasmas. 22 p3842 A67-39208
- DAEHLER, M. G. A.
Mode control in a ruby laser. 15 p2498 A67-29497
- DAELLENBACH, W.
Effect of a magnetic field on the velocity of an electron drift produced by the electrical field in a dense plasma /Einfluss eines Magnetfeldes auf die durch ein elektrisches feld bewirkte Driftgeschwindigkeit der Elektronen in einem dichten Plasma/. 04 p0671 A67-15580
- DAENE, H.
Solar type III-BURST activity and the 11 year cycle. 19 p3318 A67-36029
- DAGA, A. A.
The "AF-relay" - Some applications to automatic control systems. 08 p1282 A67-20462
- DAGEN, H.
Relationship between demonstrated and operational reliability. 18 p3138 A67-34668
- DAGKESAMANSKII, R. D.
Application of remote preamplifiers in antenna arrays operating in the meter range /O primenenii vynosnykh predusilitelei v antennoykh reshetkakh metrovogo diapazona/. 20 p3403 A67-37508
- DAGLISH, H. N.
Operational use of a 1.5 deg K open-cycle cooling system for a maser amplifier. 14 p2277 A67-27778
- DAGOSTINO, M. D.
The use of a simplified neutron activation technique for analyzing metallic wear from aircraft hydraulic systems. 02 p0249 A67-12221
- DAGUENET, M.
Study in the turbulent regime of the limit flux of diffusion on the surface of a rotating ring electrode /Etude en regime turbulent du flux limite de diffusion a la surface d'une electrode a anneau tournant/. 24 p4146 A67-43112
- DAHLBERG, R.
Planar technique for germanium /Planartechnik fuer Germanium/. 09 p1555 A67-22037
- DAHLER, J. S.
Transport properties of polyatomic fluids. IV. 04 p0658 A67-15507
- DAHLKE, W. E.
Tunneling into interface states of MOS structures. 15 p2539 A67-29815
Tunneling in metal-oxide-silicon structures. 19 p3308 A67-36045
- DAHLQUIST, G. G.
On rigorous error bounds in the numerical solution of ordinary differential equations. 07 p1213 A67-19154
- DAHMS, R. G.
Surface blistering of metals due to low energy hydrogen bombardment. 08 p1343 A67-21520
- DAI, P. K.
Crack extension and propagation under plane stress. 16 p2769 A67-31286
- DAIBER, J. W.
Scattering cross sections of argon and atomic oxygen to thermal electrons. 03 p0472 A67-13320
Laser-driven detonation waves in gases. 18 p3092 A67-34734
- DAIELLO, R. V.
Parametric amplification and oscillations in structured superconducting tin films. 03 p0496 A67-13568
- DAIGUJI, H.
A simplified analysis of cascade flow in mixed-flow pumps and turbines. 20 p3356 A67-36421
- DAIKOKU, K.
Breakdown characteristics of germanium bonded diode and its microwave oscillation. 12 p1914 A67-25458
- DAILEY, C. C.
Planetary photographic exploration with solar-electric propulsion. [AIAA PAPER 67-712] 21 p3714 A67-38739
- DAILEY, C. L.
Plasma rotation in a pulsed inductive accelerator. 02 p0274 A67-12341
Plasma properties in an inductive pulsed plasma accelerator. 14 p2362 A67-29046
- DAILEY, J. L.
Missile-attitude sensing with polarized laser beams. 04 p0619 A67-14505
- DAINO, B.
The measurement of the frequency fluctuations of a laser field. 05 p0815 A67-16625
Preliminary measurements of laser short-term frequency fluctuations. 15 p2499 A67-29730
- DAION, M. I.
On the ionizing accompaniment of approximately 170 Bev nucleons at 2000 meters altitude. 02 p0312 A67-12609
- DALEK, J.
Application of double-concurrent waves to one-dimensional nonstationary problems with discontinuous limit conditions /Application des ondes doubles concourantes aux problemes non stationnaires unidimensionnels avec des conditions aux limites discontinues/. 10 p1624 A67-22923
- DALETSKII, G. S.
Study of silicon photocells at high luminous-flux concentrations /Issledovanie kremlevykh fotopreobrazovatelei pri vysokikh kontsentratsiakh svetovogo potoka/. 13 p2056 A67-27622
- DALETSKII, I. U. L.
Theory of the parametric amplifier. 10 p1607 A67-23446
Infinite-dimensional elliptic operator and associated parabolic equations /Beskonечномерные эллиптические операторы и связанные с ними параболические уравнения/. 22 p3827 A67-39432
- DALEY, F. D., JR.
Some general considerations of the role of the computer in airborne and spaceborne data handling systems. 14 p2275 A67-28684
Analog-to-digital conversion techniques. 14 p2276 A67-28771
- DALEY, H. L.
Cesium ion sputtering of aluminum, copper, and titanium. [AIAA PAPER 66-203] 05 p0871 A67-17349
- DALEY, J. A.
Lubrication of the SST engine. [SAE PAPER 660711] 01 p0013 A67-10601

- DALFONSO, J. L.**
Miniaturization and the dry cell /La miniaturisation et la pile électrique/. 07 p1131 A67-19531
- DALGARNO, A.**
Applications of time-dependent perturbation theory. 02 p0268 A67-12725
Twilight effects of solar ionizing radiation. 05 p0885 A67-17410
Ion temperatures in the topside ionosphere. 08 p1327 A67-21371
Atmospheric reactions with energetic particles. 10 p1637 A67-23191
The 5577/3914 angstrom units intensity ratio in auroras. 16 p2666 A67-31413
The diurnal variation of ionospheric temperatures. 17 p2850 A67-33192
Auroral excitation of the forbidden lines of atomic oxygen. 20 p3426 A67-36301
Effect of the Starfish high altitude nuclear explosion on the F2-region. 22 p3793 A67-40082
Dipole properties of molecular nitrogen. 24 p4190 A67-42096
- DALIN, G. A.**
Absorption and diffusion of zincate ions in cellulose membranes. 22 p3758 A67-40227
- DALINS, I.**
Modulated molecular beam apparatus for studies of atomic interactions with surfaces. 09 p1499 A67-22114
- DALLAPORTA, N.**
Gravitational and cosmological red-shift for quasars. 20 p3521 A67-36295
- DALLAS, S. S.**
High-energy trajectories from earth to Mars and return. 12 p2003 A67-25741
- DALLOS, A.**
Pumping speeds of getter-ion pumps at low pressures. 08 p1333 A67-21494
- DALLY, J. W.**
Initial studies in three-dimensional dynamic photoelasticity. 17 p2959 A67-32415
- DALMAN, G. C.**
Properties of noise generation mode of operation of Gunn effect. 09 p1556 A67-22263
Effects of circuit load on the microwave properties of Gunn diodes. 09 p1479 A67-22268
- DALPIAZ, P.**
A study of the fractional charge content of the cosmic radiation. 24 p4210 A67-42600
- DALRYMPLE, G. F.**
Gallium arsenide injection laser radar. 09 p1462 A67-21640
- DALRYMPLE, G. V.**
Hepatic lesions produced by 32 and 55 Mev proton irradiation. 23 p3944 A67-41017
- DALTON, B. P.**
The purification and properties of nicotine oxidase. 20 p3376 A67-37032
- DALVEN, R.**
Electrical properties of a degenerate intrinsic semiconductor. 15 p2535 A67-29487
- DALY, B. J.**
Numerical study of two fluid Rayleigh-Taylor instability. 11 p1774 A67-23859
- DALY, G. B.**
Automatic acquisition of Canopus. [ATAA PAPER 67-585] 19 p3258 A67-35980
- DALY, N. R.**
Electron collisions in nitrogen. 01 p0117 A67-10779
- DALY, O.**
Living relative of the microfossil Kakabekia. 15 p2429 A67-29848
- DALY, R. T.**
Performance limits and design procedure for all-weather terrestrial range-finders. 23 p3999 A67-41040
- DAMIANI, G. L.**
Application of simulation modeling techniques to spares analysis of airborne systems. 23 p4085 A67-40590
- DAMIANO, V.**
Microstrain compression of a beryllium - 4.37 percent copper alloy parallel to the C-axis. 13 p2137 A67-27114
- DAMM, C. C.**
Plasma formation by neutral-atom injection into toroidal systems. 17 p2908 A67-33110
- DAMON, R. W.**
Solid-state microwave delay lines. 16 p2637 A67-31196
- DANBY, J. M. A.**
Elliptic motion. 06 p1030 A67-17772
Matrix methods. 06 p1022 A67-17773
Convergence in planetary theory and the selection of the constants. 08 p1382 A67-20394
- Orbits in the Copenhagen problem asymptotic at L sub 4, and their genealogy. 13 p2205 A67-27481
High-energy orbits in barred spirals. 23 p4063 A67-40898
- DANCE, W. E.**
K-shell ionization of Ag, Sn, and Au from electron bombardment. 04 p0661 A67-15762
- DANCHENKO, V.**
Effects of electric fields and their configurations on thermal annealing of MOSFETs and radiation hardening. 17 p2916 A67-32835
- DANCY, W. H., JR.**
Three dimensional magnetically supported wind tunnel balance. 05 p0786 A67-16461
- DANDL, R. A.**
Observation of ion heating using a modulated electron beam in a magnetic mirror field. 13 p2164 A67-26299
- DANEK, M.**
Sonic boom measurements for supersonic aircraft /Mereni intenzity aerodynamického tresku nadzvukových letounu/. 09 p1440 A67-22457
- DANESHYAR, H.**
On the two-dimensional unsteady flow of compressible fluids. 12 p1928 A67-25357
- DANESI, W. P.**
Phase reactions in B-1900 nickel-base alloy from 1600 to 1800 deg F. 02 p0256 A67-12706
The effects of microstructural variations on stress-corrosion cracking susceptibility of Ti-8Al-1Mo-IV alloy on marlinized gas turbines. [ASME PAPER 67-GT-5] 11 p1808 A67-24793
- DANGELO, H.**
Trajectory sensitivity of an optimal control system. 08 p1309 A67-20327
Time-domain analysis of a class of discrete nonlinear time-varying systems. 16 p2650 A67-31675
- DANGELO, N.**
Confinement of a cesium plasma in a mirror field. 02 p0276 A67-12560
"Turbulence" of a low-beta plasma. 05 p0859 A67-17443
Negative ions in the night ionosphere and the continuous sub-ELF emissions. 11 p1784 A67-23933
Effects related to ion cooling in a Q-device. 11 p1833 A67-24371
The fine structure of the ionosphere. 11 p1786 A67-24398
Negative ions in the night ionosphere and the continuous sub-ELF emissions. 11 p1787 A67-24399
The fine structure of the ionosphere. 13 p2109 A67-26329
Recombination instability. 15 p2522 A67-29208
Ion cooling in a Q-device. 16 p2720 A67-31244
Production of a thermally ionized plasma with negative ions. 19 p3272 A67-35084
Experiments with cesium plasma in a magnetic field with variable curvature. 19 p3288 A67-35365
- DANIEL, J. W.**
A partial error analysis for the solution of differential equations in simulation - A look at Fowler's Z-transform root-locus method. 07 p1148 A67-19892
- DANIEL, O. H.**
Meteorological rocket network probing of the stratosphere and lower mesosphere. 02 p0239 A67-12535
- DANIEL, R. R.**
Cosmic electrons above 10 Gev and the universal black-body radiation at 3 deg K. 01 p0145 A67-10921
High energy neutrons from the sun. 06 p1076 A67-17602
Recent observations on cosmic electrons and their consequences on different cosmic ray models and related astrophysical quantities. 22 p3874 A67-40239
- DANIELL, A. F.**
Seastations in conjunction with submarine cables for aviation communication and navigation and for air traffic control. 09 p1530 A67-22652
- DANIELS, G. E.**
Terrestrial environment guideline documents. 22 p3829 A67-39927
- DANIELS, G. M.**
Acoustic-gravity waves in model thermospheres. 14 p2310 A67-28054
Ducted acoustic gravity waves in a nearly isothermal atmosphere. 21 p3623 A67-39057
- DANIELS, P.**
A spin scale theory for rigid body integration using the Frick slip frame. 05 p0906 A67-17362
Fin slots vs roll lock-in and roll speed-up. 08 p1413 A67-21531
- DANIELS, W. E., JR.**
Shifts in superconducting transition temperature with changes in carrier concentration. 02 p0291 A67-11741
- DANIELSON, G. E., JR.**
Control of laser action. 09 p1513 A67-22146
- DANIELSON, G. H.**
Microelectronic frequency discrimination techniques. 14 p2282 A67-28024
- DANIELSON, R. E.**
Observations of sunspot fine structure from the stratosphere and theoretical interpretation. 13 p2203 A67-27423
Large telescopes in orbit. 18 p3043 A67-33493
- DANIELSSON, L.**
Simulation of the solar wind interaction with comets. 03 p0506 A67-13575
- DANILEIKO, I. U. K.**
Concentration and temperature dependences of spinlattice relaxation times in ruby at helium temperatures - Relaxation in a zero magnetic field. 05 p0817 A67-16637
- DANILEIKO, M. V.**
Adjustment and stabilization of the wavelength of ruby laser radiation /Pro perestroivannia i stabilizatsii dovozhliv khvili viprominivannia rubinovogo optichnogo kvantovogo generatora/. 14 p2332 A67-28759
- DANILENKO, V. A.**
A method of investigating sintered material surfaces. 19 p3247 A67-35849
- DANILENKO, V. M.**
Normalization of a random process by post-detector integration /K voprosu o normalizatsii sluchalnogo protsessa pri posledetektornom integirovani/. 13 p2069 A67-27044
- DANILIN, V. A.**
Ionospheric waveguide channels for long-distance radio links below the maximum of the F2 layer /Ionosfernye volnovodnye kanaly dlia dal'nei radiosv'язi nizhe maksimuma sloia F sub 2/. 13 p2071 A67-27328
- DANILIN, I. S.**
Conversion of a transverse electromagnetic wave into ion-acoustic plasma oscillations with the formation of an intermediate electron plasma wave. 04 p0668 A67-15275
Certain nonlinear effects in a collisionless plasma and possible perspectives of their application /O nekotorykh nelineynykh effektakh v besstolknovitel'noi plazme i vozmozhnykh perspektivakh ikh ispol'zovaniia/. 17 p2905 A67-32920
Acceleration of particles in the interaction of high-frequency fields with plasmas /Uskorenie chastits pri vzaimodelstvii vysokochastotnykh polei s plazmoi/. 17 p2905 A67-32922
- DANILKIN, N.**
A possible determination of the initial height of the ionosphere. 17 p2842 A67-32383
- DANILKIN, N. P.**
Determination of the altitude of the lower boundary of the ionosphere /Ob opredelenii nachal'noi vysoty ionosfery/. 16 p2669 A67-31906
- DANILOV, A. A.**
Variations in cosmic rays during a period of coil-type magnetic disturbances /Variatsii kosmicheskikh luchei v period bukhtobraznykh magnitnykh vozmushchenii/. 02 p0306 A67-11656
Cosmic-ray variations as a function of the shortest distance from the earth to the axis of the corpuscular stream. 13 p2191 A67-26546
Dependence of diurnal cosmic-ray variation on geomagnetic activity and the solar latitude of the earth. 13 p2191 A67-26546
Cosmic-ray variations during bay-like magnetic disturbances. 16 p2738 A67-31071
Structure of the interplanetary magnetic field /O strukture mezhplanetnogo magnitnogo polia/. 21 p3699 A67-39019
S sub D variations of the geomagnetic field in Yakutsk and solar activity /S sub D - variatsii geomagnitnogo polia v Iakutske i solnechnaia aktivnost'/. 21 p3623 A67-39041
- DANILOV, A. D.**
Experimental investigations of the neutral composition of the atmosphere in the 100-

- 200-km range. 07 p1169 A67-19097
Mass-spectrometric investigations of the interaction of atmospheric ions with molecules of rocket gas release. 10 p1640 A67-23215
Variations of atmospheric ion composition at 100-200 km. 12 p1933 A67-25649
On atmosphere composition in the range of 100-200 km. 12 p1934 A67-25789
Chemistry of the Ionosphere /Khimiya Ionosfery/. 16 p2619 A67-31252
On interpretation of charged particles concentration at the heights of 10-60 km. 19 p3219 A67-35249
- DANILOV, I. I.**
Convective heat transfer in a tube with a gaseous heat carrier pulsating at a frequency that corresponds to the second resonance harmonic /Konvektivnyi teploobmen v tube pri pulsatsionnykh gazovogo teplosostitelia s chastotoi, sootvetstvuyushchey vtoroi rezonansnoi garmonike/. 07 p1266 A67-19182
Convective heat transfer of a pulsating flow in a tube near the first resonant harmonic /Konvektivnyi teploobmen pul'siruiushchego potoka v tube vblizi pervoi rezonansnoi garmoniki/. 23 p4082 A67-41285
- DANILOV, N. S.**
Compound load machine with automatic stressed state programming /Mashina na slozhnoe nagruzhenie s avtomaticheskimi programirovaniem napriazhennogo sostoyaniya/. 06 p1107 A67-18639
- DANILOV, O. B.**
Interaction of oscillation modes in a gas laser with a spherical-mirror resonator cavity /Vzaimodeystvie tipov kolebaniy v gazovom opticheskom kvantovom generatore s rezonatorom so sfericheskimi zerkalami/. 16 p2685 A67-31038
The spectrum of a continuous-action laser with a confocal resonator /K voprosu o spektre OKG nepreryvnogo deystviya s konfokal'nyim rezonatorom/. 18 p3060 A67-34039
- DANILOV, V. N.**
Theory of the relativistic magnetron /K teorii relativistskogo magnetrona/. 05 p0774 A67-16907
The theory of a relativistic magnetron. 16 p2636 A67-30884
Investigation of the influence of "frozen" vacancies on the microhardness and electrical resistance of ferrites /Issledovanie villanii "zamorozhennykh" vakansiy na mikroverdst' i elektrooprotivleniye ferritov/. 18 p3097 A67-33480
- DANILOV, Y. I.**
Unsteady heat transfer in tubes resulting from changes in heat flow, gas mass flow rate and acoustic resonance. 04 p0733 A67-15844
- DANILOVA, N. P.**
Cryopump for creating a superhigh vacuum /Kriyosos dlya polucheniya sverkhvysokogo vakuuma/. 06 p0950 A67-17940
Cryopump for the obtention of ultrahigh vacuum. 18 p2988 A67-33776
- DANILOVA, T. N.**
A comparative study of recombination radiation from GaAs p-n junctions with and without Fabry-Perot resonators. 08 p1337 A67-20413
- DANILOVSKAIA, V. I.**
Solution of the thermoelasticity problem and construction of a computational algorithm /Ob odnom metode resheniya zadachi termoprugosti i postroyeniya algoritma scheta/. 05 p0914 A67-16196
- DANKMAN, H. S.**
Atmospheric diffusion of rocket motor exhaust clouds. [AIAA PAPER 67-280] 07 p1221 A67-20084
- DANNESHA, A. T.**
Mechanism of overlap segregation in aluminum alloy weldments. 01 p0080 A67-10947
Characteristic redistribution of solute in fusion welding. 05 p0811 A67-16830
Diffusion bonding beryllium, molybdenum and tungsten. 07 p1192 A67-20248
- DANNHAUSER, F.**
Analysis of bulk reverse current in diffused silicon power rectifiers. 11 p1760 A67-24144
- DANSAS, P.**
Contribution to the study of Hertzian relaxation spectra of various metal oxide semiconductor structures /Contribution a l'etude des spectres Hertiens de relaxation de diverses structures metal-oxyde-semi-conducteur/. 03 p0493 A67-13453
- DANTON, J.**
Use of an off-track airborne navigation computer as an aid to air traffic control. 09 p1531 A67-22658
- DANTONIO, R.**
Adaptive digital satellite transmission ground terminal design considerations. 06 p0960 A67-17675
- DANTZIG, G. B.**
Application of generalized linear programming to control theory. 17 p2829 A67-32430
- DANZIGER, I. J.**
Spectrophotometry of new short-period variable stars. 19 p3330 A67-36076
- DARBEDA, G.**
Concept, development, and tests of solar thermionic converters with alkaline vapor refueling /Conception, realisation et essais de convertisseurs thermioniques solaires a vapeur de remplissage alcaline/. 07 p1132 A67-20287
- DARBY, W.**
Characterization of the Fe-Fe sub x Sb eutectic system with respect to structure and ferromagnetic properties. 23 p4039 A67-40884
- DARCHIA, SH. P.**
Oscillations in the turbulence angle /K voprosu o kolebaniy ugla turbulentsii/. 02 p0261 A67-11990
- DARCY, V. J.**
An application of an analog computer to solve the two-point boundary-value problem for a fourth-order optimal control problem. 11 p1771 A67-24893
- DARDARE, J.**
Propulsion by liquid oxygen and liquid hydrogen. 05 p0874 A67-17014
- DARENSKAIA, N. G.**
The problem of verifying the permissible doses of ionizing radiation for space-vehicle crews /Problema obosnovaniya dopustimyykh doz ioniziruyushchey radiatsii dlya chlenov ekipazha kosmicheskikh korabli/. 16 p2617 A67-30764
- DAREVSKII, V. M.**
Nonlinear equations of equilibrium of a shell /Nelineinye uravneniya ravnovesiya obolochki/. 01 p0162 A67-10903
Nonlinear equilibrium equations of a shell. 11 p1880 A67-25073
Free oscillations of a cylindrical shell with concentrated mass /Svobodnye kolebaniya tsilindricheskoi obolochki s sosredotochennoi massoi/. 12 p2025 A67-25604
Nonlinear equations of shell theory and their linearization in stability problems /Nelineinye uravneniya teorii obolochek i ikh linearizatsiya v zadachakh ustoiichivosti/. 12 p2025 A67-25605
- DARICEK, T.**
Comparison of rotating mirror and liquid bleach as a Q switch for a ruby laser. 17 p2871 A67-33390
- DARINSKII, B. M.**
Effect of the shape of the hysteresis loop on the steady-state oscillation regime of a system with one degree of freedom /Vliyanie formy petli gisterezi na statsionarnyy rezhim kolebaniy sistemy s odnoi stepen'yu svobody/. 03 p0530 A67-14176
- DARLINGTON, S.**
Some advances in linear circuit theory. 14 p2291 A67-28459
- DARMAGNA, D.**
Spherulitic growth in thin telluride layers /Croissance spherolitique dans les couches minces de tellurures/. 02 p0295 A67-11766
- DARMS, F. J.**
Filament-wound structures. 11 p1811 A67-25008
- DARNELL, M.**
Synthesis of pseudorandom signals derived from p-level m-sequences. 03 p0393 A67-13997
- DARRAS, R.**
Problems of the corrosion of beryllium in CO sub 2 under pressure at high temperatures /Problemes de corrosion du beryllium dans le gaz carbonique sous pression aux temperatures elevees/. 13 p2136 A67-27108
- DARREL, B.**
A superconducting gyroscope for gimballed platform application. 13 p2122 A67-27683
- DARROW, E. A.**
Analysis and prediction of effects of exhaust products from aluminized solid-propellant rocket motors on launch facilities. [AIAA PAPER 66-972] 02 p0304 A67-12294
Effects of exhausts from aluminized solid propellants on launch facilities. [AIAA PAPER 66-972] 17 p2928 A67-32064
- DART, K.**
Conductive cooling - Effects on physiological parameters during exercise. 23 p3964 A67-41558
- DARWELL, H. M.**
A solid propellant motor for the third stage of a satellite launcher. 10 p1698 A67-23483
The design of rocket nozzles to reduce gas misalignment. 15 p2547 A67-29995
- DAS GUPTA, M. K.**
Irregularities in the solar atmosphere. 01 p0150 A67-10891
- DAS, A.**
Some principal problems in the field of turbine aerodynamics /Ueber einige grundlegende Fragen auf dem Gebiet der Aerodynamik der Turbomaschinen/. 04 p0547 A67-14985
- DAS, A. C.**
Dispersion of the whistler mode for velocity distribution with a loss cone. 08 p1324 A67-20894
- DAS, D. K.**
Comparison of permanent magnet materials for focusing electron beams in microwave tubes. 15 p2447 A67-29753
- DAS, J.**
Some asynchronous pulse-modulation systems. 17 p2812 A67-32318
Optimised delta-delta modulation system. 17 p2812 A67-32319
Pulse-Interval modulation. 17 p2813 A67-32320
- DAS, M. B.**
Generalised high-frequency network theory of field-effect transistors. 05 p0777 A67-17298
Switching characteristics of M.O.S. and junction-gate field-effect transistors. 21 p3602 A67-39069
- DAS, P.**
Direct and inverse problems of optimization of quadratic functional in linear autonomous and controlled systems /K priamoi i obratnoi zadacham optimizatsii kvadrachnykh funktsionalov v lineinykh avtonomnykh i upravlyaemykh sistemakh/. 01 p0044 A67-10490
Upper frequency limit for Gunn oscillators imposed by carrier energy relaxation time. 09 p1556 A67-22264
The direct and inverse optimization problems for quadratic functionals in linear autonomous and controllable systems. 10 p1621 A67-23612
- DAS, P. K.**
A modified method of accelerated fatigue testing. 14 p2402 A67-28815
- DAS, R.**
Broadbanding of concentric planar ring arrays by space tapering. 16 p2840 A67-31526
- DASARATHY, B. V.**
The study of a single degree of freedom system with time dependent parameters. 17 p2958 A67-32128
- DASARO, L. A.**
Analysis of a microwave amplifier using the electro-optic junction modulator. 05 p0774 A67-16822
- DASCALU, D.**
Detection characters at very high frequencies of the space-charge-limited solid-state diode. 03 p0380 A67-13488
Small-signal theory of space-charge-limited diodes. 04 p0582 A67-15097
A high-frequency negative resistance in dielectric diodes with a high density of shallow traps. 14 p2367 A67-28521
Detection properties of space-charge-limited dielectric diodes in the presence of trapping. 17 p2823 A67-32199
- DASGUPTA, B.**
Conductivity of a plasma in a steady magnetic field. 20 p3503 A67-37692
- DASH, S.**
Dislocation-induced deviation of phosphorus-diffusion profiles in silicon. 07 p1234 A67-19890
- DASHENKOV, V. M.**
Calculation of the natural frequencies of axially symmetric resonators and the cutoff wavelengths of regular waveguides. 01 p0035 A67-10394

- DASHEVSKAIA, O. B.**
Dispersion hardening of niobium-based alloys /Dispersionnoe uprochnenie v splavakh na osnove niobiia/. 16 p2687 A67-30844
- DASHEVSKII, L. N.**
Computer-based calculations of the equilibrium of combustion products from methane-oxidizing mixtures /Raschet termodynamicheskogo ravnovesiia produktov goreniia metano-okislitel'nykh smesel na elektronno-vychislitel'nykh mashinakh/. 11 p1881 A67-24023
- DASHEVSKII, M. A.**
Transverse oscillations of a fluid in a circular cylinder with a horizontal generatrix /Poperechnye kolebaniia zhidkosti v krugovom tsilindre s gorizontol'noi obrazulushchel'/. 09 p1574 A67-21891
- DASHEVSKII, M. L.**
Simulation of stochastic differential equations connected with the "disorder" problem by means of analog computers. 05 p0768 A67-16263
- DASHEVSKII, V. M.**
Cosmological deductions from observations of quasi-stellar sources. 18 p3119 A67-33856
- DASHKOV, A. A.**
Some requirements for interplanetary trajectory correction systems /Nekotorye trebovaniia k sistemam korrektsii mezplanetnykh traektorii/. 02 p0321 A67-11537
- Some requirements of systems for the correction of interplanetary trajectories. 16 p2752 A67-31603
- DASHKOVSKII, A. I.**
Iodide-type vanadium. 19 p3243 A67-34924
- DASPET, D.**
Action of nuclear particles on the transport properties of single crystals of N-type gallium arsenide and of P-type gallium antimonide /Action des particules nucleaires sur les proprietes de transport de monocristaux d'arseniure de gallium de type N et d'antimoniure de gallium de type P/. 16 p2727 A67-30869
- Behavior of p-n junction devices irradiated by 4-Mev electrons /Comportement de dispositifs a jonction p-n irradies par des electrons de 4 Mev/. 19 p3306 A67-35670
- DASSAC, M.**
Study from two conjugate points of radioelectric VLF emissions /0.8 to 10 kHz/ /Etude en deux points conjuges des emissions radioelectriques de tres basse frequence /0.8 - 10 kHz/. 06 p0997 A67-18698
- DASTIN, S. J.**
High-performance bonded metal solid-fuel rocket motor cases. 09 p1578 A67-22513
- DATAR, S. V.**
A recording telethermometer for use at airports. 10 p1656 A67-23088
- DATKO, R.**
Global stability of second order autonomous differential equations. 04 p0647 A67-15743
- DATLOV, J.**
Regimes of plasma acceleration in inhomogeneous high-frequency and magnetostatic field in cavity resonator. 14 p2353 A67-27750
- DATNOW, B.**
Development of a standard prolonged work test for the evaluation of fatigue and stress in man. 10 p1600 A67-23817
- DATSENKO, L. I.**
Investigation of the defects in hardened germanium free of dislocations /Doslidzhennia defektiv gartuvannia v bezdislokatsionomu germanii/. 14 p2372 A67-28761
- Images of linear defects obtained from the anomalous passage of X-rays /Pro zobrazhennia liniinikh defektiv v metodi anomal'nogo prokhodzhennia rentgeniv'skikh promeniv/. 24 p4202 A67-42072
- DATT, S. C.**
Electrical conductivity in organic semiconductors. 19 p3302 A67-34995
- DATTA, A. K.**
On optimization of a second-order nonlinear control system for various performance criteria. 20 p3410 A67-37252
- DATTA, S. K.**
Stability of Couette flow of second-order fluids between two coaxial circular cylinders. 11 p1781 A67-24570
- DAUDE, A.**
Metal seals bakable at high temperature /Joints metalliques etuvables a haute temperature/. 04 p0630 A67-15633
- Photon excitation of volume and surface plasmons for magnesium layers evaporated and studied in an ultrahigh vacuum /Excitation par photons de plasmons de volume et de surface pour des couches de magnesium evaporees et etudiees en ultravide/. 17 p2913 A67-32292
- DAUERMAN, L.**
Catalyzed thermal decomposition of ammonium perchlorate. 05 p0759 A67-17374
- Characterization of volatilized species from solid propellants. 17 p2927 A67-33028
- DAUGHADAY, H.**
An improved computational model for predicting the unsteady aerodynamic loads of rotor blades. 04 p0545 A67-14490
- Suppression of transmitted harmonic rotor loads by blade pitch control. [AHS PAPER 129] 16 p2777 A67-31843
- DAUGHERTY, G. R.**
Hysteresis loop measurement during fatigue testing at 30 Hz. 23 p4078 A67-41227
- DAUGHERTY, J. D.**
Equilibrium of electron clouds in toroidal magnetic fields. 08 p1364 A67-21396
- DAUGUET, M. A.**
Navigation and guidance aboard space vehicles /Navigation et guidage a bord des vehicules spatiaux/. 14 p2347 A67-28963
- DAUM, F. L.**
Air condensation in rapidly expanding hypersonic flow. 16 p2657 A67-30708
- DAUMAS, R.**
Study of the deformation of beryllium under hydrostatic pressure reaching 15 kilobars /Contribution a l'etude de la deformation du beryllium sous pression hydrostatique atteignant 15 kilobars/. 13 p2139 A67-27124
- DAUMOV, G. IU.**
Some generalizations relating to the study of electric arcs. 04 p0666 A67-15191
- DAUNCEY, S. R.**
On-site rectification of meteorological satellite pictures. [AIAA PAPER 66-439] 07 p1184 A67-19373
- DAUNOV, M. I.**
Influence of mixed conduction on the temperature dependence of the transport coefficients of semiconductors. 02 p0296 A67-11829
- DAUNT, J. G.**
Magnetic properties of superconducting Mo-Re alloys. 07 p1236 A67-20135
- DAURIA, G.**
Fresnel diffraction and focusing properties of apertures under partially coherent illumination. 16 p2639 A67-31358
- DAUTOV, G. IU.**
Generators of low-temperature gas-discharge plasma /Generatory nizkotemperaturnoi gazorazriadnoi plazmy/. 06 p1038 A67-17745
- Investigation of fluctuations in a plasmatron with self-adjusting arc /Issledovanie pul'satsii v plazmotrone s samoustanavlivaushchiesia dugoi/. 11 p1843 A67-24971
- Characteristics of a plasmatron with an insert in the electrode gap /Kharakteristiki plazmatrona s mezhelektrodnol vstavkol/. 11 p1843 A67-24973
- Peculiarities of the operation of low-temperature plasma generators with vortex stabilization of the arc, and generalization of the investigations /Osobennosti raboty generatorov nizkotemperaturnoi plazmy s vikhrevoi stabilizatsiei dugi i obobshchenie rezul'tatov issledovani/. 17 p2897 A67-32171
- A vortical-scheme plasmatron for operation on high currents /Plazmatron vikhrevoi skhemy dlia raboty na bol'shikh tokakh/. 18 p3088 A67-34057
- Dynamic characteristics of an alternating-current arc in a plasmatron /O dinamicheskoi kharakteristike dugi peremennogo toka v plazmotrone/. 18 p3088 A67-34058
- Features of the vortical stabilization of an electrically conductive gas in a radial electric field /Osobennosti vikhrevoi stabilizatsii elektroprovodnogo gaza v radial'nom elektricheskom pole/. 20 p3500 A67-37062
- Electric-field intensity in a vortex-stabilized arc /Napriazhennost' elektricheskogo polia v stabilizirovannoi vikhrem duge/. 24 p4195 A67-41940
- DAUTZENBERG, W. G.**
Advances in monolithic integrated circuits. 12 p1916 A67-25995
- DAUVILLIER, A.**
Role of solar activity and polar migrations in the origin and evolution of terrestrial life /Sur le role de l'activite solaire et des migrations polaires dans l'origine et l'evolution de la vie terrestre/. 01 p0149 A67-10756
- Inversions and the origin of the geomagnetic field /Sur les inversions et l'origine du champ geomagnetique/. 02 p0326 A67-12063
- Tektites are terrestrial/ques/. 14 p2385 A67-28145
- DAVE, J. V.**
The effects of scattering and ground reflection on the solar energy absorbed by ozone in a Rayleigh atmosphere. 12 p1932 A67-25341
- A preliminary study on the possibility of estimating total atmospheric ozone from satellite measurements. 19 p3226 A67-35923
- The determination of ozone parameters from measurements of the radiation backscattered by the earth's atmosphere. 22 p3794 A67-40365
- DAVEAU, J. E.**
Reliability and maintainability case histories. 18 p3005 A67-34696
- DAVENPORT, A. G.**
Dynamic buckling in modified I-beams. 17 p2958 A67-32030
- DAVENPORT, W. W.**
The space velocity meter. 08 p1331 A67-21101
- Maximum data recovery using the space velocity meter. 08 p1332 A67-21102
- DAVEY, A.**
Three-dimensional flow near a two-dimensional stagnation point. 13 p2050 A67-26912
- DAVEY, J. E.**
Anomalous optical effects in germanium films. 01 p0138 A67-11076
- DAVID, B.**
Measurement of the abundance of sodium-24 in the Saint-Severin meteorite /Mesure de l'abondance du sodium 24 dans la meteorite Saint-Severin/. 16 p2754 A67-31790
- DAVID, C.**
Density and temperature of a laser induced plasma. 05 p0852 A67-16654
- DAVID, E.**
Flight of tektites from meteorite impact. 20 p3530 A67-37527
- DAVID, J.**
The influence of alpha-irradiation on the transition temperature of superconductive tin, indium and thallium foils. 17 p2926 A67-33405
- DAVID, J. P.**
Concept, development, and tests of solar thermionic converters with alkaline vapor refueling /Conception, realisation et essais de convertisseurs thermioniques solaires a vapeur de remplissage alcaline/. 07 p1132 A67-20287
- Contribution to the study of thin films of semiconductor materials used in the preparation of photovoltaic cells /Contribution a l'etude de couches minces de materiaux semiconducteurs utilises dans la preparation de photopiles/. 08 p1368 A67-20727
- Influence of electron/Cs super plus -ion radiative recombination on the intensity of the spectral lines of cesium /Influence de la recombinaison radiative electron-ion Cs super plus sur l'intensite des raies spectrales du cesium/. 20 p3488 A67-36438
- DAVID, R. F.**
Angular dependence of paramagnetic relaxation for super 2 T sub 2 states in rhombic symmetry - General theory and application to K sub 3 /Co, Fe/ /CN/ sub 6. 01 p0129 A67-10150
- DAVIDOR, W.**
Parametric solution of the one-dimensional flow equations with heat addition. 16 p2591 A67-30944
- DAVIDOV, I. V.**
Stresses induced by temperature effects in thin-walled bars of open section /Napriazheniia v tonkostennnykh sterzhnakh otkrytogo profil'a ot temperaturnykh vozdeistvii/. 21 p3728 A67-38905
- DAVIDS, L. H.**
Surveyor guidance program. 15 p2514 A67-29599
- DAVIDS, N.**
Plastic deformation of cylindrical missiles in impact. 22 p3914 A67-40182

- DAVIDSE, P. D.
Theory and practice of R.F.
sputtering. 04 p0631 A67-15993
- DAVIDSON, D.
A wide-latitude developer for use in
astronomical and scientific
photography. 06 p1002 A67-17976
- DAVIDSON, D. L.
Oxygen difluoride propellant system
design and operational experience at Arnold
center. [AIAA PAPER 67-279] 07 p1164 A67-20049
Fracture mechanisms and fracture surface
topography. 16 p2772 A67-31301
- DAVIDSON, F. D.
L and M X-ray spectra in the region 2-85
angstrom units. 01 p0116 A67-10690
A simple light element X-ray
spectrometer. 17 p2853 A67-32046
- DAVIDSON, G. T.
Venus - Volcanic eruptions may cause
atmospheric obscuration. 17 p2951 A67-33232
- DAVIDSON, I. A.
An economical method of achieving large
scale integration. 18 p3014 A67-34553
Test methods in the manufacture of
silicon microcircuits. 23 p3977 A67-40660
- DAVIDSON, K.
Infrared and radio appearance of cocoon
stars. 14 p2388 A67-28833
- DAVIDSON, L. A.
Simple expression for storage time of
arbitrary base diode. 03 p0380 A67-13489
- DAVIDSON, M.
Lunar profiles determined from the
annular solar eclipses of 1962 and
1963. 18 p3130 A67-34314
- DAVIDSON, M. E.
The Manchester selenodetic control
system. 18 p3131 A67-34322
- DAVIDSON, R. C.
The evolution of wave correlations in
uniformly turbulent, weakly non-linear
systems. 22 p3843 A67-39267
Statistical frameworks for weak plasma
turbulence. 22 p3849 A67-39701
- DAVIDSON, R. S., JR.
Improving potentiometer
life. 14 p2325 A67-28770
- DAVIDSON, W.
Cosmological models and their
observational validation. 19 p3327 A67-35870
- DAVIES, C. M.
Charge separation effects in the Ferraro-
Rosenbluth cold plasma sheath
model. 11 p1825 A67-23869
- DAVIES, C. R.
Effect of -7G sub x acceleration on renal
excretion of solutes in
rabbits. 07 p1134 A67-19861
- DAVIES, D. E.
Secondary ionization processes in mercury
vapour. 19 p3265 A67-35090
- DAVIES, D. E. N.
Electronically scanned antenna systems.
II. 04 p0581 A67-15050
Some new studies of angular resolution
for linear arrays. 06 p0966 A67-17576
Independent angular steering of each zero
of the directional pattern for a linear
array. 11 p1762 A67-24290
Directional properties of circular
arrays. 15 p2454 A67-30138
- DAVIES, D. O.
Some VTOL powerplant design and
development experience. 04 p0687 A67-14435
- DAVIES, G. A. O.
Plate-reinforced holes. 10 p1719 A67-23472
- DAVIES, G. E.
An empirical expression for the resistance
of small bore tubes to turbulent
flow. 08 p1320 A67-20461
- DAVIES, G. F.
Fiber-reinforced, sintered
composites. 01 p0098 A67-10705
- DAVIES, I. G.
Localized breakdown in Ge mesa diodes
due to inclusions. 04 p0584 A67-15486
- DAVIES, J. B.
Scattering by infinite cylinders of
arbitrary cross-section by the method of
finite differences. 05 p0764 A67-16952
Propagation in rectangular waveguide
filled with skew uniaxial
dielectric. 17 p2828 A67-33086
- DAVIES, J. G.
Observations of planetary nebulae at three
microwave frequencies. 16 p2752 A67-31824
Observations of Luna 9 and Luna 10 near
the moon. 18 p3003 A67-34242
- DAVIES, J. M.
Adaptive data
compression. 11 p1756 A67-24709
- DAVIES, J. W.
The feasibility of measuring turbulence in
the free atmosphere from rising balloons
tracked by FPS-16 radar. 10 p1678 A67-22815
- DAVIES, K.
The effect of spread F on the propagation
of radiowaves near the
equator. 15 p2438 A67-30297
- DAVIES, L. G.
Measuring the elastic moduli of inorganic
filaments. 13 p2144 A67-27187
- DAVIES, M. C.
On the design of thin injected beam
crossed field amplifiers. 09 p1478 A67-22261
- DAVIES, M. E.
Planetary contamination.
II. 10 p1601 A67-23580
Big potential for small observation
satellites. 15 p2564 A67-29400
- DAVIES, P. M.
Spin-disorder resistivity measurements in
Gd-Yt alloys. 22 p3863 A67-40203
- DAVIES, P. O. A. L.
Turbulence structure in free shear layers.
[AIAA PAPER 65-805] 01 p0054 A67-11164
Convective heat transfer from bluff
bodies. 04 p0732 A67-15831
- DAVIES, R.
A simple diode parametric amplifier
design for use at S, C, and X
band. 09 p1474 A67-22085
- DAVIES, R. D.
Magnetic fields in
galaxies. 03 p0516 A67-14336
Linear polarization of the moon at 6, 11,
and 21 cm wavelengths. 07 p1251 A67-19854
Measurements of oh emission sources with
an interferometer of high
resolution. 10 p1709 A67-23491
The role of delayed photon processes in
the secondary ionisation of
neon. 19 p3264 A67-35086
21.2 cm observations of the planets Venus,
Mars, Jupiter and Saturn. 21 p3709 A67-38993
- DAVIES, R. E. G.
The short-haul market. 19 p3349 A67-35064
- DAVIES, R. G.
The mechanical properties of ordered
alloys. 15 p2504 A67-30028
- DAVIES, R. L.
Avalanche breakdown of diffused silicon
p-n junctions. 09 p1558 A67-22205
P-n-p-n charge
dynamics. 22 p3766 A67-39249
- DAVIES, R. S.
A communication satellite system for
many users. 06 p0961 A67-17695
- DAVIES, R. W.
Planetary contamination.
I. 10 p1601 A67-23579
- DAVIES, T. H.
Heat transfer characteristics of a closed
loop rotating
thermosiphon. 04 p0731 A67-15828
- DAVIES, W. D. T.
On-line system identification in the
presence of drift. 15 p2461 A67-30322
- DAVIES, W. O.
The determination of average
thermodynamic properties with optical cross-
correlation methods. [AIAA PAPER 67-149] 06 p1004 A67-18477
Aurora and airglow
conclusions. 18 p3039 A67-33625
- DAVIES, W. P.
Implications of atmospheric conditions on
S.S.T. operations. 19 p3173 A67-35309
- DAVIN, D. E.
Lunar applications of a spent S-IVB/IU
stage /LASS/. [AIAA PAPER 67-986] 24 p4246 A67-43058
- DAVIS, A.
Stability of
polycarbonate. 22 p3825 A67-39859
- DAVIS, A. W., JR.
Physiological responses to cold in men
during an extended period of sleep
loss. 23 p3955 A67-41615
- DAVIS, B. E.
Gravity-sintering and low-pressure pressing
of tungsten powders. 01 p0098 A67-10701
- DAVIS, C. S.
A comparison of fatigue life and reliability
from constant and variable amplitude
loading tests. [AHS PAPER 122] 16 p2777 A67-31837
- DAVIS, E. A.
Phosphorylation coupled to the oxidation
of sulfite and 2-mercaptoethanol in extracts
of *Thiobacillus thioparus*. 20 p3371 A67-36927
- DAVIS, E. S.
The Mariner IV Canopus
sensor. 16 p2699 A67-30654
- DAVIS, H. I.
Military avionics - How much
integration/ques/. 15 p2444 A67-29396
- DAVIS, H. M.
Controlling dynamic response in rough air.
[AIAA PAPER 66-997] 03 p0382 A67-14146
- DAVIS, H. R.
Observations on low aspect ratio wings at
high incidence. 10 p1593 A67-23549
- DAVIS, H. T.
Transport properties of a dense fluid of
molecules interacting with a square-well
potential. II. 04 p0720 A67-14507
Self-diffusion in simple
fluids. 06 p1035 A67-17989
H-film /Kapton/ flexible
circuits. 10 p1611 A67-23309
Contribution to the friction coefficient
from time correlations between hard and
soft molecular
interactions. 17 p2890 A67-33263
Kinetic theory of dense-fluid mixtures.
IV. 23 p4083 A67-41531
- DAVIS, H. W.
An elementary proof that Haar
measurable, almost periodic functions are
continuous. 17 p2876 A67-32385
- DAVIS, J.
A note on scattering of cylindrical waves
by a circular cylinder. 03 p0374 A67-14356
The test in space of a cesium contact ion
propulsion system. 16 p2736 A67-30711
- DAVIS, J. C.
Altitude decompression sickness - Current
concepts in terminology, pathophysiology
and treatment. 23 p3950 A67-41545
A seven year follow-up X-ray survey for
bone changes in low pressure chamber
operators. 23 p3957 A67-41641
Studies on an advanced passively
pressurizing partial pressure
suit. 23 p3969 A67-41647
- DAVIS, J. D.
Fuel for Concorde. I. 16 p2734 A67-31809
Fuel for Concorde. II. 18 p3110 A67-34533
- DAVIS, J. L.
Interpretation of Hall effect data in PbS
polycrystalline films. 24 p4204 A67-42363
- DAVIS, J. M.
Initial results from the Mariner 4 solar
plasma experiment. 10 p1707 A67-23228
- DAVIS, J. P.
Lithium-boiling potassium Rankine cycle
test loop operating
experience. 24 p4183 A67-42492
- DAVIS, J. R.
The resonant gate transistor - A frequency
selective component for integrated
circuits. 16 p2642 A67-31724
- DAVIS, J. R., JR.
The resonant gate
transistor. 13 p2079 A67-26870
- DAVIS, J. W.
The annular hollow cathode - Its operation
and applications. 04 p0628 A67-15311
- DAVIS, L. J.
Deflection of centrally loaded thin circular
elastic plates on equally spaced point
supports. 05 p0917 A67-16366
- DAVIS, L. K.
Recent flight experience of earth-orbiting
gravity gradient stabilization
systems. 02 p0334 A67-12362
- DAVIS, L. R.
Electrons in the Van Allen zone measured
with a scintillator on Explorer
14. 04 p0614 A67-14950
- DAVIS, L. W.
New metal-metal composite
materials. 08 p1343 A67-21523
Stainless wire plus
aluminum matrix
equals strong, light
plate. 12 p1954 A67-25289
Interferometric investigation of the
wavefront of laser beams. 16 p2685 A67-31032
Composites at low
temperatures. [ASTM PAPER 15] 18 p3067 A67-34576
- DAVIS, L., JR.
Magnetic fluctuations in the
magnetosheath - Mariner
4. 07 p1179 A67-19911
The polarity pattern of the interplanetary
magnetic field during solar rotations 1798-
1808. 11 p1857 A67-23942
Measurements of magnetic fields in the
vicinity of the magnetosphere and in

- interplanetary space - Preliminary results
from Mariner 4. 12 p2007 A67-25822
- The angular momentum of the solar
wind. 12 p2010 A67-28241
- Transverse fluctuations in the
interplanetary magnetic field - A requisite
for geomagnetic
variability. 22 p3790 A67-39800
- Optical pulse compression using Bragg
scattering by ultrasonic
waves. 24 p4188 A67-42368
- DAVIS, M. H.
Theoretical collision efficiencies for small
cloud droplets in Stokes
flow. 23 p4024 A67-40636
- DAVIS, N. M.
Electron beam synthesis and crystallization
of InSb films. 04 p0682 A67-15319
- DAVIS, Q. V.
Distance measurement by
laser. 07 p1186 A67-19606
- DAVIS, R. A.
High-efficiency
materials. 22 p3823 A67-40332
- DAVIS, R. E.
Statistical dependence effect of normal
mode response. 01 p0163 A67-11172
- Response of complex shell structures to
buffeting flows. 02 p0337 A67-11930
- [AIAA PAPER 66-81] 02 p0337 A67-11930
- Man-in-space communications
subsystem. 02 p0205 A67-12273
- Design principles and construction of
planar Ge Esaki diodes. 13 p2083 A67-27572
- Instrumentation ships - Present and
future. [AAS PAPER 67-52] 15 p2468 A67-30117
- DAVIS, R. H.
Scattering of alpha particles by oxygen.
I. 21 p3659 A67-38517
- Scattering of alpha particles by oxygen.
II. 21 p3659 A67-38518
- DAVIS, R. M.
Aerothermostructural design of a flight
capsule system entering low density Mars
atmosphere. 01 p0156 A67-11432
- Comparison of radiative versus ablative
heat shield concepts for manned lifting
entry vehicles with L/D's of 1.4 and 2.7.
[AIAA PAPER 66-990] 02 p0333 A67-12301
- Radiative vs ablative heat shield concepts
for manned lifting entry vehicles.
[AIAA PAPER 66-990] 15 p2564 A67-29421
- DAVIS, R. N.
Seeing solid. 24 p4157 A67-42434
- DAVIS, R. V.
Recent flight experience of earth-orbiting
gravity gradient stabilization
systems. 02 p0334 A67-12362
- Flight experience and application of earth-
orbiting gravity gradient stabilization
systems. 16 p2758 A67-30663
- DAVIS, T. N.
The application of image orthicon
techniques to auroral
observation. 06 p0993 A67-17563
- Rocket measurements of mid-latitude Sq
currents. 12 p1935 A67-25794
- A latitude survey of the equatorial
electrojet with rocket-borne
magnetometers. 13 p2107 A67-26307
- Worldwide auroral
morphology. 18 p3032 A67-33581
- Cinematographic observations of fast
auroral variations. 18 p3033 A67-33587
- DAVIS, W. O.
Environmental prediction using orbital
sensors. [AAS PAPER 67-104] 15 p2478 A67-29959
- DAVIS, W. R.
The fields of an electric dipole in
motion. 10 p1679 A67-22730
- DAVISON, E. J.
A high-order Crank-Nicholson technique
for solving differential
equations. 20 p3477 A67-36933
- DAVISON, G. N.
Manned spacecraft structure versus
unmanned spacecraft
structure. [SAE PAPER 66-0672] 01 p0153 A67-10579
- DAVISON, H. W.
The control of a nuclear reactor using
helium-3 gas control
elements. 04 p0656 A67-15989
- DAVISON, L.
Propagation of plane waves of finite
amplitude in elastic
solids. 02 p0336 A67-11792
- DAVISON, P. W.
The testing of NRX/EST and NRX-A5.
[AIAA PAPER 66-1004] 03 p0466 A67-14149
- DAVISSON, L. D.
The adaptive prediction of time
series. 02 p0207 A67-12138
- Theory of adaptive
compression. 12 p1907 A67-25992
- The asymptotic relative efficiency of
mixed statistical tests. 20 p3412 A67-37495
- An approximate theory of prediction for
data compression. 20 p3412 A67-37497
- DAVYDOV, A. B.
Contactless method of measuring
conductivity for semiconductors in strong
superhigh frequency electric
fields. 10 p1657 A67-23567
- DAVYDOV, A. E.
Preliminary results of a study of the
cosmic-ray distribution in the Eastern part
of the USSR by a SIBIZMIR expedition
/Predvaritel'nye rezul'taty issledovaniia
ekspeditsii SIBIZMIR raspredeleniia
kosmicheskikh luchei v vostochnoi chasti
SSSR/. 23 p4060 A67-41138
- DAVYDOV, B. I.
Ensuring radiation safety during flights of
the spaceships "Voskhod" and "Voskhod 2"
/Obespecheniye radiatsionnoi bezopasnosti pri
poletakh korabeli "Voskhod" i
"Voskhod-2"/. 02 p0308 A67-12321
- Simulation of the biological effect of a
depth dose of monoenergetic proton
flux. 07 p1133 A67-19114
- The use of radioprotective drugs in space-
flight conditions. 12 p1902 A67-25654
- Remote responses of the hemopoietic
tissue to proton and X-ray irradiation under
acceleration /Otdalennye reaktsii
krovotvornoi tkani na obluichenie protonami
i Kh-luchami v kombinatsii s
gravitatsionnymi
nagruzkami/. 13 p2057 A67-26458
- Provision for radiation safety in flights of
"Voskhod" and "Voskhod-2"
ships. 14 p2256 A67-27863
- Biological investigations on the "Voskhod"
and "Voskhod-2"
space-ships. 14 p2254 A67-27864
- State of reactivity of an organism under
the complex effect of several space flight
factors /Sostoiianie reaktivnosti organizma
pri kompleksnom vozdelstviu nekotorykh
faktorov kosmicheskogo
poleta/. 16 p2611 A67-30765
- Further investigations of the complex
effect of ionizing radiation and accelerations
on an organism in association with space
flights /Dal'neishie issledovaniia
kompleksnogo vozdelstviia na organizm
ioniziruiushchego izlucheniia i uskoreniia v
svyazi s kosmicheskimi
poletami/. 24 p4113 A67-42393
- DAVYDOV, I. U. M.
Combined action of a signal and noise on
differential frequency discriminators. I
/Sovmestnoe vozdelstvie signala i shumov na
differentsial'nye chastotnye diskriminatory.
I/. 11 p1750 A67-23913
- Combined effect of signal and noise on
differential frequency discriminators.
I. 21 p3585 A67-38941
- DAVYDOV, P. S.
Effectiveness of buildup of sequences of
quasi-coherent radio pulses by comb filters
/Effektivnost' nakopleniia kvazikogherentnykh
posledovatel'nostei radioimpul'sov
grebenchatymi fil'trami/. 07 p1140 A67-19231
- DAVYDOV, S. I.
Determination of the envelope of the
correlation function of a high-frequency
wide-band signal /Opredeleniye ogibaiushchei
korrelatsionnoi funktsii vysokochastotnogo
shirokopolosnogo signala/. 05 p0784 A67-16902
- Determination of the envelope of the
correlation function of a wide-band high-
frequency signal. 16 p2622 A67-30878
- DAVYDOV, V. S.
Some properties of the pyrolytic carbides
and nitrides of group IV metals /Nekotorye
svoistva piroliticheskikh karbidov i nitridov
metallov IV gruppy/. 11 p1804 A67-23903
- DAYDOVA, T. A.
Cyclotron instability of a plasma in
magnetic mirror
machines. 22 p3852 A67-39988
- DAYZHANOV, KH.
High-temperature inversion of the Hall
coefficient in tellurium /O
vysokotemperaturnoi inversii koeffitsienta
Kholla v tellure/. 03 p0492 A67-13344
- Inversion of the Hall coefficient of
tellurium alloyed with thallium /Ob inversii
koeffitsienta Kholla tellura, legirovannogo
- taillem/. 03 p0500 A67-14232
- High-temperature inversion of the Hall
coefficient in tellurium. 13 p2184 A67-27718
- DAW, A. N.
Cut-off frequency of a diffusion
transistor. 03 p0382 A67-13685
- Cut-off frequency of a drift
transistor. 11 p1759 A67-24143
- On the h-parameters of a transistor having
nonuniform base width. 16 p2635 A67-30795
- DAWBARN, R.
Sorption of helium by 4.2 deg K
cryodeposits. 24 p4115 A67-42047
- DAWES, C. J.
A new approach to parallel-gap
joining. 21 p3635 A67-38624
- DAWSON, B.
Vibration characteristics of cantilever
blading. 12 p2014 A67-25414
- DAWSON, E.
Langmuir probe and microwave technique
for ionized flows. 11 p1790 A67-24451
- DAWSON, J.
Comments on "kinetic structure of a
plasma." 02 p0279 A67-12800
- DAWSON, J. F.
Electron interference effects induced by
laser light. 20 p3460 A67-36999
- DAWSON, J. M.
Anomalous skin depth in a gaseous
plasma. 03 p0477 A67-13534
- Contribution of electron-electron collisions
to the emission of bremsstrahlung by a
plasma. 03 p0484 A67-14043
- One-dimensional model of a Lorentz
plasma. 18 p3092 A67-34748
- DAWSON, J. P.
Lunar Receiving
Laboratory. 07 p1164 A67-20021
- Thermal radiative properties of carbon
dioxide cryodeposits. 09 p1533 A67-22121
- An intensity and uniformity monitor for
solar simulators. 19 p3207 A67-34835
- Hemispherical reflectance of metal
surfaces as a function of wavelength and
surface roughness. 22 p3920 A67-40420
- DAWSON, K. M.
Mariner Mars 1964 power-system design
and flight performance. 23 p3939 A67-41509
- DAWSON, L. H.
A high resolution 12 inch radar/synthetic
display for use in air traffic control
centres. 09 p1465 A67-22640
- DAY, B. P.
Review of satellite combined attitude and
orbit control systems. 05 p0905 A67-16729
- DAY, C. N.
An approach to the problem of the linear
system with a random
coefficient. 16 p2652 A67-31691
- DAY, G. F.
The achievement of high efficiency in
Gunn effect devices. 10 p1616 A67-23535
- DAY, H. M.
Multiple contact Schottky barrier
microwave diode. 05 p0780 A67-17526
- Fabrication and characteristics of high
power microwave varistor
diodes. 16 p2642 A67-31723
- DAY, J. T.
Note on the numerical solution of integro-
differential equations. 08 p1349 A67-21261
- DAY, K. S.
Estimating electrohydraulic servo
parameters. 17 p2830 A67-32932
- DAY, L. E.
A review of the Gemini manned space
flight program. 02 p0327 A67-12363
- DAY, P.
Large volume degausser with gradient
compensation. 15 p2517 A67-29491
- DAY, W. A.
Some best-possible error bounds in
deformation theory. 01 p0165 A67-11308
- DAY, W. B.
S band digital phase shifter designed for
half-wave-length stacking in phased array
antenna. 22 p3773 A67-39909
- DAYBELGE, U.
Electron-transport coefficients for two-
temperature plasmas. 12 p1973 A67-25397
- DAYEM, A. H.
Quantum generation and detection of
incoherent phonons in
superconductors. 06 p1011 A67-18211
- Behavior of thin-film superconducting
bridges in a microwave
field. 12 p1985 A67-25848
- DAYHOFF, M. O.
Organic molecules and the coloration of
Jupiter. 07 p1246 A67-19057

- Venus - Atmospheric evolution. 07 p1256 A67-20022
Thermodynamic equilibria in planetary atmospheres. 09 p1566 A67-22236
- DAYWITT, W. C.
Noise standards, measurements, and receiver noise definitions. 17 p2814 A67-32804
- DE AMORIM ARAUJO, L. I.
Space law /Droit spatial/. 12 p2043 A67-26150
- DE ANGELIS, A.
Series interferometer for the diagnosis of a large diameter theta-pinch. 21 p3630 A67-38768
- DE BADEREAU, A.
Forging and die stamping of titanium alloys /Le forgeage et le matricage des allages de titane/. 14 p2324 A67-28630
- DE BALBINE, G.
The calculation of Fourier Integrals. 02 p0258 A67-11557
- DE BARBIERI, O.
On the oscillations of an inhomogeneous plasma. 11 p1838 A67-24404
On the dynamics of weakly ionized gases. 13 p2167 A67-27003
Electromagnetic-wave propagation in a weakly ionized plasma. II. 14 p2355 A67-27954
Electromagnetic-wave propagation in a weakly ionized plasma. III. 14 p2355 A67-27955
- DE BATS, F. TH.
Equilibrium and stability of a toroidal screw pinch. 11 p1827 A67-23888
- DE BAYSER, P.
SA 330 - French assault helicopter with growth potential. 04 p0550 A67-14468
- DE BEER, J. F.
A theoretical analysis of extensive air showers. I. 03 p0506 A67-13517
- DE BITETTO, D. J.
White-light viewing of surface holograms by simple dispersion compensation. 09 p1492 A67-21567
- DE BOER, P. C. T.
Note on Langmuir probe method for a plasma having small amplitude oscillations. 01 p0123 A67-10461
Ion density profiles behind shock waves in air. [AIAA PAPER 67-94] 06 p1037 A67-18502
- DE BROCK, S. C.
Surface tension devices for management of space propulsion system propellants. 17 p2801 A67-31985
- DE BROGLIE, L.
Discussions relating to the formula Q equals Q sub 0 multiplied by the root of 1-b super 2 and the definition of pressure in relativistic thermodynamics /Sur les discussions relatives a la formule Q equals Q sub 0 multipliee by 1-beta super 2 et la definition de la pression en thermodynamique relativiste/. 24 p4257 A67-43107
- DE BRUYN OUBOTER, R.
On the existence of a corrugated surface representing the relationship between current, voltage and magnetic field for weakly-connected superconductors. 17 p2926 A67-33406
The relationship between current, voltage and magnetic field for a superconducting double-point-contact diode placed in the center of a coaxial cavity. 20 p3511 A67-37241
Dissipative and non-dissipative flow phenomena in superfluid helium. 22 p3839 A67-40550
- DE COATPONT, Y.
Travelling-wave 8mm maser. 07 p1196 A67-19605
Study of a traveling wave maser at 8 mm wavelength /Etude d'un maser a onde progressive de 8 mm de longueur d'onde/. 12 p1951 A67-25295
Preamplicifier operating at a wavelength of 8 mm with a very low noise temperature /Un preamplificateur a 8 mm de longueur d'onde a tres faible temperature de bruit/. 21 p3641 A67-38640
- DE CORLIEU, J.
Maintainability diagnosis techniques. 01 p0041 A67-11342
- DE DOES, D. H.
Time-optimal position and velocity control of a spinning vehicle. [AAS PAPER 66-115] 07 p1259 A67-19974
- DE FLORIO, F.
Investigation of two-phase flow by means of high-speed photography /Studio di flussi a due fasi a mezzo di cinematografia
- veloce/. 20 p3423 A67-37161
- DE FRANCESCO, S.
Slope and frequency bandwidth /Pendenza e banda frequenziale/. 04 p0591 A67-14516
Lag in the output functions of servomechanisms and error estimate /Ritardo nelle funzioni di uscita del servomeccanismo e stima dell'errore/. 08 p1286 A67-20780
- DE FRESCHVILLE, F.
Satellite boosters - Evolution of the control electronics /Des lanceurs aux satellites - Evolution de l'electronique de pilotage/. 21 p3656 A67-38231
- DE FRIES, P. J.
On the management of space projects. 16 p2783 A67-31630
- DE FRITZ, N. A. S.
The cosmic-ray nucleonic component in the Antarctic zone. 10 p1899 A67-22862
Measurements of the nucleonic component in the lower atmosphere. 17 p2842 A67-32364
- DE GENNES, P. G.
Superconductivity of metals and alloys. 10 p1890 A67-23160
Ultrasound and phonons in superconductors /Ultrasons et phonons dans les supraconducteurs/. 14 p2375 A67-28988
- DE GOTTAL, PH.
Kinetic equations for a non uniform relativistic electron gas. 11 p1782 A67-24781
Hydrodynamic equations for a non ideal relativistic electron gas. 15 p2527 A67-29517
- DE GRAAFF, H. C.
The thin-film transistor. 03 p0387 A67-14001
High-frequency measurements of thin-film transistors. 05 p0776 A67-17091
Temperature influence on the channel conductance of M.O.S. transistors. 14 p2289 A67-28924
- DE GREGORIO, P.
Limb darkening observed during the annular solar eclipse of May 20, 1966 /L'oscuramento al bordo osservato durante l'eclisse anulare di sole del 20 maggio 1966/. 20 p3529 A67-37502
Center-to-limb variations of the Fraunhofer lines in the spectral interval from 4000 to 5000 angstrom units observed during the solar eclipse of May 20, 1966 /Variazioni centro-limbo delle righe di Fraunhofer nell'intervallo spettrale 4000 - 5000 angstrom units osservate durante l'eclisse solare del 20 maggio 1966/. 20 p3453 A67-37682
- DE HAAN, J. R.
A simple multilayer insulation calorimeter. 22 p3803 A67-40297
- DE HART, R. L.
Disease vector transport by aircraft - An international health problem. 15 p2429 A67-29284
- DE JAGER, C.
Solar disturbances associated with PCA events. 10 p1700 A67-23186
A systematic method for the analysis of high-resolution Fraunhofer line profiles. 10 p1711 A67-23797
Observation of solar line profiles. I. 13 p2198 A67-26706
The structure of a sunspot. 13 p2205 A67-27438
Deviations from LTE in the C-atom and the abundance of C in the solar photosphere. 24 p4237 A67-42655
- DE JONG, A. P.
Hard facts about soft feathers. 07 p1129 A67-19909
- DE JONG, M. L.
Lunar occultations of two radio sources. 14 p2389 A67-28841
- DE JOUVENEL, F.
Interaction between matter and radiation - Semirelativistic statistical description - Basic equations /Interaction matiere-rayonnement - Description statistique semi-relativiste - Equations fondamentales/. 12 p1966 A67-25146
- DE KLERK, D.
The irreversible behaviour of superconducting niobium wires. 20 p3511 A67-37240
- DE KLERK, J.
Thin-film piezoelectric transducers used as generators and detectors of microwave phonons, with some attenuation measurements in SiO sub 2. 04 p0621 A67-15116
- DE KLUIVER, H.
An annular ion source with hydrogen emitting anode. 19 p3297 A67-35596
- DE LA BARRIERE, R. P.
Optimal Control Theory. 21 p3602 A67-37829
- DE LA CIERVA, J.
A unique concept in dynamic optics as related to instrumentation. 01 p0075 A67-11132
Electrostatic discharging systems for helicopters - A review of the state of the art. [AHS PAPER 107] 16 p2610 A67-31824
- DE LA CRUZ, V.
Gravitational bounce. 24 p4189 A67-42599
- DE LA MONEDA, F. H.
Computer-aided transistor design, characterization, and optimization. 17 p2823 A67-32198
- DE LAFOND, Y. G.
Action of nuclear particles on the transport properties of single crystals of N-type gallium arsenide and of P-type gallium antimonide /Action des particules nucleaires sur les proprietes de transport de monocristaux d'arseniure de gallium de type N et d'antimoniure de gallium de type P/. 16 p2727 A67-30869
Behavior of silicon solar cells bombarded by 4-Mev electrons /Comportement de cellules solaires au silicium irradiees par des electrons de 4Mev/. 21 p3571 A67-38648
- DE LAITRE, L.
Interfering VLF radio signals observed on GBR-16.0 kc/s transmissions during November and December 1965. 08 p1295 A67-20988
- DE LANG, H.
Magnetic phenomena in gas lasers. 12 p1954 A67-26236
Measurements on the anomalous non-linear preference for circular mode polarization in a 1.523 mu He-Ne laser. 22 p3815 A67-39522
- DE LANGE, F. G.
Numerical calculations on relativistic cosmological models. 24 p4228 A67-42259
- DE LARA-BENZAQUEN, E. C.
Theoretical study of a four-wave interferometric device /Etude theorique d'un montage interferometrique a quatre ondes/. 06 p1009 A67-17636
- DE LAUNET, M.
Analog magnetic recording in ground telemetry stations /Enregistrement magnetique analogique dans les stations sol de telemesure/. 03 p0418 A67-12896
- DE LEEUW, J. H.
A brief introduction to ionospheric aerodynamics. 14 p2242 A67-28200
Diffusive separation of ions and atoms in a shock wave. 15 p2470 A67-29227
- DE LISLE, C.
Equipment in the nose cones of rockets in C.E.R.M.A. biological experiments /L'equipement des pointes de fusées destinees aux experiences biologiques du C.E.R.M.A./. 03 p0386 A67-13928
- DE LISLE, J. M.
A note on the reflection coefficient of a sharply bounded ionosphere for VLF signals at the magnetic equator. 16 p2632 A67-31863
- DE LOTTO, I.
Innovative design with computer graphics. 17 p2820 A67-32783
- DE MARTINI, F.
Theory of the infrared generation by coherently driven molecular vibrations. 04 p0657 A67-15113
Photomultiplier gate for stimulated-spontaneous light scattering discrimination. 17 p2863 A67-33353
Coherent Raman amplification. 22 p3816 A67-40318
- DE MASTRY, J. A.
Corrosion studies of tungsten, molybdenum, and rhenium in lithium. 07 p1208 A67-19466
- DE MENDONCA, F.
Rapid geomagnetic activity at very low latitude conjugate stations. 03 p0408 A67-12843
Measurements of the earth's total magnetic field at heights of 1000 km in the Brazilian anomaly. 12 p1933 A67-25777
Phase measurements of VLF transmissions over an 11,000-km transequatorial path. 12 p1906 A67-25942
- DE MEO, P.
System of signaling via the ELDO satellite. 02 p0192 A67-11651
- DE MICHELIS, C.
Multiple stimulated Brillouin scattering from a liquid within a laser

- cavity. 20 p3457 A67-36385
Nanosecond pulse generation by means of stimulated Brillouin scattering. 23 p4011 A67-40786
- DE MORAES, C.
Progressive Mars capsule mission capability. [AAS PAPER 66-58] 07 p1255 A67-19995
- DE MOTTONI, G.
Study of photographs of Mars taken by Mariner 4 /Considerations sur les photographies de Mars prises par Mariner 4/. 18 p3123 A67-34149
- DE MUNCK, J. C.
Experiment for high-precision photography of artificial satellites /Experience sur la photographie de satellites artificiels avec une haute precision/. 07 p1144 A67-19788
- DE PASQUALE, F.
Laser damage on semiconductor surfaces. 23 p4045 A67-41470
- DE PRINS, J.
Reception of time signals on kilometer waves. II /Reception de signaux horaires sur ondes kilométriques. II/. 11 p1792 A67-24782
- DE ROCCO, A. G.
Intermolecular forces in globular molecules. II. 07 p1138 A67-20191
- DE ROCHER, W. L., JR.
Titan III capability for ferry-resupply. 08 p1412 A67-21076
- DE S. COUTINHO, J.
A history of selected reliability and maintainability committees and interested Government agencies. [AIAA PAPER 66-856] 02 p0343 A67-12259
Contractual reliability acceptance procedures. 10 p1660 A67-23430
- DE SIEVERS, A.
Aerodynamic study of helicopter blade sections /Etude aérodynamique d'un élément de pale d'hélicoptère/. 23 p3927 A67-40576
- DE SIMONE, J.
Achievements and experiments in the field of open-cycle MHD converters /Realisations et expérimentations dans le domaine des convertisseurs MHD a cycle ouvert/. 18 p2989 A67-34121
- DE SIMONE, J. C.
The "Carrousel" magnetoaerodynamic generator /Générateur magnetoaérodynamique "Carrousel"/. 16 p2608 A67-30599
A stand for testing magnetoaerodynamic conversion in a supersonic subatmospheric flow /Banc d'essais de conversion magnetoaérodynamique en régime subatmosphérique supersonique/. 18 p3020 A67-34122
- DE SIMONE, J.-C.
Supply of high electric power for short periods by magnetoaerodynamic generators /Fourniture de puissances électriques élevées pendant des temps courts par des générateurs magnetoaérodynamiques/. 06 p0949 A67-17567
- DE SOCIO, L.
Investigation of two-phase flow by means of high-speed photography /Studio di flussi a due fasi a mezzo di cinematografia veloce/. 20 p3423 A67-37161
- DE SOETE, G.
Oxidation and combustion. V - Oxidation and spontaneous ignition in the gas phase /Oxydations et combustions. V - Oxydations et auto-inflammations en phase gazeuse/. 02 p0341 A67-11502
- DE TADDEO, D.
Design considerations for vacuum systems with built-in getter ion and sublimation pumps. 09 p1503 A67-22113
- DE VAHL DAVIS, G.
Thermal boundary layers in laminar and turbulent flow. 10 p1627 A67-23560
- DE VAUBLANC, B.
Experimental device for accurate measurements of the differential Doppler-Flizeau effect in artificial satellites /Dispositif expérimental pour la mesure fine de l'effet Doppler-Flizeau différentiel des satellites artificiels/. 01 p0057 A67-10233
- DE VEUBEKE, B. F.
Optimal steering and cutoff-relight programs for orbital transfers. 05 p0905 A67-16519
- DE VRIES, A. E.
The potential model for helium-hydrogen interaction in thermal diffusion. 13 p2161 A67-27729
- DE VRIES, G.
The "general method" - Principle and application to vibration problems /Das globale Verfahren - Prinzip und Anwendung auf Schwingungsprobleme/. [ONERA-TP-405] 05 p0919 A67-16478
- DE VRIES, J. P.
Motion of a particle in the vicinity of a triangular libration point in the earth-moon system. 06 p1079 A67-17763
- DE VRIES, L. L.
Analysis of density data reduced from low-altitude, high resolution satellite tracking data. 10 p1640 A67-23216
- DE WAARD, R.
Miniature optically immersed thermistor bolometer arrays. 19 p3231 A67-35684
- DE WAELE, A. TH. A. M.
On the existence of a corrugated surface representing the relationship between current, voltage and magnetic field for weakly-connected superconductors. 17 p2926 A67-33406
The relationship between current, voltage and magnetic field for a superconducting double-point-contact diode placed in the center of a coaxial cavity. 20 p3511 A67-37241
- DE WINTER, T. A.
A large experimental superconducting magnet for MHD power generation. 22 p3749 A67-40399
- DE WIT, H. J.
N-type Hall effect in MnO. 22 p3858 A67-39521
- DE WITT, J. S.
Energy band structure of CdS using self-consistent OPW and pseudopotential methods. 06 p1058 A67-18903
- DE WITTE, L.
On derivations and properties of Stokes' gravity formula. 05 p0796 A67-16153
- DE YOUNG, D. S.
Stellar collisions. 20 p3525 A67-36943
- DE ZUCCOLI, S.
Empirical and theoretical determination of the influence of a bluntness index on nose-cone heating in supersonic flight /Determinazione empirico-teorica dell'influenza di un parametro di arrotondamento agli effetti del riscaldamento di una ogiva in volo supersonico/. 20 p3359 A67-37165
- DE, M.
Three-beam holographic interferometry. 23 p4001 A67-41259
- DEACON, E. L.
A radiosonde radiometer. 06 p1005 A67-18742
- DEACON, H. J., JR.
Equilibrium radiative heating of shocked CO sub 2. 15 p2582 A67-30216
Application of the method of integral relations to the nonequilibrium hypersonic planetary entry problem. 22 p3740 A67-39936
- DEAK, A. L.
Application of the smooth-surface interpolation to the finite-element analysis. 05 p0925 A67-17372
- DEAL, B. E.
Properties of the silicon dioxide-silicon system. 03 p0500 A67-14181
- DEAM, A. P.
Amplitude distributions of refractive index differences. 21 p3617 A67-38187
- DEAN, D. S.
The use of microwaves for the detection of flaws and measurement of erosion rates in materials. 22 p3795 A67-39198
- DEAN, G. A.
A study of a non-deepening tropical disturbance. 13 p2152 A67-27605
- DEAN, L. E.
Effects of chamber energy release efficiency upon nozzle performance. 13 p2188 A67-26847
Mixture ratio distribution - Its impact on rocket thrust chamber performance. 15 p2545 A67-29431
- DEAN, P. J.
Auger recombination of excitons bound to neutral donors in gallium phosphide and silicon. 04 p0682 A67-15463
Two-electron transitions in the luminescence of excitons bound to neutral donors in gallium phosphide. 06 p1051 A67-18210
New radiative recombination processes involving neutral donors and acceptors in silicon and germanium. 22 p3862 A67-39998
- DEAN, R.
Human stress in space. 03 p0366 A67-14389
- DEAN, R. D.
The use of environmental stress in conjunction with simulation testing. 18 p3020 A67-34112
- DEAN, W. A.
Effects of alloying elements and impurities on properties. 14 p2335 A67-27805
- DEAN, W. N.
Navigation and guidance. 22 p3834 A67-40335
- DEANDRADE, A. B.
Automated logic design techniques applicable to integrated circuitry technology. 19 p3189 A67-36062
- DEANE, F. R.
Effect of drugs in altering susceptibility to motion sickness in aerobatics and the slow rotation room. 21 p3574 A67-38083
- DEANE, I. J.
The lunar module propulsion systems testing at WSTF. [AIAA PAPER 67-258] 07 p1166 A67-20073
- DEANIN, R. D.
Fiberglass-reinforced thermoplastics. 17 p2875 A67-31931
- DEANS, S. R.
Nonleptonic sigma decays. 19 p3263 A67-34892
- DEARBORN, E. F.
Mechanisms of energy transfer involving trivalent Tb and Eu. 01 p0134 A67-10874
Dielectric and electro-optic properties of lead magnesium niobate. 11 p1803 A67-24834
- DEARDORFF, J. W.
The free-convection temperature profile. 13 p2151 A67-26737
Investigation of turbulent thermal convection between horizontal plates. 17 p2968 A67-32281
- DEARMAN, C. C., JR.
A survey of methods for generating Liapunov functions. 15 p2511 A67-30048
- DEARMOND, F. B.
Minuteman II aerospace ground equipment including self-test features and status display techniques. 20 p3417 A67-36973
- DEASLEY, P. J.
A review of semiconductor heterojunctions. 06 p1053 A67-18756
- DEATON, A. W.
Adaptive guidance for Saturn vehicles. 02 p0264 A67-12318
- DEATON, T. K.
Infrared and visible images of the eclipsed moon of December 19, 1964. 04 p0697 A67-14741
- DEAVER, B. S., JR.
Some techniques for sensitive magnetic measurements using superconducting circuits and magnetic shields. 10 p1657 A67-23780
- DEB, S.
Travelling wave infra-red and sub-mm wave modulation using free carrier absorption in reverse-biased p-n junction diodes. 11 p1759 A67-24137
- DEB, S. K.
Temperature dependence of thermal diffusion factors in ternary gas mixtures. 16 p2661 A67-31223
- DEBARBAT, S.
Discussion of observations of Mars made in 1963 by the A. Danjon astrolabe /Discussion des observations de Mars effectuées en 1963 a l'astrolabe A. Danjon/. 07 p1250 A67-19723
- DEBARBER, J. P.
The diffraction of H.F. radio waves by ionospheric irregularities. [AGARDGRAPH 95] 15 p2482 A67-30291
- DEBART, M.
Coded transmission with a reduced band /Transmission codée a bande réduite/. 21 p3585 A67-38763
- DEBELLE, J.
Problems of parametric identification of processes - Identification of a process by a second-order mathematical model /Problèmes d'identification paramétrique de processus Identification d'un processus par un modèle mathématique du second ordre/. 19 p3206 A67-35915
- DEBERDEEV, M. IU.
Measurement of tissue doses of cosmic radiation with the aid of nuclear emulsions /Izmerenie tkaneynykh doz kosmicheskogo izlucheniya ladernymi emul'siymi/. 20 p3368 A67-36260
- DEBEVER, J.-M.
Laser action in CdS by electron bombardment /Effet laser dans le CdS par bombardement électronique/. 03 p0433 A67-12812

- DEBEVER, R.
A complex vectorial formalism in general relativity. 09 p1525 A67-22625
Einstein vacuum spaces with geodesic rays /Sur les espaces d'Einstein du vide a rayons geodesiques/. 18 p3078 A67-33690
- DEBESSE, J.
Flame ionization and magneto-hydrodynamics. 05 p0853 A67-16886
- DEBIEZ, S.
Experimental contribution to the study of the weldability of thin sheets of maraging steel containing 18 percent Ni /Contribution experimentale a l'etude de la soudabilite des toles minces en acier a 18 percent Ni a durcissement structural /maraging/. 18 p3054 A67-34259
- DEBOICE, W. F.
Electromechanical control systems. 05 p0776 A67-17038
- DEBONO, A. N.
Boundary layer control on helicopter rotor blades. 22 p3742 A67-40133
- DEBOO, G. J.
Application of a gyrator-type circuit to realize ungrounded inductors. 15 p2456 A67-29240
- DEBOOY, H. T.
Experiments on the Saturn S-IB stage to determine the LOX density. 13 p2186 A67-27637
- DEBRA, D. B.
Principles and developments in passive attitude control. 08 p1410 A67-20622
A method for obtaining the radius of Mars. 09 p1569 A67-22682
[JPL-TR-32-1091]
Orbital gyrocompassing heading reference. [AIAA PAPER 67-587] 19 p3258 A67-35983
- DEBROCK, S. C.
Simulation of fluid flow phenomena in propellant tanks at high and low accelerations. 04 p0598 A67-15243
- DEBUS, K. H.
Future spaceport facilities, technology and economics. 15 p2467 A67-29943
- DEBUYSSCHER, W.
Integration of a second-order linear differential equation with boundary conditions by the graphic method of Drymael /Integration de l'equation differentielle lineaire du 2e ordre, avec conditions aux limites, par la methode graphique de Drymael/. 02 p0257 A67-11478
- DECAILLIOT, M.
Observation of the Endor double resonance in a cane-sugar carbon /Observation de la double resonance Endor dans un charbon de saccharose/. 20 p3508 A67-36398
- DECAIRE, J. A.
Charge generation by corona discharge in electrofluiddynamic energy conversion processes. 24 p4107 A67-42528
Investigation on power generation using electrofluiddynamic processes. 24 p4107 A67-42529
- DECARLO, V. J.
Vacuum-ultraviolet photochemistry. VII. 07 p1138 A67-20190
- DECELL, H. P., JR.
L super 1-spaces in measure algebras over compact semigroups. 07 p1214 A67-19211
On the fixed point probability vector of regular or ergodic transition matrices. 23 p4023 A67-41032
- DECHER, R.
A large non-equilibrium MHD generator. 16 p2602 A67-30556
- DECK, M.
Ballistic chambers - Stellar determination of the position of mobile luminous objects /Chambres balistiques - Determination de la position d'objets lumineux mobiles sur fond d'etoiles/. 07 p1188 A67-19770
- DECKER, G.
Plasma dynamics with high-frequency theta-pinch discharges /Plasmadynamik bei hochfrequenten Theta-Pinch Entladungen/. 24 p4198 A67-42575
- DECKER, J. A., JR.
"Minimum-B" suppression of oscillations in a Q-device. 05 p0859 A67-17444
Low-frequency instability in cesium discharge and thermal plasmas. 11 p1829 A67-24000
Non-correlation of anomalous transport and oscillations in a Q-device. 11 p1835 A67-24388
- DECKER, J. F.
Collisionless absorption of electrostatic

- plasma-waves. 11 p1838 A67-24402
- DECKER, O.
Lubrication review - A digest of the literature for 1965. [ASME PAPER 66-WA/LUB-8] 04 p0629 A67-15349
Advances in dynamic seal technology. [ASME PAPER 67-DE-50] 14 p2328 A67-28881
- DECKER, R. F.
New developments and projected trends in maraging steels. 22 p3819 A67-39388
- DECKER, R. S.
Bailing out of a helicopter. 14 p2256 A67-27745
- DECKER, W. R.
Meissner effect for superconductors with magnetic impurities. 14 p2373 A67-28859
- DECKERT, W. H.
Summary and analysis of related feasibility-study designs of V-STOL transport aircraft. [AIAA PAPER 67-938] 24 p4096 A67-43028
- DECKETT, M.
Semi-adaptive numerical filters for use in best estimate of trajectory computations. 08 p1298 A67-20663
- DECOMPS, B.
Measurement of Lande factors of neon by studying the saturations caused by a multimode laser beam /Mesure de facteurs de Lande du neon par l'etude des saturations provoques par un faisceau laser multimode/. 22 p3815 A67-39651
- DECROLY, J. C.
The radial guidance - A new guidance scheme for space vehicles. 22 p3830 A67-39164
- DEDENKO, L. G.
Nuclear cascade process in an ionization calorimeter /Iadernokaskadnyy protsess v ionizatsionnom kalorimetre/. 02 p0248 A67-12747
Role of isobaric pions in the development of extensive air showers /Rol'izobarnykh pionov v razvitiy shirokikh atmosferykh livnel/. 02 p0319 A67-12786
Nuclear cascade processes in an ionization calorimeter. 22 p3801 A67-40249
The role of isobaric pions in the development of extensive air showers. 22 p3878 A67-40288
- DEDOLPH, R. R.
The influence of simulated low-gravity environments on growth, development and metabolism of plants. 15 p2426 A67-29114
- DEDRICK, K. G.
Impact expansions in classical and semiclassical scattering. 01 p0112 A67-10143
- DEECH, J. S.
Six db/cm single-pass gain at 7229 angstrom units in lead vapor. 20 p3460 A67-36858
- DEEKSHATULU, B. L.
Mean square error versus parameter curves for model reference adaptive systems with sinusoidal input. 04 p0591 A67-14421
Design of non-linear multivariable control systems. 06 p0978 A67-18720
Describing function for two non-linearities separated by a high-pass filter. 11 p1780 A67-24275
Stability analysis of non-linear multivariable systems. 23 p3984 A67-41160
Performance evaluation of optimal linear systems. 23 p3985 A67-41161
Dead-beat response in multi-variable systems. 24 p4134 A67-42027
- DEEP, G. S.
A silicon diode analogue multiplier. 24 p4131 A67-42478
- DEERENBERG, A. J. M.
Balloon observation of the X-ray sources in the Cygnus region in the energy range 20-130 keV. 08 p1377 A67-21252
- DEERWESTER, J. M.
Systematic comparison of Venus swingby mode with standard mode of Mars round trips. [AIAA PAPER 67-27] 06 p1085 A67-18332
Sensitivity of manned planetary spacecraft design to radiation uncertainties. 07 p1258 A67-19376
Systematic comparison of Venus swingby mode with standard mode of Mars round trips. [AIAA PAPER 67-27] 17 p2940 A67-32059
- DEES, J. W.
System considerations for millimeter wave satellite communications. 08 p1292 A67-20671
- DEFRAIN, A.
Superconductivity of three metastable

- forms of gallium /Supraconductibilite de trois formes metastables du gallium/. 17 p2915 A67-32707
- DEFRAINC, J. J.
Communications electronics circuits. 03 p0388 A67-14272
- DEFRISE, L.
A complex vectorial formalism in general relativity. 09 p1525 A67-22625
- DEFRISE, P.
Zonal harmonic analysis of stratospheric temperatures /Analyse harmonique zonale des temperatures stratospheriques/. 06 p0996 A67-18447
The general circulation of the atmosphere. 10 p1633 A67-22866
- DEGAN, J. J.
Masers for satellite communication. 14 p2329 A67-27777
- DEGAONKAR, S. S.
Attenuation of galactic radio noise at 25 MHz and 21.3 MHz in the ionosphere over Ahmedabad during 1957-1964. 11 p1784 A67-23934
- DEGEN, V.
Electronic enhancement of faint photographic spectra. 19 p3232 A67-35696
- DEGENS, E. T.
Stable isotope distribution in carbonates. 14 p2310 A67-27970
- DEGGES, T.
Dipole properties of molecular nitrogen. 24 p4190 A67-42096
- DEGIORGIO, V.
Coupling effects in a passive Q-switched ruby laser. 01 p0090 A67-10813
Energy losses in a passive Q-switched ruby laser. 11 p1800 A67-24241
- DEGROOT, L. E.
Three dimension celestial navigation. 09 p1528 A67-22388
The integration of multiple sensor systems. 19 p3254 A67-35313
- DEGTIAREV, L. M.
Nonlinear effect of the formation of a self-sustaining high-temperature electrically conducting gas layer in unsteady MHD processes /Nelineinyy efekt obrazovaniya samopodderzhivayushchegosia vysokotemperaturnogo elektroprovodnogo sloia gaza v nestatsionarnykh protsessakh magnitnoi gidrodinamiki/. 14 p2355 A67-27839
- DEGTIAREV, V. G.
Investigation of the stability of circular satellite orbits in the earth's normal gravitational field with allowance for the dipole magnetic field /Issledovanie ustoychivosti krugovykh orbit sputnikov v normal'nom gravitatsionnom pole zemli s uchetom dipol'nogo magnitnogo polia/. 22 p3880 A67-39404
- DEGUEURCE, M.-O.
Energy propagation in a laser beam - Trajectory study /Propagation de l'energie dans un faisceau laser - Etude des trajectoires/. 10 p1663 A67-22847
- DEHAAS, E.
Atmospheric sciences laboratory proposed under Apollo applications program. [AIAA PAPER 67-186] 06 p1088 A67-18488
- DEHAAS, T.
Satellite communications - A renewed challenge in resource utilization. [AAS PAPER 67-78] 15 p2437 A67-29945
- DEHART, R. L.
The work-rest cycle in aircrewmenn fatigue. 23 p3959 A67-41663
- DEHM, G. E.
Automatic, real time data acquisition and processing for ATS communications experiments. 08 p1298 A67-20669
- DEHNEN, H.
Possibility of localizing the energy and momentum of the gravitational field /Zur Frage der Lokalisierbarkeit von Energie und Impuls des Gravitationsfeldes/. 09 p1531 A67-21559
Verification of general relativistic rotational effects by means of an annular laser /Zur Pruefung allgemeiner relativistischer Rotationseffekte mittels eines Ringlasers/. 17 p2883 A67-32361
- DEHORITY, G. L.
Acoustic attenuation experiments on subscale, cold-flow rocket motors. 06 p1075 A67-18853
Acoustic attenuation in resonant model-rocket motors. 15 p2546 A67-29992
Velocity coupled axial mode combustion instability in solid propellant rocket motors. 15 p2547 A67-29997

- DEI CAS, R.**
Dissociation of H sub 2 super plus ions by the Lorentz force /Dissociation par la force de Lorentz d'ions H sub 2 super plus/. 04 p0671 A67-15645
- DEIGEN, M. F.**
Study of the concentration dependence of the EPR of Mn super 2 super plus in CdTe single crystals. 23 p4042 A67-41294
- DEIGHTON, P. D.**
Optimisation of realisable receiver in pulse-amplitude modulation. 11 p1752 A67-24134
- DEINZER, W.**
A magneto-hydrostatic sunspot model. 13 p2204 A67-27436
Neutrino astronomy. 24 p4227 A67-42197
- DEIRMENDJIAN, D.**
Manned satellite observations and planetary research. 01 p0155 A67-11395
- DEISSLER, R. G.**
Analysis of developing laminar flow and heat transfer in a tube for a gas with variable properties. 04 p0729 A67-15809
- DEIST, F. H.**
Solution of systems of non-linear equations by parameter variation. 14 p2342 A67-27975
- DEJARNETTE, F. R.**
A simplified method for calculating heat transfer over bodies at an angle of attack. 22 p3740 A67-39937
- DEJONGH, J. C.**
Homeostatic regulation of the circulation during prolonged gravitational stress /plus G sub z/. 15 p2428 A67-29273
- DEKER, H.**
Satellites and geodesy - Beginning and purposes /Satelliten-Geodasie, Anfang und Ziele/. 05 p0800 A67-17049
- DEKEYSER, R.**
The partition function of a partially ionized hydrogen plasma. 19 p3285 A67-35346
General treatment of the short distance divergence in classical two-component plasmas. 24 p4195 A67-42107
- DEKSNIS, A. P.**
Special features of thin layers of the In-Te system in the range from 60 to 50 percent Te /Osobennosti tonkikh sloev sistemy In-Te v oblasti ot 60 do 50 percent Te/. 08 p1369 A67-20994
Features of the physical properties of thin layers of the system CdTe-metal /In, Cu, Au/ /Osobennosti fizicheskikh svoystv tonkikh sloev sistemy CdTe-metall /In, Cu, Au/. 20 p3513 A67-37448
- DEL GROSSO, A.**
Braze graphite-metal composites for space radiators. 07 p1223 A67-19462
- DEL PUGLIA, A.**
Preliminary results of wind-tunnel tests on a V-STOL aircraft model /Risultati preliminari di prove alla galleria aerodinamica su di un modello di velivolo STOL/. 22 p3745 A67-39728
- DELAAT, F. G. A.**
Status of lubricants for manned spacecraft. [ASLE PAPER 66AM-7A2] 13 p2123 A67-27100
- DELAHAYE, R.**
Dangers to the SST presented by heavy ions of primary cosmic radiation /Dangers presentes par les ions lourds du rayonnement cosmique primaire pour les T.S.S./. 23 p3945 A67-41074
- DELAHAYE, R. P.**
Regarding an isthmus lysis of rare localization observed in a fighter pilot /A propos d'une lyse isthmique de localisation rare observee chez un pilote de chasse/. 04 p0561 A67-14632
- DELANDE, C.**
Experimental evidence of a change of sign of the transverse flow in a three-dimensional boundary layer /Mise en evidence experimentale d'un changement de signe de l'ecoulement transversal dans une couche limite tridimensionnelle/. 18 p2663 A67-31711
- DELANEY, C. L.**
A Rankine cycle boiler and condenser-radiator orbital experiment. 24 p4102 A67-42491
- DELANEY, L. J.**
Effect of liquid surface tension on maximum particle size in two-phase nozzle flow. 22 p3787 A67-40225
- DELANEY, R. M.**
Charged double pion production in pi super plus P scattering at 910 Mev/c. 19 p3266 A67-36100
- DELANNOY, J.**
Parametric amplifiers of high gain stability for radio astronomy /Amplificateurs parametriques a grande stabilite de gain pour la radioastronomie/. 12 p1912 A67-25298
- DELANY, A. C.**
A search for airborne cosmic dust on Barbados. 20 p3432 A67-37174
- DELAUER, R. D.**
Lessons of the 1960's in spacecraft development. [AIAA PAPER 67-639] 20 p3557 A67-37622
- DELBOUILLE, L.**
A new determination of the C super 12/C super 13 isotopic abundance ratio in the solar photosphere. 09 p1566 A67-22231
The solar spectrum in the 5577 and 6300 angstrom units regions. [AFCRL-67-0478] 16 p2749 A67-31417
- DELCAIRO, L.**
Problems connected with indirect measurements of some differential parameters of transistor switching /Problemi relativi alle misure indirette di alcuni parametri differenziali di trasferimento dei transistori/. 20 p3396 A67-36379
- DELCHAR, T.**
Chemisorption of oxygen and hydrogen on nickel films - Reconstitution of the adsorbate-adsorbent interface. 19 p3246 A67-35787
- DELCOURT, J.**
Preliminary results of radio observations of sporadic meteors /Resultats preliminaires d'observations radioelectriques des meteoros sporadiques/. 14 p2390 A67-28900
- DELCROIX, J. L.**
Physics of Plasmas. Volume 2 - Weakly ionized gas /Physique des Plasmas. Volume 2 - Gaz Faiblement Ionises/. 13 p2168 A67-27221
- DELEEUW, J. H.**
The ion collection of free molecular cylindrical Langmuir probes in flowing plasmas. 19 p3297 A67-35591
- DELEKTORSKII, B. A.**
Moment of aerodynamic resistance of a gyromotor operating in hydrogen and helium /Moment aerodinamicheskogo soprotivleniya girodvigatelya, rabotayushchego v vodorode i geli/. 01 p0064 A67-10418
- DELEPINE, P.**
Frequency stabilization of a low-frequency oscillator by a servo method - Application to the development of a frequency-modulable oscillator having a high dynamic level /Sur la stabilisation en frequence d'un oscilateur BF par une methode d'asservissement - Application a la realisation d'un oscilateur modulable en frequence ayant une dynamique elevee/. 21 p3587 A67-39126
- DELERY, J.**
Fundamental experiments on turbulent reattachment of a supersonic jet /Experiences fondamentales sur le recollement turbulent d'un jet supersonique/. 01 p0053 A67-11002
Experimental analysis of the near-wake of a slender body with no lateral support /Analyse experimentale du proche sillage d'un corps elance libre de tout support lateral/. [ONERA-TP-454] 15 p2416 A67-29379
- DELFINO, J. F.**
An econometric analysis of an educational TV distribution system. [AIAA PAPER 66-321] 06 p1120 A67-17710
- DELGRECO, F. P.**
Upper atmosphere densities and temperatures at 105-165 kilometers from diffusion and spectral intensity of AIO trails. 14 p2310 A67-28050
The chemiluminescent reaction of NO with O in a supersonic low density wind tunnel. 14 p2293 A67-28199
- DELGROSSO, E. J.**
Development of niobium-zirconium-carbon alloys. 09 p1519 A67-22397
- DELIVORIAS, P.**
MOS transistors with anodically formed metal oxides as gate insulators. 15 p2442 A67-29171
- DELL-IMAGINE, R. A.**
A study of multiple scattering of optical radiation with applications to laser communication. 12 p1906 A67-25988
- DELLWIG, L. F.**
The potential of low-resolution radar imagery in regional geologic studies. 06 p0994 A67-17833
- DELMAS, J. H.**
Principle of a method of identification of processes /Principe d'une methode d'identification des processus/. 19 p3205 A67-35914
- DELMAS, R.**
Plasma furnace for the study of refractory products /Four a plasma pour l'etude des produits refractaires/. 19 p3299 A67-35900
- DELMER, T. N.**
Infrared-line emission from planetary nebulae. 24 p4223 A67-41811
- DELMONTE, J.**
Influence of application variables on properties of an epoxy adhesive. 09 p1523 A67-22525
A semiconductor combustion pressure transducer for rocket-motor instability studies. 11 p1792 A67-24820
- DELONE, G. A.**
Multiphoton ionization of atoms. II /Mnogofotonnaia ionizatsiya atomov. II/. 06 p1037 A67-18796
Characteristics of plasmoid motion in longitudinal, transverse, and two-dimensional multipole magnetic fields /Kharakteristiki dvizheniya plazmennogo sgustka v prodol'nom, poperechnom i dvumernykh multipol'nykh magnitnykh polakh/. 17 p2904 A67-32916
Multiphoton ionization of atoms. II. 18 p3083 A67-34415
Multiple-photon ionization of atoms and molecules in a strong electromagnetic wave field. 19 p3265 A67-35164
Transportation of plasma clusters with the aid of two-dimensional multipolar magnetic fields /Transportirovka plazmennyykh sgustkov pri pomoshchi dvumernykh multipol'nykh magnitnykh polei/. 20 p3500 A67-37061
- DELONE, N. B.**
Multiphoton ionization of atoms. II /Mnogofotonnaia ionizatsiya atomov. II/. 06 p1037 A67-18796
Multiphoton ionization of atoms. II. 18 p3083 A67-34415
Multiple-photon ionization of atoms and molecules in a strong electromagnetic wave field. 19 p3265 A67-35164
- DELONE, N. L.**
Effect of the factors of cosmic flight of the satellite ship Voskhod on the Microspora tradescantia Paludosa. 07 p1133 A67-19109
Further study of the effect of space-flight conditions on the chromosomes of primary embryonic radicles in the seeds of certain higher plants /Dal'neishee izucheniye vlianiya usloviy kosmicheskogo poleta na khomossomy pervichnykh koreshkov zarodyshel v semenakh nekotorykh vysshykh rastenii/. 13 p2061 A67-27344
Biological investigations on the "Voskhod" and "Voskhod-2" space-ships. 14 p2254 A67-27864
- DELORENZO, J.**
Response of a linear FM matched filter to gated noise. 01 p0037 A67-10484
- DELOV, I. A.**
Turbulent motion in the upper atmosphere at altitudes from 80 to 110 km, according to radio observations of meteor trains /Turbulentnye dvizheniya v verkhnem atmosfere na vysotakh 80-110 km po dannym radionabludeniil meteornykh sledov/. 05 p0796 A67-16211
Turbulent motions in the upper atmosphere at altitudes from 90 to 110 km and their relation to other phenomena /Turbulentnye dvizheniya v verkhnem atmosfere na vysotakh 90-110 km i ikh svyaz' s drugimi yavleniyami/. 13 p2110 A67-26506
- DELPECH, J.-F.**
Modulation of a helium-neon laser by a medium-power microwave beam /Modulation d'un laser a helium-neon par une onde hyper-frequence de puissance moyenne/. 01 p0088 A67-10260
Electron-density and collision frequency of a helium-neon laser plasma /Densite et frequence de collision des electrons du plasma d'un laser a helium-neon/. 05 p0815 A67-16598
- DELPIT, A.**
Digital control of an aerodynamically unstable vehicle /Pilotage numerique d'un engin aerodynamiquement

Instable/. 20 p3534 A67-37257

DELTOUR, G.

Experimental method for the study of biological effects of heavy ions of primary cosmic radiation on bacteria /Methode experimentale pour l'etude des effets biologiques provoques par les ions lourds du rayonnement cosmique primaire sur des bacteries/. 14 p2254 A67-28213

DELTOUR, R.

Parallel field dependence of vortex pinning in superconducting films. 18 p3101 A67-33990

DELUSI, J. J.

Ozone distribution over Tallahassee, Florida. 11 p1787 A67-24555

DEMAN, P.

Structure of satellite transponders and multiple-access techniques /Structure des repetiteurs de satellites et techniques d'accès multiple/. 18 p3003 A67-34356

Analog treatment in digital telemetering /Le traitement analogique dans les telemesures digitales/. 21 p3584 A67-38660

DEMANDEL, R. E.

Mesoscale wave motions as revealed by improved wind profile measurements. 21 p3655 A67-38576

DEMARCOUS, W. C.

General theory of planets in connection with progress in space

research. 18 p3124 A67-34157

Models of Jupiter and Saturn. 21 p3710 A67-39001

DEMARI, A.

Accurate numerical solution of the one-dimensional p-n junction in steady state. 13 p2078 A67-26781

DEMARIA, A. J.

Continuously-variable ultrasonic-optical delay line. 02 p0253 A67-12517

Control of laser action. 09 p1513 A67-22146

Ultrashort light pulses. 16 p2686 A67-31741

Generation and amplification of a subnanosecond laser pulse. 17 p2869 A67-33063

Laser-induced microwave sound by surface heating. 20 p3457 A67-36386

DEMARS, G. A.

Self-locking of modes in

lasers. 20 p3456 A67-36171

DEMARTINO, P. J.

The effects of the sterilization environment on the design of structural systems for planetary

landers. 10 p1714 A67-23758

DEMCHENKO, P. A.

Structure of plasmoids /Struktura plazmennyykh sgustkov/. 15 p2526 A67-29256

Structure of plasmoids /Struktura plazmennyykh sgustkov/. 19 p3288 A67-35362

DEMCHENKO, P. O.

Investigation of fast ions produced in the interaction between escaping electrons and a plasma /Doslizhennia shvidkikh ioniv, yakii vinikaliut' pri vzaemodii tikauchikh elektroniv z plazmolu/. 13 p2164 A67-26402

DEMENTEV, I. M.

A firing range for aerodynamic studies /Poligon dlia aerodinamicheskikh issledovanii/. 16 p2655 A67-31116

DEMENTEV, V. A.

Heating and scattering of a plasma produced by a giant laser pulse focused on a solid target /Nagrevanie i razlet plazmy, obrazulushcheisia pri vozdeistvii sfokusirovannogo gigant'skogo impul'sa lazera na tverduiu mlshen'/. 03 p0486 A67-14194

Heating and decay of plasma produced by a giant laser pulse focused on a solid target. 14 p2360 A67-28539

DEMENTHON, J.-B.

Station network of the National Center for Space Studies /Le reseau de stations du Centre National d'Etudes

Spatiales/. 19 p3207 A67-35242

DEMENTII, O. I.

Contribution to the theory of low-intensity shock waves /K teorii udarnyykh voln maloi intensivnosti/. 24 p4143 A67-42356

DEMETRIADES, A.

Turbulent fluctuation measurements in compressible, axisymmetric wakes. 12 p1893 A67-25928

DEMETRIADES, S. T.

Ohm's law in multicomponent nonisothermal plasmas with temperature and pressure gradients. 05 p0857 A67-17422

Determination of electron energy loss factors in hot gases. 12 p1973 A67-25398

Determination of energy-loss factors slow

electrons in hot gases. 17 p2890 A67-33367

Influence of nonuniformities, thermal diffusion, boundary layers and finite reaction rates in nonequilibrium J X B devices. 21 p3673 A67-38741

DEMIANCHUK, V. S.

Estimation of the operational readiness of a redundant system during maintenance /Ob

otsenke gotovnosti obsluzhivaemol

dubirovannoi sistemy/. 20 p3451 A67-37158

DEMIANOV, IU. A.

Strength under high transient loads. 04 p0715 A67-15617

Effect of heat conductivity on the development of gas flows /O vliianii teploprovodnosti na formirovanie tekhnii gaza/. 14 p2296 A67-27980

Formation of steady-state mixing in a wake /O formirovani statsionarnogo smesheniia v aerodinamicheskom slede/. 18 p2984 A67-34203

DEMIANOV, V. F.

Solution of some optimal problems in nonlinear automatic control systems. 20 p3410 A67-37229

DEMIANUSHKO, I. V.

Calculation of a disk with a nonsymmetric rim and hub /Raschet diska s nesimmetrichnym obodom i stupitsel/. 03 p0528 A67-14075

DEMICHELS, C.

Plasma production by laser beam irradiation of a single solid particle. 20 p3496 A67-36212

DEMIDENKO, I. I.

Peculiarities of the interaction of an accelerated plasma with a transverse magnetic field /Osobennosti vzaimodelstvii bystrogo plazmy s poperechnym magnitnym polem/. 02 p0277 A67-12618

Investigation of plasmoid motion in a nonuniform transverse magnetic field /Issledovanie dvizheniia plazmennogo sgustka v neodnorodnom poperechnom magnitnom pole/. 02 p0278 A67-12623

Interaction of a fast plasma with a transverse magnetic field. 13 p2170 A67-27374

Motion of a plasmoid in a nonuniform transverse magnetic field. 13 p2170 A67-27379

Investigation of the dielectric susceptibility of a plasma moving through a transverse magnetic field. 22 p3845 A67-39424

DEMIDENKO, V. P.

Contribution to the theory of a compensating gyroazimuth /K teorii kompensatsionnogo giroazimuta/. 16 p2670 A67-30467

DEMIDOV, B. A.

Study by a scintillation method of X rays emitted from a plasma. 08 p1357 A67-20846

Investigation of the dependence of plasma resistance on electric-field intensity /Issledovanie zavisimosti soprotivleniia plazmy ot napriazhennosti elektricheskogo polia/. 16 p2721 A67-31483

DEMIDOV, G. V.

Existence theorem for the solution of the short term weather forecast problem /Teorema sushchestvovaniia resheniia zadachi kratkosrochnogo prognoza pogody/. 03 p0462 A67-13834

DEMIDOV, IU. S.

Mechanism of jet adhesion to the wall of a jet amplifier - The Coanda effect /O mekhanizme prilipaniia strui k stenke strulinogo usilitelia - Effekt Koanda/. 20 p3421 A67-36811

DEMIDOV, N. N.

The use of the Zenit-2 electronic computer for regulating the temperature during hot mechanical tests. 11 p1877 A67-24818

DEMIDOV, V. A.

Mixing of the emissions from ruby and neodymium lasers /Smeshenie izlucheni rubinovogo i neodimovogo lazerov/. 22 p3815 A67-39765

DEMIDOVA, A. N.

Effect of atmospheric agitation on the image of extended celestial light sources /O vliianii nespokoistvii atmosfery na izobrazhenie protiazhennykh nebesnykh istochnikov/. 02 p0325 A67-19896

DEMIKHOVSKII, V. IA.

Phonons in films /Fonony v plenkach/. 01 p0136 A67-11049

One possibility for studying the electron energy quantization effect in a thin film. 05 p0865 A67-16966

DEMILIA, R. M.

Reliability and maintainability requirements and electronic systems division /AFSC applications. 01 p0042 A67-11368

Multi-discipline approach for achieving operational reliability. 09 p1582 A67-22294

DEMIN, E. A.

Magnetic switching elements in radio electronics /Magnitnye kommutatsionnye elementy radioelektroniki/. 11 p1765 A67-24515

Shift register without shunting diodes /Registr sdviga bez shuntirulushchikh diodov/. 11 p1769 A67-25042

DEMINA, E. L.

Improvement of the heat-resistant properties of molybdenum after polygonization treatment /Uluchshenie zharoprochnykh svoistv molibdena posle obrabotki na polygonizatsiiu/. 22 p3819 A67-39324

DEMIZU, K.

Measurements of lifetime in GaAs diodes. 23 p3982 A67-41468

DEMMERLE, A. M.

The GSFC scientific data storage problem. 09 p1467 A67-21685

DEMMIG, F.

Reflection of a spherical shock wave from a concentric spherical surface /Reflexion einer sphaerischen Stosswelle an einer konzentrischen Kugelflaeche/. 10 p1623 A67-22863

DEMNY, J.

Stacking faults in tungsten. 20 p3464 A67-36225

DEMORE, W. B.

New mechanism for OH-catalyzed chain decomposition of ozone. 07 p1138 A67-20192

Reaction of O/super 1 D/ with methane. [JPL-TR-32-1109] 14 p2259 A67-28297

DEMOSS, D. M.

Timing considerations in the design of sequential fluid power circuits. 20 p3365 A67-37362

DEMPSTER, J. B.

Evaluation of B-52 structural response to random turbulence with various stability augmentation systems. [AIAA PAPER 66-998] 02 p0181 A67-12302

DEMUTSKII, V. P.

Plasma-particle distribution function in a system of alternating electrodes /Funktsiia raspredeleniia chastits plazmy v sisteme cheredulushchikh elektrodov/. 16 p2718 A67-31193

DENARDO, B. P.

Momentum transfer and cratering phenomena associated with the impact of aluminum spheres into thick aluminum targets at velocities to 24,000 feet per second. 04 p0710 A67-15005

DENARDO, E. V.

Contraction mappings in the theory underlying dynamic programming. 15 p2511 A67-29891

DENBIGH, P. N.

Structure of very thin tantalum and molybdenum films. 04 p0677 A67-15101

DENBNOVETSKAIA, E. N.

Physical properties of the solid solutions of the system NbC-Mo sub 3 C sub 2 /Fizicheskie svoistva tverdykh rastvorov sistemy NbC-Mo sub 3 C sub 2/. 14 p2337 A67-28284

DENEUVILLE, A.

Diffusion widening of p-n junctions in semiconductors. 15 p2535 A67-29488

DENGLER, R. P.

Self-evacuated multilayer insulation of lightweight prefabricated panels for cryogenic space propulsion vehicles. 10 p1734 A67-23728

DENHAM, W. F.

An accelerated gradient method for parameter optimization with non-linear constraints. 01 p0104 A67-10428

An accelerated gradient method for parameter optimization with nonlinear constraints. [AAS PAPER 66-118] 07 p1217 A67-19977

DENIAK, V. M.

Generator of triple electric and light pulses of nanosecond duration /Generator troinykh elektricheskikh i svetovykh impul'sov nanosekundnoi dlitel'nosti/. 03 p0388 A67-14270

DENIKAEV, R. Z.

Probability of the recording of "stars" by an ionization calorimeter /O veroiatnosti

- registratsii "zvezd" ionizatsionnomy
kalorimetrom/. 02 p0271 A67-12754
- Investigation of electron-photon cascade showers in iron and lead in the energy range over 100 BeV /Issledovanie elektronno-fotonnykh kaskadnykh livnel v zheleze i svintse v oblasti energii vyshe 100 BeV/. 02 p0271 A67-12755
- On the probability for recording of "stars" by an ionization calorimeter. 22 p3842 A67-40256
- Investigation of electron-photon cascades in iron and lead in the energy region above 100 BeV. 22 p3842 A67-40257
- Cross section of interactions between nuclear-active particles and atomic nuclei of lead at 10 super 11 ev /Sechenie vzaimodelstviya laderno-aktivnykh chastits s iadrami atomov zheleza v intervalle energii 100-1000 GeV/. 24 p4219 A67-42844
- DENIL, N. J.
A language and model for computer-aided design. 02 p0207 A67-11813
- DENIS, A.
Excitation of helium singlet levels by accelerated protons /Sur l'excitation des niveaux simples de l'hélium par protons accélérés/. 10 p1699 A67-22845
- DENIS, V.
Hall effect in hole-type germanium in strong electric fields /Effekt Kholla v dyrochnom germanii v sil'nykh elektricheskikh polakh/. 08 p1369 A67-20993
- DENIS, V. I.
Possibility of reducing the electron temperature in an individual valley of a multivalley semiconductor /O vozmozhnosti ponizheniya temperatury elektronov v otde'lnoi doline mnogodolinnogo poluprovodnika/. 15 p2542 A67-30246
- DENISENKO, E. T.
Materials made of metallic fibers /Materialy iz metallicheskikh volokon/. 20 p3466 A67-36912
- DENISON, D. M.
Complex reaction times at simulated cabin altitudes of 5,000 feet and 8,000 feet. 01 p0017 A67-10953
- Effects of simulated weightlessness upon the cardiovascular system. 17 p2805 A67-31952
- DENISON, D. R.
Performance of a new electrostatic getter-ion pump. 21 p3624 A67-37822
- DENISON, R.
Interacting supersonic laminar wake calculations by a finite difference method. [AIAA PAPER 66-454] 15 p2417 A67-30188
- DENISOV, E. V.
Nuclear cascade process in an ionization calorimeter /Iadernokaskadnyy protsess v ionizatsionnom kalorimetre/. 02 p0248 A67-12747
- A new installation at the "Yan-Shan" Mountain station for investigation of strong interactions at energies of 100 to 1000 BeV - First results. 22 p3801 A67-40248
- Nuclear cascade processes in an ionization calorimeter. 22 p3801 A67-40249
- Cross section of interaction between nuclear-active particles and nuclei of iron atoms at energies from 100 to 1000 GeV /Sechenie vzaimodelstviya laderno-aktivnykh chastits s iadrami atomov zheleza v intervalle energii 100-1000 GeV/. 24 p4219 A67-42849
- Study of nuclear-cascade avalanches in iron /Izucheniye ladernokaskadnykh lavin v zheleze/. 24 p4219 A67-42850
- DENISOV, I. U. N.
Discrete nature of the changes in the structure of a gas-detonation wave /O diskretnom kharaktere izmeneniya struktury volny gazovoi detonatsii/. 16 p2858 A67-30452
- Flow in the neighborhood of the stagnation point with magnetic fields parallel and perpendicular to the body surface. 16 p2723 A67-31581
- DENISOV, N. G.
Statistical properties of phase fluctuations upon complete reflection of waves from an ionospheric layer. 13 p2067 A67-26551
- DENISOV, S. P.
Spark chamber as a linear high-energy electron and photon detector /Iskrovala kamera kak livnevoi detektor elektronov i fotonov vysokoi energii/. 03 p0425 A67-14284
- A spark chamber as a shower detector for high-energy electrons and photons. 14 p2321 A67-28776
- DENISOVA, A. D.
Photoconductivity of silicon with admixtures of gold and zinc /Fotoprovodnist' kremnily z domishkami Au ta Zn/. 05 p0871 A67-17492
- Behavior of GaAs in strong electric fields /O povedenii GaAs v sil'nykh elektricheskikh polakh/. 14 p2368 A67-28532
- Study of current-carrier recombination in GaAs /Doslidzhenniya rekombinatsii nosiliv strumu v arsenidi galiiu/. 21 p3876 A67-37863
- Behavior of GaAs in strong electric fields. 23 p4039 A67-40939
- DENISOVA, V. G.
Cross section of interaction between nuclear-active particles and nuclei of iron atoms at energies from 100 to 1000 GeV /Sechenie vzaimodelstviya laderno-aktivnykh chastits s iadrami atomov zheleza v intervalle energii 100-1000 GeV/. 24 p4219 A67-42849
- DENISOVA, Z. L.
Nature of the centers of luminescence in pure cadmium sulfide /O prirode tsentrov svecheniya v chistom sernistom kadmii/. 03 p0433 A67-12890
- DENKER, S. P.
Competing detection mechanisms in hot carrier microwave diodes. 19 p3198 A67-36038
- DENMAN, E. D.
Wave propagation and turbulent media. 08 p1295 A67-20984
- DENNARD, R. H.
Design of large-scale integrated logic circuits using MOS devices. 18 p3014 A67-34554
- DENNEHY, W. J.
Ionization and displacement damage in silicon transistors. 04 p0588 A67-15706
- A radiation-induced instability in silicon MOS transistors. 04 p0589 A67-15718
- DENNING, E.
Air Force system effectiveness and reliability data systems. 18 p3007 A67-34658
- DENNIS, A.
Plastic strains in a thick cylindrical segment. [AIAA PAPER 67-113] 06 p1102 A67-18309
- DENNIS, J. E., JR.
On Newton's method and nonlinear simultaneous displacements. 13 p2147 A67-27172
- A stationary Newton method for nonlinear functional equations. 16 p2697 A67-31332
- DENNISON, P. A.
The solar wind outside the plane of the ecliptic. 07 p1249 A67-19660
- Measurements of the solar wind and the small-scale structure of the interplanetary medium. 13 p2190 A67-26318
- DENNY, J. P.
Beryllium wire - A new engineering material. 16 p2687 A67-30488
- DENOUX, M.
Epitaxial growth of zirconium on sodium chloride and calcium fluoride /Croissance epitaxiale du zirconium sur le chlorure de sodium et la fluorine/. 02 p0286 A67-11711
- DENT, J. M.
Ground erosion effects in the operation of jet lift aircraft. 06 p0945 A67-17906
- DENT, W. A.
The brightness temperature and polarization of Venus at 3.75-cm wavelength. 04 p0702 A67-15566
- DENTON, R. T.
224 Mc/s optical pulse code modulator. 01 p0033 A67-10013
- Reduction of the susceptibility to optically induced index inhomogeneities in LiTaO sub 3 and LiNbO sub 3. 23 p4012 A67-40876
- DENZEL, D. L.
The electrical characteristics of an MHD generator connected to an arbitrary load resistance network and the experimental determination of the internal conductance matrix. 16 p2600 A67-30534
- DENZEL, P.
A general formulation of the postulate for minimum volume of the MHD generator duct with fixed outer boundary values. 09 p1443 A67-21801
- DEO, N.
Partial versus total redundancy. [JPL-TR-32-1088] 07 p1153 A67-19604
- A central tree. 10 p1618 A67-22704
- DEOKAR, V. D.
Effect of substrate temperature on Hall coefficient of thin films. 01 p0138 A67-11231
- Some studies on Hall coefficient of thin films. 02 p0294 A67-11757
- DEPANGHER, J.
An analysis of non-uniform proton irradiation damage in silicon solar cells. 02 p0182 A67-11682
- DEPEW, C. A.
Combined free and forced laminar convection in a horizontal tube with uniform heat flux. [ASME PAPER 67-HT-52] 20 p3548 A67-36734
- DEPEW, R. D.
Lunar AIMP photographic data processing system. 08 p1330 A67-20661
- DEPIAN, L.
Analyzing networks with state variables. 05 p0781 A67-16022
- DEPLANTE, H.
Four combat aircraft concepts. 15 p2419 A67-29670
- A French concept for an aerospace transporter. 15 p2568 A67-29842
- DEPORTES, C.
The electrochemistry of refractory oxides - Application to high-temperature fuel cells /L'électrochimie des oxydes réfractaires - Application aux piles à combustible à haute température/. 08 p1284 A67-20703
- DEPP, S. W.
Annealing of fast neutron damage in impurity-conducting n-type germanium. 06 p1050 A67-18146
- DEPRE, J. D.
A Wiener-Hopf technique for a class of nonhomogeneous linear difference-equations. 17 p2877 A67-32560
- DEPRIT-BARTHOLOME, A.
Stability of the triangular Lagrangian points. 13 p2205 A67-27477
- DEPRIT, A.
Motion in the vicinity of the triangular libration centers. 06 p1079 A67-17782
- A third order canonical approximation of the general solution of the restricted problem of three bodies in the neighbourhood of L sub 4. 08 p1380 A67-20387
- Natural families of periodic orbits. 13 p2205 A67-27476
- Stability of the triangular Lagrangian points. 13 p2205 A67-27477
- Normalization at L sub 4. 13 p2208 A67-27521
- Free rotation of a rigid body studied in the phase plane. 15 p2519 A67-30225
- Trojan orbits. II. 16 p2747 A67-30985
- Poincaré's continuation by computers. [AIAA PAPER 67-584] 19 p3250 A67-35960
- DER AGOBIAN, R.
Observation of degenerate modes with a gas laser /Observation de modes dégénérés avec un laser à gaz/. 04 p0632 A67-14913
- DER HOHANNESIAN, A.
A new airport terminal concept. 21 p3608 A67-38807
- DERAIMO, J. C.
An improved sulphur hexafluoride gas handling system for a potential drop particle accelerator. 20 p3413 A67-36181
- DERBENEVA, A. D.
The luminous efficiency of meteors. 01 p0151 A67-11287
- Ionization coefficient for meteoritic atoms. 12 p2002 A67-25551
- DERBENTSEV, D. A.
Fluctuations of a supersonic gas flow in a finite channel with oscillating walls /Kolebaniya sverkhzvukovogo gazovogo potoka, protekayushchego v kanale konechnoi dliny s ostsilivayushchimi stenkami/. 02 p0180 A67-12669
- DERBLOM, H.
Observations of an artificial sodium cloud in twilight in southern France. 03 p0412 A67-13370
- Light emission from an artificial sodium-lithium cloud released in twilight. 03 p0412 A67-13371
- Emission from a sodium trail released into an aurora. I. 03 p0412 A67-13372
- Experience from an artificial shock-wave experiment in an aurora. 03 p0413 A67-13374
- A sodium-lithium point cloud payload. 03 p0413 A67-13375
- Some instruments for night studies of upper atmosphere light emissions. 03 p0419 A67-13376
- DERDEYN, S. M.
System for orienting balloon payloads in space. 05 p0805 A67-16465
- DERENYI, E. E.
Geometrical considerations for mapping from scan imagery. 01 p0059 A67-10316
- DEREPOVSKII, N. T.
Investigation of a coaxial plasma source

- with gas admission at its end /Issledovanie koaksial'nogo istochnika plazmy s napuskom gaza na kontse/. 15 p2525 A67-29252
- DEREVSHCHIKOV, V. A.**
Spectroscopic study of the plasma of a low-voltage pulse discharge in vacuum. 09 p1544 A67-21852
Time-dependent luminosity characteristics of a plasma from a pulsed discharge in a vacuum /Vremennyye kharakteristiki svescheniya plazmy impul'snogo razrada v vakuume/. 18 p3087 A67-34049
Plasma-velocity measurements using high-speed photographs in monochromatic light. 21 p3664 A67-37939
- DERFLER, H.**
Two-stream flow in diodes. 02 p0214 A67-11883
Growing wave and instability criteria for hot plasmas. 17 p2899 A67-32276
Electrostatic relaxation waves in an isotropic Lorentz gas. 22 p3848 A67-39692
- DERIABINA, M. A.**
Spectroscopic study of the plasma of a low-voltage pulse discharge in vacuum. 09 p1544 A67-21852
- DERIAGIN, B. V.**
Application of the method of Bhatnagar, Gross, and Krook to the determination of the rate of thermal slip of a gas near a solid surface /Primenenie metoda Bhatnagara, Grossa i Kruka dlia opredeleniya skorosti teplovogo skol'zheniya gaza vblizi tverdoi poverkhnosti/. 15 p2582 A67-30390
Theory of the motion of solution drops in a diffusing binary gas mixture /Teoriya dvizheniya kapel' rastvorov v dvizhushchishe binnarol gazovol smesi/. 20 p3421 A67-36812
- DERIENZO, P.**
Convective stagnation-point heating for re-entry speeds up to 70,000 fps including effects of large blowing rates. 06 p0943 A67-18843
- DERIUGIN, I. A.**
Review of external superhigh-frequency modulation techniques for lasers /Obzor metodov vneshnei sverkhvysokochastotnoi modulatsii opticheskikh kvantovykh generirov/. 03 p0436 A67-13138
Noises of quantum devices /Shumy kvantovykh ustroystv/. 03 p0368 A67-13139
Quantum effects in information-transmission systems /Kvantovye efekty v sistemakh peredachi informatsii/. 03 p0368 A67-13140
Propagation of electromagnetic waves in a moving gyrotropic medium /Rasprostraneniye elektromagnitnykh voln v dvizhushchishe glotropnoi srede/. 05 p0761 A67-16207
Quadratic relations in moving media electrodynamics /Kvadratichnye, sootnosheniya v elektrodinamike dvizhushchishe sred/. 05 p0844 A67-16354
Some properties of a multi-channel optical communication system with frequency division of channels. 16 p2623 A67-30882
- DERIUGIN, L. N.**
Two-mirror antenna with automatic phasing and an experimental study of the antenna /Dvukhzerkal'naya antenno s avtomaticheskimi fazirovaniem i ee issledovanie/. 13 p2080 A67-27024
Properties of planar nonsymmetric dielectric waveguides with a dielectric base /Svoystva ploskikh nesimmetrichnykh dielektricheskikh volnovodov na podlozhe iz dielektrika/. 13 p2069 A67-27028
- DERKACHEVA, L. D.**
Lasers based on solutions of rare-earth chelates /Opticheskie kvantovye generatory na rastvorakh redkozemel'nykh khelatov/. 10 p1664 A67-23068
- DERMAN, C.**
Surveillance of multi-component systems - A stochastic traveling salesman's problem. 01 p0106 A67-10930
- DERMAN, D.**
Instability of Maxwellian fluid flow in a pipe. 11 p1778 A67-24216
- DERMOTT, R. G.**
Extending the possible in metalworking. 12 p1948 A67-25286
- DEROY, H.**
Backward diodes for SHF detection /Diodes inverses destinees a la detection millimetrique/. 06 p0969 A67-18120
- DERR, J. S.**
The moment of inertia of the moon. 23 p4066 A67-41011
- DERR, V. E.**
Application of nuclear radiation to the pumping of lasers. 05 p0814 A67-16547
- DERSHIN, H.**
Direct measurement of compressible, turbulent boundary layer skin friction on a porous flat plate with mass injection. [AIAA PAPER 67-194] 06 p0987 A67-18341
Direct measurement of skin friction on a porous flat plate with mass injection. [AIAA PAPER 67-194] 23 p3991 A67-41713
- DETOUZOS, M. L.**
Phaseplot - An on-line graphical display 13 p2073 A67-27063
Minimization and convexity in threshold logic. 13 p2073 A67-27065
CIRCAL - On-line circuit design. 15 p2442 A67-29169
A parametric graphical display technique for on-line use. 19 p3188 A67-38059
- DERUSSO, P. M.**
Stability analysis of predictive control systems. [AFOSR-67-1339] 01 p0046 A67-11207
Synthesis of optimal feedback control systems subject to parameter variations. 16 p2647 A67-31641
- DERWIDUE, L.**
Synthesis of iterative methods for the solution of linear algebraic systems /Synthese des methodes iteratives de resolution des systemes algebriques lineaires/. 18 p3071 A67-33753
- DERZHAVIN, O. M.**
Block diagrams of pulse-time modulators of the first kind /Strukturnyye skhemy vremennykh impul'snykh modulatorov I roda/. 15 p2455 A67-29122
- DESAGHER, S.**
Thermodynamics of electronic carrier populations in dissociable binary semiconductors /Thermodynamique des populations de porteurs electroniques dans les semi-conducteurs binaires dissociables/. 01 p0130 A67-10198
- DESAI, H. S.**
Transient forced convection laminar film condensation upon a horizontal plate. 01 p0168 A67-11229
- DESAI, R.**
Variation of the magnetic horizontal component in Eastern Africa. 03 p0408 A67-12838
- DESAI, S. K.**
Electronic space-charge neutralization in a thermionic converter. 08 p1286 A67-21177
- DESAI, U. D.**
Effects of electric fields and their configurations on thermal annealing of MOSFETs and radiation hardening. 17 p2916 A67-32835
- DESAI, Y. R.**
Radial particle profile in negative glow neon plasma. 08 p1362 A67-21288
Radial profiles of carrier density and energy in diffusion controlled plasma. 20 p3501 A67-37239
- DESAINTFUSCIEN, M.**
Realization of a vertical-beam hydrogen maser /Realisation d'un maser a hydrogene a jet vertical/. 04 p0632 A67-14898
Measurement of the Q parameter of a hydrogen maser /Mesure du parametre Q d'un maser a hydrogene/. 11 p1802 A67-24754
- DESANTIS, G. C.**
Feasibility study for an ultimate personnel/cargo lowering and retrieval system for the CH-47 helicopter. 17 p2804 A67-32518
- DESBORDES, P.**
Temporary blindness by lightning strike in flight /Cecite temporaire par foudrolement en vol/. 23 p3945 A67-41069
- DESCHAMPS, G. A.**
Some remarks on radio-frequency holography. 13 p2119 A67-26518
Radiation of an antenna in a compressible magnetoplasma. 20 p3388 A67-37701
- DESCORNET, G.**
Reception of time signals on kilometer waves. II /Reception de signaux horaires sur ondes kilometriques. II/. 11 p1792 A67-24782
- DESER, S.**
Covariant decomposition of a tensor and the gravitational Cauchy problem /Decomposition covariante d'un tenseur et le probleme de Cauchy gravitationnel/. 10 p1679 A67-22841
The sign of the gravitational force. 20 p3483 A67-36184
- DESESA, M. A.**
Determination of temperature profile in charred phenolic composites by reconstruction of the ablation process. [AIAA PAPER 65-638] 03 p0533 A67-13058
- DESEQUELLES, J.**
Study of the excitation of nitrogen and oxygen by proton shocks /Etude de l'excitation de l'azote et de l'oxygene par chocs protoniques/. 06 p1037 A67-18706
Study of inelastic shocks between CO molecules and protons between 30 and 600 kev /Etude des chocs inelastiques entre molecules CO et protons entre 30 kev et 600 kev/. 14 p2390 A67-28943
- DESHAHER, L. G.**
Optical isolator for near infrared. 09 p1500 A67-22425
Laser mode selection by internal reflection prisms. 10 p1662 A67-22742
- DESHMUKH, A.**
Measurement of rotational-velocity and ion-density profiles in plasma vortices. 19 p3288 A67-35361
- DESHPANDE, M. R.**
Fading characteristics of radio waves reflected from the E sub s layer at Thumba. 03 p0406 A67-12824
Ionospheric horizontal drifts within the equatorial electrojet region in India. 03 p0407 A67-12829
- DESHPANDE, N. V.**
Stability of magnetohydrodynamic half-jet. I. 03 p0483 A67-14033
Stability of magnetohydrodynamic half-jet. II. 03 p0483 A67-14034
Stability of relativistic magnetohydrodynamic shock waves. 15 p2523 A67-29216
- DESHPANDE, S. D.**
Detection of solar flare effect during severe geomagnetic disturbances from ionospheric flare effects. 12 p1993 A67-25363
- DESILVA, A. W.**
Observation of anomalous electron heating in plasma shock waves. 24 p4198 A67-42736
- DESOER, C. A.**
The minimal realization of a nonanticipative impulse response matrix. 16 p2697 A67-31426
Controllability and observability of composite systems. 24 p4135 A67-42181
Controllability and observability of feedback systems. 24 p4136 A67-42189
- DESORBO, W.**
Probable upper limit of H sub c2 for some higher-order ductile transition-metal superconducting alloys. 11 p1850 A67-24925
- DESOYER, K.**
Rolling friction with axial thrust /Rollreibung mit axialem Schub/. 17 p2865 A67-32263
- DESPE, O. D.**
A pl gravitational compensator. 11 p1793 A67-24822
- DESSLER, A. J.**
Ionospheric heating associated with the main-phase ring current. 07 p1181 A67-19934
Magnetosheath field, geomagnetic index a sub p and stability of magnetopause. 07 p1182 A67-19953
Field-aligned currents in the magnetosphere. 08 p1402 A67-21476
Solar wind and interplanetary magnetic field. 10 p1709 A67-23546
- DESTREE, R.**
Auxiliary-arc electrodes for magnetoaerodynamic systems /Electrodes a arc auxiliaire pour machines magnetoaerodynamiques/. 09 p1444 A67-21822
- DESTRIAU, M.**
Heterogeneous processes in the combustion of gaseous mixtures. 18 p3155 A67-33847
- DESTUYNDER, R.**
Comparison of calculations with wind-tunnel tests using a flexible three-dimensional model /Comparison essais calculs sur maquette souple tridimensionnelle de soufflerie/. 10 p1622 A67-22882
- DESVIGNES, F.**
Solar-sensor system for the D-2 satellite /Le systeme de senseurs solaires pour le satellite D-2/. 21 p3629 A67-38666
- DESVIGNES, F.**
Image analyzer tube for IR /Tube analyseur d'images pour l'infrarouge/. 07 p1189 A67-20158
Detritmental effect of 1-Mev electrons on epitaxial solar cells /Degradation des

- cellules solaires epitaxiales due a des
electrons de 1 Mev/. 21 p3572 A67-38672
- DETEMPLE, T. A.**
Two-photon absorption in alkali halides
with a pulsed N sub 2
laser. 24 p4187 A67-42361
- DETENBECK, R. W.**
Photon bunching in a laser at
threshold. 20 p3461 A67-37289
- DETERT, K.**
The influence of small cold deformation
preceding aging in 15 and 18 pct nickel
maraging steel. 13 p2132 A67-26575
- DETHLEFSEN, R.**
Cathode spot phenomena of pulsed
vacuum arc utilized for electric
microthrusters. 12 p1989 A67-25403
- DETINOV, IU. M.**
Effect of variation in contact resistance on
the readings of strain gages in strength
tests /Vlilanie izmeneniia perekhodnogo
soprotivleniia na pokazaniia tenzodatchikov
pri prochnostnykh
issledovaniakh/. 02 p0340 A67-12444
- DETKOV, S. P.**
Matrix equations of radiative energy
transfer /Matrichnye uravneniia perenosa
luchistoi energii/. 06 p1118 A67-18551
Effect of recirculation on the temperature
field of a flame in a cylindrical chamber
/Vlilanie retsirkulatsii na temperaturnoe
pole fakela v tsilindrichesko
kamere/. 16 p2779 A67-31395
- DETRIE, R.**
Reception of time signals on kilometric
waves. I /Receiver design/ /Reception de
signaux horaires sur ondes kilometriques. I
/Conception du
recepteur/. 02 p0190 A67-11481
- DETTMERING, W.**
Dynamic behavior of jet engines with air
extraction behind the compressor /Das
dynamische Verhalten von Strahltriebwerken
bei Luftentnahme hinter dem
Kompressor/. 03 p0503 A67-13009
Investigations of new supersonic
retardation cascades for turbines and
compressors /Untersuchungen an neuen
Ueberschallverzögerungsgittern fuer
Turbinen und
Verdichter/. 03 p0503 A67-13012
- DEUBNER, F. L.**
Some properties of velocity fields in the
solar photosphere. 23 p4066 A67-41229
- DEUTCH, J. M.**
Anomalous specific heat and viscosity of
binary van der Waals
mixtures. 11 p1884 A67-24990
- DEUTER, J.**
The 9.1-cm spectroheliogram of May 20,
1966. 07 p1251 A67-19914
- DEUTSCH, A. J.**
Color anomalies and metal deficiencies in
solar-type disk-population stars.
II. 08 p1400 A67-21249
Rapid rotation of the solar
interior. 12 p1994 A67-25526
- DEUTSCH, CH.**
Interference effects in the far-field
patterns of semiconductor diode
lasers. 13 p2128 A67-27288
Operation of a gallium arsenide diode
laser with an external resonator using a
Brewster window. 15 p2498 A67-29511
- DEUTSCH, S.**
Lunex II - A study on manned lunar
exploration. 01 p0017 A67-11392
Conjectures on mammalian neuron
networks for visual
recognition. 04 p0563 A67-14798
- DEUTSCH, T. F.**
No molecular laser. 02 p0253 A67-12510
Pulsed and steady-state infrared emission
studies of CO sub 2
systems. 05 p0816 A67-16630
Molecular laser action in hydrogen and
deuterium halides. 13 p2127 A67-27018
Gain and fluorescence characteristics of
flowing CO sub 2
laser
systems. 15 p2497 A67-29390
Laser emission from HF rotational
transitions. 19 p3241 A67-36103
Broad-band light amplification in organic
dyes. 20 p3460 A67-36855
- DEUTSCHBEIN, O. K.**
Phosphate glasses - New laser materials
/Les verres phosphates - Nouveaux
matériaux laser/. 13 p2128 A67-27229
- DEUTSCHER, G.**
Destruction of superconducting metastable
states by beta-irradiation. 17 p2912 A67-32270
- Proximity effects between
superconductors and ferromagnetic
domains. 17 p2912 A67-32271
Upper critical field of a superconductor
backed by a normal
metal. 24 p4200 A67-41862
- DEUTSCHMAN, W. A.**
Additional resonance lines of highly
ionized sulfur, chlorine, argon, and
potassium. 20 p3528 A67-37478
- DEVAN, J. H.**
Mass transfer of niobium-base alloys in
flowing nonisothermal
lithium. 07 p1223 A67-19463
- DEVANATHAN, C.**
Small amplitude waves in
hydromagnetics. 03 p0480 A67-13725
Motion of charged
particles. 03 p0481 A67-13737
Plasma oscillations in the generalized B-G-
K model. 03 p0481 A67-13738
Harmonic and anharmonic oscillations of a
cylindrical plasma in the presence of a
steady axial current. 03 p0482 A67-13741
Small amplitude hydromagnetic waves in
compressible medium with Hall
current. 03 p0482 A67-13742
- DEVANEY, M. J.**
Sensitivity analysis. 19 p3200 A67-34846
- DEVANT, G.**
Interpretation test of X-ray diffraction
diagrams provided by thin films /Essai
d'interpretation de diagrammes de
diffraction de rayons X donnees par des
couches minces/. 02 p0287 A67-11714
- DEVARHUBLI, V.**
Discussion of antenna network applications
for the development of high-gain systems
/Discussion des applications des reseaux
d'antennes pour la realisation de systemes a
gain eleve/. 21 p3600 A67-38670
- DEVELAY, R.**
A versatile aluminum alloy for cryogenic
applications. 13 p2142 A67-27673
- DEVELIS, J. B.**
Hologram coherence
effects. 09 p1493 A67-21589
Effect of source size on the resolution in
Fourier-transform
holography. 16 p2681 A67-31883
Three dimensional hologram reconstruction
and image speckle. 20 p3451 A67-37309
Theory and Applications of
Holography. 22 p3798 A67-39633
- DEVENYI, J.**
Structural and magnetic properties
of epitaxial permalloy
films. 04 p0676 A67-14931
Study by Lorentz microscopy of FeNi-
FeNiMn thin films with ferro-
antiferromagnetic coupling /Etude en
microscopie Lorentz de couches minces
FeNi-FeNiMn a couplage ferro-
antiferromagnetique/. 24 p4206 A67-43109
- DEVERALL, J. E.**
Heat-pipe performance in a zero gravity
field. 24 p4256 A67-42926
- DEVERALL, L. I.**
Solution of equations for solid propellant
ignition. 23 p4048 A67-41764
- DEVEREAUX, J. A.**
An application-oriented multiprocessing
system. III. 23 p3976 A67-41058
- DEVIATKOV, A. G.**
Certain characteristics of the generation
of optical radiation in CdS as a result of
electron excitation. 02 p0251 A67-11828
- DEVIATKOVA, E. D.**
Thermal conductivity of lanthanum and its
monochalcogenides. 04 p0680 A67-15287
Thermal properties, electrical properties,
and width of the forbidden bands of PbTe
and PbSe /Teplovyie, elektricheskie svoistva
i shirina zapreshchennoi zony PbTe i
PbSe/. 12 p1986 A67-26094
- DEVIEENNE, F. M.**
Experimental studies of secondary
electronic emission from a metallic surface
under the impact of a high-energy molecular
beam /Recherches experimentales sur
l'emission electronique secondaire d'une
surface metallique sous l'impact d'un jet
moleculaire de haute
energie/. 20 p3488 A67-36438
Measurement of the accommodation
coefficients of molecules of very high
energy, and results /Mesure des coefficients
d'accommodation de molecules de tres haute
energie et resultats/. 20 p3489 A67-36939
- DEVIME, R.**
The behaviour of various electrodes and
insulators in an experimental M.H.D.
generator. 18 p2988 A67-33708
- DEVINE, M. J.**
Lubrication of ball bearings with volatile
organic compounds. 01 p0077 A67-10120
- DEVISHEV, M. I.**
On the ionizing accompaniment of
approximately 170 Bev nucleons at 2000
meters altitude. 02 p0312 A67-12609
Cross section of inelastic interaction
between neutrons and carbon nuclei at
energies of 100 GeV /Sechenie neuprugogo
vzaimodelstviia neitronov s iadrami ugleroda
pri energii 100 GeV/. 24 p4219 A67-42848
- DEVLIN, J. J.**
Auroral spectrograph
data. 02 p0238 A67-12036
- DEVOE, D. B.**
Some problems in the display of
information for weather
forecasters. 05 p0836 A67-16311
- DEVOE, J. R.**
Moessbauer spectroscopy - Applications to
aerospace. 05 p0843 A67-16544
- DEVOR, D. P.**
Thermal switching of laser emission of Er
super 3 super plus at 2.69 mu and Tm super
3 super plus at 1.86 mu in mixed crystals of
CaF sub 2-ErF sub 3-TmF sub 3
3. 11 p1803 A67-24836
- DEVORE, R. V.**
Equilibrium concentrations for an air-
water plasma, 3000 deg-7000 deg
K. 05 p0850 A67-16131
- DEVOTO, R. S.**
Transport coefficients of partially ionized
argon. 11 p1775 A67-23865
- DEVRIES, K. L.**
The effect of pressure on
fatigue. 23 p4075 A67-40666
- DEVRIES, R. C.**
Dielectric aging and microstructure in the
system BaTiO sub 3 -CaTiO sub 3
3. 06 p1020 A67-18047
- DEWAMES, R. E.**
Molecular theories of rubberlike elasticity
and polymer viscoelasticity.
[AIAA PAPER 67-488] 18 p3143 A67-33954
- DEWANCKEL, B.**
Problems of the corrosion of beryllium in
CO sub 2 under pressure at high
temperatures /Problemes de corrosion du
beryllium dans le gaz carbonique sous
pression aux temperatures
elevees/. 13 p2136 A67-27108
- DEWAR, M. A.**
Design and performance evaluation of
aircraft nucleonic fuel gaging system by
computer techniques. 05 p0842 A67-16542
- DEWART, W. G.**
SNAP 8 reactor bearing development.
[ASLE PAPER 66AM 7A1] 08 p1335 A67-21034
- DEWEL, G.**
Effect of relaxation in the electrical
conductivity of semiconductors and metals
/Effet de relaxation dans la conductivite
electrique des semiconducteurs et des
metaux/. 02 p0280 A67-11480
- DEWEY, A. G.**
On the stability of feedback systems with
one differentiable nonlinear
element. 01 p0046 A67-11210
- DEWEY, C. F., JR.**
Production of quiescent alkali plasmas
using porous ionizers. 11 p1838 A67-24411
A unified treatment of sheath problems in
alkali plasma devices.
[AIAA PAPER 67-691] 22 p3868 A67-39843
- DEWHIRST, D. W.**
The zodiacal light. 22 p3794 A67-40426
- DEWIESS, F. A.**
Structure of the lunar
lithosphere. 06 p1092 A67-19004
- DEWITT, H. E.**
Convergent kinetic equation for a classical
plasma. 11 p1844 A67-25076
Opacity of high-temperature
air. 20 p3485 A67-36930
- DEWITT, R. N.**
Relative motion of a body about an
orbiting satellite. 04 p0706 A67-15249
- DEXTER, D. L.**
Optical constants of a model
semiconductor. 14 p2364 A67-27956
- DEXTER, E. M.**
Components for FM and AM fluidic
circuits. 08 p1282 A67-20469
- DEYOUNG, D. S.**
Inertial confinement of extended radio
sources. 24 p4226 A67-41881

- DEYRIS, E.
Recent progress in the preparation of very pure gallium arsenide. 10 p1693 A67-23517
- DEZENBERG, G. J.
The use of a multipath cell as a CO sub 2 -N gas laser amplifier and oscillator. 21 p3625 A67-37854
- DHAEM, S. M.
Systematic comparison of Venus swingby mode with standard mode of Mars round trips. [AIAA PAPER 67-27] 06 p1085 A67-18332
Systematic comparison of Venus swingby mode with standard mode of Mars round trips. [AIAA PAPER 67-27] 17 p2940 A67-32059
- DHALIWAL, R. S.
An axisymmetric mixed boundary value problem for a thick slab. 11 p1813 A67-24313
- DHANAK, A. M.
Heat transfer and drag due to cavities on a re-entry surface. 02 p0179 A67-12344
Momentum transfer in turbulent separated flow past a rectangular cavity. [AFCRRL-66-851] 04 p0610 A67-15924
An analytical and experimental study of the radiation properties of oxide films on metal substrates. [AIAA PAPER 67-286] 12 p1958 A67-26003
Heat transfer in turbulent boundary-layer separation over a surface cavity. [ASME PAPER 67-HT-14] 20 p3545 A67-36711
- DHANJU, M. S.
Short-period variations of cosmic-ray intensity. 19 p3315 A67-35537
- DHARCOURT, A.
Reliability of components subjected to radiation stress - Problems to be solved and certain experimental results / Fiabilité des composants soumis a la contrainte "rayonnements" - Problemes a resoudre et quelques resultats experimentaux/. 02 p0210 A67-11527
- DHARMARAJAN, S. N.
Pseudononlinear bending analysis of an orthotropic multicell shell structure. 04 p0709 A67-14812
- DHAWAN, M. M.
Transient solutions to a three level maser. 11 p1801 A67-24667
- DHAWAN, S.
Aeronautical research in India. 11 p1885 A67-24653
- DHEER, M. K.
Nonlinear effects produced by Raman maser radiations. 02 p0252 A67-12052
- DI BARTOLO, B.
Evidence of phonon annihilation processes in the excited states of BaClF-Sm super 2 super plus. 24 p4205 A67-42737
- DI BENEDETTO, F.
Objective criteria for discrimination of irrotational and rotational motions in the atmosphere. 24 p4180 A67-41788
- DI MARINO, F.
Further progress in designing mechanical vibration generators - Excitation by means of two twin "vibrodyne" equipped with a synchronizing shaft / Ulteriori progressi nella costruzione di macchine eccitatrici di vibrazioni - Eccitatrice combinata a due vibrodine gemelle dotate di albero sincronizzatore/. 16 p2776 A67-31556
- DI MILO, A. J.
Esterification rates of long-chain hydrocarbon dicarboxylic acids and the steric environment in the vicinity of the acid groups. 04 p0564 A67-14473
- DI PORTO, P.
Coherence and statistical properties of a two-mode laser beam. 02 p0254 A67-12634
Statistical properties of coherent light scattered by a plasma. 06 p1039 A67-17824
Photostatistics of an N-mode laser field. 21 p3642 A67-39117
- DI PRIMA, R. C.
Vector eigenfunction expansions for the growth of Taylor vortices in the flow between rotating cylinders. 24 p4145 A67-43083
- DI SAPIO, A.
The lubricating performance of an "in situ" process MoS sub 2 film in air and in liquids. [ASLE PAPER 67-LC-15] 24 p4165 A67-42749
- DI TOMMASO, S.
Method for the correction of experimental velocity profiles in a compressible laminar boundary layer / Un metodo per la correzione dei profili sperimentali di velocita' in uno strato limite laminare supersonico/. 17 p2840 A67-33165
- DI VALENTIN, M. A.
Mass spectrometric observation of ions formed during shock wave heating of gaseous krypton and xenon. 05 p0795 A67-17440
- DIAB, M. A.
Electronically scanned antenna systems. 04 p0596 A67-15049
- DIAB, T. A.
Leading shock in two-dimensional secondary fluid injection. 23 p3992 A67-41740
- DIACHENKO, B. M.
Multistage tunnel-diode oscillator / Mnogokaskadnyi generator na tunnel'nykh diodakh/. 13 p2078 A67-26750
Automatic frequency control for an SHF tunnel-diode converter / Avtomaticheskaya podstroika chastoty v preobrazovatele SVCh na tunnel'nom diode/. 13 p2069 A67-27043
- DIACHENKO, V. F.
A cylindrically symmetric shock wave in the presence of dissipative phenomena. 06 p0984 A67-18029
- DIACHENKO, V. V.
The utilization of semiclassical and rate equations for design of steady-state lasers. 05 p0815 A67-18628
Electron cyclotron heating of a plasma. 06 p1039 A67-18082
The use of quasi-classical and balance equations for the design of steady-state lasers. 07 p1197 A67-20245
- DIACONIS, N. S.
Oxidation and sublimation of graphite in simulated re-entry environments. [AIAA PAPER 65-643] 08 p1426 A67-20561
The hypervelocity heat protection problem. 16 p2778 A67-30722
- DIACONOV, M. I.
Gas laser in a magnetic field / Gazovyi lazer v magnitnom pole/. 06 p1011 A67-18168
Gas laser in a magnetic field. 20 p3462 A67-37591
- DIAKOV, B. E.
Investigation of moving striations by Langmuir's probe method. 19 p3273 A67-35095
- DIAKOV, I. G.
Ageing of beryllium alloys with chromium and zirconium. 19 p3245 A67-35472
- DIAKOVA, M. A.
Diffusion and diffusionless transformations in titanium alloys. 06 p1018 A67-18231
- DIAL, O. L.
Along-track oscillations of a satellite due to tesseral harmonics. 08 p1383 A67-20587
- DIAMANT, E. S.
Axisymmetric creep in cylindrical shells. 21 p3727 A67-38872
- DIAMANT, L. S.
A unique system of state transition partial derivatives. [AAS PAPER 66-108] 07 p1253 A67-19968
- DIAMANTINI, F.
An Italian approach to reusable low-cost rockets. 15 p2587 A67-29840
- DIAMENT, P.
Summation of series for cyclotron harmonic wave dispersion. 11 p1827 A67-23886
Perturbation analysis of axially nonuniform electromagnetic structures using nonlinear phase progression. 16 p2626 A67-31345
Electromagnetic propagating structures with nonuniform gross perturbations. 16 p2626 A67-31346
- DIAMOND, H. B.
The fluid sphere gyro for missile applications. 14 p2322 A67-29081
- DIAMOND, J.
Potential for the pure helicopter in the shorthaul market. [AIAA PAPER 67-772] 24 p4095 A67-42940
- DIAMOND, S.
Medical complications of contact lenses and their aeromedical implications. 18 p2993 A67-34723
- DIANOV-KLOKOV, V. I.
Absorption spectrum of condensed oxygen in the 1.28-0.3 mu region. 01 p0116 A67-10509
- DIANOV, D. B.
Calculation of the hydrodynamic process of drawing together aerosol particles in a sonic field in a Stokes flow regime / Raschet gidrodinamicheskogo sblizheniya aerozol'nykh chastits v zvukovom pole v Stoksovskom rezhime obtekanila/. 10 p1627 A67-23643
Analysis of the hydrodynamic aggregation of aerosol particles in a sound field under Stokes flow conditions. 18 p3029 A67-34412
- DIANOV, I. G.
Beryllium ageing. 13 p2136 A67-27105
- DIANOVA, V. A.
Frequency conversion by means of doubly modulated light / Preobrazovanie chastoty pri ispol'zovanii dvoynoi moduliatsii sveta/. 04 p0575 A67-15170
Frequency conversion through the use of double light modulation. 15 p2443 A67-29356
- DIATKINA, M. E.
Semiempirical description of the valence band of group IV elements in the method of equivalent orbits / Poluempiricheskoe opisaniye valentnoi zony elementov IV gruppy v metode ekvivalentnykh orbit/. 15 p2541 A67-30237
- DIATLOV, V. D.
Ion cyclotron resonance in a dense plasma with hot electrons. 05 p0853 A67-18755
- DIATLOV, V. G.
Coaxial plasma source with a superimposed azimuthal magnetic field / Koaksial'nyi istochnik plazmy s nalozhennym azimutal'nym magnitnym polem/. 15 p2526 A67-29254
Measurement of theta-pinch parameters in an azimuthal magnetic field / Izmereniye parametrov theta-pinch'a v azimutal'nom magnitnom pole/. 16 p2718 A67-31187
- DIAZ, J. B.
A remark on the singular Cauchy problem, for all values of the time, for the Euler-Poisson-Darboux equation. 02 p0280 A67-12431
The Goursat problem for the partial differential equation u sub xyz equals f - A mfrage. 09 p1525 A67-22624
- DIAZ, R. A.
Study of heat balance in full pressure suits. 09 p1455 A67-21731
- DIBAI, E. A.
The optical spectrum of the quasistellar radio source 3C-345. 18 p3118 A67-33854
- DIBENKO, G. I.
Effect of prestressing on the mechanical characteristics of a monodirectional glass-fiber-reinforced plastic / Vpliv poperedn'ogo navantazhenniya na mekhanicheskiye kharakteristiki odnonapravlennoy skloplastiki/. 21 p3650 A67-37911
- DICAUDO, V. J.
Approximate solution to bistatic radar cross section of finite length, infinitely conducting cylinder. 02 p0192 A67-11623
- DICK, D. E.
Analog and digital computation of Fourier series and integrals. 09 p1470 A67-22667
- DICK, R. D.
The influence of an intermittent visual stimulus on perceptual motor skills in aviation. 14 p2258 A67-28668
- DICK, S. G.
Inertial navigation errors for a lifting reentry vehicle. 17 p2881 A67-32476
- DICKE, R. H.
Gravitation and the universe. 03 p0516 A67-14339
Solar oblateness and general relativity. 08 p1354 A67-21429
Differential rotation and the solar oblateness. 17 p2940 A67-32207
The Richtmyer memorial lecture - Gravitation and cosmic physics. 20 p3524 A67-36834
The solar spin-down problem. 24 p4225 A67-41834
The secular acceleration of the earth's rotation and cosmology. 24 p4229 A67-42321
- DICKEL, J. R.
6-cm observations of Jupiter. 14 p2389 A67-28837
6-cm observations and the microwave spectrum of Venus. 16 p2747 A67-30987
Microwave observations of Jupiter. 21 p3710 A67-38995
- DICKENS, J. K.
Distorted-wave analysis of inelastic scattering of 81.7 Mev protons from super 60 Ni. 17 p2888 A67-32733
- DICKENS, L. E.
Millimeter wave diodes for harmonic power generation. 09 p1474 A67-22086
Spreading resistance as a function of frequency. 11 p1767 A67-24731
- DICKENS, R. J.
Spectrophotometry of new short-period variable stars. 19 p3330 A67-36076
- DICKENS, W. P.
Low-altitude hypersonic flow simulation by means of a supersonic compressor. 02 p0229 A67-11933
Spectroscopic measurements of combustion

- gas composition in supersonic flow.
[AIAA PAPER 65-580] 12 p1990 A67-25899
- DICKER, D.
A perturbation solution for the nonlinear radiation heat transfer problem. 04 p0737 A67-15867
- DICKERSON, E. O.
Off-axis strength and testing of filamentary materials for aircraft application. 03 p0523 A67-13446
- DICKERSON, J. R.
Stability of linear dynamic systems with narrow-band parametric excitation.
[ASME PAPER 67-APM-24] 17 p2830 A67-33152
- DICKERSON, K. H.
A low-pressure chamber for estimation of the gas exchange ratio.
[ASME PAPER 66-WA/HT-52] 04 p0599 A67-15438
- DICKERSON, P.
Convenient thermal analysis techniques for printed circuit board assemblies. 21 p3594 A67-38330
- DICKERSON, S. L.
ICARVS - A proposed 0.1 AU solar probe. 22 p3906 A67-40152
- DICKERSON, W. D.
Solar electric propulsion mission to the comets. 19 p3323 A67-35333
Trajectory optimization for solar-electric powered vehicles.
[AIAA PAPER 67-583] 19 p3329 A67-35978
- DICKEY, L. D.
Contactless switching - An application of solid state switching technology to aircraft electric systems. 17 p2825 A67-32513
- DICKEY, R. R.
Performance of charring ablative materials in the diffusion controlled surface combustion regime.
[AIAA PAPER 67-328] 12 p2038 A67-26042
- DICKINSON, A.
Holography and character recognition. 13 p2118 A67-26258
- DICKINSON, H. J.
Which servo system for missile control/ques/. 02 p0182 A67-11842
- DICKINSON, J. M.
Temperature dependence of the elastic constants of molybdenum. 11 p1809 A67-24908
- DICKINSON, J. T.
Molecular beam measurement of the hyperfine structure of super 85 Rb super 19 F. 11 p1821 A67-23961
- DICKINSON, L. A.
Review of Soviet transient combustion research. 15 p2581 A67-29986
- DICKS, J. B.
Characteristics of a family of diagonal conducting wall MHD generators. 12 p1898 A67-25381
- DICKS, J. B., JR.
Transient wave growth in magnetogasdynamic generators. 12 p1899 A67-25390
An experimental and theoretical comparison of the performance of diagonal wall generators, Faraday generators and Hall current generators. 16 p2608 A67-30597
- DICRISTINA, H.
Development of the Surveyor Vernier propulsion system.
[AIAA PAPER 66-593] 08 p1413 A67-21516
Survey of reaction control systems for synchronous satellites. 17 p2953 A67-31972
- DICRISTINA, V.
A prediction technique for ablative material performance under high shear reentry conditions. 10 p1734 A67-23722
- DIDENKO, N. P.
Experimental investigation of annular waveguide resonator cavities
/Eksperimental'noe issledovanie kol'tsevykh volnovodnykh rezonatorov/. 13 p2077 A67-26749
- DIDENKO, O. I.
Effect of geometrical parameters of curvilinear annular diffusers on diffuser effectiveness /Vliyanie geometricheskikh parametrov krivolineynykh kol'tsevykh difuzorov na ikh effektivnost'/. 06 p0942 A67-18553
- DIEDERICH, E.
Precipitation hardening in high-strength stainless steels. 23 p4018 A67-40871
- DIDOMENICO, M., JR.
Evidence from Raman scattering for an overdamped soft optic mode in BaTiO sub 3. 23 p4038 A67-40796
- DIDOT, D. M.
Temperature compensation of a ferroelectric phase shifter /Compensation en temperature d'un dephaseur a materiau ferroelectrique/. 21 p3679 A67-38219
- DIDYK, R. P.
Problem of the determination of the dynamic stress field in cylindrical shells /K voprosu opredeleniya dinamicheskogo polia napriazhenii tsilindricheskikh obolochek/. 02 p0341 A67-12664
- DIECKAMP, H. M.
Snapshot - The first space test of a reactor power unit. 16 p2701 A67-30638
- DIEDERICH, F. W.
Synchronous rotation of a satellite at less than synchronous altitude. 10 p1712 A67-23148
- DIEDRICH, J. H.
Material and geometry aspects of space radiators. 07 p1223 A67-19461
- DIEKE, G. H.
Hyperfine structure and magnetic behavior of trivalent holmium in hexagonal LaCl sub 3. 12 p1987 A67-26237
- DIEMINGER, W.
The morphology of winter anomaly of absorption. 10 p1846 A67-23267
- DIENES, J. K.
Summary report on the theory of hypervelocity impact. 04 p0710 A67-15004
- DIENSTBIER, Z.
An experimental contribution to the possibility of the utilization of the radioprotective compound AET. 22 p3753 A67-40546
- DIEP, G. B.
Heat and mass transfer on sweptback circular cylinders in supersonic flow. 04 p0549 A67-15824
Aerodynamic and aerothermal study of circular cylinders at an angle of attack in supersonic flow /Etude aerodynamique et aerothermique de cylindres circulaires en attaque oblique dans un ecoulement supersonique/. 17 p2790 A67-32379
- DIEP, G.-B.
New type of longitudinal vortex in flow around a cylinder - Influence of the angle of attack and the turbulence of the free flow /Sur un nouveau type de tourbillons longitudinaux dans l'ecoulement autour d'un cylindre - Influence de l'angle d'attaque et de la turbulence du courant libre/. 04 p0548 A67-15493
- DIERMEIER, R.
Thermal excitation functions and optimum temperatures of atom and ion lines in two-component plasmas /Thermische Anregungsfunktionen und Normtemperaturen von Atom- und Ionenlinien in Zweikomponentenplasmen/. 11 p1840 A67-24580
- DIERSTEIN, R.
Error-correction technique for star-pattern identification /Fehlerkorrigierende Verfahren zur Sternbilderkennung/. 04 p0619 A67-14552
Error-correction technique for star-pattern identification /Fehlerkorrigierende Verfahren zur Sternbilderkennung/. 13 p2153 A67-26579
- DIESPEROV, V. N.
Damping of perturbations introduced by a body of revolution into a supersonic flow of viscous heat-conducting gas /Zatukhanie vozmushchenii, kotorye vnositsia telom vrashcheniya v sverkhzvukovoi potok viazkoego teploprovodnashchego gaza/. 20 p3357 A67-36810
- DIETLEIN, L. F.
Vestibular experiments in Gemini flights V and VII. 13 p2062 A67-26920
- DIETRICH, L.
Plastic flow of axially-symmetric notched bars pulled in tension. 01 p0159 A67-10401
- DIETRICH, R. G.
Digital generation of continuous, filtered Gaussian noise. 02 p0184 A67-11809
- DIETRICH, W.
Electron-beam welding in vacuum and in the atmosphere /Elektronenstrahl-Schweißen unter Vakuum und an Atmosphäre/. 09 p1503 A67-22119
- DIETZ, K.-J.
Interferometric determination of electron density in an electronically driven shock tube using guided waves /Interferometrische Bestimmung der Elektronendichte in einem elektromagnetisch betriebenen Stossrohr unter Verwendung von gefuehrten Wellen/. 22 p3810 A67-40523
- DIEULESAINT, E.
Amplification of acoustic waves in a cadmium sulfide crystal /Amplification d'ondes acoustiques dans un cristal de sulfure de cadmium/. 09 p1558 A67-22591
CdS sub 2 crystal amplifier /Amplificateur a cristal de sulfure de cadmium/. 23 p3977 A67-40690
- DIFRANCO, J.
Response of a linear FM matched filter to gated noise. 01 p0037 A67-10484
- DIFRANCO, J. V.
Theoretical performance of wide-band interferometers. 08 p1300 A67-20680
- DIGENIS, C. J.
Interference reduction methods for antennas on aerospace vehicles. 20 p3405 A67-37642
- DIGGES, K. H.
Results of studies to improve the ground flotation of aircraft. 17 p2793 A67-31987
- DIGGES, T. G., JR.
X-ray diffraction study of the perfection of niobium /columbium/ single crystals. 05 p0828 A67-16470
- DIGGS, T. E.
Development and application of a logistic simulation model. 18 p3021 A67-34674
- DIGIOVANNI, H. J.
Ion tracer anemometer for the measurement of low density air flow. 10 p1658 A67-23787
- DIGNOCOURT, R.
An improved high-counting-rate balloon-borne particle detector. 04 p0621 A67-14899
- DIJKSTRA, G.
Development of a ring laser for polarimetric measurements. 13 p2128 A67-27345
- DIKII, G. P.
Conducting gas flow in an annular channel with an axial magnetic field /Tehenie provodiashchego gaza v kol'tsevom kanale v prisutstvii oseвого magnitnogo polia/. 01 p0120 A67-10174
Helical flow of a conducting fluid in a radial magnetic field /Spiral'noe techenie provodiashchei zhidkosti v radial'nom magnitnom pole/. 01 p0120 A67-10183
- DIKII, L. A.
On the nonlinear theory of hydrodynamic stability. 03 p0402 A67-13619
- DIKOVA, L. N.
Thermoelectronic properties of a pure and barium-film coated /111/ face of a tungsten single crystal /Termoelektronnye svoystva chistoi i pokrytoi plenkoi barila granii /111/ monokristalla vol'frama/. 10 p1694 A67-23646
- DILIGENSKI, S. N.
Accuracy of reproducing control laws of one class in digital form. 05 p0781 A67-16258
- DILL, E. H.
Photoviscoelasticity. 08 p1420 A67-20887
The concept of constitutive relations and failure criteria and their essential role in design. 15 p2575 A67-29977
- DILL, H. G.
A new IG tetrode with high drain breakdown potential. 01 p0033 A67-10025
- DILLARD, G. M.
A moving-window detector for binary integration. 12 p1916 A67-26079
Distribution-free detection in radar with multiple resolution elements. 15 p2436 A67-29933
- DILLE, J. R.
Possible medical factors contributing to the fatal crash of a race pilot - A case report. 09 p1456 A67-21734
Human factors in general aviation accidents. 23 p3971 A67-41708
- DILLER, D. S.
Background, framework, and implementation of automatic checkout equipment for Apollo-Saturn. 20 p3417 A67-36974
Automation in Apollo-Saturn - A critique. 20 p3533 A67-36977
- DILLON, O. W., JR.
Coupled thermoelasticity of bars.
[ASME PAPER 66-WA/APM-24] 04 p0714 A67-15412
Shock waves produced by small stress increments in annealed aluminum.
[ASME PAPER 66-WA/APM-3] 05 p0909 A67-16143
A thermodynamic basis of plasticity. 20 p3541 A67-37283
- DILLON, T. R.
Performance of a cesium bombardment ion

- engine with a self-rectifying discharge and automatic controls. [AIAA PAPER 67-666] 21 p3690 A67-38700
- DILTS, R. L.**
Atmospheric diffusion of rocket motor exhaust clouds. [AIAA PAPER 67-280] 07 p1221 A67-20084
- DILWORTH, C.**
Present situation in the study of electrons in the cosmic radiation. 11 p1856 A67-24104
- DIMAGGIO, O. D.**
Forced resonant nonlinear oscillation of a liquid in a cylindrical tank. 22 p3787 A67-40192
- DIMARTINO, B.**
Off-axis strength and testing of filamentary materials for aircraft application. 03 p0523 A67-13446
- DIMARZIO, A. W.**
Graphical solutions to harmonic analysis. 20 p3406 A67-37650
- DIMEFF, J.**
Average charge detector for mass spectrometers. 02 p0247 A67-12692
Spectral dependence of deep-space communications capability. 22 p3764 A67-40558
- DIMENTBERG, F. M.**
Finite displacements of a solid body under the effect of internal rotating flywheels and translational motion of masses /Konechnye peremeshcheniya tverdogo tela pod deystviem vrashcheniya vnutrennikh makhovikov i postupatel'nogo dvizheniya massa/. 15 p2518 A67-30169
- DIMENTBERG, M. F.**
Problem of oscillations of a system with a nonlinear characteristic under the action of a random force /K voprosu o kolebaniyakh sistem s nelineinoi kharakteristikoi pod deystviem sluchainoi sily/. 05 p0844 A67-16014
Sommerfeld effect in a system with randomly varying natural frequency /Effekt Zommerfelda v sisteme so sluchaino izmenialushchiesia sobstvennoi chastotoi/. 07 p1261 A67-19140
The sommerfeld effect in a system with randomly varying natural frequency. 17 p2965 A67-33217
Subharmonic resonance in a system with a randomly varying natural frequency /Subgarmonicheskii rezonans v sisteme so sluchaino izmenialushchiesia sobstvennoi chastotoi/. 22 p3836 A67-39405
- DIMMOCK, J. O.**
InSb MOS infrared detector. 09 p1551 A67-21577
- DIMMOCK, T. H.**
Factors influencing electro-fluid dynamic power generation. 19 p3175 A67-34801
- DIMOPTE, FL.**
On the influence of some boundary conditions on gas lubrication. 20 p3453 A67-36273
- DIMOV, N. A.**
Observations of star fields made beyond the atmosphere. 04 p0700 A67-15073
- DINARDO, A.**
Convolution techniques. 19 p3186 A67-35326
- DINESCU, A.**
Calculation of geocentric position errors of a satellite obtained by nonsimultaneous observations /Calcul des erreurs des positions geocentriques d'un satellite obtenu par des observations non simultanees/. 07 p1177 A67-19779
Direct method for the determination of space directions and the adjustment of a satellite triangulation net. 10 p1637 A67-23181
- DINGLE, H.**
The case against special relativity. 24 p4187 A67-41879
- DINI, D.**
Computation of peak transient stresses in jet engine exhaust nozzles /Sul calcolo delle sollecitazioni massime transitorie nei tubi di scarico di motori a getto/. 01 p0141 A67-11150
- DINTER, H. A.**
Freedom in bolted joints. 02 p0336 A67-11776
- DINTER, R. J.**
High-vacuum purification of niobium and tantalum and its influence on electric resistivity /Hochvakuumreinigung von Niob und Tantal und ihr Einfluss auf den elektrischen Widerstand/. 07 p1210 A67-20112
- DION, D. F.**
Electronic zoom by varying vidicon raster size. 14 p2321 A67-28920
- DION, J.**
Energy variations of auroral electrons according to balloon measurements. 10 p1702 A67-23305
- DIONNE, G.**
Annealing of dislocation pinning centers in the temperature range 120 deg to 180 deg K in alkali halide crystals. 02 p0298 A67-11888
- DIPIPPO, R.**
Viscosity of three binary gaseous mixtures. 18 p3161 A67-34522
- DIPRIMA, R. C.**
Asymptotic methods for an infinitely long slider squeeze-film bearing. [ASME PAPER 67-LUB-7] 24 p4182 A67-42671
- DIRLING, R. B., JR.**
Stagnation-point heating including spectral radiative transfer. 16 p2591 A67-30940
- DISHER, J. H.**
Ground installations for development - Qualification and checkout testing of the Apollo space vehicle. 16 p2654 A67-30676
- DISHINGTON, R. H.**
A TVR laser oscillator using a single pockels cell for Q-switching and synchronized cavity dumping. 05 p0828 A67-17525
- DISNEY, T. E.**
The relationship between aircraft design and flight-measured loads. [AIAA PAPER 66-881] 02 p0339 A67-12263
Relationship between aircraft design and flight-measured loads. 21 p3568 A67-38537
- DISTEFANO, E.**
Electrode conduction processes and segmented electrode-insulator ratio effects in MHD power generation experiments. 09 p1539 A67-21785
Experiments on the internal impedance of an MHD generator /Opredelenie vnutrennego impedansa MGD-generatora/. 17 p2802 A67-32182
- DISTEFANO, J. F.**
Means for reducing bypass flow requirements in liquid hydrogen and liquid oxygen tank mounted boost pumps on Centaur vehicle. 17 p2800 A67-31978
- DITARANTO, R. A.**
Composite damping of vibrating sandwich beams. [ASME PAPER 67-VIBR-6] 11 p1871 A67-24166
- DITCHFIELD, C. R.**
Microwave radiometry. 03 p0367 A67-12805
- DITIAKOVSKI, IA. M.**
Variation of the structure and properties of the titanium alloy VT5 as a result of gas saturation /Izmeneniye struktury i svoystv titanovogo splava VT5 v rezul'tate gazonasyshcheniya/. 10 p1670 A67-23642
- DITMARS, D. A.**
Relative enthalpy of beryllium 1-1-aluminate, BeO/Al sub 2 O sub 3, from 273 to 1173 deg K - Thermodynamic properties from 273 to 2150 deg K. 15 p2508 A67-29764
Measured relative enthalpy of anhydrous crystalline aluminum trifluoride, AlF sub 3, from 273 to 1173 deg K and derived thermodynamic properties from 273 to 1600 deg K. 16 p2820 A67-31761
- DITSMAN, S. A.**
Mutual diffusion of the components and phase diagram of the system Ti-W /Vzaimnaya diffuziya komponentov i diagramma sostoyaniya sistema Ti-W/. 07 p1204 A67-19266
- DITTER, J. F.**
Submicron boron nitride as a grease thickener. II. [ASLE PREPRINT 67AM 2C-2] 14 p2325 A67-28785
- DITTFELD, H. J.**
Dependence of the peak inverse voltage of a metal-semiconductor point contact on the mobility of majority current carriers /Zur Abhaengigkeit der maximalen Sperrspannung eines Metall-Halbleiterspitzenkontaktes von der Beweglichkeit der Majoritaetsladungstraeger/. 03 p0488 A67-12817
- DITTRICH, H.**
Investigations on a discontinuous impact vibration absorber /Untersuchungen ueber einen unstetig arbeitenden Stoss-Schwingungsdaempfer/. 01 p0161 A67-10645
- DIUBUA, B. CH.**
Work function of solid solutions of tungsten with molybdenum and tantalum. 01 p0093 A67-10092
Work function of alloys W-Hf, Ta-Hf, Nb-Hf, Re-Hf, Re-Zr and W-Re. 10 p1668 A67-23091
- DIUKALOV, A. N.**
Particle distribution in the vicinity of an infinite charged cylinder placed in a plasma /Raspreделение chastits v okrestnosti beskonечnogo zarlyazhennogo tsilindra, pomeschennogo v plazmu/. 21 p3875 A67-39033
- DIUZHEV, G. A.**
Probe investigations of a plasma in thermoemission converters with a high cesium-vapor pressure. III - Distribution of electron concentration and electron temperature and space potential in the interelectrode space of thermoemission converters /Zondovye issledovaniya plazmy v termoemissiionnykh preobrazovatelakh s vysokim davleniem parov tseziya. III - Raspreделение kontsentratsii, temperatury elektronov i potentsiala prostranstva v mezhelektrodnom prostranstve termoemissiionnykh preobrazovatelei/. 01 p0012 A67-10353
Probe investigation of plasma parameters in a high-pressure cesium thermionic converter. I - Experimental method - Theory. 02 p0184 A67-12467
Probe investigation of plasma parameters in a high-pressure cesium thermionic converter. II - Examination of the probe method - Some results of measurements carried out in the diffusion and arc modes. 02 p0184 A67-12468
Investigations of plasma in high-pressure cesium converters. III. 11 p1746 A67-25026
- DIVARI, N. B.**
Reduction of photometric measurements of zodiacal light for the influence of twilight radiation. 04 p0617 A67-15558
Cosmic dust cloud encircling the earth /Kosmicheskoe pyl'evoe oblako vokrug zemli/. 06 p1083 A67-18161
The cosmic dust cloud around the earth. 16 p2741 A67-30505
Dust content in the upper atmosphere of the earth /O soderzhanii pyli v verkhnem atmosfere zemli/. 17 p2842 A67-32257
Some zodiacal-cloud models /O nekotorykh modellakh zodiakal'nogo oblaka/. 17 p2842 A67-32325
- DIVECHA, A.**
Progress in preparation and working of whisker-reinforced metal composites. [ASME PAPER 67-DE-35] 14 p2328 A67-28876
- DIVEN, J. L.**
Calculation of a spacecraft ephemeris for compatibility studies of orbits and experiments considered for AAP Missions. 22 p3885 A67-39959
- DIVOKY, D.**
Correlation of intermittency with preferential transport of heat and chemical species in turbulent shear flows. [AIAA PAPER 65-810] 01 p0054 A67-11167
- DIX, C. H.**
Microwave Valves. 16 p2636 A67-30864
- DIXON-LEWIS, G.**
Flame structure and flame reaction kinetics. I. 14 p2409 A67-29064
- DIXON, A.**
A.T.C. displays. 09 p1529 A67-22646
- DIXON, E. O.**
Optical avalanche laser. 04 p0633 A67-15100
- DIXON, F. P.**
Manned interplanetary program planning. 13 p2210 A67-27546
- DIXON, H. H.**
Research and development problems involving the structure of the upper stages of cryogenic rockets /Forschungs- und Entwicklungsaufgaben an der Struktur kryogener Raketenobartufen/. 22 p3899 A67-39533
- DIXON, J. A.**
Chemical composition of Indochinites. 11 p1866 A67-24695
- DIXON, J. R.**
Fatigue crack propagation in metals. 05 p0924 A67-17333
- DIXON, L. C. W.**
Pontryagin's maximum principle applied to the profile of a beam. 19 p3340 A67-35524
- DIXON, M.**
A method of spacecraft attitude control. 01 p0157 A67-11445
- DIXON, R. J.**
Apparatus for studies of supersonic axisymmetric base flow. 02 p0230 A67-12361
- DIXON, R. W.**
Diffraction of light by elastic waves in

- YIG. 12 p1984 A67-25746
Optical investigation of magnetically induced elastic-wave dispersion in YIG. 22 p3855 A67-39358
- DIXON, S. C.
Growth rate of flutter amplitude for stressed panels. 14 p2399 A67-28139
- DIXON, S. L.
Fluid Mechanics, Thermodynamics of Turbomachinery. 15 p2418 A67-30395
- DIXON, T. F.
Present character and future thoughts on liquid propellant systems for maneuvering in space. 16 p2736 A67-30707
- DIXON, T. P.
A laser guidance system for rendezvous and docking. 04 p0655 A67-15663
- DIXON, W. J.
Major system design problems for deep space probes. [AIAA PAPER 66-887] 02 p0331 A67-12266
Major system design problems for deep space probes. 21 p3712 A67-37781
- DIXON, W. P.
Semiconductor surface thermocouples for determining heat-transfer rates. 18 p3048 A67-34103
- DJAIDON
Ionospheric data as obtained by a rocket in Indonesia. 19 p3219 A67-35232
- DJUBEK, J.
Deformation of rectangular slender webplates with boundary members flexible in the webplate plane. 03 p0525 A67-13898
- DLUGATCH, I.
Computer-aided design of space systems. [AIAA PAPER 67-956] 24 p4127 A67-43039
- DMITRENKO, I. M.
Dependence of a direct Josephson current on the magnetic field with screening taken into account /Zalezhnits' stalogo strumu Dzhozefsona vid magnitnogo polia pri vrakhuvanni/. 22 p3857 A67-39504
- DMITREVSKEY, S.
Noise properties of microwave maser oscillators. 16 p2685 A67-31055
- DMITRIEV, K. I.
Experimental investigation of MHD flows of liquid metal in a rectangular duct with conducting walls /Eksperimental'noe issledovanie magnitogidrodinamicheskogo techeniya zhidkogo metalla v priamougol'nom kanale s provodiashchimi stenkami/. 16 p2712 A67-30573
- DMITRIEV, L. I.
Effect of the rate of cooling from the homogenization temperature on the structure and properties of the alloy KhN77Tiur /E1437B/ /Vliyanie skorosti okhlazhdeniya ot temperatury gomogenizatsii na strukturu i svoystva splyva KhN77Tiur /E1437B/. 07 p1199 A67-19241
- DMITRIEV, S. P.
Solution of the optimal filtration problem if random signals change their properties at known time instants. 03 p0390 A67-13099
- DMITRIEV, V. G.
Observation of generation at the sum frequency in electro-optic nonlinear crystals. 06 p1009 A67-17754
- DMITRIEV, V. M.
An automatic frequency-control system using a superconducting resonator /Sistema avtomaticheskoi podstroiki chastoty s ispol'zovaniem sverkhprovodlashchego rezonatora/. 19 p3192 A67-34984
A discriminator with an I.F. error signal for automatic frequency control of a reflex klystron /Diskriminator s signalom oshibki na promezhutochnoi chastote dlia avtomaticheskoi podstroiki chastoty otrazhatel'nogo klstrona/. 19 p3228 A67-34991
- DMITRIEVA, I. D.
Vertical electron-temperature distribution according to geophysical-rocket observations in 1965 /Vysochnoe raspredelenie elektronnoi temperatury po opytam 1965 g. na geofizicheskikh raketakh/. 17 p2842 A67-32253
- DMITRIEVA, T. G.
Nature of the damage of high-strength glass and possibilities of protecting glass. 20 p3473 A67-36159
- DMITRIUK, G. N.
Quantitative evaluation of the life of metal-metal/polymer composite friction pairs. 08 p1334 A67-20597
- DMITRUK, M. L.
Surface photo emf in semiconductors with short-lived minority carriers /Poverkhneva foto-E.R.S. u napivprovodnikakh z malim chasom zhittia neosnovnikh nosliv strumu/. 04 p0686 A67-15969
- DMITRUK, N. L.
Conductivity of cleaved /110/ surfaces of GaAs /O provodimosti skolytykh /110/ poverkhnostei GaAs/. 13 p2174 A67-26371
Conductance of cleaved /110/ surfaces of GaAs. 21 p3680 A67-38326
- DNESTROVSKI, I. U. N.
Investigation of nonhomogeneous plasma stability by numerical methods. 19 p3292 A67-35393
- DNESTROVSKII, I. U. N.
On the flute instability in an unbalanced plasma. 01 p0126 A67-11299
Determination of the density of ionospheric plasma by the phase method. 07 p1173 A67-19701
Extraordinary wave and plasma wave near the lower hybrid frequency. 22 p3844 A67-39419
Cyclotron instability of a plasma in magnetic mirror machines. 22 p3852 A67-39988
- DOAN, A. S., JR.
Existence of metal carbide molecules in vapor state. 03 p0367 A67-13228
- DOANE, G. B., III
Discrete methods for the implementation of control networks using integrated circuitry. 22 p3800 A67-40184
- DOBATKIN, V. I.
Titanium alloy ingots /Slitki titanovykh splavov/. 03 p0447 A67-13925
- DOBBERTIN, P.
Influence of surface properties on the onset of bremsstrahlung and transient and plasma radiation /Einfluss von Oberflaechenbedeckungen auf die Auslesung von Uebergangs-, Brems- und Plasmastrahlung/. 02 p0291 A67-11737
- DOBBERTIN, R.
Kinetic equation for a completely ionized plasma /Une equation cinetique pour un plasma completement ionise/. 13 p2165 A67-26585
Calculation of the electrical conductivity of a completely ionized plasma, taking account of particle impenetrability /Calcul de la conductivite electrique d'un plasma completement ionise en tenant compte de l'impenetrabilite des particules/. 24 p4198 A67-42662
- DOBBINS, D. L.
Number density determination in the atmosphere of O sub 2, H sub 2 O and CO sub 2 gas constituents by use of a high intensity laser beam. 15 p2500 A67-29911
- DOBBINS, R. A.
Optical scattering cross sections for polydispersions of dielectric spheres. 01 p0115 A67-11077
Particle size measurements based on use of mean scattering cross sections. 01 p0070 A67-11078
Applications of light scattering in research and technology. 06 p1032 A67-18465
Remote size measurements of particulate products of heterogeneous combustion. 18 p3109 A67-33839
- DOBIAS, I.
A circuit for tracking the extremal values of courses simulated on an analog computer /Obvod pro sledovani extremnih hodnot prubehu, modelovanykh na analogovom pocitaci/. 23 p3976 A67-41339
- DOBKINS, J. H.
A mathematical model for the study of slosh effects on rendezvous dynamics. 22 p3888 A67-40189
- DOBNER, D. J.
An alternate form of the iterative guidance mode. 22 p3831 A67-39957
- DOBREGO, V. P.
Effect of single-axis compression on the radiative impurity recombination in germanium /Vlianie odnoosnogo szhatiya na mezhpriemenu izluchatel'nuiu rekombinatsiiu v germanii/. 15 p2537 A67-29705
Influence of uniaxial compression on the interimpurity radiative recombination in germanium. 24 p4199 A67-41775
- DOBRIAKOV, I. I.
Some peculiarities of a helicopter power plant using a turbine with direct rotor drive /Nekotorye osobennosti slovoi ustanovki vertoletov s turbinoi neposredstvennogo privoda nesushchego vinta/. 11 p1853 A67-24528
- DOBRIAKOVA, F. F.
Reflection of pulse signals from an inhomogeneous ionosphere during topside soundings /Otrazhenie impul'snykh signalov ot neodnorodnoi ionosfery pri zondirovani ee s vneshei storony/. 05 p0765 A67-17125
Reflection of pulse signals from an inhomogeneous ionosphere in topside soundings. 21 p3582 A67-38468
- DOBRODEEV, L. N.
Development of a method of approximating polynomials for computing the moments of non-linear systems' output coordinates. 09 p1525 A67-22079
- DOBROLUBOV, L. V.
Modeling of random numbers on an electronic digital computer /Modelirovani sluchainykh chisel na elektronnoi tsifrovoi mashine/. 07 p1147 A67-19226
- DOBRONRAVIN, P.
Optical tracking of distant space probes. 10 p1606 A67-23184
- DOBRONRAVOV, O. E.
Study of the dynamics of the operation of a system of pulsed potential elements operating on tunnel diodes /Issledovanie dinamiki raboty sistem impul'snopotentsial'nykh elementov na tunnel'nykh diodakh/. 05 p0772 A67-16451
- DOBRONRAVOVA, N. N.
Certain indices of the human natural immunity with respect to the substitution of Chlorella proteins for animal proteins in the dietary ration /Nekotorye pokazateli estestvennogo immuniteta pri zamene zhivotnogo belka v ratsione pitania belkami Khlorelli/. 20 p3368 A67-36269
- DOBRONRAVOV, B. M.
A study of low-thrust guidance. [AIAA PAPER 67-618] 19 p3260 A67-36007
- DOBRONRAVOV, N. A.
Existence of fireballs /O sushchestvovanii faierbola/. 02 p0314 A67-12745
On the existence of fireballs. 22 p3876 A67-40247
Mean characteristics of the process of multiple particle production at energies from 100 to 1000 Gev /Srednie kharakteristiki protsessa mnozhestvennogo rozhdeniya chastits pri energiyakh 100-1000 Gev/. 24 p4217 A67-42830
- DOBRONRAVOV, R. B.
Average energy of a bond between like atoms /homo-bonds/. 06 p0956 A67-18609
- DOBROV, N. N.
Ensuring radiation safety during flights of the spaceships "Voskhod" and "Voskhod 2" /Obespechenie radiatsionnoi bezopasnosti pri poletakh korabeli "Voskhod" i "Voskhod-2"/. 02 p0308 A67-12321
Provision for radiation safety in flights of "Voskhod" and "Voskhod-2" ships. 14 p2256 A67-27863
- DOBROVOLSKII, A. F.
Study of the temperature dependence of the thermal diffusivity of tantalum and niobium /Issledovanie temperaturnoi zavisimosti temperaturoprovodnosti tantala i niobila/. 11 p1804 A67-24035
- DOBROVOLSKII, A. G.
Slip casting of niobium carbide powders /Shlikerne lit'e poroshkov karbida niobila/. 20 p3466 A67-36909
- DOBROVOLSKII, O. V.
Visual photometry of comets /Vizual'naya fotometriya komet/. 05 p0890 A67-16331
Comets /Komety/. 07 p1247 A67-19300
- DOBROVOLSKII, V. M.
Investigation of the magnetic-field effect /Doslizhennia magnitopol'ovogo efektu/. 21 p3676 A67-37862
- DOBRUSHINA, I. A.
Thermal and elastic properties of a number of ternary diamond-like semiconductor compounds /Teplovyie i uprugie svoystva rjada troinykhalmazopodobnykh poluprovodnikovyykh soedinenii/. 18 p3096 A67-33452
- DOBRYNIN, B. M.
Measurement of shock-wave velocities /Izmerenie skorosti udarnoi volny/. 16 p2673 A67-31106
Method of measuring the emissivity and absorptivity of a gas in the wake of a shock-wave front /Metod izmereniya luchespuskatel'noi i pogloshchatel'noi sposobnosti gaza za frontom udarnoi volny/. 16 p2673 A67-31109
- DOBRYNIN, S. N.
Application of attenuating electron waves in crystals to the calculation of the current

- across an n-p junction /Primenenie zatukhalushchikh elektronnykh voln v kristallakh k raschetu toka cherez n-p-kontakt/. 13 p2172 A67-26354
- Application of damped electron waves in crystals to the calculation of the current through an n-p contact. 21 p3679 A67-38311
- DOBRZHANSKII, G. F.**
Stabilization of silver chloride crystals against solar radiation. 04 p0685 A67-15752
- DOBRZYCKA, M.**
Results of the analysis of a three year series of observations with the zenith telescope at Borowiec. 11 p1868 A67-25088
- DOBSON, C. D.**
The surface damage of high output gallium arsenide lasers. 10 p1665 A67-23520
- DOBSON, P. S.**
The influence of a dilute magnesium addition on the growth and shrinkage of dislocation loops in aluminum. 21 p3644 A67-38088
- DOBZHINSKII, B. N.**
Relationship between transmission bandwidth and delay time for a class of linear filters. 03 p0380 A67-13582
- DOCKERY, J. T.**
A Mars surface simulator - Design considerations. 02 p0230 A67-12350
- DOCKSER, R. D.**
Airline service abandonment and consolidation - A chapter in the battle against subsidization. 05 p0929 A67-16770
- DODD, J. L.**
Amplitude distributions of refractive index differences. 21 p3617 A67-38187
- DODD, R. T.**
Preferred orientation of olivine crystals in porphyritic chondrules. 16 p2619 A67-30986
- DODD, R. T., JR.**
Significance of iron-rich silicates in the Mezo-Madaras chondrite. [AFRL-67-0012] 07 p1256 A67-20013
- A survey of the unequilibrated ordinary chondrites. 16 p2750 A67-31451
- DODGE, F. T.**
A comparison of flexible and rigid ring baffles for slosh suppression. 15 p2470 A67-29438
- Experimental and theoretical studies of liquid sloshing at simulated low gravity. [ASME PAPER 67-APM-14] 17 p2840 A67-33147
- DODGE, K. W.**
A square root formulation of the Kalman-Schmidt filter. [AIAA PAPER 67-90] 06 p1023 A67-18277
- Numerical techniques and programming procedures for orbit determination. 09 p1467 A67-21835
- A square root formulation of the Kalman-Schmidt filter. 15 p2563 A67-30202
- DODGE, N. B.**
Evaluation of Faraday shielded stlx coils for ion cyclotron resonance heating of plasma. 02 p0279 A67-12685
- DODINGTON, S. H.**
Ground-based radio aids to navigation. 19 p3255 A67-35857
- DODSON, D. S.**
Thin-flame theory for a fuel droplet in slow viscous flow. 02 p0341 A67-11562
- DOEBELE, H. F.**
Experimental investigation of radial pressure distribution in a hydrogen arc located in an axial magnetic field. 19 p3279 A67-35139
- DOEHLER, H.**
Continuous electron beam processing plant for plane thin-film resistors. 04 p0600 A67-15479
- DOEHREN, H. H. V.**
A contribution to the production of Raney-Nickel anodes for fuel cells. 09 p1445 A67-22185
- DOEPKE, W.**
Structures and stereochemistry of clivonine and clivimine. 09 p1458 A67-22059
- DOERBECK, F. H.**
Electrochemically deposited Schottky contacts on GaAs. 03 p0494 A67-13484
- DOERING, J. P.**
Experimental measurement of the energy distribution of secondary electrons in an aurora. 03 p0418 A67-14357
- Low-energy, large-angle electron-impact spectrum of ethylene. 09 p1458 A67-22027
- DOETSCH, K. H.**
Encounter between man and machine in flight guidance /Die Begegnung zwischen Mensch und Maschine in der Flugfuehrung/. 02 p0185 A67-11551
- DOGAN, N.**
Daily and seasonal changes in the number of micrometeoritic particles and their origin /Sur les changements journaliers et saisonniers dans le nombre des particules micrometeoritiques et leur origine/. 19 p3327 A67-35878
- DOHERTY, R. H.**
Oblique incidence ionospheric reflections of 100 KHz pulses. 16 p2632 A67-31862
- DOHNANYI, J. S.**
Mass distribution of meteors. 24 p4225 A67-41828
- DOHNER, C.**
Fulfillment of safety criteria for orbital re-entry of radioactive power sources. [AIAA PAPER 67-966] 24 p4246 A67-43044
- DOHOO, R. M.**
Measurements of rainfall attenuation at 8 and 15 GHz. 16 p2625 A67-31341
- DOI, H.**
Characteristics of microwave plasma observed by spectroscopic and mass spectrometric methods. 23 p4034 A67-41435
- DOI, T.**
Peak effect in superconducting Nb-15 at. percent Zr-45 at. percent Ti alloys. 23 p4044 A67-41451
- DOINIKOV, L. I.**
Influence of certain impurities on the electric conductivity of arsenic selenides. 06 p1053 A67-18612
- DOKE, T.**
Observation of electron flux by L-3 rockets. 01 p0144 A67-10564
- Electronics system for a balloon borne experiment identifying nuclear charge of primary cosmic ray. 23 p4009 A67-41479
- DOKTOROV, A. L.**
Accuracy of simultaneous evaluation of two parameters of a radio signal in nonoptimum reception against a correlation noise background. 05 p0786 A67-17186
- Spectra and joint correlation function for PSK signal modulation. 10 p1604 A67-22979
- Asymmetry and kurtosis coefficients of a random process at the output of a matched filter /O koefitsientakh asimetrii i eksstessa sluchalnogo protsessa na vykhode sglasovannogo fil'tra/. 22 p3761 A67-39868
- DOKTOROV, M. E.**
Determination of the velocity field of the displacements of the bending elements of a sheet during its forming in the rollers of a profile-bending mill /Opredelenie polla skorosti peremeshchenii podgibaemykh elementov polosy pri ee formirovani i valkakh profilgibochno stana/. 21 p3631 A67-38052
- DOKUCHAEV, A. N.**
Effect of an oscillating field on the readings of a gyrocompass /Vlianie osttsillirulushchego polla na pokazaniia giroskopicheskogo kompasa/. 03 p0425 A67-14283
- DOKUCHAEV, L. V.**
Relative stability of motion of a body with a conical cavity containing an ideal fluid /Otnositel'no ustoiichivosti dvizheniia tela s ideal'noi zhidkost'iu, zapolniaushchei konicheskuiu polost'/. 10 p1679 A67-23031
- Motion of a gyroscope with a conical cavity filled with an ideal fluid /Dvizhenie volchka s konicheskoi polost'iu, zapolnennoi ideal'noi zhidkost'iu/. 15 p2518 A67-30171
- DOKUCHAEV, V. P.**
Contribution to the linear theory of flow past bodies - Method of power sources /K lineinomu teorii obtekaniiia tel - Metod silovykh istochnikov/. 05 p0749 A67-17006
- On the linearized theory of flow around bodies - Method of force sources. 18 p2984 A67-34268
- DOKUMACI, E.**
Matrix displacement analysis of coupled bending-bending vibrations of pretwisted blading. 23 p4078 A67-41329
- DOLAN, J. F.**
The polarization of celestial X-rays. 14 p2381 A67-28617
- DOLAN, P.**
On Marx's variational principle. 03 p0468 A67-13392
- DOLCIMASCOLO, T. J.**
Quantitative reliability prediction. 01 p0085 A67-11379
- DOLE, S. H.**
Contingency planning for space-flight emergencies. [AIAA PAPER 67-825] 24 p4116 A67-42972
- DOLEZAL, V.**
The excretion of neutral 17-ketosteroids 3-methoxy-4-hydroxymandelic acid, 3-methoxy-4-hydroxyphenyl-acetic acid and mucoproteins in urine during pressure breathing. 22 p3752 A67-40538
- DOLEZALEK, H.**
On the measurement of electric fields in space. 06 p0993 A67-17582
- DOLGAI, ZH. A.**
Effect of precrystallization heating on the variation of the elastic characteristics and the structure of cold-rolled titanium and zirconium /Vlianie dorekristallizatsionnogo nagreva na izmenenie uprugikh kharakteristik i strukturu kholodnokatanogo titana i tsirkoniia/. 08 p1342 A67-21003
- DOLGAL, T. V.**
Effect of deformation conditions on the heat resistance and softening of nickel /Vlianie rezhimov deformatsii na razuprochnenie i zharoprochnost' nikela/. 16 p2687 A67-30846
- DOLGINOV, A. Z.**
Movement of cosmic particles in a random magnetic field /Dvizhenie kosmicheskikh chastits v sluchainom magnitnom pole/. 05 p0878 A67-16094
- Multiple particle scattering in a magnetic field with random inhomogeneities /Mnogokratnoe rasseliatie chastits v magnitnom pole so sluchainymi neodnorodnostiami/. 06 p1037 A67-18800
- Radiative transfer in a finite medium. 09 p1531 A67-21631
- Formation of dust particles in a comet atmosphere as a result of gas condensation /Obrazovanie pylnok v atmosfere komety v rezul'tate kondensatsii gaza/. 15 p2552 A67-29153
- Multiple scattering of particles in a magnetic field with random inhomogeneities. 18 p3083 A67-34419
- Motion of cosmic particles in interplanetary magnetic fields /Dvizhenie kosmicheskikh chastits v magnitnykh polakh mezplanetnoi sredy/. 23 p4056 A67-41105
- Motion of cosmic particles in a random magnetic field. 24 p4213 A67-42770
- Grain formation in a comet atmosphere through condensation of gas. 24 p4239 A67-43076
- DOLGINOV, SH. SH.**
Measurements of the magnetic field in the vicinity of the moon by the artificial satellite Luna 10 /Izmereniia magnitnogo polla v okrestnosti luny na iskusstvennom sputnike Luna-10/. 01 p0150 A67-10909
- Study of the magnetic field from the Luna 10 orbiter /Issledovanie magnitnogo polla so sputnika "Luna-10"/. 05 p0887 A67-16056
- Effects of the external sources of the geomagnetic field at the altitude of the F2 layer. I /Ob effektakh vneshnikh istochnikov magnitnogo polla na vysotakh sloia F2. I/. 05 p0800 A67-17119
- A survey of the earth's magnetosphere in the region of the radiation belt /3-6 R sub E/ from February to April 1964. 12 p1997 A67-25814
- Possible interpretation of measurement results obtained with the near-lunar satellite Lunik 10 /Vozmozhnaia interpretatsiia rezul'tatov izmerenii na okololunnom sputnike "Luna-10"/. 16 p2755 A67-31889
- Investigation of the magnetic field by Luna-10. 21 p3701 A67-37843
- Effects of external sources of the magnetic field at F sub 2 -layer heights. I. 21 p3618 A67-38462
- DOLGINTSEVA, G. IA.**
Solution of the optimal filtration problem if random signals change their properties at known time instants. 03 p0390 A67-13099
- DOLGOPOLOV, N. N.**
High-frequency electrodeless plasmatron for atmospheric pressure /Vysokochastotnyi bezelektroodnyi plazmatron pri atmosfernom davlenii/. 17 p2897 A67-32175
- DOLGOPOLOV, V. V.**
Resonance absorption of low-frequency wave energy in a cold inhomogeneous plasma. 06 p1039 A67-18078
- Cyclotron resonance in a cold rotating plasma. 20 p3497 A67-36677
- Cyclotron resonance in a cold rotating plasma /O tsiklotronnom rezonanse v kholodnoi vrashchalushcheisya plazme/. 21 p3669 A67-38679
- DOLGOV-SAVELEV, G. G.**
Oscillatory structure of a quasi-steady-

- state MHD shock wave in a plasma /Ostlilatornala struktura kvazistatsionarnoi magnitno-gidrodinamicheskoi udarnoi volny v plazme/. 24 p4195 A67-41937
- DOLGOVA, A. M.**
Heat resistance of chromium steels subjected to prolonged tests. 06 p1018 A67-18228
- DOLGOVA, E. I.**
Critical frequencies of the unperturbed F2 layer in the years of maximum solar activity /Kriticheskie chastoty nevozmushchennogo sloia F2 v gody maksimuma solnechnoi aktivnosti/. 21 p3622 A67-39035
- DOLIER, B.**
Analog magnetic recording in ground telemetry stations /Enregistrement magnetique analogique dans les stations sol de telemesure/. 03 p0418 A67-12896
- DOLIN, L. S.**
Propagation of a narrow beam of light in a medium with strongly anisotropic scattering. 18 p3080 A67-34438
- DOLINSKAIA, R. A.**
References on heat and mass transfer /Bibliografiia po teplo-i massoobmenu/. 15 p2580 A67-29780
- DOLINSKII, V. M.**
Axisymmetrically loaded circular plate on a nonlinearly elastic base /Kruglaia osesimmetrichno nagruzhennala plastinka na nelineino-uprugom osnovanii/. 20 p3539 A67-36923
- DOLINSKY, A.**
Coupling of longitudinal and transverse modes in a Vlasov plasma. 18 p3092 A67-34745
- DOLIQUE, J. M.**
Some extensions of Ohm's law in gases. 19 p3287 A67-35358
Simulator for the study of antennas in an ionized medium /Simulateur pour etude d'antennes en milieu ionise/. 21 p3664 A67-38214
- DOLIQUE, J.-M.**
Design and construction of a very intense source of negative hydrogen ions /H super - / /Conception et realisation d'une source tres intense d'ions d'hydrogene negatifs H super -/. 05 p0851 A67-16597
- DOLIUK, V. A.**
Three-phase AC plasmatrons /Trehfaznye plazmatrony peremennogo toka/. 09 p1446 A67-22326
- DOLKART, V. M.**
Microminaturized aerospace digital computers /Mikrominialiturnye aerokosmicheskie tsifrovye vychislitel'nye mashiny/. 21 p3588 A67-38765
- DOLKAS, C. B.**
Effects of combined linear and vibratory accelerations on human body dynamics and pilot performance. 02 p0189 A67-12409
Acceleration stress effects on pilot performance and dynamic response. 17 p2808 A67-33176
- DOLL, J. R.**
Three-impulse interplanetary rendezvous trajectories. 22 p3887 A67-40137
- DOLL, R.**
Properties of the solutions of the nonlinearized Ginsburg-Landau equations in cylindrical symmetry /Eigenschaften der Loesungen der nichtlinearisierten Ginsburg-Landau-Gleichungen in Zylindersymmetrie/. 03 p0499 A67-13876
Superheating in cylinders of pure superconducting tin. 23 p4044 A67-41441
- DOLLE, R. E.**
Physical, chemical, and mechanical characteristics of a polyphenyl ether. 14 p2341 A67-28953
Amine-tin antioxidant systems for aliphatic hydrocarbons and related alkyl-substituted fluids. 20 p3474 A67-37594
- DOLLFUS, A.**
Lunar geological research /Recherche geologique lunaire/. 04 p0699 A67-15064
Nature of the lunar soil /La nature du sol lunaire/. 08 p1395 A67-21160
A new satellite of Saturn /Un nouveau satellite de Saturne/. 11 p1866 A67-24770
Rotation and cartography of Mercury /La rotation et la cartographie de la planete Mercure/. 18 p3125 A67-34191
The discovery of Janus, Saturn's tenth satellite. 20 p3527 A67-37399
- DOLLMORE, G. P.**
Practical applications of planning development programmes and new management techniques. 11 p1885 A67-24655
The state of the art in management studies applicable to aerospace activities. 15 p2583 A67-29669
- DOLUKHANOV, M. P.**
Effect of the finite dimensions of the aperture of an antenna in a vertical plane on the conditions of propagation of ultrashort waves within the limits of direct visibility /O vliianii konechnykh razmerov apertury anteny v vertikal'noi ploskosti na uslovia rasprostraneniia UKV v predelakh priamoii vidimosti/. 11 p1757 A67-23918
The effect of the finite dimensions of the aperture of an antenna in the vertical plane on the conditions for line of sight USW propagation. 21 p3600 A67-38944
- DOLZHIKOV, V. V.**
Comparison of linear and smooth multimode junctions. 02 p0215 A67-11914
- DOMALSKI, E. S.**
The heats of combustion of polytetrafluoroethylene /teflon/ and graphite in elemental fluorine. 15 p2433 A67-29765
The heat of formation of boron trifluoride by direct combination of the elements. 16 p2820 A67-31782
Heats of formation of aluminum diboride and alpha-aluminum dodecaboride. 22 p3758 A67-39766
- DOMANEVSKII, D. S.**
Recombination radiation in GaAs excited by fast electrons /Rekombinatsionnoe izluchenie v GaAs pri vzbuzhdenii bystryimi elektronami/. 13 p2173 A67-26359
Recombination radiation in GaAs excited with fast electrons. 21 p3680 A67-38316
- DOMANITSKII, S. M.**
Method for investigating the reliability of complex logic-control systems by a statistical-analog technique /Ob odnom sposobe issledovaniia nadezhnosti slozhnykh sistem logicheskogo upravleniia metodom statisticheskogo modelirovaniia/. 23 p3985 A67-41670
- DOMARKAS, V. I.**
Equivalent quadrupoles of piezotransducers for the analysis of ultrasonic systems /Ekvivalentnye chetyrekhpolusniki p'ezopreobrazovatelei dlia analiza ultrazvukovykh sistem/. 20 p3401 A67-37454
- DOMASHEVSKAIA, E. P.**
X-ray spectral study of the nature of the chemical bonds in certain semiconductor compounds of type A super III B super V /Rentgenospektral'noe issledovanie kharaktera khimicheskoi svyazi v nekotorykh poluprovodnikovykh soedineniakh tipa A super III B super V/. 18 p3095 A67-33443
- DOMBROVSKII, V. A.**
Methods of polarimetric comet studies /O metodike polarimetriceskikh issledovanii komet/. 05 p0890 A67-16334
- DOMCHICK, R.**
Superconducting high-Q radio-frequency circuit using niobium stannide above 4.2 deg K. 11 p1767 A67-24726
High circuit Q's with niobium stannide at radio frequencies. 22 p3865 A67-40435
- DOMINAS, L. V.**
Plate cascade in a subsonic unsteady gas flow /Reshetka plastin v dozvukovom nestatsionarnom potoke gaza/. 06 p0935 A67-17729
- DOMINI, R. G.**
Gyroscopes for space missions. 14 p2322 A67-29084
- DOMOGATSKII, G. V.**
Interaction between solar neutrinos and electrons /Vzaimodelstvie solnechnykh neutrino s elektronami/. 02 p0317 A67-12776
Interaction of solar neutrinos with electrons. 22 p3877 A67-40278
- DOMSHLAK, M. P.**
The problem of verifying the permissible doses of ionizing radiation for space-vehicle crews /Problema obosnovaniia dopustimykh doz ioniziruiushcheli radiatsii dlia chlenov ekipazha kosmicheskikh korabeli/. 16 p2617 A67-30764
- DOMVILLE, A. R.**
Measurements of the reflection from the ground of S-band signals. 04 p0572 A67-15035
- DONACHIE, M. J.**
Phase reactions in B-1900 nickel-base alloy from 1600 to 1800 deg F. 02 p0256 A67-12706
- DONACHIE, M. J., JR.**
Some effects of microstructure on the mechanical properties of nickel-base superalloys. 08 p1340 A67-20362
- Effects of turbine atmospheres on sulfidation corrosion. 11 p1808 A67-24790
[ASME PAPER 87-GT-2]
The effects of microstructural variations on stress-corrosion cracking susceptibility of Ti-8Al-1Mo-IV alloy on marinated gas turbines. 11 p1808 A67-24793
[ASME PAPER 87-GT-5]
Progress in the development of high strength titanium alloys. 17 p2874 A67-32985
[SAE PAPER 870335]
Oxidation and sulfidation corrosion of nickel base superalloys. 23 p4020 A67-41406
[ASM PAPER C6-18.5]
- DONADIEU, L.**
Studies of the stabilization of superconducting coils /Etudes sur la stabilisation des bobines supraconductrices/. 16 p2607 A67-30593
- DONAHUE, T. M.**
On the measurement of sodium dayglow emission by means of a Zeeman photometer. 03 p0409 A67-12945
The problem of sodium distribution. 10 p1645 A67-23262
Distribution of sodium in the daytime upper atmosphere as measured by a rocket experiment. 15 p2475 A67-29616
- DONAHUE, W. T.**
"Structuro shape" - A reinforced thermoflexible plastics sheet. 24 p4176 A67-42423
- DONALD, R. G.**
A complementary integrated circuit structure. 01 p0033 A67-10021
- DONALDSON, E. E., JR.**
The effect of mixer interference characteristics on the prediction of spurious response levels. 20 p3405 A67-37848
- DONALDSON, I. F.**
A flight plan processing system with high continuity of service. 09 p1531 A67-22856
- DONALDSON, I. S.**
On the separation of a supersonic flow at a sharp corner. 14 p2240 A67-28111
- DONALDSON, J. C.**
A practical circuit for integral majority-voting logic elements. 18 p3007 A67-34664
- DONALDSON, R. W.**
Automatic, real time data acquisition and processing for ATS communications experiments. 08 p1298 A67-20669
Communication via the auditory, tactile, and kinesthetic senses. 12 p1907 A67-26081
Approximate formulas for the information transmitted by a discrete communication channel. 12 p1908 A67-26088
- DONALDSON, W.**
Radio diameter measurements with interferometer baselines of one million and two million wavelengths. 09 p1565 A67-21980
- DONAT, C.**
Random-load fatigue tests on a fail-safe structural model. 23 p4076 A67-40735
- DONAT, R. C.**
Fatigue failure of a redundant structure. 10 p1718 A67-23432
- DONATH, W. E.**
An automatic integrated circuit mask artwork generating system. 18 p3055 A67-34558
- DONDES, S.**
New uses for nuclear energy in outer space. 15 p2558 A67-29962
[AAS PAPER 87-115]
- DONEGAN, D. G.**
Quality requirements for space /man rated/ reliability. 05 p0788 A67-16621
- DONER, D. R.**
Longitudinal shear loading of a unidirectional composite. 08 p1420 A67-20908
Combined bending and axial loading of a layered cylinder exhibiting multilinear material behavior. 10 p1724 A67-23706
Transverse normal loading of a unidirectional composite. 14 p2398 A67-28098
- DONG, S. B.**
Analysis of laminated shells of revolution. 03 p0524 A67-13787
Behavior of laminated orthotropic viscoelastic plates. 22 p3914 A67-40108
- DONHAM, R. E.**
Analysis of stowed rotor aeroelastic characteristics. 11 p1744 A67-24590
Aerodynamic considerations of stopping a rotor in flight. 16 p2595 A67-31821
[AHS PAPER 104]
Extending helicopter speed performance. 21 p3567 A67-38015
- DONIGER, J.**
Some automatic landing system design

- considerations for scheduled operations.
[AIAA PAPER 67-406] 15 p2516 A67-30373
- DONIN, V. I.**
High-current continuous-operation cathodes for an argon-ion laser /Sil'notochnye katody nepreryvnogo deistviya dlya lazera na ionakh argona/. 22 p3817 A67-40413
- DONISOV, I. U. N.**
Experimental determination of polytrope index values for gas detonation products /Eksperimental'noe opredelenie velichiny pokazatelya politropy dlya produktov gazovoi detonatsii/. 05 p0927 A67-16999
- DONLEY, J. L.**
Observations of the polar ionosphere in the altitude range 2000 to 3000 km by means of satellite borne electron traps. 19 p3215 A67-35174
- DONN, B.**
Interpretation of the continuous spectra of comets. 07 p1250 A67-19668
Photolysis of gaseous benzene at 1470 angstrom units. 22 p3757 A67-39443
- DONN, B. D.**
Wavelength dependence of interstellar polarization by graphite grains. 01 p0150 A67-10890
- DONNE, M. D.**
Experimental local heat-transfer and average friction coefficients for subsonic turbulent flow of air in an annulus at high temperatures. 06 p1117 A67-18386
A nozzle thermocouple for measurements in high-temperature gases. 13 p2121 A67-27464
- DONNELLY, J. P.**
The capacitance of p-n heterojunctions including the effects of interface states. 10 p1612 A67-23372
- DONNELLY, R. J.**
Magnetohydrodynamic lubrication flow between parallel plates. 04 p0627 A67-14461
Experimental Superfluidity. 15 p2517 A67-29265
The magnetohydrodynamic thrust bearing. 24 p4162 A67-42566
- DONNO, G. F.**
The hovercraft noise problem. 06 p0946 A67-17915
- DONO, N. R.**
Computer-aided transistor design, characterization, and optimization. 17 p2823 A67-32198
- DONOHUE, J.**
Admittance of a slot antenna following R.F. voltage breakdown. 05 p0775 A67-16947
Pulsed-R.F. slot-antenna breakdown in air. 07 p1153 A67-19607
Pulsed-R.F. slot-antenna breakdown controlled by preionization and diffusion. 11 p1758 A67-24126
Experimental determination of the mutual admittance of slot antennas. 19 p3194 A67-35516
- DONOHUE, R. K.**
Some electromagnetic compatibility grounding and shielding considerations in titanium aircraft structures. 20 p3405 A67-37643
- DONOVAN, B.**
The Faraday effect in cylindrical waveguides. 14 p2270 A67-28522
- DONOVAN, R. P.**
Oxidation. 18 p3096 A67-33454
- DONSELMAN, R. W.**
Ballistic-range blast traversal testing. [AIAA PAPER 66-777] 17 p2832 A67-32063
- DONSKOI, A. V.**
High-frequency plasma devices /Vysokochastotnye plazmennyye ustroystva/. 09 p1547 A67-22322
- DONSKOI, K. V.**
Results of a study of the problem of the magnetohydrodynamic conversion of energy /Nekotorye rezul'taty issledovaniya problemy magnitogidrodinamicheskogo preobrazovaniya energii/. 16 p2608 A67-30600
Electrical conductivity measurements in a shock tube by the induction method /Izmerenie elektroprovodnosti v udarnoi trube induktsionnym metodom/. 16 p2673 A67-31111
- DONTH, E.**
Thermodynamic investigation of the singularity properties of the critical point /Thermodynamische Untersuchung der Singularitaetseigenschaften des kritischen Punktes/. 13 p2230 A67-27725
- DONTSOVA, V. V.**
Study of the divergence of the radiation of helium-neon lasers. 24 p4169 A67-42891
- DOOLEY, D. J.**
Integrating space telemetry systems with compatible thin films on silicon. 16 p2641 A67-31559
- DOOLEY, H. H.**
Radioisotopes for lighting. 05 p0842 A67-16543
- DOOLEY, J. L.**
Two-stroke light-aircraft engine potential. 12 p1989 A67-25496
- DOOLEY, J. T.**
Doppler study of the motion of clear air targets. 04 p0569 A67-14684
- DOOLIN, B. F.**
Attitude stabilization of satellites with gimbaled star trackers. 22 p3830 A67-39170
- DORAN, J. A.**
Bistatic determination of epsilon and mu for a smooth convex target. 01 p0020 A67-10014
- DORE, B. D.**
The upstream influence ahead of a weak, uniformly moving shock or expansive wave. 21 p3615 A67-39089
- DOREY, J.**
Plasma sheath of models in hot-shot wind tunnels. 11 p1839 A67-24445
Use of hot-shot wind tunnels to study ionized wakes /Utilisation des souffleries a arc bref pour l'etude des sillages ionises/. [ONERA-TP-455] 15 p2416 A67-29380
Characterization of re-entry plasmas in hypersonic hot-shot wind tunnels. 23 p3986 A67-40574
- DORF, R. C.**
The design of an attitude control system for a space vehicle. 02 p0331 A67-12160
The application of sensitivity methods to the control of adaptive systems. 08 p1308 A67-20318
Modern Control Systems. 11 p1769 A67-24062
Modern Control Systems. 16 p2643 A67-30621
- DORFMAN, A. SH.**
Calculation of losses in diffusers. 04 p0548 A67-15601
Effect of geometrical parameters of curvilinear annular diffusers on diffuser effectiveness /Vliyanie geometricheskikh parametrov krivolineynykh kol'tsevykh diffuzorov na ikh effektivnost'/. 06 p0942 A67-18553
Flow of a conducting fluid in a flat channel of arbitrary shape /Tehenie provodiashego zhidkosti v ploskom kanale proizvol'noi formy/. 06 p1043 A67-18676
- DORFMAN, J. R.**
Transport coefficients for dense gases. 11 p1823 A67-24538
- DORFMAN, L. A.**
Flow of a viscous fluid in a cylindrical vessel with a rotating cover /Tehenie vliazkoi zhidkosti v tsilindricheskom sosude s vrashchalushchelsia kryshkoi/. 03 p0401 A67-12871
Heat transfer in a viscous fluid flow between a fixed screen and a rotating disk during blowing /Teploobmen pri techenii vliazkoi zhidkosti mezhdu nepodvizhnym ekranom i vrashchalushchimsia diskom pri ego obduve/. 03 p0536 A67-13611
Integration of the equations of the boundary layer formed upon rotating an axially symmetric body in an unbounded stationary medium. 13 p2095 A67-26900
Flow and heat transfer on a viscous fluid layer on a rotating disk /Tehenie i teploobmen v sloe vliazkoi zhidkosti na vrashchalu diske/. 13 p2224 A67-27050
Heat exchange when a viscous liquid is flowing between a stationary baffle and a rotating disk with a gas blowing onto it. 18 p3161 A67-34476
Effect of centripetal radial blowing on the flow and heat transfer near a rotating screened disk /Vliyanie tsentrostremitel'nogo radial'nogo vduva na techenie i teploobmen vbliz vrashchalushchegosia ekranirovannogo diska/. 20 p3357 A67-36794
- DORFMAN, L. G.**
Electrical parameters of a slotted waveguide bridge section /Ob elektricheskikh parametrokh volnovodnogo shchelevogo mosta/. 04 p0582 A67-15147
Electrical properties of certain symmetrical eight-poles. 04 p0586 A67-15673
Wide-band miniature bridge for UHF and SHF /Shirokopolosnyi malogabaritnyi most dlya UVCh i SVCh/. 11 p1757 A67-23911
Electric parameters of a waveguide slot bridge. 15 p2443 A67-29334
Broadband miniature bridge for the UHF and microwave bands. 21 p3600 A67-38939
- DORIAN, M. F.**
A new technique for the scheduling and simulation of manned orbital operations. [AIAA PAPER 66-907] 02 p0230 A67-12249
- DORIER, B.**
Despune antenna system for satellites /Systeme d'antenne contre-rotative pour satellites/. 21 p3591 A67-38204
- DORIN, V. A.**
Defects in the p-n junction and current drift in selenium rectifiers. 20 p3508 A67-36403
- DORKO, E. A.**
Vapor-phase infrared spectrum of trimethylenecyclopropane. 04 p0566 A67-15511
- DORLEAC, B.**
Positioning of a European synchronous satellite by the ELDO-A booster /Mise a poste d'un satellite geostationnaire europeen par le lanceur ELDO A/. 01 p0156 A67-11418
Utilization of high energy liquid propellants /Utilisation des propergols liquides a haute energie/. 16 p2760 A67-30703
- DORLHAC, F.**
Experimental study of the characteristics of a hydraulic circuit useful for later development of apparatus for measuring local velocities in magnetohydrodynamic flows /Etude experimentale des caracteristiques d'un circuit hydraulique, utilisable pour la mise au point ulterieure d'appareillages de mesures de vitesses locales dans des ecoulements magnetohydrodynamiques/. 13 p2185 A67-26593
Study and experimental perfecting of an apparatus for measuring local velocities in magnetohydrodynamic flows /Etude et mise au point experimentale d'un appareillage destinee a la mesure de vitesses locales des ecoulements magnetohydrodynamiques/. 13 p2167 A67-27206
- DORLING, E. B.**
The acquisition and processing of data from the Ariel 1 and Ariel 2 satellites. 04 p0568 A67-14437
- DORMAN, I. V.**
Properties of interplanetary space according to data concerning the 11-year cosmic-ray variations in the large-and small-energy ranges /Svoystva mezplanetnogo prostranstva po dannym ob 11-letnikh variatsiyakh kosmicheskikh luchei v oblasti bol'shikh i mal'nykh energii/. 05 p0880 A67-16115
Solar wind properties obtained from the study of the 11-year cosmic-ray cycle. I. 11 p1855 A67-23930
Propagation of energetic particles through interplanetary space according to the data of 11-yr cosmic ray variations. 12 p1991 A67-25115
Relation between experimental data on the 11-year variations and mechanisms of the integral modulation of galactic cosmic rays in interplanetary space /Eksperimental'nye dannyye po 11-letnim variatsiyam i mekhanizmy integral'noi modulatsii galakticheskikh kosmicheskikh luchei v mezplanetnom prostranstve/. 17 p2932 A67-32083
Nature of the time lag of variations in cosmic-ray intensity relative to variations in solar activity /O prirode zapazdyvaniya izmenenii intensivnosti kosmicheskikh luchei otoslit'no izmenenii solnechnoi aktivnosti/. 17 p2933 A67-32087
Energy spectrum of primary cosmic rays in the range of very small energies outside the solar system /Ob energeticheskoy spektre pervichnykh kosmicheskikh luchei v oblasti ochen' mal'nykh energii za predelami solnechnoi sistemy/. 23 p4054 A67-41097
Nature of the 11-year variations of cosmic rays and the properties of the solar wind /Priroda 11-letnikh variatsii kosmicheskikh luchei i svoystva solnechnogo vetra/. 23 p4056 A67-41106
Preliminary results of a study of the cosmic-ray distribution in the Eastern part of the USSR by a SibIZMIR expedition /Predvaritel'nye rezul'taty issledovaniya ekspeditsiei SibIZMIR raspredeleniya kosmicheskikh luchei v vostochnoi chasti SSSR/. 23 p4060 A67-41138
Properties of interplanetary space according to data on the 11-year variations of high and low energy cosmic

- rays. 24 p4214 A67-42791
Preliminary results of investigation of the spatial-rigidity distribution of cosmic ray intensity by the 1965 expedition of the Siberian Institute of Terrestrial Magnetism, the Ionosphere and Radiowave Propagation of the USSR Academy of Sciences. 24 p4215 A67-42800
- DORMAN, J.**
Navigation at sea by satellite. 05 p0839 A67-17388
- DORMAN, L. I.**
Method of introducing barometric corrections in data on cosmic ray intensity /K metodike vvedeniya barometricheskikh popravok v dannye intensivnosti kosmicheskikh luchei/. 02 p0307 A67-11667
Solar cosmic rays from the flare of 28 September 1961 and the properties of interplanetary space. 02 p0310 A67-12575
Motion of a magnetic particle in the earth's dipole field. 02 p0311 A67-12585
Modulation of the solar-diurnal effect and the possibility of distinguishing the sidereal time variation in cosmic-ray intensity. 02 p0311 A67-12594
27-day variations of cosmic ray anisotropy according to neutron component observations at mountain stations of the world network. 02 p0312 A67-12600
World increases in cosmic ray intensity and their connection with geomagnetic disturbances. 02 p0312 A67-12601
Planetary distribution and possible interpretation of sudden increases in cosmic ray intensity detected by the world network, but not associated with visible formations on the sun. 02 p0312 A67-12602
Problem of the Dirac monopole /K voprosu o monopole Diraka/. 02 p0271 A67-12751
Cosmic-ray variations, their classification and origin /Variatsii kosmicheskikh luchei, ikh klassifikatsiya i proiskhozhdenie/. 05 p0877 A67-16082
Study of the temporal variations of the nuclear flux of primary cosmic radiation on the satellites Elektron 2 and 4 /Issledovanie vremennykh izmenenii potoka iader pervichnogo kosmicheskogo izlucheniya na sputnikakh Elektron-2 i Elektron-4/. 05 p0877 A67-16085
Taking into account the effect of currents in the Akasofu-Chapman model radiation belt on the cutoff rigidity of cosmic rays /Uchet vliyaniya tokov v model'nom radiatsionnom polase Akasofu-Chapmena na zhestkost' otsekania kosmicheskikh luchei/. 05 p0880 A67-16111
Relation between the cutoff rigidity of cosmic rays and the MacIlwaine L-parameter /Svlyaz' zhestkostei obrezaniya kosmicheskikh luchei s L-parametrom Makilvalna/. 05 p0880 A67-16113
Calculations of asymptotic directions of cosmic rays for Soviet cosmic-ray stations /O raschetakh asimptoticheskikh napravlenii kosmicheskikh luchei dlia Sovetskikh stantsii kosmicheskikh luchei/. 05 p0880 A67-16114
Properties of interplanetary space according to data concerning the 11-year cosmic-ray variations in the large- and small-energy ranges /Svoistva mezplanetnogo prostranstva po dannym ob 11-letnikh variatsiyakh kosmicheskikh luchei v oblasti bol'shikh i mal'nykh energii/. 05 p0880 A67-16115
Sudden changes in cosmic-ray intensity /Vnezapnye izmeneniya intensivnosti kosmicheskikh luchei/. 05 p0881 A67-16118
Solar diurnal variation of the intensity of the cosmic-ray neutron component in the Antarctic during 1963 and 1964 /Solnechno-sutochnaya variatsiya intensivnosti neitronnoi komponenty kosmicheskikh luchei v Antarktide v 1963-1964 gg./. 05 p0881 A67-16119
Presence of anisotropy of cosmic rays with energies in the range from 10 super 10 to 10 super 12 ev in galactic space /K voprosu o nalichii anizotropii kosmicheskikh luchei s energiei 10 super 10-10 super 12 ev v galakticheskoy prostranstve/. 05 p0881 A67-16120
Forbush effect in September and October 1962 /Forbush-effekt v Sentyabre-Oktubre 1962 g./. 05 p0881 A67-16121
27-day cosmic-ray variations in relation to solar and geomagnetic activities /27-dnevnyye variatsii kosmicheskikh luchei v svyazi s solnechnoi i geomagnitnoi aktivnostiyami/. 05 p0881 A67-16122
Spectrographic measurements of cosmic-ray variations using the method of atmospheric absorption /Spektrograficheskie izmereniya variatsii kosmicheskikh luchei metodom pogloshcheniya v atmosfere/. 05 p0881 A67-16123
Preliminary results of a study of the spatial rigidity distribution of cosmic-ray intensity by the SibIZMIR-AN-SSSR expedition in 1965 /Predvaritel'nye rezul'taty issledovaniya ekspeditsiei SibIZMIR AN SSSR v 1965 g. prostranstvenno-zhestkostnogo raspredeleniya intensivnosti kosmicheskikh luchei/. 05 p0881 A67-16124
Determination of the coupling coefficients of the cosmic-ray neutron component according to data obtained by the schooner Zaria /Opredelenie koefitsientov svyazi neitronnoi komponenty kosmicheskikh luchei po dannym shkhuny "Zaria"/. 05 p0882 A67-16125
Latitude effect of cosmic rays according to the results of stratospheric measurements in 1964-1965 - Spectrum of 11-year variations /Shirotnyi effekt kosmicheskikh luchei po dannym izmerenii v stratosfere 1964-1965 gg. - Spektr 11-letnikh variatsii/. 05 p0882 A67-16127
Barometric effect of cosmic rays with allowance for changes in the primary spectrum and cutoff rigidity /Barometricheskii effekt kosmicheskikh luchei s uchedom izmenenii pervichnogo spektra i zhestkosti obrezaniya/. 05 p0884 A67-17136
Quasi-spiral nature of the change in the 27-day cosmic-ray variation with solar activity /Kvazispiral'nyi kharakter izmeneniya 27-dnevnoi variatsii kosmicheskikh luchei s solnechnoi aktivnost'yu/. 05 p0884 A67-17137
Seasonal changes in solar diurnal and semidiurnal cosmic-ray variations /Sezonnye izmeneniya solnechnosutochnoi i polusutochnoi variatsii kosmicheskikh luchei/. 05 p0885 A67-17138
Cosmic-ray trajectories in a geomagnetic field, represented with a high degree of accuracy. 07 p1243 A67-19685
Method of determining solar cosmic-ray spectra in the high-energy range. 07 p1243 A67-19805
Role of the geometry of the solar system in ground observations of cosmic-ray variations. 07 p1243 A67-19807
Determination of the true waves and the parameters of simultaneous amplitude-phase modulation of cosmic-ray variations from experimental data concerning satellites /Nakhozhdenie istinnnykh voln i parametrov odnovremennoi amplitudno-fazovoi modulatsii periodicheskoi variatsii kosmicheskikh luchei po eksperimental'nyim dannym o satelitakh/. 10 p1698 A67-22779
Possibilities of detecting cosmic-ray-intensity variations with respect to sidereal time /Vozmozhnosti vydeleniya variatsii intensivnosti kosmicheskikh luchei po zvezdnomu vremeni/. 10 p1698 A67-22780
Limit energy of a monopole in the field of the earth's magnetic dipole /Predelnaya energiya monopola v pole magnitnogo dipolia zemli/. 10 p1631 A67-22800
Solar wind properties obtained from the study of the 11-year cosmic-ray cycle. 11 p1855 A67-23930
Sounding of interplanetary space by solar cosmic rays. 12 p1991 A67-25111
Propagation of energetic particles through interplanetary space according to the data of 11-yr cosmic ray variations. 12 p1991 A67-25115
Relation of weak cosmic-ray bursts to A sub p characteristics of the geomagnetic activity and the propagation in interplanetary space of energetic solar cosmic rays. 12 p1992 A67-25116
Dependence of cosmic ray intensity in interplanetary space upon the earth's heliographic latitude. 12 p1992 A67-25120
Mathematical expectancy of the distribution of harmonic coefficients when they are determined from 12 ordinates, and comparison with experiment. 13 p2191 A67-26565
Motion of a monopole in the field of a magnetic dipole /Dvizhenie monopola v pole magnitnogo dipolia/. 14 p2378 A67-27920
Annual cosmic-ray variations and changes in the cosmic radiation intensity as a function of the earth's heliographic latitude /Godovye variatsii kosmicheskikh luchei i izmeneniye intensivnosti kosmicheskoi radiatsii v funktsii gelioshiroty zemli/. 15 p2550 A67-30012
Method of introducing barometric corrections into cosmic-ray intensity data. 16 p2738 A67-31082
Statistical analysis of solar-diurnal variations of cosmic rays from directional-telescope and neutron-monitor data /Statisticheskii analiz solnechno-sutochnoi variatsii kosmicheskikh luchei po dannym napravlennykh teleskopov i neitronnykh monitorov/. 17 p2931 A67-32078
Solar-diurnal variations of cosmic rays in July 1959 /Solnechno-sutochnaya variatsiya kosmicheskikh luchei v Iulye 1959 g./. 17 p2931 A67-32079
Diurnal and semidiurnal variations of cosmic-ray intensity in connection with solar and magnetic activity /Sutochnye i polusutochnye variatsii intensivnosti kosmicheskikh luchei v svyazi s magnitnoi i solnechnoi aktivnostiyami/. 17 p2932 A67-32081
Relation between the frequency distribution of sudden changes in cosmic-ray intensity and the solar-diurnal variation /Raspredelenie chastoty vnezapnykh izmenenii intensivnosti kosmicheskikh luchei i solnechnosutochnaya variatsiya/. 17 p2932 A67-32082
Relation between experimental data on the 11-year variations and mechanisms of the integral modulation of galactic cosmic rays in interplanetary space /Eksperimental'nye dannye po 11-letnim variatsiyam i mekhanizmy integral'noi modulatsii galakticheskikh kosmicheskikh luchei v mezplanetnom prostranstve/. 17 p2932 A67-32083
Tendency toward a 27-day cycle of phenomena of the electromagnetic complex for the period with the most pronounced effect of the rotation of the sun in cosmic rays /O tendentsii 27-dnevnoi povtorlaemosti iavlenii elektromagnitnogo kompleksa dlia perioda s nalibolee vyrazhennym efektom vrashcheniya solntsa v kosmicheskikh luchakh/. 17 p2932 A67-32084
27-day cosmic-ray variations and the radius of the effective volume of the asymmetrical solar wind from magnetic discontinuities /27-Dnevnyye variatsii kosmicheskikh luchei i radius effektivnogo ob'ema asimmetrichnogo solnechnogo vetra magnitnykh neodnorodnostei/. 17 p2932 A67-32085
The influence of the variation of the earth's heliographic latitude on cosmic-ray intensity during 1963 and 1964 and evaluation of the cosmic-ray-intensity gradient perpendicular to the plane of the ecliptic /Vliyanie izmeneniya gelioshiroty zemli na intensivnost' kosmicheskikh luchei v 1963-1964 gg. i otsenka perpendikulyarnogo k ploskosti ekliptiki gradienta intensivnosti kosmicheskikh luchei/. 17 p2932 A67-32086
Nature of the time lag of variations in cosmic-ray intensity relative to variations in solar activity /O prirode zapazdyvaniya izmenenii intensivnosti kosmicheskikh luchei otositel'no izmenenii solnechnoi aktivnosti/. 17 p2933 A67-32087
Asymptotic directions of cosmic rays for the Soviet station network /Asimptoticheskie napravleniya kosmicheskikh luchei dlia Sovetskoi seti stantsii/. 17 p2933 A67-32091
Latitudinal effect of the neutron component from measurements performed on the schooner "Zaria" in 1960 /Shirotnyi effekt neitronnoi komponenty po izmereniyam na shkhune "Zaria" v 1960 g./. 17 p2933 A67-32092
Measurements of the latitude effect and coupling coefficients of the inclined component of cosmic rays /Izmereniya shirotnogo efekta i koefitsientov svyazi naklonnoi komponenty kosmicheskikh luchei/. 17 p2933 A67-32093
The penumbra and the variation of the effective geomagnetic-cutoff rigidity of cosmic rays with a cut-off of the primary spectrum in the presence of a constant geomagnetic field /Penumbra i izmenenie effektivnoi zhestkosti geomagnitnogo obrezaniya kosmicheskikh luchei s izmeneniem pervichnogo spektra pri postoiannstve geomagnitnogo polia/. 17 p2934 A67-32094
Present status of the problem of the generation of solar cosmic rays

/Sovremennoe sostoyaniye voprosa o generatsii solnechnykh kosmicheskikh luchei/. 17 p2934 A67-32095

Some questions concerning the observation of solar cosmic rays /Nekotorye voprosy issledovaniya solnechnykh kosmicheskikh luchei/. 17 p2934 A67-32096

Theory of the interaction between electric and magnetic charges /K teorii vzaimodelstviya elektricheskogo i magnitnogo zaryadov/. 17 p2883 A67-32100

Electric dipole moment of a neutrino /Ob elektricheskoy dipol'noy momente neitrino/. 17 p2887 A67-32101

Methodological questions involved in studying cosmic-ray variations /Metodicheskiye voprosy issledovaniya variatsii kosmicheskikh luchei/. 17 p2934 A67-32103

Theory of meteorological effects in the meson component of cosmic rays, taking into account elementary-event data /Teoriya meteorologicheskikh effektivov v mezonnoi komponente kosmicheskikh luchei s uchetom dannykh ob elementarnom akte/. 17 p2934 A67-32104

Determination of the barometric effect of cosmic rays with the aid of a partial barometric coefficient /Opredeleniye barometricheskogo effekta kosmicheskikh luchei s pomoshch'yu partial'nogo barometricheskogo koeffitsienta/. 17 p2934 A67-32105

Simultaneous amplitude-phase modulation of periodic cosmic-ray variations by two frequencies /Amplitudnofazovaya modulyatsiya periodicheskikh variatsii kosmicheskikh luchei odnovremennno dvumya chastotami/. 17 p2934 A67-32106

Cosmic-ray variations as a combination of causal effects and random processes /Variatsii kosmicheskikh luchei kak sovokupnost' prichinnykh iavlenii i sluchainykh protsessov/. 17 p2935 A67-32107

Obtaining information about the parameters of cosmic-ray variations by methods of the theory of random processes /Polucheniye informatsii o parametrah variatsii kosmicheskikh luchei metodami teorii sluchainykh protsessov/. 17 p2935 A67-32108

Cosmic-ray modulation in interplanetary space - Basic equations determining the behavior of galactic and solar cosmic rays in interplanetary space - Anisotropic-diffusion approximation /Modulyatsiya kosmicheskikh luchei v mezplanetnom prostranstve - Osnovnyye uravneniya, opredelyayushchie povedeniye galakticheskikh i solnechnykh kosmicheskikh luchei v mezplanetnom prostranstve - Priblizheniye anizotropnoi difфузии/. 17 p2935 A67-32109

The latitude distribution, integral multiplicities and coupling coefficients for the neutron, total ionizing and hard components of cosmic rays. 19 p3316 A67-35563

Barometric effect of cosmic rays with allowance for the variations of the primary spectrum and of the cutoff. 21 p3698 A67-38479

Quasi-spiral character of the change of the 27-day cosmic-ray variation with solar activity. 21 p3698 A67-38480

Influence of a penumbra on the effective cutoff rigidity of cosmic rays /Vliyaniye penumbry na effektivnuyu zhestkost' obrezaniya kosmicheskikh luchei/. 21 p3699 A67-39017

Increase in the cosmic-ray intensity before Forbush effects /O vozrastanii intensivnosti kosmicheskikh luchei pered Forbush-effektami/. 21 p3699 A67-39029

Seasonal changes of the solar-diurnal and semidiurnal cosmic-ray variations. 21 p3700 A67-39048

Concerning the Dirac monopole. 22 p3841 A67-40253

Energy spectrum of primary cosmic rays in the range of very small energies outside the solar system /Ob energeticheskoy spektre pervichnykh kosmicheskikh luchei v oblasti ochen' mal'kikh energii za predelami solnechnoi sistemy/. 23 p4054 A67-41097

Nature of the 11-year variations of cosmic rays and the properties of the solar wind /Priroda 11-letnykh variatsii kosmicheskikh luchei i svoystva solnechnogo veta/. 23 p4056 A67-41106

Twenty-seven-day cosmic-ray-intensity variations and the structure of solar

corpuscular fluxes /27-Dnevnyye variatsii intensivnosti kosmicheskikh luchei i struktura korpuskulyarnykh potokov ot solntsa/. 23 p4056 A67-41110

Investigations of the neutron component of cosmic rays at atmospheric depths from 260 to 315 mb /Issledovaniya neitronnoi komponenty kosmicheskikh luchei na glubinah atmosfery 260 - 315 mbar/. 23 p4057 A67-41119

Nature of the cosmic-ray anisotropy in the solar system /O prirode anizotropii kosmicheskikh luchei v solnechnoi sisteme/. 23 p4058 A67-41121

Solar diurnal variations and sudden changes in cosmic-ray intensity /Solnechno-sutochnyye variatsii i vnezapnyye izmeneniya intensivnosti kosmicheskikh luchei/. 23 p4058 A67-41123

Distribution of the power of the source of the solar diurnal cosmic-ray variation in relation to the ecliptic plane as a function of solar activity /Raspreделение moshchnosti istochnika solnechnosutochnoi variatsii kosmicheskikh luchei otosnitsya k ploskosti ekliptiki v zavisimosti ot solnechnoi aktivnosti/. 23 p4058 A67-41125

Yearly modulation of the amplitude of the diurnal cosmic-ray variation due to geometric factors /Godovaya modulyatsiya amplitudy sutochnoi variatsii kosmicheskikh luchei vsledstvie geometricheskikh faktorov/. 23 p4058 A67-41126

Sidereal diurnal variations of cosmic rays /O zvezdosutochnoi variatsii kosmicheskikh luchei/. 23 p4058 A67-41128

Annual cosmic-ray variations and their relation to active formations on the sun /Godovyye variatsii kosmicheskikh luchei i ikh svyaz's aktivnymi obrazovaniyami na solntse/. 23 p4059 A67-41132

Latitude distribution and coupling coefficients for the neutron and total ionizing cosmic-ray components /Shirotnoe raspredeleniye i koeffitsienty svyazi dlia neitronnoi i obshchei ionizuyushchei komponenty kosmicheskogo izlucheniya/. 23 p4059 A67-41136

East-West asymmetry effect in cosmic rays according to crossed-telescope measurements in 1965 /Effekt vostochnozapadnoi assimetrii v kosmicheskikh luchakh po izmereniyam skreshchennymi teleskopami v 1965 g./. 23 p4060 A67-41137

Preliminary results of a study of the cosmic-ray distribution in the Eastern part of the USSR by a SibIZMIR expedition /Predvaritel'nye rezul'taty issledovaniya ekspeditsiei SibIZMIR raspredeleniya kosmicheskikh luchei v vostochnoi chasti SSSR/. 23 p4060 A67-41138

Determination of the true waves and parameters of simultaneous amplitude-phase modulation of the periodic cosmic-ray variation from experimental data on side frequencies. 24 p4209 A67-42115

Possibility of determining cosmic-ray variation intensity from stellar time. 24 p4209 A67-42116

Maximum energy of the monopole in the field of the earth's magnetic dipole. 24 p4150 A67-42137

Variations of cosmic rays - Their classification and origin. 24 p4212 A67-42758

Investigation of time variations of the flux of nuclei in primary cosmic radiation with the aid of Elektron II and Elektron IV. 24 p4212 A67-42761

Calculation of the influence of the currents in the Akasofu-Chapman model radiation belt on the cosmic ray cutoff rigidity. 24 p4214 A67-42787

Relation between the cutoff rigidity and the McIlwain parameter. 24 p4214 A67-42789

On calculations of the asymptotic directions of cosmic rays for Soviet CR stations. 24 p4214 A67-42790

Properties of interplanetary space according to data on the 11-year variations of high and low energy cosmic rays. 24 p4214 A67-42791

Sudden changes in cosmic ray intensity. 24 p4214 A67-42794

Solar-diurnal variation of the neutron component of cosmic rays in the Antarctic during 1963-1964. 24 p4214 A67-42795

Concerning the anisotropy of 10 super 10 - 10 super 12 ev cosmic rays in galactic space. 24 p4214 A67-42796

The Forbush decrease of Sept.-Oct.

1962. 24 p4214 A67-42797

27-day cosmic ray variations in relation to solar and geomagnetic activities. 24 p4214 A67-42798

Spectrographic measurements of cosmic ray variations by an atmospheric absorption method. 24 p4214 A67-42799

Preliminary results of investigation of the spatial-rigidity distribution of cosmic ray intensity by the 1965 expedition of the Siberian Institute of Terrestrial Magnetism, the Ionosphere and Radiowave Propagation of the USSR Academy of Sciences. 24 p4215 A67-42800

Determination of the coupling coefficients for the neutron component of cosmic rays on the basis of the data collected by the schooner "Zarya". 24 p4215 A67-42801

Cosmic ray latitude effect according to 1964-1965 measurements in the stratosphere - Spectrum of the 11-year variations. 24 p4215 A67-42803

DORMAN, M. I.

Mean number of random-process ejections at a receiver output /Srednee chislo vybrosov sluchainogo protssesa na vykhode priemnogo ustroystva/. 06 p0965 A67-18897

Combined frequency modulation of the carrier by a periodic signal and noise /Sovmestnaya chastotnaya modulyatsiya nesushchei periodicheskimi signalom i shumom/. 18 p3001 A67-34177

Information transmission in systems with a resolving feedback during double signal modulation /Peredacha informatsii v sistemakh s reshalushchei obratnoi svyaz'yu pri dvoynoi modulyatsii signala/. 24 p4122 A67-42378

DORMONT, H.

Contribution to the derivation of a new kinetic equation /Contribution a l'etablissement d'une nouvelle equation cinetique/. 17 p2883 A67-32290

DORNACH, J. E.

Ultraviolet Investigations for lunar missions. 08 p1331 A67-21079

DOROFEEV, E. V.

Investigation of a conical induction plasma source. 04 p0668 A67-15280

DOROFEEV, V. G.

Experimental study of the distribution of pulse values on the walls of cylindrical shells during instantaneous release of energy /Eksperimental'noye issledovanie raspredeleniya velichin impul'sov na stenkakh tsilindricheskikh obolochek pri mgnovennom vydelenii energii/. 21 p3611 A67-38056

DOROFEEV, V. I.

Energy-mass analyzer for investigating pulsed ion flows /Energo-mass-analizator dlia issledovaniya impul'snykh potokov ionov/. 24 p4158 A67-42741

DOROGOV, B. S.

Optimal parameters of refrigeration units using a heat-emitting regenerative gas cycle /Optimal'nye parametry kholodil'nykh ustanovok, rabotayushchikh po gazovomu regenerativnomu tsiklu s izlucheniem tepla/. 10 p1596 A67-23022

DORON, E.

Mountain lee waves in the Middle East - Theoretical calculations compared with satellite pictures. 21 p3655 A67-38578

DOROSHENKO, A. N.

Observation of the curvature distortion in spectral lines of a high-frequency pulsed plasma. 08 p1358 A67-20854

DOROSHENKO, A. V.

Neutron diffraction study of ordered Ni-Mn alloys. 05 p0863 A67-16758

DOROSHENKO, V. E.

Two modes of operation of a combustion chamber model as a self-oscillating thermoacoustic system /O dvukh rezhimakh raboty model'noi kamery sgoraniya kak termoakusticheskoi avtokolebatel'noi sistemy/. 11 p1884 A67-24958

DOROSHEVICH, M. M.

Thermoelectrical analogies /O teploelektricheskikh analogiyakh/. 22 p3837 A67-40213

DOROSHEVICH, A. G.

Model of a universe with a uniform magnetic field. 07 p1248 A67-19482

Neutrinos and gravitons in the anisotropic model of the universe. 10 p1708 A67-23334

Creation of galaxies in an expanding universe /Vozniknoveniye galaktik v rasshirayushcheysya vselennoi/. 15 p2551 A67-29138

- The gravitational instability of anisotropic homogeneous solutions. 18 p3133 A67-34432
The origin of galaxies in an expanding universe. 24 p4239 A67-43061
- DOROZHKIN, N. IA.**
Experimental determination of the hydrodynamic coefficients for a cylindrical cavity with radial partitions /Eksperimental'noe opredelenie gidrodinamicheskikh koeffitsientov dlia tsilindricheskoi polosti pri nalichii v nei radial'nykh peregorodok/. 10 p1624 A67-23032
- DORRELL, B. H.**
Approximate molecular orbitals. 03 p0474 A67-14352
- DORRENBACHER, C. J.**
Evolution of the systems approach. 13 p2231 A67-27513
Impact of performance improvements and reuse on the cost of space transportation. [AAS PAPER 67-130] 15 p2570 A67-29966
- DORRI, M. KH.**
Approximate solution on an analog computer of certain partial differential equations of heat exchange. 10 p1608 A67-23323
- DORSCH, R. G.**
Frequency response of a forced-flow single-tube boiler. 22 p3916 A67-39390
- DORY, J.**
Fatigue tests using ultrasound /Essais de fatigue par ultra-sons/. 02 p0338 A67-12043
- DOSANJH, D. S.**
Sound generation by shock-vortex interaction. 10 p1625 A67-23117
Transversely impinging, two-dimensional jet flows. 14 p2303 A67-28325
- DOSHCHINSKII, G. A.**
Experimental study of plastic deformations under complex loading /Eksperimental'noe issledovanie plasticheskikh deformatsii pri slozhnom nagruzhenii/. 03 p0530 A67-14169
- DOSS, T. T.**
Measurements of beam divergence of Q-switched ruby laser rods. 10 p1667 A67-23782
- DOTE, T.**
Characteristic of a cylindrical probe in a low density plasma. 04 p0663 A67-14766
A method for determination of the electron densities from data of the resonance probe. 10 p1610 A67-22951
Characteristics of plasma resonance probe and RF impedance probe in a magnetic field. 20 p3503 A67-37670
- DOTSENKO, V. I.**
Method for measuring laser frequency variations /Ob odnom metode izmeneniia chastoty opticheskikh kvantovykh generatorov/. 03 p0433 A67-13094
- DOTTORE, R. A.**
Effect of -7G sub x acceleration on renal excretion of solutes in rabbits. 07 p1134 A67-19861
- DOTTORI, H. A.**
Spectral classification /Clasificacion espectral/. 24 p4227 A67-41967
- DOU, A.**
Method of undetermined coefficients in linear differential systems and the matrix equation $YB - AY$ equals F . 01 p0105 A67-10729
- DOUCE, J. L.**
A sharp cut-off filter employing a nonlinear element. 03 p0386 A67-13981
The use of pseudo-random signals in adaptive control. 07 p1181 A67-19205
On-line system identification in the presence of drift. 15 p2461 A67-30322
- DOUCET, H.**
Ionic electrostatic instability in a cesium plasma cylinder /Instabilite electrostatique ionique dans un cylindre de plasma de cesium/. 19 p3292 A67-35390
- DOUCHEZ, M.**
Study of Transfers in the Mechanics of Single-Phase Fluids. Volume 2 - Boundary Layer, Experimental Results /Etude des Transferts en Mecanique des Fluides Monophasiques. Volume 2 - Couche Limite, Resultats Experimentaux/. 13 p2222 A67-28736
- DOUGAL, A. A.**
Input power induced thermal effects related to transition time between avalanche and second breakdown in p-n silicon junctions. 02 p0222 A67-12650
Evaluation of Faraday shielded stix coils for ion cyclotron resonance heating of plasma. 02 p0279 A67-12685
Comparison of numerical calculations and measured space-time resolved plasma properties of a dynamical theta pinch. [AIAA PAPER 66-151] 04 p0664 A67-14822
Field range and resolution in holography. 06 p1004 A67-18543
Experimental investigation of harmonic ion cyclotron wave propagation and attenuation. 13 p2163 A67-26287
1967 SWIEEEO Record, Institute of Electrical and Electronics Engineers, Annual Southwestern Conference and Exhibition, 19th, Dallas, Tex., April 19-21, 1967, Technical Program Papers. 15 p2450 A67-29901
Mach-Zehnder optical interferometry of laser induced discharges in high pressure gases. 15 p2488 A67-29903
Laser oscillation on electronic transitions in neutral N sub 2 and CO. 15 p2500 A67-29910
Investigation of strong blast waves and the dynamics of laser induced plasmas in high pressure gases. [AIAA PAPER 67-696] 21 p3672 A67-38725
Inexpensive, high vacuum, high voltage, electric feedthrough. 22 p3774 A67-40348
- DOUGHERTY, E. M.**
Environmental testing of engines, spacecraft and components at Arnold Engineering Development Center. 05 p0788 A67-16619
- DOUGHERTY, H. J.**
Synthesis of optimal feedback control systems subject to parameter variations. 16 p2647 A67-31641
- DOUGHERTY, H. T.**
Determination of antenna height for protection against microwave diffraction fading. 09 p1464 A67-22444
- DOUGHERTY, J. D.**
Cardiovascular findings in air traffic controllers. 07 p1134 A67-19859
- DOUGHERTY, J. E.**
Safety considerations for passengers and crew. [AIAA PAPER 66-844] 03 p0360 A67-14015
- DOUGHERTY, J. H., JR.**
Effect of isolation in a constant environment on periodicity of physiological functions and performance. 23 p3959 A67-41697
- DOUGHERTY, J. P.**
Model Fokker-Planck equations. 22 p3843 A67-39265
Model Fokker-Planck equations. 22 p3843 A67-39266
- DOUGHERTY, R. C.**
Numerical Fourier transform calculations for pulse testing procedures. 17 p2883 A67-32018
- DOUGHTY, J. O.**
Experimental evaluation of viscoelastic theories. 19 p3210 A67-35614
- DOUGLAS, B. C.**
Orbital resonance caused by tesseral harmonics. 02 p0328 A67-12400
Preliminary orbit determination for lunar satellites. 22 p3879 A67-39310
Satellite motion about an oblate planet for low and moderate eccentricities. 22 p3880 A67-39313
- DOUGLAS, F. C.**
Characterization of the Fe-Fe sub x Sb eutectic system with respect to structure and ferromagnetic properties. 23 p4039 A67-40884
- DOUGLAS, G. W.**
The relation between flame shape and chamber combustion efficiency for a flame stabilized by an opposed-jet flameholder. [AIAA PAPER 67-472] 18 p3157 A67-33942
- DOUGLAS, J. A. V.**
Revelstoke - A new type I carbonaceous chondrite. 24 p4233 A67-42618
- DOUGLAS, J. F.**
Investigation into the behaviour of a jet interaction proportional amplifier. 08 p1282 A67-20460
- DOUGLAS, J. N.**
Interplanetary scintillation in Jovian decametric radiation. 17 p2944 A67-32643
Time structure of Jupiter's decametric emission. 21 p3710 A67-38998
- DOUGLAS, J. JR.**
The stability of the boundary in a Stefan problem. 18 p3071 A67-33664
The Cauchy problem for the heat equation. 23 p4081 A67-40860
- DOUGLAS, N. J.**
Laboratory and flight test program to evaluate the space stability of highly specular reflective surfaces. 17 p2832 A67-32060
Solar wind-plus-ultraviolet exposure studies on spacecraft thermal control coatings using in-situ optical property measurement techniques. 24 p4174 A67-42040
- DOUGLAS, R. W.**
The nature of the glassy state. 13 p2143 A67-26696
- DOUGLAS, T. B.**
Relative enthalpy of beryllum 1-1-aluminate, BeO/Al sub 2 O sub 3, from 273 to 1173 deg K - Thermodynamic properties from 273 to 2150 deg K. 15 p2508 A67-29764
Measured relative enthalpy of anhydrous crystalline aluminum trifluoride, AlF sub 3, from 273 to 1173 deg K and derived thermodynamic properties from 273 to 1600 deg K. 16 p2620 A67-31761
- DOUGLASS, D. A.**
Agena Gemini rocket engine - Hard start problem resolved during project sure fire. [AIAA PAPER 67-259] 07 p1241 A67-20046
- DOUGLASS, D. H., JR.**
Superconductive pairing across electron barriers. 18 p3101 A67-33988
Effect of dielectric and high-resistivity barriers on the superconducting transition temperature of thin films. 18 p3101 A67-33989
- DOUGLASS, D. R.**
Mission risk appraisal. 18 p3163 A67-34682
- DOUGLASS, W. M.**
Aerodynamic installation of high-bypass-ratio fan engines. [SAE PAPER 660732] 01 p0140 A67-10632
- DOVE, D. B.**
Demagnetizing fields in thin magnetic films. 24 p4204 A67-42338
- DOVE, G. T.**
Problems encountered in the integration of a 100 MHz counting circuit. 14 p2280 A67-28012
- DOVE, J. E.**
Mass spectrometric observation of ions formed during shock wave heating of gaseous krypton and xenon. 05 p0795 A67-17440
- DOVE, W. F.**
Velocity determination by the measurement of the induced potential in a nonuniform plasma flow. 12 p1973 A67-25392
- DOVERSPIKE, L. D.**
Collision-induced dissociation of D sub 2 super plus ions by argon and nitrogen. 05 p0848 A67-16834
Energetic and angular studies of ArD super plus and N sub 2 D super plus formation. 05 p0848 A67-16835
Experimental investigations of ion-molecule reactions of D sub 2 super plus with D sub 2 and H sub 2. 18 p3083 A67-34521
- DOVGII, IA. O.**
Investigation of the self-absorption edge of red mercury sulfide single crystals /Doslidzhennia kraiu vlasnogo poglinannia monokristaliv chervonoi sirchisto rutli/. 02 p0300 A67-12476
- DOVZHENKO, O. I.**
Device for automatic determination of the angles of slope of the axes of extensive air showers of cosmic rays /Ustroistvo dlia avtomaticheskogo opredeleniia uglov naklona osel shirokikh atmosferykh livnei kosmicheskikh luchei/. 03 p0425 A67-14263
A device for automatic determination of the slopes of the axes of extensive air showers of cosmic rays. 14 p2321 A67-28775
- DOW, D. G.**
The achievement of high efficiency in Gunn effect devices. 10 p1616 A67-23535
- DOWD, P. J.**
Habituation transference in Coriolls acceleration. 23 p3953 A67-41585
- DOWDEN, R. L.**
Micropulsation "nose whistlers" - A helium explanation. 05 p0803 A67-17406
Possible helium ion effects in micropulsation spectrograms. 13 p2108 A67-26326
- DOWELL, E. H.**
Nonlinear oscillations of a fluttering plate. II. [AIAA PAPER 67-13] 06 p1101 A67-18252
Generalized aerodynamic forces on a flexible plate undergoing transient motion. 08 p1424 A67-21433
On the flutter of multibay panels at low supersonic speeds. 12 p2030 A67-25930
On the nonlinear flexural vibrations of

- rings. 17 p2963 A67-33032
Aerodynamic forces of an oscillating cylindrical duct with an internal flow. 20 p3357 A67-37003
Response of plates to fluid loading. 20 p3539 A67-37009
Nonlinear oscillations of a fluttering plate. II. [AIAA PAPER 67-13] 21 p3727 A67-38870
- DOWLEY, M. W.**
Laser-produced dielectric breakdown in liquids with resulting absorption of a secondary light beam. 11 p1801 A67-24560
Two-photon laser excitation of polycyclic aromatic molecules. 23 p4013 A67-40964
- DOWLING, J. E.**
The site of visual adaptation. 06 p0953 A67-18643
- DOWLING, J. M.**
The techniques of high resolution, double-beam, two-beam interferometry with a far infrared lamellar grating interferometer. 20 p3438 A67-36347
- DOWLING, J., JR.**
Atomic and molecular species. 04 p0660 A67-14692
Second-order scattering contributions to the earth's radiance in the middle ultraviolet. 04 p0613 A67-14696
- DOWNEY, J.**
Lunar ground data required for interpretation of AES orbital experiments. 08 p1392 A67-21078
- DOWNEY, J. A., III**
Scientific exploration of the moon using a roving vehicle. 08 p1316 A67-21085
- DOWNEY, J., III**
Post-Apollo lunar mission planning. 22 p3888 A67-40144
- DOWNING, R. G.**
Annealing of radiation damage in lithium doped silicon. 23 p4047 A67-41525
- DOWTY, E. L.**
Theoretical pressure histories for cryogenic fuel tanks. [AIAA PAPER 67-338] 12 p2039 A67-26052
Generalized solutions for transient heat conduction with variable conductivity. 22 p3916 A67-39481
- DOYEN, G.**
Improvement in devices for measuring winds and diffraction of radioelectric waves in the ionosphere /Un perfectionnement des dispositifs de mesure des vents et de la diffraction des ondes radioelectriques dans l'ionosphere/. 03 p0406 A67-12819
- DOYLE, F. J.**
Mapping of the land from space. [AAS PAPER 67-106] 15 p2478 A67-29960
- DOYLE, H. M.**
Adhesive bonding for metal-lined filament-wound cryogenic pressure vessels. 23 p4010 A67-41347
- DOYLE, J. M.**
A displacement potential representation. 03 p0524 A67-13661
- DOYLE, M. D. C.**
Circumferential asymmetry in axial flow compressors. 01 p0008 A67-11272
- DOYLE, N. J.**
The solid-solubility of oxygen in Nb and Nb-rich Nb-Hf, Nb-Mo alloys. I. 22 p3823 A67-40209
The solid-solubility of oxygen in Nb and Nb-rich Nb-Hf, Nb-Mo alloys. II. 22 p3823 A67-40210
The solid-solubility of oxygen in Nb and Nb-rich Nb-Hf, Nb-Mo alloys. III. 22 p3823 A67-40211
The solid solubility of nitrogen in Nb and Nb-rich Nb-Hf, Nb-Mo alloys. I. 24 p4172 A67-41976
The solid solubility of nitrogen in Nb and Nb-rich Nb-Hf, Nb-Mo alloys. II. 24 p4172 A67-41977
- DOYLE, W. M.**
Generation of combination tones by the interaction of orthogonal oscillations in a gas laser. 13 p2126 A67-27015
- DOYON, L. R.**
On the question of M incentive contracting. 18 p3163 A67-34700
- DRAAYER, J. P.**
Spin-matrix polynomial development of the Hamiltonian for a free particle of arbitrary spin and mass. 11 p1824 A67-25074
- DRABBE, J.**
The ordinals in inner models of the set theory /Les ordinaux dans les modeles internes de la theorie des ensembles/. 04 p0646 A67-15608
- DRAWOWITCH, S.**
Optimization of a cold antenna by the use of multimode sources /Optimisation d'une antenne froide par l'emploi de sources multimodes/. 12 p1913 A67-25307
- DRACHINSKII, A. S.**
Brittle fracture at grain boundaries in molybdenum /O khrupkom razrushenii v molibdene po granitsam zeren/. 13 p2130 A67-26447
- DRACHMAN, R. J.**
Positron annihilation in helium. 01 p0116 A67-10141
Isospin mixing in deuteron reactions. 02 p0270 A67-12526
- DRAEGER, W. C.**
Present and future forestry applications of remote sensing from space. [AIAA PAPER 67-765] 24 p4258 A67-42934
- DRAGA, A. D.**
Subsonic compressible flow around a profile obtained by a conformal transformation of a particular type /Asupra miscarii compresibile subsonice in jurul unor profile obtinute prin transformari conforme de un tip particular/. 05 p0749 A67-16845
- DRAGANU, M.**
Remarks on the static theory of oscillations of a relativistic plasma in a uniform magnetic field. I /Quelques remarques sur la theorie statistique des oscillations d'un plasma relativiste dans un champ magnetique uniforme. I/. 03 p0477 A67-13510
Semi-phenomenological theoretical analysis of Alfvén waves in a plasma of finite electrical conductivity /Sur l'analyse theorique demi-phenomenologique des ondes Alfvén dans un plasma a conductivite electrique finie/. 20 p3496 A67-36271
- DRAGESCO, J.**
Observations of Jupiter in 1965-1966 /Observations de Jupiter en 1965-1966/. 15 p2558 A67-30025
- DRAGICHESKU, D.**
Development of a two-dimensional dynamic theory for cylindrical shells with the aid of the asymptotic integration of equations of the theory of elasticity /Postroenie dvumernoi dinamicheskoi teorii tsilindricheskikh obolochek pri pomoshchi asimptoticheskogo integrirvaniia uravnenii teorii uprugosti/. 12 p0209 A67-25636
- DRAGOS, L.**
Effect of the electrode tips on fluid flow in the channels of magnetohydrodynamic generators. I /Sur l'influence des extremités des electrodes sur l'écoulement magnetohydrodynamique dans les canaux/. 01 p0121 A67-10227
Cauchy problem in the case of a compressible fluid of negligible electrical resistivity /Le probleme de Cauchy dans le cas du fluide compressible a resistivite electrique negligeable/. 01 p0121 A67-10257
Effect of the electrode tips on fluid flow in the flow in the channels of magnetohydrodynamic generators. /Sur l'influence des extremités des electrodes sur l'écoulement magnetohydrodynamique dans les canaux/. 01 p0124 A67-10753
Study of the effect of finished electrode ends on the flow in an MHD generator /Etude de l'effet des extremités des electrodes finies sur l'écoulement dans un generateur magnetohydrodynamique/. 09 p1549 A67-22563
Influence of the electrical conductivity tensor on the flow in an MHD generator /Influence du tenseur conductivite electrique sur l'écoulement dans un generateur magnetohydrodynamique/. 09 p1550 A67-22575
First approximation for flows in magnetohydrodynamic nozzles with end effects /Sur la premiere approximation pour les écoulements dans les tuyeres magnetohydrodynamiques avec effets d'extremités/. 09 p1550 A67-22589
Flow of a fluid with finite electrical conductivity in the presence of a thin profile /L'écoulement d'un fluide a conductivite electrique finie, en presence d'un profil mince/. 24 p4199 A67-43080
- DRAIGOR, D. A.**
A method of investigating sintered material surfaces. 19 p3247 A67-35849
- DRAIN, D.**
Neutron induced displacement number in silicon. 03 p0494 A67-13481
- DRAIN, D. I.**
Method of relating modal damping to local dampers in lumped-parameter systems. 10 p1729 A67-23770
- DRAKE, F. D.**
Prospects in the search for extraterrestrial civilizations. [AAS PAPER 66-78] 07 p1255 A67-20001
Improbability of non-thermal radio emission from Venus water clouds. 20 p3529 A67-37480
An evolutionary sequence for strong radio sources. 23 p4069 A67-41361
- DRAKE, G. L.**
Selection of an oxygen regenerating system to meet the demands of a multi-mission program. [SAE PAPER 670849] 24 p4115 A67-42000
Contributions of a developmental integrated life support system to aerospace technology. [AIAA PAPER 67-924] 24 p4117 A67-43020
- DRAKE, K. W.**
An adaptive machine for fault detection or process control. 02 p0243 A67-12144
- DRAKIN, I. I.**
Design calculation and choice of the material of the thermal insulation of flight vehicles /Proektirovochnyi raschet i vybor materiala teplovoi izoliatsii letatel'nykh apparatov/. 07 p1286 A67-19146
- DRAKIN, V. P.**
Concerning the metallic phase of carbon. 01 p0104 A67-10833
Peculiarities of phase transitions in compression and rarefaction shock waves. 23 p3989 A67-40906
- DRANE, C., JR.**
Transfer function for Taylor distributions. 01 p0023 A67-10481
- DRANSFELD, K.**
Elastic surface waves in quartz at 316 MHz. 11 p1848 A67-24835
- DRANSFIELD, P.**
Factors affecting the performance of pistons. 20 p3366 A67-37367
- DRAPER, J. S.**
Analytical and experimental investigation of light scattering from polydispersions of Mie particles. 10 p1679 A67-22747
Underexpanded gas-particle jets. 10 p1592 A67-23154
- DRAPIER, J. M.**
Precipitation hardening in high-strength stainless steels. 23 p4018 A67-40871
- DRATH, P.**
Band parameters and g-factor for n-type Bi sub 2 Te sub 3 from the Schubnikow-De Haas effect. 14 p2369 A67-28596
- DRAZAN, P.**
Optimal design of the control jet of a fluid amplifier. 08 p1282 A67-20459
- DRAZIN, P. G.**
Hydrodynamic stability of parallel flow of inviscid fluid. 08 p1319 A67-20309
Steady two-dimensional flow of fluid of variable density over an obstacle. 14 p2346 A67-28004
Stability of parallel flow in an oscillating magnetic field. 17 p2910 A67-33350
- DREES, J.**
High-intensity runaway fluxes in a toroidal discharge /Runaway-Stroeme hoher Intensitaet in einer toroidalen Entladung/. 13 p2162 A67-26270
- DREES, J. M.**
Promise of compounding. 11 p1744 A67-24589
- DREHER, J. J.**
Optical reconstruction from sampled holograms made with sound waves. 14 p2320 A67-28602
Image reconstruction from sampled acoustical holograms. 15 p2488 A67-29819
- DREICER, H.**
On the theory of velocity distributions associated with bounded quiescent plasmas. 11 p1833 A67-24372
- DREIER, W. L.**
Combustion behavior of thermoplastic polymer spheres burning in quiescent atmospheres of air. [AIAA PAPER 67-103] 06 p1114 A67-18283
- DREITSER, G. A.**
Unsteady heat transfer in tubes resulting from changes in heat flow, gas mass flow rate and acoustic resonance. 04 p0733 A67-15844
Convective heat transfer in a tube with a gaseous heat carrier pulsating at a frequency that corresponds to the second

- resonance harmonic /Konvektivnyi
teplotobmen v trube pri pul'satsiakh
gazovogo teplositella s chastotoi,
sootvetstvushchey vtoroi rezonansnoi
garmonike/. 07 p1266 A67-19182
- Experimental study of unsteady heat
transfer in a tube in the presence of a
variable gas flow rate /Eksperimental'noe
issledovanie nestatsionarnogo teploobmena v
trube pri izmenenii raskhoda
gaza/. 17 p2967 A67-32129
- Experimental study of unsteady heat
transfer in a tube during heat-flux
fluctuations /Eksperimental'noe issledovanie
nestatsionarnogo teploobmena v trube pri
izmenenii teplovogo
potoka/. 17 p2967 A67-32130
- Convective heat transfer of a pulsating
flow in a tube near the first resonant
harmonic /Konvektivnyi teploobmen
pul'sirulushchego potoka v trube vblizi
pervoi rezonansnoi
garmoniki/. 23 p4082 A67-41285
- DREMIN, A. N.
Investigation of shock initiation to
detonation in
nitromethane. 06 p1112 A67-17953
- Similarity of detonation of gaseous and
liquid explosives. 06 p1112 A67-17960
- DREMIN, I. M.
Nature of the peripheral nonelastic
processes /O kharaktere perifericheskikh
neuprugikh protsessov/. 02 p0315 A67-12749
- Concerning the character of peripheral
inelastic processes. 22 p3876 A67-40251
- New method for analyzing the mechanism
of nuclear interactions /Novyi metod analiza
mekhanizma ladernykh
vzaimodelstviy/. 24 p4193 A67-42859
- DRENICK, R. F.
Optimization of linear control systems
/Die Optimierung linearer
Regelsysteme/. 22 p3777 A67-40070
- DRESCHER, E.
Plastic flow of axially-symmetric notched
bars pulled in tension. 01 p0159 A67-10401
- DRESHFIELD, R. L.
Development of a Co-W ferromagnetic,
high-temperature, structural
alloy. 24 p4174 A67-42726
- DRESSER, H. S.
Inverse solution of blunt-body flowfields
at large angle of attack.
[AIAA PAPER 66-413] 14 p2240 A67-28110
- DRESSLER, K.
Radiative lifetimes of ultraviolet molecular
transitions. 06 p1035 A67-17828
- Photomultiplier tube pulses induced by
gamma rays. 10 p1618 A67-23809
- DRESSLER, R. F.
New approach to air safety
statistics. 17 p2797 A67-32580
- DRESSLER, R. M.
An approach to model-referenced adaptive
control systems. 02 p0225 A67-12135
- An approach to model-referenced adaptive
control systems. 11 p1771 A67-24894
- Optimal control of measurement
subsystems. 16 p2650 A67-31676
- Precomputation of the weighting matrix in
an extended Kalman
filter. 16 p2651 A67-31682
- DREVIANNIKOV, F. N.
Experimental study of the thermal
conductivity of the 2NOBr [2NO plus Br
sub 2 system /Eksperimental'noe
issledovanie teploprovodnosti sistemy 2NOBr
[2NO plus Br sub 2/. 11 p1881 A67-24022
- DREVIN, S. V.
High-frequency plasma devices
/Vysokochastotnye plazmennye
ustroystva/. 09 p1547 A67-22322
- DREW, C. M.
Techniques for the study of the
combustion of metals.
[AIAA PAPER 67-66] 06 p1072 A67-18437
- The morphology of aluminum particle
combustion.
[WSCI PAPER 66-3] 22 p3919 A67-40224
- DREW, L. C.
Extending integrated circuit applications
in aerospace systems. 08 p1303 A67-21060
- Computer-aided design of linear integrated
circuits. 12 p1919 A67-26156
- DREWS, R. E.
Sensors and signal
conditioners. 04 p0626 A67-15731
- DREXHAGE, K. H.
Optical and electrical phenomena on
monomolecular layers. 02 p0290 A67-11732
- DREXLER, J.
Some problems of statistical evaluation
dynamic characteristics of systems from
operational data /K problematice
statistického zpracování dynamických
charakteristik soustav z provozních
měření/. 09 p1469 A67-22460
- Design problems for a hydraulic loading
circuit with random variation of loading with
time /Některé problémy návrhu
hydraulického zátěžovacího obvodu s
náhodným silovým průběhem v
case/. 09 p1451 A67-22472
- Derivation of dimensionless parameters by
methods of dimensional analysis /Sestavení
bezrozměrových parametru metodami
rozměrové analýzy/. 15 p2518 A67-30078
- DREYER, K.
Systems thinking and systems management
- Indispensable in rocket motor manufacture
/Systemdenken und Systemführung
unerlässlich im Raketentriebwerksbau/.
18 p3111 A67-36368
- DREYFUS, S. E.
The numerical solution of non-linear
optimal control problems. 07 p1213 A67-19155
- Some aspects of the relationship of
dynamic programming to the calculus of
variations. 10 p1620 A67-23420
- DREYFUSS, D. J.
The economic impact of reusable orbital
transport on the cost of planned manned
space programs, 1970-1999.
[AIAA PAPER 66-862] 02 p0343 A67-12261
- DRIAGIN, I. A.
Measurement of the atmospheric
absorption of radio waves in the range from
1.36 to 3.0 mm /Izmerenie atmosfernogo
pogloshcheniya radiovoln v diapazone 1,36-3,0
mm/. 05 p0761 A67-16343
- DRIARD, B.
Intensifying tubes for faint or rapidly
changing images /Tubes intensificateurs
d'images faiblement lumineuses ou
rapidement évolutives/. 07 p1189 A67-20156
- DRIATSKII, M. M.
Behavior of radiation belts and anomalous
cosmic radio noise absorption in the auroral
zone during the magnetic storms of
February 12-14 and 20-21,
1964. 07 p1243 A67-19683
- DRIATSKII, V. M.
Short radio wave propagation conditions in
the Antarctic. 07 p1143 A67-19692
- Auroral radio wave absorption in the
vicinity of the geographic North
Pole. 07 p1178 A67-19824
- DRIEDONKS, F.
Noise in space-charge-limited current in a
CoS-single crystal at low injection
level. 10 p1696 A67-23772
- DRILHON, G.
Oscillatory magneto-absorption in
tellurium. 06 p1060 A67-18919
- DRINKWATER, B. L.
Performance of civil aviation pilots under
conditions of sensory input
overload. 09 p1455 A67-21726
- DRISCOLL, D. H., JR.
Ground testing of Saturn launch vehicle
stages.
[AIAA PAPER 67-234] 07 p1165 A67-20057
- DRISKELL, L. R.
Practical guide to control valve
sizing. 15 p2423 A67-30400
- DRISKILL, C. E.
Liquid rocket engine combustion time
delay analysis. 22 p3868 A67-40161
- DRISSEL, W. E.
Space travel made easy with novel
displays. 05 p0788 A67-16968
- DRIVING, A. I. A.
Photometric analysis of twilight-halo
photographs obtained from the spacecraft
Vostok 6 /Fotometricheskii analiz snimkov
oreola zari, poluchennykh s kosmicheskogo
korablia "Vostok-6"/. 03 p0415 A67-14227
- Photometric analysis of photographs of the
twilight aureole obtained from the space
ship "Vostok-6." 12 p1932 A67-25483
- DRNAS, T. M.
Assessing surveyor spacecraft reliability
from test data. 15 p2493 A67-29608
- DROBYSHEVSKII, E. M.
Positive column in a skewed magnetic
field. 08 p1358 A67-20849
- Current-density distribution in the
homopolar. 08 p1358 A67-20850
- Study of the plasma azimuthal
inhomogeneity in a homopolar system
/Issledovanie azimuthal'noi neodnorodnosti
plazmy v gomopolarnike/. 15 p2529 A67-29723
- Rotation of a weakly ionized gas in a
homopolar with a radial magnetic
field. 16 p2723 A67-31580
- DROBZHEV, V. I.
Vertical drift of small-scale ionization
inhomogeneities in the ionosphere
/Vertikal'nyi dreyf melkomasshtabnykh
neodnorodnostei ionizatsii
ionosfery/. 05 p0802 A67-17146
- Study of the frequency selectivity of
fading. 13 p2067 A67-26569
- Vertical drift of small-scale
inhomogeneities of ionospheric
ionization. 21 p3619 A67-38488
- DROEGE, F.
Observation of solar radio bursts with
high time resolution /Beobachtungen solarer
Radiobursts mit hoher
Zeitaufloesung/. 14 p2381 A67-28579
- DROGIN, E. M.
Digital phase shifter tests navigation
system. 07 p1155 A67-19839
- DROGMAN, D.
Neutral injection into closed line magnetic
traps. 10 p1686 A67-23466
- DROLL, P. W.
Space magnetic environment simulation
for spacecraft testing. 24 p4138 A67-42030
- DRONOV, N. P.
Calculation of cylindrical shells
experiencing rapidly varying axisymmetric
loads /Raschet tsilindricheskikh obolochek,
ispytyvalushchikh bystroperemennyye
osesimmetrichnye
nagruzki/. 21 p3725 A67-38790
- DRONOV, V. V.
Modulation of radiant flux with two
lattices /Modulatsiya luchistogo potoka s
pomoshch'yu reshetok/. 01 p0022 A67-10423
- DROPKIN, D.
Thermocouple temperature perturbations
in low-conductivity materials.
[ASME PAPER 66-WA/HT-8] 04 p0724 A67-15427
- Experimental investigation of the
temperature distribution in a horizontal
layer of fluid heated from
below. 04 p0726 A67-15679
- DROSDAT, H. H. W.
Effect of dihedral and cross-sectional
shape on high-L/D entry
vehicles. 17 p2789 A67-32071
- DROST, H.
Simple method for determining the mean
free path of primary electrons in a plasma
/Ueber einfache Methode zur Bestimmung
der mittleren freien Weglaenge von
Primaerelektronen im
Plasma/. 07 p1229 A67-19515
- Excitation of a UHF oscillation spectrum
by fast primary electrons in front of the
cathode of a low-pressure Hg discharge
/Anregung eines UHF-Schwingungsspektrums
durch schnelle Primaerelektronen vor der
Kathode einer Hg-Niederdruckentladung/.
08 p1358 A67-20869
- DROUOT, R.
A case of integration of the equations of
motion of a second-order incompressible
fluid /Sur un gas d'integration des equations
du mouvement d'un fluide incompressible du
deuxieme ordre/. 24 p4146 A67-43106
- DROUZY, M.
Relationships between the elastic limit,
tensile strength and elongation in aluminum
foundry alloys - Application to control
/Relations de la limite d'elasticite avec la
charge de rupture et d'allongement dans les
allages d'aluminium de fonderie -
Application au controle/. 20 p3465 A67-36479
- DROWART, J.
Mass spectrometric studies of the
vaporization of refractory
compounds. 19 p3242 A67-34864
- Chemical bonding in high temperature
species. 21 p3578 A67-38394
- DROZD, T.
Experimental heat-transfer investigation
for turbulent air flow in a tube in
conditions of axial symmetry /Badania
doswiadczalne wymiany ciepła przy
przepływie burzliwym powietrza w rurze w
warunkach osiowo-symetrycznych/.
03 p0535 A67-13395
- DROZDETSKII, G. A.
Method of performing ionospheric
measurements with the aid of incoherently
scattered radio signals /K metodike
ionosfernnykh izmerenii po nekogerentno
rasseleannym

- radiosignalam/. 16 p2632 A67-31901
- DROZDOV, M. M.**
Determination of the optimum transmission coefficient of a laser output mirror /Opredelenie optimal'nogo koefitsienta propuskaniya vykhodnogo zerkala O.K.G./.. 22 p3817 A67-40412
- DROZDOV, V. M.**
Study of metal deformation in conditions of uniform ultrasonic loading /Izuchenie deformatsii metallu v usloviyakh ravnomernogo ul'trazvukovogo nagruzheniya/. 21 p3722 A67-38450
- DROZDOV, V. O.**
Correlation between the conductivity and microhardness of silicon /Korelyatsiya mizh providlitsiu ta mikrotverdistiu kremniyu/. 02 p0300 A67-12477
- DROZDOVSKII, B. A.**
Discussion on methods of estimating the tendency of metals and alloys toward brittle failure - Method of estimating the critical length of a crack in a single loading. 08 p1342 A67-21176
- DROZHBIN, I. A.**
Effect of current injections on the response characteristics of GaAs laser radiation /Vliyanie toka inzhetsii na vremennyye kharakteristiki izlucheniya PKG na GaAs/. 01 p0087 A67-10083
Effect of injection current on the time dependence of the emission from GaAs lasers. 08 p1340 A67-21460
- DRUCKER, D. C.**
Elastic-plastic continua containing unstable elements obeying normality and convexity relations. 04 p0708 A67-14622
Energy changes in stressed bodies due to void and crack growth. 22 p3911 A67-39679
- DRUET, Y.**
Variation of the population inversion during laser emission of a ruby /Variation de l'inversion de population pendant l'emission laser du rubis/. 04 p0634 A67-15497
- DRUETTA, M.**
Study of the excitation of nitrogen and oxygen by proton shocks /Etude de l'excitation de l'azote et de l'oxygene par chocs protoniques/. 08 p1037 A67-18706
- DRUGOVA, A. A.**
Multiple-photon radiative transitions in strongly doped semiconductors /Mnogofotonnyye izluchatel'nye perekhody v sil'no legirovannykh poluprovodnikakh/. 10 p1694 A67-23652
Multiphonon radiative transitions in heavily doped semiconductors. 17 p2923 A67-33333
- DRULANOV, B. A.**
The integration of the equations of plane flow of a perfectly plastic body. 01 p0165 A67-11304
- DRUILHE, R.**
New magnetic semiconductors crystallizing in rutile structure /Nouveaux semiconducteurs magnetiques, cristallisant dans la structure du rutile/. 01 p0134 A67-10755
- DRUKAREV, G. F.**
Excitation of atoms by electron bombardment /Vozbuzhdenie atomov elektronnyim udarom/. 17 p2893 A67-32138
- DRUMMOND, A. J.**
The Eppley-JPL solar constant measurement experiment. 02 p0328 A67-12396
An integrating hemisphere /artificial sky/ for the calibration of meteorological pyranometers. 03 p0419 A67-13078
Multichannel radiometer measurement of solar irradiance. 06 p1003 A67-18318
Measurement of the total flux and its spectral components in solar simulation systems with special reference to the extraterrestrial radiation. 11 p1772 A67-24053
Multichannel radiometer measurement of solar irradiance. 21 p3624 A67-37794
The absolute calibration of thermal radiation detectors. 23 p4006 A67-41373
- DRUMMOND, F. O., JR.**
Thermal system design of the Nimbus spacecraft. 02 p0335 A67-12391
- DRUMMOND, W. E.**
Interaction of plasmons. 05 p0858 A67-17434
Anomalous resistive instability. 16 p2720 A67-31240
Anomalous diffusion in a weakly turbulent plasma. 22 p3849 A67-39702
- DRUKES, H.**
Effect of radial mass flow on electric arcs /Der Einfluss einer radialen Masseneinstromung auf elektrische Lichtboegen/. 17 p2910 A67-33366
The analysis of a transpiration-cooled arc. 19 p3280 A67-35148
- DRUYVESTYEN, W. F.**
Collective modes in type II superconductors. 13 p2175 A67-26428
The resistivity of hard superconductors subjected to an increasing field. 18 p3098 A67-33518
- DRUZHITSKII, V. V.**
Axisymmetric gas flow in a channel of constant cross section with m greater than 1 /Osesimmetrichnoe techeniye gaza v kanale postolannogo secheniya pri m greater than 1/. 04 p0669 A67-15514
- DRYDEN, A. W.**
Assurance and measurement of space vehicle alignment. 15 p2496 A67-30422
- DRYER, M.**
Interaction of a plasma cloud with the earth's magnetosphere. 15 p2476 A67-29625
On the hypersonic analogue as applied to planetary interaction with the solar plasma. 17 p2951 A67-33208
Application of the hypersonic analog to the standing shock of Mars. 19 p3324 A67-35442
- DU P. DONALDSON, C.**
Theoretical and experimental investigation of the compressible free mixing of two dissimilar gases. [AIAA PAPER 65-822] 01 p0055 A67-11170
- DU PLESSIX, M.**
Elements and batteries for space applications /Elements et batteries pour applications spatiales/. 07 p1131 A67-19528
- DU PONTAIVE, E.**
Some aspects of aviation insurance /Quelques aspects de l'assurance aerienne/. 14 p2409 A67-28933
- DUANE, T. D.**
Experimental blackout and the visual system. 22 p3752 A67-39807
- DUBARD, J. L.**
Beta-gamma directional correlation in Sb super 125. 02 p0269 A67-11863
- DUBECH, G.**
Action of nuclear particles on the transport properties of single crystals of N-type gallium arsenide and of P-type gallium antimonide /Action des particules nucleaires sur les proprietes de transport de monocristaux d'arseniure de gallium de type N et d'antimoniure de gallium de type P/. 16 p2727 A67-30869
- DUBEE, A.**
The metal-beryllium oxide bond and its utilization in semiconductors /Le scellement metal-oxyde de beryllium et son utilisation dans les semi-conducteurs/. 10 p1696 A67-23691
- DUBENTSOV, V. R.**
The position of the tropopause in a mid-latitude jet stream. 02 p0240 A67-12642
- DUBEY, M.**
The advanced technology tradeoff. Assessing the payoff. [AIAA PAPER 67-811] 24 p4259 A67-42967
- DUBEY, S. D.**
Some test functions for the parameters of the Weibull distributions. 01 p0107 A67-10931
- DUBININ, G. N.**
Diffusion of potassium in single crystals and polycrystalline aggregates of molybdenum. 15 p2504 A67-29972
Classification of methods of the diffusion saturation of the surface of alloys by metals. 19 p3242 A67-34916
- DUBININ, N. P.**
Problems of space genetics /Problemy kosmicheskoi genetiki/. 24 p4113 A67-42053
- DUBININ, V. P.**
Assembly for prolonged high-temperature testing of materials in vacuum or inert media /Ustanovka dlya dlitel'nykh ispytaniy materialov v vakuumie ili inertnoi srede pri vysokikh temperaturakh/. 01 p0051 A67-11247
Device for testing high melting-point materials in vacuum for creep and long-term strength. 11 p1877 A67-24817
Apparatus for prolonged high-temperature testing of materials in vacuum or in an inert atmosphere. 17 p2835 A67-33170
- DUBININA, A. N.**
Determination of the adiabaticity parameter ρ sub L /R for an electron moving in an axially-symmetrical magnetic trap. 15 p2526 A67-29361
- DUBINSKII, I. U.**
Position of the cosmic-ray equator in the region of the zero meridian during the period from 1956 to 1963 /Polozheniye ekvatora kosmicheskikh luchei v 1956-1963 g. v oblasti nulevogo meridiana/. 23 p4059 A67-41135
- DUBINSKII, I. U. A.**
A class of operators and the solvability of quasilinear elliptic equations /Ob odnom klasse operatorov i razreshimosti kvazilineinykh ellipticheskikh uravnenii/. 10 p1874 A67-23076
Solvability of a system of equations for strong bending of plates /O razreshimosti sistemy uravnenii sil'nogo izгиба plastinok/. 23 p4076 A67-40716
- DUBINSKY, J.**
Position of the cosmic equator in the zero meridian region /Polozheniye kosmicheskogo ekvatora v oblasti nulevogo meridiana/. 01 p0149 A67-10738
- DUBNER, V. M.**
Calculation of the statistical sum of an atom /K raschetu statisticheskoi summy atoma/. 03 p0478 A67-13615
Angular distribution and transport cross sections /Uglovoe raspredeleniye i transportnyye secheniya/. 07 p1225 A67-19129
Level populations and nonelastic losses in a two-temperature plasma /O zaselennosti urovnei i neuprugikh poterakh v dvukhtemperaturnoi plazme/. 11 p1831 A67-24019
Thermal ionization in a magnetic field. 12 p1975 A67-25757
Calculation of the statistical sum of an atom. 18 p3091 A67-34480
Angular distribution and transport cross sections. 21 p3659 A67-38172
- DUBOIS, J. C.**
Gallium arsenide lasers - Powerful light sources. 10 p1666 A67-23521
- DUBOIS, J. H.**
The sophisticated plastics. 15 p2508 A67-29930
- DUBOIS, J. R.**
Incremental stress effects in transistors. 09 p1472 A67-21950
- DUBOIS, M.**
Electrical conductivity of MgF sub 2 - doped lithium fluoride at ambient temperature /Conductibilite electrique a temperature ambiante du fluorure de lithium dope au MgF sub 2/. 12 p1978 A67-25149
- DUBOIS, P.**
Supply of high electric power for short periods by magnetoaerodynamic generators /Fourniture de puissances electriques elevees pendant des temps courts par des generateurs magnetoaerodynamiques/. 06 p0949 A67-17567
The cold cells of the compagnie generale d'electricite and their related circuits /Les piles froides de la compagnie generale d'electricite et leurs circuits annexes/. 14 p2253 A67-29024
The "Carrousel" magnetoaerodynamic generator /Generateur magnetoaerodynamique "Carrousel"/. 16 p2608 A67-30599
- DUBONOSOV, S. P.**
Experiment concerning the operation of a molecular-beam laser on board a satellite /Opyt raboty molekulyarnogo generatora na iskusstvennom sputnike zemli/. 21 p3582 A67-38594
- DUBOSE, C. K. H.**
Stress dependence of dislocation configuration in deformed niobium. 13 p2133 A67-27010
- DUBOSHIN, G. N.**
Development of the potential of the earth by the Lane functions /Sur le developpement du potentiel de la terre par les fonctions de Lane/. 05 p0796 A67-16564
Contemporary problems of celestial mechanics /O sovremennykh zadachakh nebesnoi mekhaniki/. 20 p3522 A67-36623
- DUBOV, E. E.**
Structure of the lower chromosphere /Struktura nizhnai khromosfery/. 15 p2552 A67-29143
Structure of the lower chromosphere. 24 p4239 A67-43066
- DUBOVAIA, G. V.**
Coefficient of linear expansion of commercial titanium /O koefitsiente lineinogo rasshireniya tekhnicheskogo titana/. 07 p1208 A67-19297
- DUBOVIK, M. F.**
Electroluminescence and semiconducting properties of CdF sub 2 single crystals

- activated by rare earth ions. 24 p4205 A67-42893
- DUBOVITSKAIA, N. V.**
Investigation of the physical processes occurring during heating of deformed high-purity nickel /Issledovanie fizicheskikh protsessov pri nagreve deformirovannogo nikella vysokoi stepeni chistoty/. 17 p2874 A67-32897
- DUBOVOI, A. P.**
Radiation from a nonequilibrium plasma /Ob izlucheni neravnovesnoi plazmy/. 19 p3267 A67-34902
- DUBOVOI, L. V.**
Ion cyclotron resonance in a dense plasma with hot electrons. 05 p0853 A67-18755
Mechanism of stabilization of a plasma by high frequency electromagnetic fields. 10 p1686 A67-23585
- DUBOVSKII, S. V.**
Interorbital and interplanetary flights /Mezhorbital'nye i mezplanetnye perelety/. 21 p3705 A67-38585
- DUBROV, V. A.**
Bainite transformation in the Ti-O system /O beinitnom prevrashchenii v sisteme Ti-O/. 22 p3821 A67-39825
- DUBROVINA, A. N.**
Effect of deformation on transformations during annealing of a Ni-Mo alloy /Vlianie deformatsii na prevrashchenia pri ozhighe splava Ni-Mo/. 16 p2687 A67-30847
- DUBROVINA, S. A.**
Nuclear cascade process in an ionization calorimeter /Iadernokaskadnyi protsess v ionizatsionnom kalorimetre/. 02 p0248 A67-12747
Contribution of successive interactions to the generation of "jets" in complex nuclei /Rol' posledovatel'nykh vzaimodeistvii v generatsii "strui" na slozhnykh iadrah/. 02 p0314 A67-12748
A new installation at the Tyan-Shan' Mountain station for investigation of strong interactions at energies of 100 to 1000 Bev - First results. 22 p3801 A67-40248
Nuclear cascade processes in an ionization calorimeter. 22 p3801 A67-40249
Role of successive interactions in the production of jets on complex nuclei. 22 p3876 A67-40250
- DUBROVSKAIA, E. K.**
Unstable variation of the ionization of the F region of the ionosphere during years of minimum solar activity over Ashkhabad /Neustoihivoe izmenenie ionizatsii F oblasti ionosfery v gody minimuma solnechnoi aktivnosti nad Ashkhabadom/. 12 p1938 A67-26100
Some patterns of the F sub 0 layer. 13 p2110 A67-26549
- DUBROVSKII, E. N.**
Basis for the construction of a nonscanning adaptive automatic control system with a variable structure /O printsipe postroeniia besposkovoi adaptivnoi sistemy avtomaticheskogo upravleniia s peremennoi strukturoi/. 03 p0394 A67-14062
A principle for constructing adaptive automatic control systems with variable structure that do not hunt. 13 p2089 A67-27711
- DUBROVSKII, I. A.**
Nonlinear distortions in tunnel-diode voltage amplifiers /Nelineinye iskazheniia v usilitelakh naprizheniia na tunnel'nykh diodakh/. 03 p0377 A67-13235
Broad-band and pulse transistor amplifiers in the nanosecond range /survey/. 06 p0970 A67-18191
High-frequency inductive correction of tunnel-diode RC amplifiers /Vysokochastotnaia induktivnaia korrektsiia RC-usilitel'ei na tunnel'nykh diodakh/. 06 p0970 A67-18213
High-frequency inductive compensation of tunnel-diode RC-amplifiers. 16 p2635 A67-30479
- DUBROWSKY, L.**
The digilator, a new broadband microwave frequency translator. 13 p2075 A67-26477
A temperature compensated electronically controlled ferrite attenuator. 17 p2825 A67-32524
- DUBSKY, J.**
Processing of strain-gage-measurement data on rotating impeller blades of aircraft turbines /Nektere otazky vyhodnocovani tenzometricheskikh merenii na rotujushchikh obeznykh lopatkakh letecheskikh spalovachikh turbin/. 09 p1576 A67-22458
- DUCATI, A. C.**
Arc jet efficiency and an insulated test environment. [AIAA PAPER 67-677] 21 p3691 A67-38710
- DUCHEK, H. W.**
The new generation of helicopter armaments. 07 p1131 A67-19481
- DUCK, K. I.**
Evaluation of an ion propulsion system for a synchronous spacecraft mission. [AIAA PAPER 67-720] 21 p3694 A67-38746
- DUCKENFIELD, M. J.**
A survey of optimum control system theory. 09 p1483 A67-22386
A survey of optimum control system theory. II. 11 p1772 A67-25082
- DUCKETT, R. J.**
An experimental study of the behavior of high-current arcs driven by strong external magnetic fields. 12 p1974 A67-25399
- DUCOTE, R. J.**
U.S. Air Force concepts for accurate delivery of equipment and supplies. 17 p2797 A67-32587
- DUCROS, G.**
Flux and energy spectra of primary cosmic X and gamma rays between 20 kev and 1 mev. 10 p1701 A67-23231
- DUCUING, J.**
Contribution to the study of optical nonlinearities /Contribution a l'etude des non-linearites optiques/. 04 p0657 A67-14881
- DUDA, T.**
Some fundamental problems of measurement and control methods in the aircraft-instrument-pilot loop /Nektere zakladni problemy mereni i ridici tekhniki letoun-pilota-pilota/. 09 p1457 A67-22459
- DUDEK, J. S.**
Lunar surface accessibility for manned missions, 1968-1988. [AAS PAPER 66-131] 07 p1255 A67-19990
Lunar surface accessibility for manned missions, 1968-1988. [AAS PAPER 66-131] 13 p2209 A67-27542
- DUDENKOVA, A. V.**
Semiconductor p-n junction lasers in the InAs sub 1 sub -x Sb sub x system. 01 p0087 A67-10087
Lifetimes in single crystals of gallium arsenide /Vremena zhizni v monokristallakh arsenida galliia/. 03 p0490 A67-13151
Lifetime in single crystals of gallium arsenide. 10 p1690 A67-23100
Utilization of a laser to measure the lifetime of excess carriers in gallium arsenide single crystals. 20 p3512 A67-37436
- DUDKIN, S. I.**
Effect of concentration on light absorption and dispersion by impurity centres in the case of weak electron-phonon coupling. 07 p1233 A67-19648
- DUDKIN, V. E.**
Evaluation of the radiation environment on the surface of the moon /Otsenka radiatsionnoi obstanovki na poverkhnosti lunny/. 18 p2737 A67-30782
- DUDKINA, L. P.**
Study of the equilibrium diagram of the TiNi-TiFe system /Issledovanie diagrammy ravnovesiia sistemy TiNi-TiFe/. 20 p3468 A67-37179
- DUDKINA, V. P.**
Variation of the semitransparency range of E sub s from observations at Rostov-on-Don /Izmenenie diapazona poluprozrachnosti E sub s po nabludeniiam v Rostove-na-Donu/. 16 p2669 A67-31904
- DUDKO, D. IA.**
Effective electron-scattering cross section in a helium and argon plasma with a cesium vapor admixture /Efektivnyi pereriz rozsluvannia elektroniv u plazmi v geli i v argoni z domishkoiu pari tseziu/. 01 p0119 A67-10134
Thermalization of electrons in a short-arc plasma in cesium vapors /Pro termalizatsiiu elektroniv u plazmi korotkoi dugi v pari tseziu/. 04 p0673 A67-15971
Effective scattering cross section of electrons in a helium and argon plasma with potassium vapor additions and in a pure potassium plasma /Efektivnyi pereriz rozslaniia elektroniv u plazmi v geli ta argoni z domishkoiu pari kaliu i v chistom kaliu/. 04 p0673 A67-15972
- DUDKO, K. L.**
Pulsed method for measuring photomagnetic susceptibility /Impul'snaia metodika izmereniia fotomagnitnoi vosprimchivosti/. 06 p1001 A67-17938
- DUDLEY, B. R.**
Elastic-plastic deformation around a circular hole in a plate under cyclic loading. 12 p2016 A67-25423
- DUDLEY, L. V.**
Final sealing and encapsulation. 19 p3236 A67-35024
- DUDNIK, E. F.**
Effect of mechanical pressure on polarization processes in BaTiO sub 3 single crystals and BaTiO sub 3 -ZnO solid solutions /Vlianie mekhanicheskogo davleniia na protsessy polarizatsii v monokristallakh BaTiO sub 3 i tverdykh rastvorakh BaTiO sub 3 -ZnO/. 03 p0489 A67-13145
- DUDNIK, E. M.**
Preparation and physical properties of alloys of the W-LaB sub 6 system. 13 p2131 A67-26468
- DUDNIK, R. A.**
Analysis of the dispersion equation of an "M"-type crossed-field tube - The case of broad structures. 08 p1302 A67-20834
A numerical method of studying a transverse interaction tube /Ob odnom chislennom sposobe issledovaniia lampy s poperechnym vzaimodeistviem/. 19 p3198 A67-36022
- DUDNIKOV, E. E.**
Methods for solving problems of mathematical programming on general-purpose analog computers /Metody resheniia zadach matematicheskogo programmirovaniia na analogovykh vychislitel'nykh mashinakh obshchego naznacheniia/. 17 p2817 A67-32225
- DUDNIKOV, IU. S.**
Characteristics of a plasmatron with an insert in the electrode gap /Kharakteristiki plazmatrona s mezhelektroodnoi vstavkoi/. 11 p1843 A67-24973
A vortical-scheme plasmatron for operation on high currents /Plazmatron vikhrevoi skhemy dlia raboty na bol'shikh tokakh/. 18 p3088 A67-34057
- DUDZINSKY, S. J.**
Theoretical and experimental study of a liquid metal MHD induction generator. 05 p0754 A67-17348
Experimental results with the variable fluid and field velocity MHD generator. 12 p1897 A67-25377
Comparison of MHD induction generator analyses. 23 p3942 A67-41737
- DUENO, B.**
Detection of apparent ionospheric movements by backscatter techniques. [AGARDOGRAPH 95] 15 p2484 A67-30301
- DUERDEN, I. J.**
The equilibrium diagram of the system niobium-nickel. 05 p0828 A67-16387
- DUERR, F.**
Space travel and earth sciences /Raumfahrt und Geowissenschaften/. 24 p4150 A67-42201
- DUESBERY, M. S.**
The plasticity of pure niobium single crystals. 07 p1211 A67-20164
- DUFAY, J.**
On the origin of certain diffuse traces observed by the Alouette satellite ionospheric probe /Sur l'origine de certaines traces diffuses observees par les satellites sondeurs ionospheriques Alouette/. 14 p2312 A67-28518
- DUFAY, J.**
Classification of comet orbits /Sur la classification des orbites cometaires/. 01 p0146 A67-10232
Zodiacal light and solar activity /Lumiere zodiacale et activite solaire/. 03 p0413 A67-13455
- DUFAY, M.**
Study of the excitation of nitrogen and oxygen by proton shocks /Etude de l'excitation de l'azote et de l'oxygene par chocs protoniques/. 06 p1037 A67-18706
Excitation of helium simple levels by accelerated protons /Sur l'excitation des niveaux simples de l'hélium par protons accelères/. 10 p1699 A67-22845
Study of inelastic shocks between CO molecules and protons between 30 and 800 kev /Etude des chocs inélastiques entre molécules CO et protons entre 30 kev et 800 kev/. 14 p2390 A67-28943
- DUFF, J. G.**
The application of spectrum signature data to interference analysis. 05 p0781 A67-17538

DUFF, R. H.
Metal coated whiskers. 03 p0444 A67-13434
Face-centered-cubic tungsten films
obtained by ion beam
sputtering. 07 p1232 A67-19557
Face-centred cubic modification in
sputtered films of tantalum, molybdenum,
tungsten, rhenium, hafnium and
zirconium. 21 p3677 A67-38091

DUFF, W. G.
Voice communication factors resulting
from interference. 20 p3387 A67-37637

DUFFEK, E. F.
Image transfer. 08 p1334 A67-20743
Plating. 08 p1334 A67-20744
Etching. 08 p1334 A67-20745

DUFFENDACK, J. C.
Sine-wave tracking
revisited. 17 p2808 A67-33179

DUFFEY, D.
Application of spectroscopic methods for
measurements of plasma electron
temperature and density. 14 p2322 A67-29045

DUFFIELD, F. E.
Transducers with semiconductor strain
gauges. 20 p3442 A67-36458

DUFFIEUX, P. M.
Dirichlet's theorem and coherent imaging
/Le theoreme de Dirichlet et l'imagerie
coherente/. 07 p1185 A67-19402

DUFFIN, R. J.
Geometric
programming. 09 p1469 A67-22435

DUFFY, J.
The static hole pair as a skin friction
meter. 06 p1005 A67-18753
Carbon fibre
composites. 10 p1671 A67-23495

DUFFY, M. C.
A survey of diffusion processes for
fabricating integrated
circuits. 01 p0080 A67-10971

DUFFY, N. V.
A tetrafluoroditertiary arsine and its
metal complexes. 01 p0135 A67-10896

DUFLO, M.
On the additive functionals of the
recurrent Markov processes /Sur les
fonctionnelles additives des processus de
Markov recurrents/. 18 p3071 A67-34182

DUFOE, G. E.
Analyses and tests of thermal scale
models of a simulated
spacecraft. 11 p1773 A67-24346

DUFORT, E. C.
Finite scattering matrix for an infinite
antenna array. 07 p1151 A67-19442

DUFOUR, H. M.
The geodetic linking of France and North
Africa by synchronous photographs of the
Echo 1 satellite /La jonction geodesique
France-Afrique du Nord par photographies
synchrones du satellite Echo
1/. 07 p1176 A67-19767

DUFOUR, H.-M.
Report of the study group of the
International Geodetic Association on the
application to European geodesy of the
geodetic observation of luminous objects at
altitude /Rapport du groupe d'etudes de
l'Association Internationale de Geodesie sur
l'application a la geodesie Europeenne de
l'observation geodesique d'objets lumineux
en altitude/. 07 p1176 A67-19762

DUFOR, L.
The concept of potential temperature /Sur
la notion de temperature
potentielle/. 17 p2844 A67-32566

DUFUR, C. W.
Wear coefficient correlation of test
methods and design calculations for solid
film lubricants.
[ASLE PREPRINT 67AM 5A-5]
14 p2325 A67-28787

DUGAN, C. H.
Energetic metastable O sub 2
molecule. 10 p1682 A67-23386

DUGAN, D. W.
Applications of combined high-thrust, low-
thrust propulsion systems.
[AIAA PAPER 67-511] 18 p3114 A67-33975

DUGAN, J. V., JR.
Calculation of three-body collisional
recombination coefficients for cesium and
argon atomic ions with an assessment of the
Gryzinski cross sections. 06 p1036 A67-18151
The selection of simple model atoms for
calculations of electron density in
nonequilibrium, low temperature Cs
plasmas. 13 p2171 A67-27441
Solution of the Boltzmann and rate

equations for the electron distribution
function and state populations in non-
equilibrium MHD plasmas. 16 p2710 A67-30519

DUGAR-ZHABON, V. D.
Structure of the electrostatic charge in
pulsed plasma flow /Struktura
elektrostaticheskogo zariada v impul'snom
potoke plazmy/. 13 p2168 A67-27306

DUGAS, H.
Multistable memory with tunnel diodes -
Basic element for an aperiodic decade with
low resolution time /Memoire multistable a
diodes tunnel - Element de base d'une
decade aperiologique a faible temps de
resolution/. 01 p0037 A67-10660

DUGDALE, R. A.
Materials in gas
discharges. 13 p2132 A67-26692
The hollow anode glow discharge as a
source of ion and electron
beams. 19 p3195 A67-35598

DUGGAL, S. P.
Long-term variation in the magnitude of
the diurnal anisotropy of cosmic
rays. 12 p1993 A67-25205

DUGGAL, V. P.
Quantum size effect in thin bismuth
films. 02 p0300 A67-12509

DUGIN, V. V.
Estimate of the amplitude of an echo-
signal with consideration of the a priori
distribution of the probability density of its
levels /Otsenka amplitudy ekho-signalov s
uchetom apriornogo raspredeleniya plotnosti
veroiatnosti ego urovnel/. 02 p0194 A67-11976

DUGNAN, I. I.
Study of the variation of the electrical
conductivity of certain high-resistivity
semiconductors in strong microwave fields
/Issledovanie izmeneniya elektroprovodnosti
nekotorykh vysokoomnykh poluprovodnikov
v sil'nykh SVCh poliaakh/. 08 p1370 A67-20996

DUGUAY, M. A.
Optical frequency translation of mode-
locked laser pulses. 02 p0253 A67-12506
Proposed resonator for an X-ray
laser. 13 p2126 A67-27012
Some approaches to vacuum UV and X-ray
lasers. 18 p3060 A67-34015

DUH, C. Y.
Electron drift velocity in avalanching
silicon diodes. 10 p1611 A67-23169

DUKE, C. B.
Electron tunneling in metal-semiconductor
barriers. 02 p0280 A67-11483

DUKE, E. E.
Multiple exhaust nozzles for nuclear
rocket engines.
[AIAA PAPER 66-925] 03 p0466 A67-14135
Multiple exhaust nozzles for advanced
nuclear rocket engines. 22 p3834 A67-40160

DUKE, G. L.
Comparison of the sensitivity of films and
image intensifier/film combinations
/Vergleich der Empfindlichkeit von Filmen
und Bildverstaerker-Film-Kombinationen/.
22 p3796 A67-39278

DUKE, J. A.
Noise methods in pattern
perception. 20 p3372 A67-37000

DUKE, M. B.
Petrology of eucrites, howardites and
mesosiderites. 24 p4233 A67-42619

DUKEK, W. G.
Lubricity of jet fuels. 01 p0139 A67-10602
Lubricity of jet fuels.
[SAE PAPER 660712] 12 p1988 A67-26163

DUKES, W. A.
The effect of joint design and dimensions
on adhesive strength. 09 p1577 A67-22503

DUKHIN, A. A.
The criterion of optimization for low-
thrust power-limited engines and the
method of their
identification. 22 p3898 A67-39181

DUKURE, P. K.
Effect of relative roughness on
magnetohydrodynamic flow in rectangular
tubes /Vliyanie otnositel'noi sherokhovatosti
na magnitogidrodinamicheskoe techenie v
priamougol'nykh trubakh/. 01 p0120 A67-10186

DUKURE, R. K.
Resistance of rough pipes during turbulent
flow in a transverse magnetic field
/Soprotivleniye sherokhovatykh trub pri
turbulentnom techenii v poperechnom
magnitnom pole/. 06 p1044 A67-18690

DULA, A.
Acoustic technique for use in some
solidification rate studies. 12 p1946 A67-25985

DULAC, B.
Software tools for certifying operational
flight programs. 15 p2440 A67-29604

DULANEY, E. N.
A communication link
analyzer. 02 p0203 A67-12134

DULANEY, H.
Nuclear matrix elements for forbidden
beta decay of spheroidal-shaped
nuclei. 20 p3488 A67-36662

DULBERGER, L. H.
Advanced interceptor
aircraft. 04 p0550 A67-14422

DULIAN, G. A.
Investigation of ionization bursts at
mountain altitudes /Izuchenie
ionizatsionnykh tolchok na urovne
gor/. 02 p0315 A67-12758
Investigation of ionization bursts at
mountain altitudes. 22 p3876 A67-40260

DULIAN, G. G.
Evaluation of the effective cross-section of
the inelastic interaction of primary 10 super
12 -ev protons with atmospheric atomic
particles /Otsenka effektivnogo sечeniya
neprugogo vzaimodelstviya pervichnykh
protonov s energiei 10 super 12 ev s
atomnymi iadrami
atmosfera/. 02 p0315 A67-12759
Evaluation of the cross section for
inelastic interaction of 10 super 12 ev
primary protons with air
nuclei. 22 p3876 A67-40261

DULK, G. A.
Lack of effects of satellites Europa,
Ganymede, Callisto, and Amalthea on the
decametric radio emission of
Jupiter. 12 p2010 A67-26243
Apparent changes in the rotation rate of
Jupiter. 23 p4065 A67-41002

DULNEV, G. N.
Temperature regime of a thin plate heated
by a pulsed localized energy source
/Temperaturnyi rezhim tonkol plastiny,
nagrevamoi impul'snym lokalizovannym
istochnikom energii/. 01 p0166 A67-10365
Possible structure of the surface layer of
the moon /O vozmozhnoi strukture
poverkhnostnogo sloia
luny/. 02 p0322 A67-11567
Thermal circuits for ventilated radio-
electronic devices /Teplovyie skhemy
ventiliruemykh radioelektronnykh
apparatur/. 11 p1884 A67-25047

DULNEV, R. A.
Stress-strain concentration in conditions of
rapid breakdown at high temperature
/Kontsentratsiya deformatsii i napriazhenii v
usloviakh kratkovremennogo razrusheniya
pri povyshennykh
temperaturakh/. 03 p0529 A67-14084
Thermal-fatigue tests including holding
periods at the maximum temperature of the
cycle. 09 p1519 A67-22168
Computation of the stress concentration in
a plate cut on both sides /K raschetu
kotsentratsii napriazhenii v plastine s
dvustoronnim nadrezom/. 19 p3339 A67-34886

DULOCK, V. A., JR.
Electron impact cross sections for
atmospheric species. II. 20 p3489 A67-37418
Electron impact cross sections for
atmospheric species. III. 20 p3489 A67-37419

DULOV, V. G.
Calculation of the aerodynamic
characteristics of a wing profile with
blowing of a controllable jet into the
external flow /Raschet aerodinamicheskikh
kharakteristik profil'a kryla s vyduvom
reguliruemol strui vo vnesnii
potok/. 18 p2984 A67-34202

DUMA, A. S.
Catalog of selenocentric positions for a
total of 500 reference points on the lunar
surface /Katalog selenotsentricheskikh
polozhenii 500 bazisnykh tochek na
poverkhnosti luny/. 17 p2949 A67-33119
Comparison of lunar profiles referred to a
system of reference points and limb-region
maps /Sravnenie profil'ov luny, otnesennykh
k sisteme bazisnykh tochek, s kartami
kraevoi zony/. 17 p2949 A67-33124
Some results of an examination of the
Watts maps /Nekotorye rezul'taty
issledovaniya kart Uottsa/. 17 p2950 A67-33127

DUMA, D. P.
Derivation of the constants of physical
libration of the moon from the heliometric
observations of Krasnov, taking into account
the large relief /Vывод postoiannykh
fizicheskoi libratsii luny iz

- geliometricheskikh nabludenii A. V. Krasnova s ucheto bol'shogo rel'efa/. 17 p2950 A67-33125
- Some results of an examination of the Watts maps /Nekotorye rezul'taty issledovaniia kart Uotssa/. 17 p2950 A67-33127
- Experimental determination of the orientation elements of the FK3 catalog from short series of lunar observations /Opyt opredeleniia elementov orientatsii kataloga FK3 iz korotkikh riadov nabludenii luny/. 17 p2950 A67-33128
- DUMANIAN, J. A.**
Availability of computer programs for circuit design. 13 p2074 A67-27492
- DUMARGUE, P.**
Device for measuring potential fluctuations in a turbulent flow /Dispositif de mesure de fluctuations de potentiel dans un ecoulement turbulent/. 09 p1501 A67-22562
- Voltage fluctuations produced by turbulence at the liquid-metal contact /Fluctuations de potentiel produites par turbulence au contact liquide-metal/. 09 p1490 A67-22576
- Electronic measurement of flow velocities in a shock tube /Mesure electronique des vitesses d'ecoulement dans un tube a choc/. 17 p2855 A67-32287
- DUMARTIN, S.**
Stimulated inverse Raman effect /Effet Raman inverse stimule/. 14 p2333 A67-28985
- DUMBRAVA, P.**
Technical and economic criteria regarding requirements to be met by transport aircraft for use in civil aviation /Criterii tehnico-economice privind conditiile ce trebuie indeplinite de catre avioanele de transport ce urmeaza sa intre in dotarea aviatiei civile/. 14 p2409 A67-28499
- DUMESNIL, C. E.**
Deformation of spherical caps impacted into water. 12 p2030 A67-25937
- DUMITRESKU, V.**
Application of cosmographic perspectives in the interpretation of photographs taken in space /Primenenie kosmograficheskikh perspektiv pri deshifirovani fotografii, sledaniykh v kosmose/. 03 p0419 A67-13264
- DUMMER, G. W. A.**
Electronics reliability - Calculation and design. 03 p0377 A67-13232
- DUMONT, M.**
Measurement of Lande factors of neon by studying the saturations caused by a multimode laser beam /Mesure de facteurs de Lande du neon par l'etude des saturations provoques par un faisceau laser multimode/. 22 p3815 A67-39651
- DUMONT, S.**
Formation of the Ca II and Mg II lines in the lower chromosphere /Formation des raies du Ca II et du Mg II dans la basse chromosphere/. 19 p3325 A67-35504
- DUMONTET, P.**
Propagation of a domain with a strong electric field in a homogeneous medium with negative differential conductivity /Propagation d'un domaine a fort champ electrique dans un milieu homogene a conductivite differentielle negative/. 09 p1557 A67-22558
- DUNAETZ, R. A.**
Selection and evaluation of organic dielectric materials for spacecraft. 15 p2508 A67-29556
- DUNBAR, A. S.**
Design features of large antennas in space. [AIAA PAPER 66-848] 02 p0221 A67-12258
- DUNBAR, L. E.**
Internal performance of a two-dimensional expansion-deflection nozzle. 14 p2244 A67-29050
- DUNBRIDGE, B.**
Analysis of analog-to-digital converter time aperture error. 04 p0578 A67-14867
- DUNCAN, C.**
Evaluation of several intense light sources used for actinism studies. 12 p1925 A67-25723
- DUNCAN, C. S.**
High power stacked GaAs laser arrays. 11 p1802 A67-24745
- DUNCAN, J. W.**
The accuracy of finite-difference solutions of Laplace's equation. 24 p4131 A67-42447
- DUNCAN, L. D.**
Real-time prelaunch meteorological system. 08 p1314 A67-20543
- Real-time meteorological system for firing of unguided rockets. 13 p2091 A67-27610
- Real-time prelaunch meteorological system. 21 p3607 A67-37812
- DUNCAN, L. W.**
Aerospace applications of microwave swept frequency measurements. 01 p0039 A67-11038
- DUNCAN, R. A.**
Factors controlling Jovian decametric emission. 05 p0904 A67-17408
- DUNCAN, R. C.**
Guidance and control engineering. 16 p2699 A67-30650
- Inertial navigation. 19 p3256 A67-35859
- DUNDON, R. W.**
Ferrous ion order-disorder in meteoritic pyroxenes and the metamorphic history of chondrites. 21 p3702 A67-38128
- DUNDROVA, V.**
Nonlinear bending theory of sandwich plates. III /Nichtlineare Biegungstheorie von Sandwich-Platten. III/. 11 p1880 A67-25095
- Nonlinear bending theory of sandwich plates. II /Nichtlineare Biegungstheorie von Sandwich-Platten. II/. 19 p3342 A67-35716
- DUNDUCHENKO, L. E.**
Theory and application of elliptic functions /K teorii i prilozheniiu ellipticheskikh funktsii/. 23 p4023 A67-40924
- DUNDY, M.**
EP films from borate lubricants. 16 p2683 A67-31756
- DUNEER, A. G., JR.**
Secondary-dose equivalent model and comparison of 160-Mev proton-induced neutron and proton dose with a comprehensive experiment. 20 p3482 A67-37551
- DUNFEE, D. D.**
Development of a frangible sounding rocket vehicle. 08 p1407 A67-20521
- A frangible sounding rocket vehicle design. 15 p2565 A67-29449
- DUNFORD, E.**
On the theory of the interaction of a solar corpuscular stream with the geomagnetic field. 01 p0143 A67-10116
- DUNGAN, K. R.**
Flexibility required for a typical systems facility as designed for the Agena vehicle. 04 p0600 A67-15781
- DUNGEY, J. W.**
Polar substorms - Theoretical review. 19 p3215 A67-35173
- The theory of the quiet magnetosphere. 22 p3883 A67-39671
- DUNHAM, G. S.**
Ion composition and temperature in the topside ionosphere. 22 p3790 A67-39804
- DUNIN, S. E.**
Orbit determination for stationary satellites. 13 p2208 A67-27522
- DUNKELBERG, S. B.**
Exhaust gas flowfield from the deflection of twin jets. 17 p2797 A67-32568
- DUNKELMAN, L.**
Ultraviolet technology. 04 p0619 A67-14704
- Photography of the earth's cloud satellites from an aircraft. 19 p3251 A67-34953
- DUNKS, G. B.**
The nuclear magnetic resonance and microwave spectra of some deuterio derivatives of 2,4-dicarbaocloheptaborane/7/. [JPL-TR-32-1038] 01 p0019 A67-11146
- DUNLAP, R. W.**
Local stress measurement using the thermoelastic effect. 18 p3141 A67-33887
- DUNLAY, J. B.**
The development of foil thermal insulation for high-temperature heat sources. 24 p4103 A67-42501
- DUNN, A. M. H.**
Blowing the Buccaneer. 03 p0353 A67-12846
- Boundary layer control system of the Hawker Siddeley "Buccaneer" /Das Grenzschichtbeeinflussungssystem der Hawker Siddeley "Buccaneer"/. 04 p0552 A67-15541
- The lift-increment device of "Buccaneer" aircraft /Le dispositif d'hypersustentation des avions "Buccaneer"/. 19 p3173 A67-35878
- DUNN, C.**
Feed systems and nozzles for Phoebus reactor experiments. [AIAA PAPER 67-478] 18 p3077 A67-34402
- DUNN, D. A.**
Cold-beam-plasma interaction theory for finite transverse dimensions and finite magnetic fields. 02 p0272 A67-11884
- Self-constricted beam-generated plasmas. 19 p3275 A67-35106
- DUNN, F.**
Thermal plane stresses in square plates with edge stiffeners. 23 p4073 A67-40611
- DUNN, G. H.**
Electron impact dissociation of H sub 2 super plus. 09 p1535 A67-22377
- Dissociative ionization of H sub 2 and D sub 2. 17 p2889 A67-33226
- DUNN, J.**
Titan IIIB recovery experiment. 15 p2569 A67-29853
- Final value optimal stochastic control problem with bounded controller. 17 p2830 A67-33012
- DUNN, J. P.**
Project EGRESS. 05 p0906 A67-17204
- DUNN, M. G.**
Experimental shock-tube investigation of conditions behind incident and reflected shocks in air for shock Mach numbers between 8.5 and 16.5. 21 p3610 A67-37771
- Effects of mass injection on compressible, three-dimensional, laminar boundary layers. 21 p3613 A67-38852
- DUNN, R. G.**
Development of a facility for supersonic combustion simulation. [AIAA PAPER 66-743] 15 p2465 A67-29437
- Supersonic combustion simulation. [CI PAPER 67-6] 19 p3344 A67-35001
- DUNN, T.**
Method for determining the thermodynamic properties of the quantum electron gas. 15 p2533 A67-30383
- DUNN, V.**
Broadband, lumped element UHF circulator. 13 p2076 A67-26483
- DUNNE, B.**
Xenon plasma from focused coaxial gun. 08 p1356 A67-20371
- DUNNELL, C. A.**
TRANET Doppler tracking system. 16 p2630 A67-31740
- DUNPHY, K. H.**
Energy coupling at a two-fluid plasma density discontinuity. 08 p1364 A67-21397
- DUNSON, W. A.**
The salt gland in a sea snake /Laticauda/. 21 p3573 A67-37898
- DUONG, H. T.**
Maps of the plates of a Fabry-Perot /Cartes des lames d'un Fabry-Perot/. 20 p3440 A67-36358
- DUPEYRAT, G.**
Study, using the theory of servomechanisms, of the stability of a one-dimensional polyphase flow in a porous medium /Etude, par la theorie des servomecanismes, de la stabilite d'un ecoulement polyphasique unidimensionnel dans un milieu poreux/. 16 p2609 A67-31713
- DUPHIL, J. P.**
Characteristics of the radio-engineering links of Diamant 1 and 2 launchers /Caracteristiques des liaisons radio-electriques des lanceurs Diamant no 1 et no 2/. 21 p3581 A67-38226
- DUPONT, A. A.**
Liquid hydrogen as a supersonic transport fuel. 13 p2188 A67-27635
- DUPONT, E. N.**
Radar observations of Venus at 23 cm in 1965/ 1966. 05 p0889 A67-16297
- DUPONT, J.**
Nuclear reactors in space for propulsion and onboard power supply /Les reacteurs nucleaires dans l'espace pour la propulsion et la fourniture de l'energie de bord/. 18 p3075 A67-33654
- DUPOUY, J. M.**
Dislocations in beryllium - Twinning and deformation by climbing /Les dislocations dans le beryllium - Maclage et deformation par montee/. 07 p1210 A67-20163
- Investigations on some deformation modes of beryllium. 11 p1810 A67-25093
- Compression of beryllium parallel to the C axis /Compression du beryllium parallelement a l'axe C/. 13 p2137 A67-27113
- Contribution to the study of the activation of prismatic slip in beryllium /Contribution a l'etude de l'activation du glissement prismatique du beryllium/. 13 p2138 A67-27115
- Electron-microscope study of the cold-working and tempering of beryllium single crystals /Etude au microscope electronique de l'ecrouissage et de la trempe du beryllium monocristallin/. 13 p2138 A67-27117
- DUPRAZ, J.**
PCM frame synchronization with a self-

- varying threshold. 11 p1764 A67-24434
Use of phase compression in a coherent tracking responder /Utilisation de la compression de phase dans un repondeur coherent de trajectographie/. 21 p3656 A67-38650
- DUPREE, A. K.**
Solar abundance determination from ultraviolet emission lines. 12 p2001 A67-25225
Population of atomic levels by dielectronic recombination. 17 p2947 A67-32762
- DUPREE, T. H.**
A perturbation theory for strong plasma turbulence. 02 p0275 A67-12551
Nonlinear theory of drift-wave turbulence and enhanced diffusion. 16 p2719 A67-31231
- DUPUIS, G.**
Present state and future possibilities of the technology of diverting propulsive jets by injection of a secondary fluid /Etat actuel et perspectives des techniques de deviation des jets propulsifs par injection fluide secondaire/. 01 p0142 A67-11409
- DUPUIS, R. A.**
Fluid drag on a sphere rolling in a tube. [ASME PAPER 67-APM-18] 17 p2840 A67-33149
- DUPUY, P.**
Electricity and telecommunications in vehicles moving in the space. IV /L'electricite et les telecommunications dans les vehicules circulant dans l'espace. IV/. 14 p2252 A67-28568
- DURAND, F.**
A model for the analysis of enthalpies and entropies of liquid binary alloys. 21 p3733 A67-39105
- DURAND, G.**
Magnetic depolarization of a vapor and polarization of a Zeeman laser. 05 p0818 A67-16644
Measurement of thermal diffusivity by the short signal method /Mesure de la diffusivite thermique par la methode du signal bref/. 24 p4153 A67-41906
- DURAND, T. S.**
Factors influencing glide path control in carrier landing. [AIAA PAPER 65-791] 09 p1441 A67-22494
- DURANTON, P.**
Study of the behavior of transistors in a phase inverter system at low frequencies /Etude du comportement des transistors dans le montage inverseur de phase aux frequences basses/. 01 p0038 A67-10770
Study of transistorized assemblies with a very high signal-to-noise ratio /Etude de montages transistorises avec rapport signal/bruit de fond tres eleve/. 03 p0379 A67-13389
- DURBIN, E. J.**
Air line flight recording - A passenger's point of view. 03 p0420 A67-13380
- DURELLI, A. J.**
Moire patterns of partial derivatives of displacement components. 05 p0909 A67-16142
Experimental strain and stress analysis of solid propellant rocket motors. 08 p1419 A67-20886
Moire fringes as parametric curves. 09 p1574 A67-21837
Applied Stress Analysis. 11 p1881 A67-25099
Photoelastic stress analysis on the bonded interface of a strip with different end configurations. 16 p2764 A67-30933
Gravitational stresses determined using immersion techniques. [ASME PAPER 67-APM-11] 17 p2964 A67-33146
Experimental stress analysis of loaded boundaries in two-dimensional second boundary value problems. 18 p3142 A67-33899 [SESA PAPER 1194]
Experimental stress analysis of loaded boundaries in two-dimensional second-boundary value problems. 21 p3722 A67-38435
- DURGAPRASAD, N.**
The energy spectrum of cosmic-ray heavy nuclei of charge Z greater than 10 during a solar quiet time in July. 04 p0692 A67-14960
The propagation of cosmic-ray nuclei in interstellar space and solar system. 08 p1378 A67-21473
Solar modulation of cosmic rays and its relationship to proton and helium fluxes, interstellar travel, and interstellar secondary production. 15 p2550 A67-29614
- DURGARIAN, S. M.**
Temperature field of a closed circular

- cylindrical shell /Temperaturnoe pole zamknutoi krugovoi tsilindricheskoj obolochki/. 12 p2034 A67-25606
On the determination of the nonaxisymmetric temperature field of an orthotropic hollow cylinder and sphere. 15 p2579 A67-29697
- DURIEU, J.**
The radial guidance - A new guidance scheme for space vehicles. 22 p3830 A67-39164
- DURIG, J. R.**
On the infrared spectra of HNCS and DNCS. 19 p3181 A67-35016
Vibrational spectra of SPC1 sub 3, SPC1 sub 2 F, SPCIF sub 2, and SPF sub 3. 23 p4041 A67-41242
Far-Infrared spectra and space group of crystalline hydrazine and hydrazine-d sub 4. 23 p4048 A67-41532
- DURLACH, N. I.**
On the application of the EC model to interaural JND's. 08 p1290 A67-20482
- DURNOVA, G. N.**
Cardiac changes under hypoxia -An experimental morphological study /Izmeneniya v serdse pri gpoksilskperimental'no-morfologicheskoe issledovanie/. 13 p2058 A67-26756
The effect of hypoxia on the cellular and humoral immunity of mice /Vliyanie gpoksila na kletochnyy i gumoral'nyy immunitet u myshel/. 16 p2612 A67-30906
- DUROUCHOUX, P.**
Observation of the isotropy of the primary diffuse X-ray flux between 20 and 80 kev /Observation de l'isotropie du rayonnement X primaire non localise entre 20 et 80 kev/. 19 p3313 A67-35244
- DURRAN, D. A.**
Electrode feed system for a segmented electrode MHD wind tunnel. 12 p1920 A67-25406
Electrode feed system for segmented electrode MHD accelerator. 19 p3177 A67-35774
Pressure gauge for plasmas subjected to large dynamic electric and magnetic fields. 20 p3444 A67-36529
Hot-shot gas source for pulsed MHD accelerator. 21 p3608 A67-38863
- DURRANI, S. H.**
Cross-polarization measurements and their relation to target surface properties. 02 p0192 A67-11603
- DURRETT, R. H.**
Amplitude and frequency characteristics of a ring laser. 04 p0635 A67-15777
- DURVASULA, S.**
Flutter of simply supported, parallelogrammic, flat panels in supersonic flow. 19 p3342 A67-35751
- DUSHIN, E. M.**
Optimum tuning of the correcting circuit of inertial devices /Optimal'naya nastroyka skhemy korrektsii inertsionnykh datchikov/. 03 p0426 A67-14286
- DUSHIN, L. A.**
Anomalous decay of a discharge plasma with oscillating electrons in a strong magnetic field /Anomal'nyi raspad plazmy razriada s ostsilirulushchimi elektronami v sil'nom magnitnom pole/. 02 p0278 A67-12620
Investigation of the spatial plasma density distribution on the basis of microwave beam refraction with several frequency components /Issledovanie prostranstvennogo raspredeleniya plotnosti plazmy po refraktsii mikrovolnovogo luch'a s neskol'kimi chastotnymi sostavilushchimi/. 02 p0278 A67-12624
Anomalous decay of the plasma in a PIG discharge in a strong magnetic field. 13 p2170 A67-27376
Spatial distribution of plasma density studied by refraction of microwave beam with several frequency components. 13 p2171 A67-27380
Plasma drift instability in a discharge with oscillating electrons /Drefovala neustoiichivost' plazmy razriada s ostsilirulushchimi elektronami/. 15 p2528 A67-29711
Drift instability of a discharge plasma with oscillating electrons /Drefovala neustoiichivost' plazmy razriada s ostsilirulushchimi elektronami/. 16 p2717 A67-31180
Anomalous decay of a discharge plasma with oscillating electrons in a strong magnetic field /Anomal'nyi raspad plazmy

- razriada s ostsilirulushchimi elektronami v sil'nom magnitnom pole/. 16 p2717 A67-31181
Comparison of microwave methods of plasma diagnostics /Sravnenie mikrovolnovykh metodov issledovaniya plazmy/. 21 p3670 A67-38688
Investigation of the spatial distribution of plasma density from the refraction of a microwave beam with several frequency components /Issledovanie prostranstvennogo raspredeleniya plotnosti plazmy po refraktsii mikrovolnovogo luch'a s neskol'kimi chastotnymi sostavilushchimi/. 21 p3670 A67-38689
- DUSHIN, V. K.**
Supersonic gas flow past blunt bodies - Theoretical and experimental studies /Obtekanie zatuplennykh tel sverkhzvukovym potokom gaza - Teoreticheskoe i eksperimental'noe issledovanie/. 03 p0349 A67-12851
- DUSHKOV, B. A.**
A study of the states of activity of a group of subjects contained in conditions of relative isolation /Izuchenie rezhimov zhiznedatel'nosti gruppy ispytatelei, nakhodivshchikhsia v usloviyakh otosniten'noi izolatsii/. 16 p2613 A67-30912
Change of human motion coordination during long confinement in a chamber of small volume /Izmenenie koordinatsii dvizhenii cheloveka pri dlitel'nom prebyvanii ego v kamere malogo ob'ema/. 16 p2613 A67-30914
Procedure for processing some motor characteristics in biomechanical investigations on an electronic digital computer /Metodika obrabotki na elektronnoi tsifrovoy vychislitel'noi mashine /ETSVM/ nekotorykh kharakteristik dvizheniya v biomekhanicheskikh issledovaniyakh/. 24 p4114 A67-41857
- DUSZEK, M.**
Plastic analysis of cylindrical shells subjected to large deflections. 10 p1715 A67-22922
- DUTE, J. C.**
Swept frequency modulation. 02 p0202 A67-12124
- DUTKOWSKI, H.**
Dependence of the A sub L coefficient on the geometric gap of ferrite cup cores /Zaleznosc wspolczynnika A sub L od szczelnosci geometrycznej ferrytowych rdzeni kubkowych/. 02 p0280 A67-11464
- DUTTA, S. K.**
Semi-empirical cross sections for electron impacts. 20 p3489 A67-37416
- DUTTON, D. W.**
Preliminary studies of a supersonic business jet. [SAE PAPER 670246] 12 p1895 A67-25501
- DUTTON, E. J.**
Estimation of radio ray attenuation in convective rainfalls. 21 p3582 A67-38577
- DUTTON, J.**
Ionization processes in helium at pressures near to atmospheric. 10 p1681 A67-22962
The motion of neon positive ions in neon. 19 p3271 A67-35074
- DUTTON, J. A.**
The theory of available potential energy and a variational approach to atmospheric energetics. 18 p3074 A67-34096
- DUTY, R. L.**
Estimated flight time for optimum trajectories. 11 p1859 A67-24436
- DUVAL, A.**
The concept of a mean temperature in the flame reaction zone. 23 p4082 A67-41141
Kinetic study of hydrogen-nitrous oxide flames. 23 p4082 A67-41142
- DUVAL, K.**
Optical superheterodyne receiver. 19 p1384 A67-35685
- DUVALL, B. W.**
A theory of meteor-induced micropulsations. 14 p2383 A67-28044
- DUVALL, D. S.**
Further heat-affected-zone studies in heat-resistant nickel alloys. 22 p3819 A67-39449
- DUVERGE, P.**
Meteorological factors in supersonic transport operations. 07 p1219 A67-19067
The effect of meteorological factors on flight conditions of supersonic aircraft /L'influence des facteurs meteorologiques sur les conditions des vols des avions supersoniques/. 07 p1129 A67-19679
- DUVVURI, T.**
Mixing, ignition, and combustion analysis

- of air augmented solid rockets with boron particles.
[AIAA PAPER 87-481] 18 p3158 A67-33950
- DVORAK, F. A.
Heat transfer in the constant property turbulent boundary layer. 08 p1426 A67-20927
- DVORKIN, V. IA.
Turnover of individual phospholipid fractions in the rat brain during hypoxia. 04 p0562 A67-15548
- DVORZHAK, I. I.
Position of the pilot's hands and feet on the cockpit controls during training on a simulator /Polozhenie konechnostei na shturnule samoleta vo vremia poteri soznaniia pri imitatsii poleta na trenazhere/. 20 p3374 A67-36264
- DWORETSKY, S.
Gross failure of the conventional adiabatic criterion - Structure and coherence in the low-energy excitation of helium atoms by helium ions. 15 p2519 A67-29330
- DWORKIN, E. J.
New methods for predicting electronic reliability. 01 p0042 A67-11372
- DWYER, H. A.
Thirteen-moment theory of the thermal force on a spherical particle. 16 p2661 A67-31221
- DWYER, O. E.
Recent developments in liquid-metal heat transfer. 10 p1734 A67-23631
- DYBBS, A. Z.
Effects of condenser parameters on heat pipe optimization. 13 p2222 A67-26844
- DYBDAL, R. B.
Mutual coupling between TEM and TE sub 01 parallel-plate waveguide apertures. 02 p0211 A67-11596
- DYBIN, V. B.
Convolution-type integral equations in the class of generalized functions. 16 p2698 A67-31735
- DYCE, R. B.
Mapping of lunar radar reflectivity at 70 centimeters. 02 p0324 A67-11856
Radar measurements at 70 cm of Venus and Mercury. 15 p2556 A67-29870
Radar determination of the rotations of Venus and Mercury. 15 p2556 A67-29872
Radar observations of Mars and Jupiter at 70 cm. 21 p3706 A67-38617
- DYE, D. L.
NDT techniques in radiation vulnerability of electronics systems. 09 p1471 A67-21868
- DYE, W. B.
Medical support of SR-71 program. 23 p3966 A67-41600
- DYEN, M. E.
2-Oxazolidones. 23 p3971 A67-41041
- DYER, M. K.
Product "traceability" for NASA space systems. 05 p0930 A67-17251
- DYER, R. W.
The laser now a production tool. 04 p0628 A67-15309
Optical considerations for viewing laser operations. 06 p1009 A67-17792
- DYHOUSE, G. R.
Simulated Martian sand and dust storms and effects on spacecraft coatings. 24 p4227 A67-42038
- DYKE, E.
Boithlas' and other papers on antenna coupling loss. 02 p0213 A67-11621
- DYKE, R. W.
Propelling hovercraft. 07 p1128 A67-19535
- DYKE, W. P.
Recent progress in compact flash X-ray systems. 02 p0245 A67-12215
An electron accelerator with a peak beam power of 10 super 10 watts. 04 p0599 A67-15327
- DYKES, B. C.
Strain measurement at temperatures from 500 to 1800 deg F. 01 p0071 A67-11096
- DYKHNE, A. M.
Effective conductivity of plasma in a magnetic field /Effektivnaia provodimost' plazmy v sil'nom magnitnom pole/. 16 p2711 A67-30539
A nonequilibrium-ionization wave in a gas /Volna neravnovesnoi ionizatsii v gase/. 19 p3286 A67-35347
Transport of high-intensity resonant radiation. 23 p4051 A67-40909
- DYKMAN, I. M.
Distribution function and mobility of electrons in polar semiconductors in the case of a nonparabolic dispersion law. 02 p0296 A67-11825
- Emission of hot electrons from polar semiconductors with a nonparabolic dispersion law /Emissia gorlachikh elektronov iz poliarnykh poluprovodnikov s neparabolicheskim zakonom dispersii/. 06 p1052 A67-18423
Effect of an electrical field on the magnetic resistance and Hall effect in polar semiconductors with a nonparabolic dispersion law /Vliianie elektricheskogo polia na magnetosoprotivlenie i effekt Kholla v poliarnykh poluprovodnikakh s neparabolicheskim zakonom dispersii/. 10 p1695 A67-23661
Influence of an electric field on the magnetoresistance and on the Hall effect in polar semiconductors with a nonparabolic dispersion law. 17 p2924 A67-33342
- DYMANUS, A.
Hyperfine structure of HDO and D sub 2 O by beam maser spectroscopy. 20 p3461 A67-37287
- DYMENT, J. C.
Hermite-Gaussian mode patterns in GaAs junction lasers. 09 p1513 A67-22133
- DYMENT, J. T.
Canada's role in the second decade of the space age - Inner space superconductors. [SAE PAPER 670901] 24 p4257 A67-42019
- DYMICHEV, B. S.
Diurnal variation of the predominant direction of the E and H vectors of SPP in the plane of the horizon and planetary relationship. 13 p2111 A67-26558
- DYMOCK, A. J.
A self adaptive system employing high speed parameter identification. 07 p1128 A67-19199
The identification of three parameters using a linear plant model. 15 p2420 A67-30340
- DYMOCK, C. B.
Aircraft autopilot actuators. 05 p0754 A67-17048
- DYMOND, L. W.
Opportunities for development of air transportation and elimination of subsidy through strengthening of smaller carriers. 19 p3348 A67-34977
- DYMSHITS, B. M.
Investigation of a constricted induced discharge /Issledovanie kontragirovannogo induktsionnogo razlada/. 17 p2897 A67-32176
- DYNER, H. B.
Simulation of total equilibrium shock layer radiation for three typical entry body shapes. [AIAA PAPER 87-324] 12 p1894 A67-28039
- DYNES, R. C.
Anisotropy of the energy gap in superconducting leadbismuth alloys. 03 p0501 A67-14341
- DYNKIN, E. B.
General supplementary conditions for boundary value problems with oblique derivatives. 02 p0259 A67-11920
General boundary conditions for Markov processes with a denumerable set of states /Obshchie granichnye uslovia dlia Markovskikh protsessov so schetnym mnozhestvom sostoianii/. 17 p2878 A67-32734
- DYONG, K. K.
Theory of characteristic vectors and its application to the study of the asymptotic behavior of the solutions to differential systems. I /Teoriia kharakteristicheskikh vektorov i ee prilozhenie k izucheniiu asimptoticheskogo povedeniia reshenii differentsial'nykh sistem. I/. 14 p2342 A67-28385
- DYRDA, V. I.
Relaxation function of elasto-hereditary materials in the presence of simple flow /O funktsii relaksatsii uprugoo-nasledstvennykh materialov pri nalichii prostogo techeniia/. 06 p1107 A67-18637
- DYSON, A.
Film thicknesses in elastohydrodynamic lubrication by silicone fluids. 09 p1506 A67-22193
- DYSON, P. L.
Magnetic field-aligned irregularities at mid-geomagnetic latitudes. 16 p2667 A67-31513
Comparison of irregular features appearing on ionograms recorded by topside and ground-based sounders. 16 p2667 A67-31515
Electron densities and scale heights in the midlatitude topside ionosphere. 23 p3994 A67-40775
Topside refractive irregularities and travelling ionospheric disturbances. 23 p3994 A67-40780
- DZAKOWIC, G. S.
Graphical estimation of nucleate boiling heat transfer. 17 p2966 A67-32033
An extension of the method for predicting incipient boiling on commercially finished surfaces. [ASME PAPER 87-HT-61] 20 p3549 A67-36743
- DZEGANOVSKII, V. P.
Hall effect and the fine structure of X-ray fluorescence and absorption K-spectra of vanadium in silicides /Effekt Kholla i tonkala struktura rentgenovskikh fluorestsentnykh i absorbtionnykh K-spektrov vanadiia v silitsidakh/. 01 p0101 A67-10935
- DZHAFAROV, A. S.
Asymptotic form of a uniform approximation of abstract functions by a single family of linear integral operators /Asimptoticheskikh vid ravnomernoi approksimatsii abstraktnykh funktsii odnim semeistvom lineinykh integral'nykh operatorov/. 14 p2341 A67-27834
- DZHAFAROV, T. D.
The effect of applied electric field on diffusion of impurities in gallium arsenide. 09 p1558 A67-22603
Band diagram of n-GaAs - n super plus - Ge heterojunctions /Zonnala diagramma n-GaAs - n super plus - Ge geteroperekhodov/. 15 p2542 A67-30241
- DZHAFAROVA, E. A.
The effect of transition metal impurities on the lifetime of minority carriers in N-Si. 05 p0865 A67-16967
The reactive properties of reverse-biased silicon p-n junction. 05 p0869 A67-17171
Study of electron lifetime in p-Si. 16 p2725 A67-30807
- DZHAKSIMOV, E.
Calculation of the effect of mutual "entrainment" on the Wiedemann-Franz law for semiconductors /Raschet vlianiia vzaimnogo "uvlecheniia" na zakon Videmana-Frantsa dlia poluprovodnikov/. 13 p2181 A67-27280
- DZHALILOV, B. N.
Solar thermoelectric generator with cylindrical solar-energy receiver /Solnechnyi termogenerator s tsilindricheskimi geliopriemnikom/. 18 p2990 A67-34491
- DZHANGIROV, A. IU.
Study of the phonon scattering at point defects in InSb-In sub 2 Te sub 3 alloy /Issledovanie rasselanii fononov na tochechnykh defektakh splava InSb-In sub 2 Te sub 3/. 16 p2730 A67-31156
- DZHAUGASHIN, K. E.
Hysteresis effects in plane MHD flows /Gistereticheskiye efekty v ploskikh MGD-techeniakh/. 06 p1043 A67-18671
Certain results of theoretical investigations of magnetogasdynamic flows /Nekotorye rezul'taty teoreticheskikh issledovani magnitogazodinamicheskikh skikh techenii/. 09 p1541 A67-21807
Hysteresis phenomena in conducting gas flows in the channel of an MHD energy converter. 09 p1444 A67-21859
Development of the flow of a conducting fluid in a diffuser /O razvitiu techeniia provodiashchey zhidkosti v diffuzore/. 13 p2169 A67-27313
Propagation of a plane jet of conducting fluid. 14 p2302 A67-28304
Estimation of the effect of the temperature dependence of conductivity on MGD flows /K otsenke vlianiia temperaturnoi zavisimosti provodimosti v magnitogazodinamicheskikh techeniakh/. 16 p2721 A67-31392
Certain problems in the theory of plane conducting-fluid jets /Nekotorye zadachi teorii ploskikh strui provodiashchey zhidkosti/. 24 p4195 A67-41930
- DZHAVADOV, G. G.
Spectrum of AM sequences of video pulse packages /Spektr amplitudno-modulirovannoi posledovatel'nosti pachek videoimpul'sov/. 07 p1140 A67-19233
- DZHIOEVA, D. I.
Measurement of thickness of thin films during their deposition in vacuum. 06 p1003 A67-18195
- DZHISHKARIANI, A. V.
Concerning the Ritz and Bubnov-Galerkin methods /O metodakh Rittsa i Bubnova-Galerkina/. 08 p1349 A67-21200

DZHORDZHIO, N. V.

Study of soft electrons and ions by means of traps on the Cosmos 5 satellite. 12 p1994 A67-25529

DZHUMANALIEV, N. D.

Small oscillations of black and white bodies stabilized by light pressure /O malykh kolebaniiakh cherno-belykh tel, stabilizirovannykh svetovym davleniem/. 21 p3713 A67-38598

DZHURAEV, A.

Index and normal solvability of a general linear boundary-value problem for a composite-type system of equations /Ob indeks i normal'noi razreshimosti obshchei lineinoi granichnoi zadachi dlia sistemy uravnenii sostavnogo tipa/. 13 p2144 A67-26380

Mutually adjoint boundary-value problems for systems of equations of composite type with two independent variables /O vzaimnosopriazhennykh granichnykh zadachakh dlia sistem uravnenii sostavnogo tipa s dvumia nezavisimymi peremennymi/. 14 p2344 A67-28670

Index and normal solvability of the general linear boundary value problem for a system of equations of composite type. 20 p3479 A67-37725

Linear boundary-value problem for a system of compound-type partial differential equations /Lineinai granichnaya zadacha dlia sistemy uravnenii s chastnymi proizvodnymi sostavnogo tipa/. 21 p3653 A67-38398

DZIADYK, V. K.

Two proofs for the Cauchy inequality between the arithmetical and geometrical means of a set of nonnegative numbers /Dva dokazatel'stva neravenstva Koshi mezhdu arifmeticheskimi i geometricheskimi srednimi sistemy neotritsatel'nykh chisel/. 04 p0643 A67-14728

Analytic and harmonic transformations and the approximation of harmonic functions /Ob analiticheskikh i garmonicheskikh preobrazovaniakh i o priblizhenii garmonicheskikh funktsii/. 23 p4023 A67-40923

DZIALO, F. J.

Flexural vibration of circularly stiffened circular plates with consideration of rotatory inertia. 23 p4073 A67-40613

DZIAMAN, D. D.

Effect of strong reflections from an underlying surface on measurements obtained with a range-only radar /Vlianie sil'nykh otrazhenii ot podstilalushchei poverkhnosti na rezul'taty radiolokatsionnykh izmerenii/. 16 p2624 A67-31030

DZIEDZIC, J. M.

Reduction of the susceptibility to optically induced index inhomogeneities in LiTaO sub 3 and LiNbO sub 3. 23 p4012 A67-40876

DZIENISZEWSKI, W.

Calculation of the flow parameters in a shock tube with allowance for ionization /Rownania statyczne odkształcenia płyt sprężonych o zmiennej grubości/. 05 p0790 A67-16249

DZUNG, L. S.

Influence of wall conductance on the performance of MHD generators with segmented electrodes. 16 p2599 A67-30526

MHD generators with ion slip and finite electrode segments. 16 p2599 A67-30527

DZVONIK, L. I.

Analytical solution of the problem of a hypersonic gas flow past a plane ogival body /Analiticheskoe reshenie zadachi obtekania ploskogo ozhliv'nogo tela giperzvukovym potokom gaza/. 17 p2791 A67-32868

DZYGADLO, Z.

Parametric self-excited vibration of a plate of finite length in plane supersonic flow. 13 p2218 A67-26804

Forced vibration of a plate of finite length in plane supersonic flow. 18 p3140 A67-33466

E

EAGLE, K. H.

Assessing performance readiness with the Saturn V reliability analysis model. 18 p3138 A67-34684

EAGLEFIELD, C. C.

Laser Light. 20 p3459 A67-36639

EAKIN, J. D.

A new technique for helicopter rotor blade service life substantiation. 10 p1622 A67-23431

EAKMAN, J. M.

Statistics and dynamics of microbial cell populations. 05 p0757 A67-17156

EARHART, J. R.

Some observations of the cosmic-ray event of April 18, 1965. 04 p0693 A67-14973

EARL, A. G.

Review of satellite combined attitude and orbit control systems. 05 p0905 A67-16729

EARL, J. P.

On uniform interpolation sets. 03 p0461 A67-13941

EARLE, J. G.

The IBM System/360 Model 91 - Floating-point execution unit. 11 p1755 A67-23951

EARLY, L. B.

Business forecasting for communication satellite systems. [AIAA PAPER 66-322] 06 p1120 A67-17708

EARNST, S. A.

Adhesives for aluminum. 06 p1020 A67-18062

EARNSHAW, J. B.

A transistor-diode feedback type logic circuit. 01 p0038 A67-10817

A tunnel diode peak and valley current measuring set. 02 p0216 A67-12037

EARNSHAW, J. C.

The momenta of muons in extensive air showers. 06 p1076 A67-17651

EASSON, R. M.

Simultaneous A.C. and D.C. currents in ring shaped type II superconductors. 18 p3098 A67-33521

Flux penetration and A.C. losses in superconducting niobium. 22 p3857 A67-39491

EASTER, B.

Some aspects of distortion in tunnel-diode amplifiers. 05 p0775 A67-16945

EASTERLING, M.

Methods for obtaining velocity and range information from CW radars. 04 p0574 A67-15046

EASTLUND, B. J.

Wave-excited anomalous diffusion in a fully ionized magnetoplasma. 08 p1360 A67-21125

Influence of drift waves upon transverse diffusion in a fully ionized magnetoplasma. 11 p1835 A67-24387

Influence of drift waves upon transverse diffusion in a fully ionized magnetoplasma. 16 p2720 A67-31242

EASTMAN, G. Y.

Review of fossil-fuel-fired thermionic energy converters. 09 p1448 A67-22341

EASTMAN, L. F.

Properties of noise generation mode of operation of Gunn effect. 09 p1556 A67-22263

High power pulsed microwave generation in gallium arsenide. 11 p1787 A67-24721

EASTON, A. J.

The Khor Temiki meteorite. 24 p4234 A67-42629

EASTON, J.

Wafer-thin sensors yield differential pressure. 11 p1795 A67-25061

EATHER, R. H.

Red shift of auroral hydrogen profiles. 03 p0409 A67-12943

Secondary processes in proton auroras. 11 p1784 A67-23927

Auroral proton precipitation and hydrogen emissions. 23 p3993 A67-40564

EATON, J. M.

STOL commercial and business transports. 12 p1894 A67-25492

STOL transport design. 20 p3362 A67-37530

EATOUGH, R. G.

Expulsion of storable propellants utilizing a volatile liquid as the pressurizing medium. 17 p2953 A67-31973

EBELING, A. W.

Aerodynamic design of the DC-9 wing and high-lift system. [SAE PAPER 670846] 24 p4093 A67-41999

EBELING, W.

Conductance theory for electrolytes and weakly ionized plasmas. II /Zur Theorie der Leitfähigkeit von Elektrolyten und schwach ionisierten Plasmen. II/. 04 p0670 A67-15579

Statistical thermodynamics of bound states in plasmas /Statistische Thermodynamik der gebundenen Zustände in Plasmen/. 09 p1550 A67-22864

Quantum statistics of a high-temperature plasma in thermodynamical balance

/Quantenstatistik des Hochtemperatur-Plasmas im thermodynamischen Gleichgewicht/. 18 p3089 A67-34300

EBENEZER, J. S.

Analytical solution of a steady cylindrical flame. 07 p1265 A67-19076

EBEOGLU, D. B.

Solar proton activation of the lunar surface. 05 p0885 A67-17386

Lunar surface nuclear experiment package. 19 p3229 A67-35318

EBERHARDT, E. H.

Multiplier phototubes as quantum counters. 05 p0807 A67-16791

EBERHARDT, P.

Super 81 Kr in meteorites and super 81 Kr radiation ages. 11 p1866 A67-24692

Trapping of the solar wind in solids. 11 p1825 A67-25079

The isotopic composition of krypton in unequilibrated and gas rich chondrites. 22 p3881 A67-39494

EBERHARDT, W. H.

Magnetically induced circular dichroism and birefringence in single lines of the electronic spectrum of ICl. 22 p3758 A67-39638

EBERHART, J.-P.

Effect of vacuum on the sintering temperature /Effet du vide sur la température de soudage/. 06 p1006 A67-17559

EBERHART, R. C.

The energy balance for a high current argon arc. 01 p0125 A67-10976

EBERL, W.

Transmitting media /Uebertragungsmittel/. 07 p1141 A67-19340

EBERSOLE, R.

Biosatellite environmental control and life support system design. [SAE PAPER 670839] 24 p4114 A67-41995

EBERT, L. J.

Brittle fracture in alpha-titanium. 06 p1014 A67-17807

EBERT, R.

Gravitational instabilities of a plasma subjected to differential rotation /Gravitationsinstabilitäten eines Plasmas bei differentieller Rotation/. 15 p2528 A67-29662

EBERT, W.

The decay and generation of an arc discharge without heat convection in the absence of gravity. 14 p2354 A67-27760

Calculation of the ionization of an argon-cesium mixture flowing in a transverse magnetic field /Rechnungen zur Ionisierung eines stromenden Argon-Cesium-Gemisches im transversalen Magnetfeld/. 17 p2900 A67-32338

Investigation of convection-free arcs in absence of gravity. 19 p3280 A67-35149

EBISAWA, S.

Adsorption, surface reaction, and mutual displacement of CO, CO sub 2 and O sub 2 on titanium film. 19 p3244 A67-34941

EBLING, W. F.

Some practical considerations in the fabrication of printed glaze resistors and circuits. 12 p1916 A67-25996

EBNER, G. C.

Static V-I relationships in transistors at high injection levels. 04 p0585 A67-15621

EBRAHIMZADE, T. D.

Thermodynamic approach to a binary channel with noise /Termodinamicheskii podkhod k dvochnomu kanalu s shumom/. 03 p0372 A67-14057

ECCLES, D.

A quick method of using topside ionograms for ionospheric investigations. 24 p4147 A67-42056

The integrated electron content in the equatorial ionosphere. 24 p4148 A67-42063

ECCLES, E. S.

The use of a digital computer for on-line control of a jet engine. 13 p2074 A67-27190

ECKER, C. J.

Metallography of 5Al-2.5Sn titanium alloy. 08 p1340 A67-20365

ECHIGO, R.

Evaluation of band emissivities of carbon dioxide and water vapour. 22 p3918 A67-40042

ECHOLS, F. L.

Statistical analysis of thrust vector characteristics for rocket engine clusters. 22 p3869 A67-40170

ECK, B.

Engineering fluid dynamics /Technische Strömungslehre/. 7th revised Edition. 06 p0982 A67-17660

- ECK, R. V.
Organic molecules and the coloration of Jupiter. 07 p1246 A67-19057
Venus - Atmospheric evolution. 07 p1256 A67-20022
Thermodynamic equilibria in planetary atmospheres. 09 p1566 A67-22236
- ECKARDT, R. C.
Magnetic Q spoiling of cooled ruby. 02 p0253 A67-12505
- ECKBRETH, A. C.
Current pattern stabilization in pulsed plasma accelerators. [AIAA PAPER 67-656] 21 p3689 A67-38692
- ECKEL, K. G.
Expense versus time in orbital transfer to rendezvous. 02 p0328 A67-12407
- ECKENSTEIN, R. B.
Aluminum dip brazing. 10 p1660 A67-23007
- ECKER, G.
Negative characteristic and instability of the collision-dominated column. 16 p2719 A67-31229
Problems of the plasma in equilibrium. 19 p3285 A67-35345
- ECKERLE, K. L.
Measurements of Stark profiles of C II and Ca II lines. 19 p3299 A67-36092
- ECKERLIN, H. M.
A method of air gauge circuit analysis. 14 p2252 A67-28353
- ECKERMAN, J.
Interferometric analysis of density fluctuations in hypersonic turbulent wakes. [AIAA PAPER 65-809] 01 p0007 A67-11166
- ECKERSLEY, A.
Some electromagnetic compatibility grounding and shielding considerations in titanium aircraft structures. 20 p3405 A67-37643
- ECKERT, E. R. G.
Heat transfer bibliography. 01 p0167 A67-10978
Film cooling with helium injection into an incompressible air flow. 06 p1118 A67-18385
Introduction to heat and material exchange /Einfuehrung in den Waerme-und Stoffaustausch/. /3rd revised edition/. 07 p1268 A67-20039
Transpiration cooling of a constricted electric arc heater. 10 p1698 A67-23122
Study of electric arc behavior with superimposed flow. [AIAA PAPER 66-479] 10 p1685 A67-23123
Heat transfer bibliography. 17 p2969 A67-32450
Energy transfer studies in a wall-stabilized, cascaded arc. 19 p3279 A67-35141
Measurement of local heat transfer caused by supercritical airflow through a grid of rectangular bars. [ASME PAPER 67-HT-74] 20 p3550 A67-38754
Experimental studies of the electrode heat transfer in a MPD arc configuration. [AIAA PAPER 67-673] 21 p3691 A67-38706
Symptomatic behavior of an electric arc with a superimposed flow. [AIAA PAPER 67-675] 21 p3871 A67-38708
Plasma energy transfer to a surface with and without electric current. 24 p4197 A67-42331
- ECKERT, K.-D.
Phase synchronization of HF oscillators of identical and adjacent frequencies /Phasensynchronisation von HF-Oszillatoren gleicher und dicht benachbarter Frequenzen/. 21 p3590 A67-37947
- ECKERT, R. E.
Effect of film processing on cryogenic properties of poly/ethylene terephthalate/. 24 p4176 A67-42469
- ECKERT, W. J.
The equations of variation in a numerical lunar theory. 08 p1382 A67-20395
- ECKERTOVA, L.
Electrical properties and electron emission of sandwich cathodes /Elektrische Eigenschaften und Elektronenemission von Sandwich-Kathoden/. 02 p0294 A67-11761
- ECKHARDT, D. H.
Lunar physical libration theory. 18 p3129 A67-34307
- ECKHARDT, W. O.
Electron-bombardment thrusters using liquid-mercury cathodes. 13 p2188 A67-26822
LM cathode electron-bombardment thrusters. [AIAA PAPER 67-667] 21 p3690 A67-38701
- ECKHART, F. F.
Pilot techniques for obtaining an airplane's longitudinal short period response for analysis. 14 p2244 A67-27741
- ECKHARTT, D.
Resistive diffusion of cesium plasma in a stellarator. 01 p0125 A67-10914
- ECKHAUS, W.
Influence of density in the Sommerfeld diffraction problem /Sur l'influence de l'epaisseur dans le probleme de diffraction de Sommerfeld/. 04 p0715 A67-15583
- ECKHAUSE, M.
A measurement of the lifetime of the 14.4 kev level of super 57 Fe. 03 p0471 A67-13225
A modular 100 mc/sec digital timer. 06 p1001 A67-17852
- ECKHOFF, H. KR.
On the active region corona and the interpretation of type I bursts. 08 p1377 A67-21445
- ECKMAN, P. K.
Planetary contamination. 10 p1601 A67-23580
- ECKSTEIN, M.
Satellite motion for all inclinations around an oblate planet. 08 p1382 A67-20398
- ECKSTEIN, M. C.
Ascent or descent from satellite orbit by low thrust. 04 p0704 A67-14828
An approximate solution for ascending low-thrust trajectories without singularity. 05 p0903 A67-17363
Low-thrust elliptic spiral trajectories of a satellite of variable mass. 17 p2948 A67-33022
Uniformly valid asymptotic solution of nonplanar earth-to-moon trajectories in the restricted four-body problem. 21 p3705 A67-38613
- ECONOMIDES, E.
Correlation between maximum aerobic work and anthropometric and spirometric parameters /Relazione fra il massimo lavoro aerobico e i parametri antropometrici e spirometrici/. 16 p2614 A67-31472
- ECONOMY, J.
Use of boron nitride fibers in composites. 03 p0452 A67-13409
Single crystal fiber reinforcements. 03 p0453 A67-13411
Whisker-reinforced plastics. 05 p0832 A67-16167
Boron nitride fibers. 21 p3649 A67-37886
- ECOTIERE, B.
A gap antenna /Antenne lacunaire/. 12 p1914 A67-25311
- EDAGAWA, H.
Si-Si oxide interface. 02 p0293 A67-11751
- EDEY, E. E.
The use of associative processors in radar tracking and correlation. 17 p2813 A67-32471
- EDDOLLS, D. V.
The preparation and properties of epitaxial gallium arsenide. 10 p1692 A67-23510
- EDDY, L. D.
Calibration of limed filter paper for measuring short-term hydrogen fluoride dosages - The effect of temperature, humidity, wind speed, and dose. 16 p2675 A67-31211
- EDDY, R. E.
Space environment simulator for materials studies at NASA Ames. 07 p1163 A67-19384
- EDELBAUM, T. N.
Optimization problems in powered space flight. 08 p1384 A67-20620
Minimum impulse transfers in the near vicinity of a circular orbit. 15 p2554 A67-29405
- EDELBERG, A.
Saturn V dynamic test vehicle instrumentation and data acquisition system. 12 p1923 A67-25709
- EDELEN, D. G. B.
Lorentz invariance, momentum-energy tensors and the MHD problem. 10 p1685 A67-23083
A cosmological kinematics with peculiar motions. 18 p3117 A67-33427
- EDELMAN, F. L.
Microhardness of indium antimonide /Mikroverlost' antimonida indila/. 03 p0489 A67-13093
- EDELMAN, I. S.
Contribution to the theory of switching of thin ferromagnetic films. 08 p1368 A67-20607
- EDELMAN, R. E.
Aerospace castings produced from magnesium-lithium-silicon alloy. 07 p1193 A67-20254
- EDELS, H.
Measurements of the decay of arc column temperature following interruption. 05 p0650 A67-16068
- Electrical conductance decay of interrupted arc columns. 05 p0850 A67-16069
A technique for the measurement of transient electrical conductance of plasma columns /Metod izmerenila nestatsionarnoi elektroprovodnosti plazmennogo stolba/. 17 p2896 A67-32166
- EDELSON, D.
Mobilities and reactions of ions in argon. 20 p3492 A67-37690
- EDEN, R. C.
Experimental evidence for optical population of the X minima in GaAs. 11 p1803 A67-24998
- EDEN, R. Q. E.
Fuel for Concorde. I. 16 p2734 A67-31809
Fuel for Concorde. II. 18 p3110 A67-34533
- EDENBOROUGH, H. K.
Investigation of tilt-rotor VTOL aircraft rotor-pylon stability. [AIAA PAPER 67-17] 06 p0948 A67-18254
- EDENHOFER, P.
Variations of tropospheric and ionospheric models and parameters affecting the propagation of satellite signals. 01 p0028 A67-11431
- EDERER, D. L.
Instrumental aspects of synchrotron XUV spectroscopy. 11 p1788 A67-23965
- EDESKUTY, F. J.
The calibration of flowmeters with liquid hydrogen in the region between 1000 and 7000 gpm. 03 p0422 A67-13771
Liquid hydrogen in nuclear rocket testing. 05 p0789 A67-17013
Cooldown of cryogenic transfer systems. [AIAA PAPER 67-475] 18 p3157 A67-33945
- EDGERTON, D., JR.
Reliability demonstration during category II and III testing. 18 p3138 A67-34652
- EDINGER, L. D.
Design of elastic mode suppression systems for ride quality improvement and application to an SST. [AIAA PAPER 67-571] 19 p3174 A67-35967
- EDMONDS, D. K.
Comparison of mass limiting two-phase flow in a straight tube and in a nozzle. 13 p2093 A67-26541
A pressure-drop study of Freon-11, near saturation. 13 p2106 A67-27668
- EDMONDS, F. N., JR.
Amplitude distributions of solar photospheric fluctuations. 10 p1711 A67-23795
- EDNEY, B. E.
Temperature measurements in a hypersonic gun tunnel using heat-transfer methods. 09 p1486 A67-22414
- EDRICH, J.
Low-noise parametric self-resonance amplifiers with wide bandwidths /Rauscharme parametrische Eigenresonanzverstärker mit grosser Bandbreite/. 02 p0220 A67-12204
Cooled parametric amplifiers and demands on their refrigeration systems. 14 p2278 A67-27783
- EDRIDGE, A. L.
Gunn-effect oscillators with vapour-grown contact layers. 07 p1153 A67-19609
The fabrication of Gunn effect devices. 10 p1616 A67-23531
- EDRINGTON, T. S.
Probability distribution of latitudes of re-entry and impact following decay of polar orbits. 04 p0706 A67-15233
- EDWARDS, A. W. T.
Theory of an inert gas method for regional pulmonary blood flow in bronchosprometry. 07 p1133 A67-19477
- EDWARDS, C. P.
A continuous ice nucleus counter and its application to tracking in the troposphere. 10 p1654 A67-22818
- EDWARDS, D. B. G.
High-speed analogue-digital convertor. 04 p0593 A67-15636
- EDWARDS, D. F.
Electron recombination in laser-produced hydrogen plasma. 04 p0665 A67-15109
Spectroscopic studies of laser-produced hydrogen plasma. 05 p0852 A67-16653
- EDWARDS, D. H.
The structure of the wave front in spinning detonation. 02 p0232 A67-11564
On the coupling between spinning detonation and oscillations behind the wave. 03 p0402 A67-13465
- EDWARDS, D. K.
Far infrared reflectance of spacecraft coatings.

- [AIAA PAPER 65-653] 03 p0447 A67-13033
Effect of polarization on radiant heat transfer through long passages.
[ASME PAPER 66-WA/HT-32] 04 p0725 A67-15440
Rotation-induced, free-convection heat transfer in a zero-gravity field.
06 p1119 A67-18864
Effect of polarization on radiant heat transfer through long passages.
[ASME PAPER 66-WA/HT-32] 15 p2579 A67-29319
Effect of side walls on natural convection between horizontal plates heated from below.
[ASME PAPER 67-HT-4] 20 p3544 A67-36703
Radiation heat transfer in nonisothermal nongray gases.
[ASME PAPER 66-WA/HT-25] 20 p3555 A67-37607
- EDWARDS, D. K., III
Study of heat balance in full pressure suits. 09 p1455 A67-21731
- EDWARDS, G.
Concorde in prospect. 22 p3744 A67-39339
- EDWARDS, G. R.
Anglo-French collaboration - The present and some thoughts for the future. 03 p0362 A67-14379
- EDWARDS, H. H.
Cryotron storage cells for random access memories. 11 p1765 A67-24625
- EDWARDS, J. A.
High resolution F. M. C. W. radar for emergency-vehicle guidance in fog. 09 p1528 A67-22630
- EDWARDS, J. G.
An automatic tracer of characteristic curves for optically pumped lasers. 12 p1952 A67-25333
Some factors affecting the pumping efficiency of optically pumped lasers. 13 p2129 A67-27349
The effects of scattering and mirror reflectivity on the performance of a ruby laser. 15 p2502 A67-30427
An accurate carbon cone calorimeter for pulsed lasers. 24 p4154 A67-42174
- EDWARDS, J. H.
HF skywave propagation model for interference prediction. 20 p3387 A67-37646
- EDWARDS, K. J.
Periodic fluctuations in the signals from Cosmos 5. 06 p0964 A67-18766
- EDWARDS, K. R.
Instabilities associated with fluctuations of the Hall parameter and electrical conductivity in MHD generators /Neustoiichivost', svlazzannyye s kolebaniami parametra Kholla i elektroprovodnosti v MGD-generatorakh/. 17 p2898 A67-32181
- EDWARDS, L. L.
Heat transfer in the thermally decomposing ozone system - Experimental investigation. 05 p0925 A67-16270
- EDWARDS, O. J.
Optical transmittance of fused silica at elevated temperatures. 01 p0138 A67-11074
- EDWARDS, P. J.
Discussion of letter by Oscar P. Manley and Jack W. Carpenter, "Starfish debris measurements from Cosmos 5." 03 p0506 A67-12962
Upper limits to the hard X-ray flux from the quiet sun and Jupiter. 13 p2189 A67-26302
- EDWARDS, R.
Ripple performance and choice of sampling frequency for a direct digital control system. 02 p0225 A67-12073
- EDWARDS, R. H.
Distribution function and temperatures in a monatomic gas under steady expansion into a vacuum. 13 p2104 A67-26982
Radiant heat transfer from isotropic dispersions with isotropic scattering. [ASME PAPER 67-HT-8] 20 p3544 A67-36706
- EDWARDS, S. F.
The statistical mechanics of polymerized material. 22 p3826 A67-40201
- EDWARDS, S. S.
Noise and the SST. 03 p0360 A67-13920
Noise and the SST. 09 p1439 A67-21703
- EDWARDS, W. B.
Some aspects of the control of multishaft jet engines. [SAE PAPER 670139] 09 p1559 A67-21770
- EDWARDS, W. H.
Experience of the defense communications agency in operating pilot satellite communications. 06 p0979 A67-17668

- EELROSE, J. S.
The "Berlin" warming. 14 p2313 A67-28621
- EFENDIEVA, M. A.
Application of harmonic analysis in the study of magnetic anomalies /O primenenii garmonicheskogo analiza pri izuchenii magnitnykh anomalii/. 05 p0802 A67-17150
Use of harmonic analysis in the study of magnetic anomalies. 21 p3619 A67-38492
- EFFERTZ, F. H.
Matrix algorithm for calculating the mean square error for the synthesis of optimum control systems /Ein Matrizenalgorithmus zur Berechnung des mittleren Fehlerquadrats fuer die Synthese optimaler Regelungssysteme/. 13 p2087 A67-28612
- EFIMCHIK, M. K.
High-speed tunnel-diode scalar /Bystrodelstvulusschala pereschetnala lachelka na tunnel'nykh diodakh/. 03 p0376 A67-14266
- EFIMENKO, G. D.
Brain hemodynamics during prolonged hypokinesia /Gemodinamika golovnogo mozga v protsesse dlitel'noi gipokinezii/. 20 p3368 A67-36266
Changing of the psychophysiological state of the organism by autogenous and exogenous suggestion /Izmenenie psikhofiziologicheskogo sostoiianiia organizma putem autogennogo i ekzogenno vnusheniia/. 24 p4112 A67-41855
- EFIMKOV, V. F.
Semiconductor CdSe laser with two-photon optical excitation. 04 p0633 A67-15299
Semiconductor lasers using optical pumping. 06 p1013 A67-18930
Semiconductor laser employing GaAs under optical excitation by radiation of a quantum energy close to the width of the forbidden band /Poluprovodnikovyi kvantovyi generator na GaAs pri opticheskoi vzbuzhdenii izlucheniem s energiei kvantov, blizkoi k shirine zapreshchennoi zony/. 09 p1512 A67-21973
GaAs semiconductor laser optically excited by radiation having energy close to the forbidden band width. 17 p2870 A67-33310
- EFIMOV, A. I.
Structural sensitivity of the plastic properties of molybdenum alloys produced by electron-beam fusion /O strukturnoi chuvstvitel'nosti plasticheskikh svoystv molybdenovykh splavov elektronno-luchevoi plavki/. 01 p0101 A67-10938
Attenuation of radio waves in interplanetary space and in the space about the sun. 03 p0368 A67-13278
Fluctuation characteristics and spectrum of radio waves in the interplanetary medium /Fluktuatsionnye kharakteristiki i spektr radiovoln v mezplanetnoi srede/. 04 p0575 A67-15163
Analysis of the stress-strain state and of the nature of damage of the surface layers of nozzle blades /Analiz napriazhennogo sostoiianiia i kharakter razrusheniia poverkhnostnykh sloev soplovykh lopatok/. 13 p2187 A67-26451
High-temperature internal friction in nickel-chromium alloys /Vysokotemperaturnoe vnutrennee trenie v splavakh nikel'-khrom/. 14 p2338 A67-28675
Fluctuation characteristics and spectrum of radio waves in interplanetary medium. 15 p2435 A67-29350
Investigation of reflection of meter radio waves from the lunar surface /Issledovanie otrazhenii metrovykh radiovoln poverkhnosti lu luny/. 17 p2948 A67-32976
The structure sensitivity of the plastic properties of molybdenum alloys produced by electron-beam melting. 22 p3820 A67-39790
- EFIMOV, A. V.
Optimal approximations by trigonometrical polynomials for classes of periodic functions /O nailuchshikh priblizheniiakh klassov periodicheskikh funktsii trigonometricheskimi polinomami/. 03 p0459 A67-13645
- EFIMOV, G. B.
On optimum acceleration in a central field. 16 p2744 A67-30737
- EFIMOV, I. A.
Elastic stability of three-layer cylindrical shells filled with a corrugated metal sheet under combined loads /Uprugaiia ustoiichivost' trekhslonnykh tsilindricheskikh obolochek s zapolnieniem iz gofra pri kombinirovannykh nagruzkakh/. 21 p3724 A67-38766

- Stability of three-layer cylindrical shells in the elastic and inelastic domains /Ustoiichivost' trekhslonnykh tsilindricheskikh obolochek v uprugoi i neuprugoi oblastakh/. 21 p3727 A67-38840
- EFIMOV, I. U.
Some results of neutron measurements in the atmosphere. 02 p0312 A67-12606
Measurement of the flow of epithermal neutrons in the upper layers of the atmosphere by the method of indium activation /Izmerenie potoka nadteplovnykh neutronov v verkhnikh slolakh atmosfery metodom aktivatsii indila/. 21 p3622 A67-39031
- EFIMOV, N. N.
Method of taking atmospheric effects into account in studies of the sidereal-diurnal variations of extensive atmospheric cosmic-ray showers /Metodika ucheta atmosferynykh effektiv pri issledovanii zvezdno-sutochnykh variatsii shal kosmicheskikh luchei/. 16 p2741 A67-31900
- EFIMOV, V. V.
The structure of the conduction band and the anisotropy of the electron scattering in n-GaAs. 06 p1064 A67-18943
- EFIMOVA, B. A.
Study of the band structure and the current-carrier scattering mechanism in tin telluride /Issledovanie zonnol struktury i mekhanizma rasselaniia nositelei toka v telluride olova/. 19 p3300 A67-34766
- EFINGER, H. J.
Outline of alternative approaches to particle solutions obeying Einstein's gravitation theory. 18 p3077 A67-33553
- EFREMOVA, G. D.
Study of the magnetic method of measuring the electrical conductivity of ionized gases /Izuchenie magnitnogo metoda izmereniia elektroprovodnosti ionizirovannykh gazov/. 03 p0478 A67-13604
Magnetic method of measuring the electrical conductivity of ionized gases. 18 p3090 A67-34469
- EFROS, A. L.
Strong injection in a nondegenerate p-n junction. 02 p0296 A67-11827
Theory of kinetic phenomena in semiconductors having a small mobility. 23 p4043 A67-41299
- EGAN, R. D.
Digital recording and short-term prediction of oblique ionospheric propagation. 16 p2625 A67-31340
- EGAN, W. G.
Polarimetry signature of terrestrial and planetary materials. 01 p0059 A67-10331
Polarimetric measurements of simulated lunar surfaces. 16 p2754 A67-31749
- EGANIAN, I. L.
Young's modulus and the magnetic saturation of ordering Ni sub 3 Fe-Ni sub 3 Mn alloys at high temperatures /Modul' iunga i magnitnoe nasyschenie uporiadochivalushchikhsia splavov Ni sub 3 Fe-Ni sub 3 Mn pri vysokikh temperaturakh/. 20 p3468 A67-37178
- EGAWA, H.
Avalanche characteristics and failure mechanism of high voltage diodes. 07 p1156 A67-19899
- EGELAND, A.
Carl Stormer's height measurements of aurora. 06 p0997 A67-18694
A statistical study of Carl Stormer's height measurements of Aurora Borealis. 18 p3033 A67-33588
Influence of high-latitude disturbances on VLF propagation. 18 p3004 A67-34426
- EGGEN, O. J.
Examination of the evidence for the existence of pygmy stars. 17 p2945 A67-32645
- EGGER, A.
Concepts for a stored program data acquisition system. 14 p2275 A67-28690
- EGGER, M. D.
New reflected-light microscope for viewing unstained brain and ganglion cells. 18 p2991 A67-34530
- EGGERS, A. J., JR.
Lifting entry vehicles for future space missions. [AIAA PAPER 66-956] 03 p0520 A67-14140
Lifting entry vehicles for future space missions. 09 p1572 A67-22671
Progress and problems in atmosphere entry. 16 p2760 A67-30720
- EGGERS, G.
Vertical-flight technology as a basis for

- new design principles in aircraft construction /Die Vertikalflugtechnik als Grundlage neuer Bauprinzipien im Flugzeugbau/. 04 p0550 A67-14410
- VTOL technique and an advanced aircraft design /Die Vertikalflugtechnik im Rahmen fortschrittlicher Flugzeuggestaltung/. 07 p1130 A67-20220
- EGGERS, R. E.
A method of preventing burn-out of depressed collectors in high power TWTs. 15 p2447 A67-29754
- EGGLESTON, F. K.
Flat plate thermoelectric solar cells - Manufacturing process and life testing. 08 p1283 A67-20648
- EGIDI, A.
Plasma measurement on Explorer 33. 19 p3319 A67-35245
- EGLE, D. M.
An analysis of free vibration of orthogonally stiffened cylindrical shells with stiffeners treated as discrete elements. [AIAA PAPER 67-71] 07 p1262 A67-19434
An investigation of an impact vibration absorber. [ASME PAPER 67-VIBR-10] 11 p1795 A67-24170
- EGOROV, A. A.
Generator for powerful pulses of complex shape /Generator moshchnykh impul'sov slozhnoi formy/. 03 p0388 A67-14267
- EGOROV, A. D.
Problems of automation of operative medical control in space flight /Problemy avtomatizatsii operativnogo vrachebnogo kontrolya v kosmicheskom poletе/. 16 p2618 A67-30902
- EGOROV, A. I.
Optimal processes in distributed parameter systems and certain problems in invariance theory. 04 p0647 A67-15874
Conditions of the optimality of systems containing components with distributed parameters /Uslovia optimal'nosti sistem, soderzhashchikh zven'ia s raspredelennymi parametrami/. 07 p1159 A67-19138
- EGOROV, B. B.
Effect of the factors of cosmic flight of the satellite ship Voskhod on the Microspore tradescantia Paludosa. 07 p1133 A67-19109
Problems of automation of operative medical control in space flight /Problemy avtomatizatsii operativnogo vrachebnogo kontrolya v kosmicheskom poletе/. 16 p2618 A67-30902
- EGOROV, I. A.
Recorder for an "SKL" cosmic-ray station /Registrator dlya stantsii kosmicheskikh luchей "SKL"/. 17 p2854 A67-32098
- EGOROV, P. I.
Some problems in the selection of research astronauts /Nekotorye problemy otora kosmonavtovissledovateley/. 13 p2062 A67-26763
Influence of some extreme effects on the functional state of the stomach /Vlianie nekotorykh ekstremal'nykh vozdeystviy na funktsional'noe sostoyanie zheludka/. 16 p2613 A67-30915
- EGOROV, V. A.
Moon-to-earth return trajectories /O traektoriyakh vozvrashcheniya ot lunny k zemle/. 21 p3704 A67-38584
- EGOROV, V. D.
Linear buildup of photoconductivity in semiconductors /Zum linearen Anklängen der Photoleitfähigkeit in Halbleitern/. 09 p1551 A67-21668
- EGOROV, V. S.
Experimental methods for determining the heat resistance of refractory materials /Eksperimental'nye metody opredeleniya termotokostoi tugoplavkikh materialov/. 07 p1198 A67-19128
- EGOROVA, I. V.
Thin-film photoelectric converters /Plenochnye fotoelektricheskie preobrazovateli/. 04 p0553 A67-14664
- EGORSHIN, A. A.
Calculation of shock waves in water - Reflection of a plane shock wave from a rigid wall /Raschet udarnykh voln v vode - Otrazhenie ploskoi udarnoi volny ot zheskoi stenki/. 21 p3611 A67-38058
- EGSTROM, G. H.
Perceptual narrowing in novice divers. 14 p2256 A67-28662
- EGUNOVA, S. P.
Nonlinear oscillations of plates under the simultaneous effect of a harmonic and a random load /Nekotorye zadachi o nelineynykh kolebaniyakh plastin pri odnovremennom deystvii garmonicheskoi i sluchainoi nagruзки/. 12 p2024 A67-25597
- EHLE, A. W.
Plasma formed by a laser pulse on a tungsten target. 06 p1041 A67-18149
- EHLE, E. A.
Development of a compiler for GPATS. 03 p0376 A67-14222
- EHLE, H.
A study of a sorption process. 09 p1533 A67-22115
- EHLE, J.
The transition from wave optics to geometrical optics in the general theory of relativity /Zum Uebergang von der Wellenoptik zur geometrischen Optik in der allgemeinen Relativitätstheorie/. 23 p4027 A67-41146
- EHLE, R. C.
Effect of uncooled inlet length and nozzle convergence angle on the turbulent boundary layer and heat transfer in conical nozzles operating with air. [ASME PAPER 67-HT-28] 20 p3357 A67-36721
- EHLE, O.
Development of on-board instruments for all-weather landing of transport aircraft /Bordseltige Geraeteentwicklungen fuer die All-Wetter-Landung von Transportflugzeugen/. 03 p0464 A67-13001
- EHLE, E. H.
Optical instrumentation. 10 p1655 A67-22993
Instrumentation support systems. 10 p1605 A67-22998
Launch vehicle preparation and firing. 10 p1822 A67-23001
Appendix A - Measurements, normal equations, smoothing techniques, and their applicability to the range tracking problem. 10 p1805 A67-23002
Appendix B - A treatment of the general problem of least squares. 10 p1874 A67-23003
Appendix C - Development of the law of the propagation of covariance. 10 p1674 A67-23004
- EHLOTZKY, F.
Theory of renormalization and Compton scattering in quantum electrodynamics of coherent light of high intensity. 17 p2870 A67-33365
- EHMANN, W. D.
The abundance of mercury in meteorites and rocks by neutron activation analysis. 11 p1858 A67-24064
Silicon abundances in meteoritic chondrules. 24 p4236 A67-42644
The abundance of antimony in meteorites, tektites and rocks by neutron activation analysis. 24 p4236 A67-42647
- EHRENFELD, J.
Hugoniot equation of state of alkali metals. 06 p1032 A67-18141
- EHRENKRAZ, T. E.
Project Rover liquid hydrogen safety - A five year look. 13 p2092 A67-27650
- EHRENPRES, L.
Complex Fourier transform technique in variable coefficient partial differential equations. 24 p4178 A67-42202
- EHRENSCH, H.
The electrical properties of materials. 20 p3515 A67-37716
- EHRHARDT, J.
Investigations of the effect of radiation coupling on the terminal impedance of dielectric rods /Untersuchungen an dielektrischen Stielstrahlen ueber den Einfluss der Strahlungskopplung auf deren Fusspunktimpedanz/. 07 p1158 A67-20299
- EHRICH, F.
The influence of trapped fluids on high speed rotor vibration. [ASME PAPER 67-VIBR-29] 11 p1797 A67-24187
- EHRICH, F. F.
Stator whirl with rotors in bearing clearance. [ASME PAPER 66-WA/MD-8] 04 p0629 A67-15346
- EHRICKE, K. A.
Future missions. 06 p1093 A67-19033
Solar transportation. 13 p2213 A67-27508
Space tourism. 15 p2558 A67-29965
Utilization of space environment for therapeutic purposes. 19 p3181 A67-35653
- EHRICH, E.
The future potentials of navigation satellites. 15 p2570 A67-29956
- [AAS PAPER 67-101] 15 p2570 A67-29956
Navigation satellites - The future. 22 p3831 A67-39524
Navigation by satellite. 23 p4025 A67-41363
Satellite aids to transportation. 24 p4242 A67-42951
- [AIAA PAPER 67-788] 24 p4242 A67-42951
- EHRICH, L. W.
Iterative vs. a directive method for solving fourth order elliptic difference equations. 02 p0258 A67-11800
- EHRICH, R.
Effect of reduced barometric pressure on water availability related to microbial growth. 15 p2426 A67-29111
Use of an earth analog in lunar mission planning. 16 p2747 A67-30991
Survival of microorganisms in a simulated Martian environment. II. 20 p3372 A67-37160
Use of an earth-analog in lunar mission planning. 22 p3887 A67-40142
- EHRMAN, L.
Analysis of some redundancy removal bandwidth compression techniques. 11 p1757 A67-24710
- EHRMANN, C. H.
Digitized spark chamber for space science experiments. 12 p1944 A67-25854
- EIBER, H.
Measurement of the drift velocities of nitrogen ions from the jet of a plasma burner /Messung der Driftgeschwindigkeiten von Stickstoffionen aus dem Strahl eines Plasmabrenners/. 19 p3271 A67-35075
- EICHELBRENNER, E. A.
An approximate method of treating the three-dimensional, laminar, incompressible boundary layer equations when the cross flow is small. [ASME PAPER 66-WA/FE-34] 04 p0607 A67-15365
- EICHEN, L.
AN/USQ-28 aerial photomapping and geodetic surveying system. 16 p2679 A67-31801
- EICHENBAUM, A. L.
Analysis of electron current extraction from synthesized plasmas. 20 p3495 A67-36168
- EICHENBAUM, F. D.
The application of matrix methods to clear air turbulence measurement. [AIAA PAPER 66-967] 02 p0246 A67-12290
- EICHERT, K.
The influence of non-equilibrium excitation on the electron density in one-dimensional MFD channel flow. 09 p1542 A67-21814
- EICHHORN, J.
Comparative investigation of the physical fitness of man with respect to manual labor, oxygen deficiency, and acceleration /Vergleichende Untersuchungen der koerperlichen Leistungsfähigkeit des Menschen bei Muskelarbeit, im Sauerstoffmangel und bei Beschleunigung/. 03 p0364 A67-13924
- EICHLER, H.
Diffraction on a ruby pumped by a standing light wave /Beugung an einem mit stehenden Lichtwellen gepumpten Rubin/. 13 p2126 A67-26860
Measurements of changes in length of 10 superconducting cm by 2814 A67-41031
Generation of short and intensive light pulses by saturable absorbers. 23 p4015 A67-41036
Reaction of an optical resonator on a laser /Rueckwirkung eines optischen Resonators auf einen Laser/. 24 p4168 A67-42574
- EICHLER, J.
Verification of performance of the LM guidance and control systems. [AIAA PAPER 67-244] 07 p1165 A67-20064
A performance study of the lunar module /LM/ landing radar system. 19 p3260 A67-36011
- EICHMANN, G.
Hypergeometric and spheroidal wave nonuniform RC lines. 19 p3190 A67-34840
- EICHMEIER, J.
Mobility spectra of ordinary atmospheric ions in the small-and medium-ion regions /Beweglichkeitsspektren natuerlicher atmosphärischer Ionen im Klein- und Mittellonenbereich/. 22 p3810 A67-40524
- EICHMEIER, J.
Technical Electronics, volume 2 - Current-Controlling and Electron-Optical Discharge Devices /Technische Elektronik, Volume 2 - Stromsteuernde und elektronenoptische Entladungsgeraete/. 06 p0968 A67-17894

EICKHORN, C. R.
An application-oriented multiprocessing system. II. 23 p3976 A67-41057

EICKMEIER, A. B.
Special instrumentation for Apollo developmental spacecraft. 20 p3443 A67-36469

EIDE, D. G.
Preliminary analysis of liquid equilibrium configurations and disturbances of a vehicle motion due to liquid sloshing in space. 04 p0605 A67-14989

EIDELMAN, I. I.
Current instability in an inhomogeneous plasma /Tokovaya neustoiichivost' v neodnorodnoi plazme/. 10 p1685 A67-23461
The investigation of inhomogeneous plasma instabilities. 11 p1834 A67-24376
The current instability in the potassium plasma. 11 p1834 A67-24377
Investigation of the turbulent state of a plasma during drift instability /Issledovanie turbulentnogo sostoiianiia plazmy pri drefolov neustoiichivosti/. 14 p2383 A67-29068
Investigation of plasma turbulence due to the ion-acoustic instability. 23 p4032 A67-40905

EIDELMAN, S. D.
Solvability of the Cauchy problem for second-order parabolic equations in classes of arbitrarily increasing functions /O razreshimosti zadachi Koshi dlia parabolicheskikh uravnenii vtorogo poriadka v klassakh proizvol'no rastushchikh funktsii/. 07 p1218 A67-19584
Estimates of Green's matrix for the homogeneous parabolic boundary value problem /Otsenki matritsy Grina odnorodnoi parabolicheskoi granichnoi zadachi/. 11 p1813 A67-24850

EIDELBERG, M.
Study of the excitation of nitrogen and oxygen by proton shocks /Etude de l'excitation de l'azote et de l'oxygene par chocs protoniques/. 06 p1037 A67-18706

EIDENKALDT, V. A.
Wave refraction at 0.4 to 13 mu in a dry atmosphere /Refraktsiia voln diapazona 0.4-13 mk v sukhoi atmosfere/. 01 p0108 A67-10129

EIDMAN, V. IA.
The relation between radiation from accelerating charged particles in a medium and wave damping in an inhomogeneous plasma. 02 p0272 A67-11636
A peculiar feature of the attenuation of a longitudinal wave in a weakly inhomogeneous plasma /Ob odnoi osobennosti zatukhaniiia prodol'noi volny v slaboneodnorodnoi plazme/. 16 p2628 A67-31498
Plasma-stream instability in an inhomogeneous medium. 18 p3090 A67-34434

EIGEN, J. M.
Control integration for lunar mapping. 18 p3131 A67-34321

EIKENBERRY, R. S.
The determination of aerodynamic stability coefficients from sounding rocket flight data. 08 p1407 A67-20517

EIKUM, A.
Surface oxide films and the lifetime of vacancies in thin crystals. 08 p1369 A67-20794

EILENBERG, S. L.
Numerical self-consistent field approximation to the interaction of an ion beam with a plasma boundary. 08 p1363 A67-21307

EILENBERGER, G.
Determination of kappa sub 1 /t/ and kappa sub 2 /t/ for type-II superconductors with arbitrary impurity concentration. 07 p1236 A67-20140
Bulk /H sub c2/ and surface /H sub c3/ nucleation fields of strong-coupling superconducting alloys. 17 p2924 A67-33372

EILERMAN, R. N.
Saturn auxiliary solid propulsion applications. [AIAA PAPER 66-946] 02 p0303 A67-12280

EIMUTIS, E.
Electron-acceptor properties of mellitic trianhydride. 04 p0587 A67-15952

EINARSSON, O.
Radiation from a recessed slot in a coated cylinder. 22 p3767 A67-39274

EINAUDI, M. T.
Black, magnetic spherules from pleistocene and recent beach sands. 24 p4235 A67-42635

EINFELD, K.
Design of an atomic energy-supply system

for space travel uses /Ueber den Projektvorschlag fuer ein nukleares Energieversorgungssystem fuer Raumfahrtanwendungen/. 04 p0655 A67-14558
Limitations of the application of radioisotope sources and nuclear reactors as energy sources for space vehicles /Abgrenzung der Anwendungsbereiche von Radioisotopen-Quellen und Kernreaktoren als Energiequellen fuer Raumflugkoerper/. 04 p0558 A67-15959

EINGORIN, M. IA.
Finding the length of the deductive chain of recirculation-type memory devices and generators. 08 p1302 A67-20835

EINHORN, M. B.
Surface states and additional structure in the McMillan-Anderson model for the Tomash effect. 02 p0296 A67-11822

ENIGHAMMER, H.
Fresnel-micro-zone-plates for X-ray images of the sun. 10 p1707 A67-23232

EINSPRUCH, N. G.
Galvanomagnetic studies of Sn-doped Bi. 06 p1070 A67-18984

EISELSTEIN, H. L.
An age-hardenable, low-expansion alloy for cryogenic service. 13 p2142 A67-27675

EISEMANN, E.
Nighttime rise of the ionospheric F layer - Its synoptics and interpretation /Der naechstliche Anstieg der F-Schicht der Ionosphae - Seine Synopsi und Deutung/. 06 p0993 A67-17581

EISEN, D.
The equivalence of stability and convergence for finite difference schemes with singular coefficients. 15 p2510 A67-29519

EISEN, H. A.
Pulsed electron beam dosimetry. 04 p0625 A67-15711

EISENBERG, A.
Equilibria between metallic sodium and aromatic hydrocarbons. 09 p1458 A67-22214

EISENBERG, L.
A controller design method for linear feedback control systems with transport lag by parameter plane and dominant root methods. 24 p4136 A67-42291

EISENBERG, P. H.
Investigating failure mechanisms. 19 p3193 A67-35029
The process origin of impurities in hermetic electronic device packages. 21 p3836 A67-38632

EISENBERGER, I.
Demonstration of a quantile system for compression of data from deep space probes. [JPL-TR-32-772] 07 p1145 A67-19873

EISENCRAFT, M.
Reverse characteristics of GaSb tunnel diodes. 06 p0972 A67-18977

EISENMENGER, W.
Quantum generation and detection of incoherent phonons in superconductors. 06 p1011 A67-18211

EISENTHAL, K. B.
Laser-produced dielectric breakdown in liquids with resulting absorption of a secondary light beam. 11 p1801 A67-24560
Two-photon laser excitation of polycyclic aromatic molecules. 23 p4013 A67-40964

EISFELD, F.
The piston engine and its potential improvement as a powerplant for small aircraft /Der Kolbenmotor als Antrieb fuer Leichtflugzeuge und Moeglichkeiten seiner Verbesserung/. 03 p0502 A67-13005

EISLER, T. J.
Stability of Helmholtz flow in an unstable atmosphere. 08 p1323 A67-21388

EISNER, H.
Tracking by satellite - A simulation and error analysis. 15 p2514 A67-29597
Spacecraft reliability realization by design review. 15 p2493 A67-29606

EISNER, M.
Thermalization of plasma electrons. 01 p0125 A67-10912

EISSLER, K. A.
Design and development of a space suit support loop for use within a manned space cabin. 20 p3374 A67-36548

EKDAHL, C.
Internal measurements of plasma rotation in an MPD arc. [AIAA PAPER 67-655] 21 p3689 A67-38691

EKERS, J.
Identification of strong extragalactic radio sources in the declination zone 0 deg to 20

deg. 04 p0697 A67-14773

EKHINA, E. V.
Study of alloys of the system Ap-Zn-Li /Issledovanie splavov sistemy Al-Zn-Li/. 07 p1201 A67-19253
Influence of homogenizing on the structure and properties of technical aluminum. 15 p2504 A67-29975

EKIEL, J.
Theoretical and experimental investigation of the participation of muscles in the static and dynamic activity of the upper limbs /Teoreticne i dosviadcne badania wspoludzialow ukladu miesni konczyny gornej w warunkach statycznych i dynamicznych/. 07 p1133 A67-19346

EKIMOVA, N. F.
Mechanical excitation of phosphor suspensions in a solid dielectric and the theory of impact /Mekhanicheskoe vzbuzhdenie suspenzii fosforov v tverdom dielektrike i teoriia udara/. 01 p0113 A67-10354
Shock theory and the mechanical excitation of phosphors suspended in a solid dielectric. 11 p1851 A67-25027

EKSTROEM, L.
A study of atmospheric effects on cosmic ray records from plastic scintillation monitors at Uppsala. 17 p2938 A67-32795

EKVALL, J. C.
Monofilament structural composites. [ASME PAPER 67-DE-16] 14 p2402 A67-28871

EL AGIB, A. A. R.
Effects of recovery factor on measurement of temperature of moving fluids. 12 p1928 A67-25353

EL ARAB, M. E.
Variation of the elastic constants of molten silica as a function of temperature /variation des constantes de la silice fondue en fonction de la temperature/. 04 p0683 A67-15499

EL BINDARI, A.
A large experimental superconducting magnet for MHD power generation. 22 p3749 A67-40399

EL GORESY, A.
Gentnerite, Cu sub 8 Fe sub 3 Cr sub 11 S sub 18, a new mineral from the Odessa meteorite. 20 p3529 A67-37526
Quantitative electron microprobe analyses of coexisting sphalerite, daubreelite and trolite in the Odessa iron meteorite and their genetic implications. 24 p4233 A67-42620

EL KHALAVANI, S. M.
Output parameters of a transistor in the presence of large signals /Vykhodnye parametry tranzistora pri bol'shikh signalakh/. 07 p1149 A67-19187

EL-EHWANY, A. A. M.
On the use of a boundary-layer model for correlating film cooling data. 08 p1427 A67-20930

EL-KAREH, A. B.
A pulsed machine-scan electron beam device. 04 p0623 A67-15316

EL-SAID, M. A. H.
Transistor hybrid-pi equivalent circuit under large sinusoidal voltages in the normal domain. 03 p0387 A67-13996
Equivalent circuits of a transistor mixer. 05 p0784 A67-16943

EL-SARHA, M. E.
An investigation of the flow through tandem cascades. 12 p1891 A67-25349

EL-SUM, H. M. A.
Optical reconstruction from sampled holograms made with sound waves. 14 p2320 A67-28602
Image reconstruction from sampled acoustical holograms. 15 p2488 A67-29819
Simulated reference in a coarsely sampled acoustical hologram. 19 p3233 A67-36104

EL-WAKIL, M. M.
An interferometric study of mass transfer from a vertical plate at low Reynolds numbers. [ASME PAPER 65-WA/HT-39] 03 p0404 A67-14011

ELAGIN, N. I.
Investigation of the dependence of plasma resistance on electric-field intensity /Issledovanie zavisimosti soprotivleniia plazmy ot napriazhennosti elektricheskogo polia/. 16 p2721 A67-31483

ELAGIN, V. I.
Study of alloys of the system Ap-Zn-Li /Issledovanie splavov sistemy Al-Zn-Li/. 07 p1201 A67-19253

- ELBAUM, C.**
Amplitude-dependent ultrasonic attenuation in normal and superconducting lead. 01 p0135 A67-10916
- ELBAZ, C.**
Thermal control of the D-1A /Diapason/ /Contrôle thermique de D-1A /Diapason/. 16 p2762 A67-31018
Description of the space environment - illustration of its effect on materials /Description de l'environnement spatial - illustration de ses effets sur les matériaux/. 19 p3327 A67-35672
- ELBEL, K.**
Design characteristics of the new SSTs /Entwurfsmerkmale der neuen Uberschallverkehrsflugzeuge/. 23 p3935 A67-41398
- ELBEL, M.**
Effective cross-section of depolarized collisions of excited sodium atoms with noble gas atoms through optical pumping with D sub 2 -light /Wirkungsquerschnitte depolarisierender Stöße von angeregten Natrium-Atomen mit Edelgasatomen durch optisches Pumpen mit D sub 2 -Licht/. 21 p3639 A67-38018
- ELBEL, R. E.**
Performance potential of the bipropellant pulsed turbine space power system. 24 p4107 A67-42530
- ELBERT, A.**
A contribution to the problem of the convergence of the Fourier series of L super 2 integrable functions. 07 p1215 A67-19473
- ELBORAI, M. M.**
The correct formulation of the Cauchy problem and the mixed problem for a second-order self-adjoint equation /O korrektnoi postanovke zadachi Koshi i smeshannoi zadachi dlia samosopriazhennogo uravneniia vtorogo poriadka/. 20 p3479 A67-37657
- ELCO, R. A.**
The dynamics of the Slepian discharge. 19 p3277 A67-35122
- ELDER, J.**
Convective self-propulsion of continents. 14 p2313 A67-28620
- ELDER, J. W.**
Steady free convection in a porous medium heated from below. 06 p1113 A67-18127
- ELDREDGE, D.**
Proactive inhibition, recency, and limited-channel capacity under acoustic stress. 24 p4116 A67-42701
- ELDRIDGE, R. G.**
A comparison of computed and experimental spectral transmissions through haze. 13 p2152 A67-27357
- ELEMAN, F.**
Studies of giant pulsations, continuous pulsations, and pulsation trains in the geomagnetic field. 23 p3994 A67-40694
- ELEMER, F.**
System for the automatic control of complex vacuum evaporation techniques /Berendezes osszetett vakuumgozolesi folyamatok automatikus szabalyozasara/. 01 p0078 A67-10299
- ELENA, A.**
On the behaviour of the DCF-field. 06 p0994 A67-17639
Does the ionosphere "absorb" solar radiation/ques/. 12 p1932 A67-25342
Geomagnetic pulsations and auroral activity /Pulsazioni geomagnetiche ed attivita aurorale/. 15 p2474 A67-29505
- ELERDING, G. T.**
Automatic shape detection for programmed terrain classification. 07 p1187 A67-19744
- ELESIN, V. F.**
Some features of the photoconductivity spectrum of semiconductors. 03 p0502 A67-14374
Stability of the state of semiconductors with absolute negative conductivity /Ob ustoiichivosti sostoiianiia poluprovodnikov s absolutnoi otritsatel'noi provodimost'iu/. 05 p0868 A67-17059
Stability of the state of a semiconductor with absolute negative conductivity. 15 p2538 A67-29790
- ELFORD, W. G.**
Turbulence in the lower thermosphere. 10 p1643 A67-23250
- ELGARD, A. M.**
Electromechanical hysteresis and relaxation effects in piezoelectric ceramics. 03 p0498 A67-13706
- ELGARROY, O.**
On the active region corona and the interpretation of type I bursts. 08 p1377 A67-21445
- ELGHOZI, C.**
Special types of steel for missiles /Aciers speciaux pour missiles/. 05 p0830 A67-17269
- ELIAS, Z. M.**
Cartesian formulation of membrane theory. 11 p1875 A67-24431
- ELIASHEVICH, M. A.**
Effect of powerful light fluxes on metals. 08 p1337 A67-20856
Application of spectroscopic techniques to low-temperature plasma diagnostics /Primenenie spektroskopicheskikh metodov dlia diagnostiki nizkoterperaturnoi plazmy/. 17 p2896 A67-32161
- ELIASON, M. A.**
Electrostatic Hellmann-Feynman theorem applied to the long-range interaction of two hydrogen atoms. 22 p3840 A67-39387
- ELINSON, E. S.**
Synthesis of an optimum phase synchronization system in the presence of noise using the method of generalized integral criterion. 03 p0393 A67-13949
- ELINSON, M. I.**
Observation of quantum dimensional effects in bismuth films by the method of tunnel spectroscopy /O nabludenii kvantovykh razmernykh effektiv v plenkakh vismuta metodom tunnel'noi spektroskopii/. 02 p0281 A67-11632
The heat-stimulated currents and the "quenched" conductivity in the film system CdS-SiO sub x. 24 p4203 A67-42246
- ELION, H. A.**
Laser Systems and Applications. 22 p3814 A67-39445
- ELIOT, C. C.**
Analysis of nuclear radiation effects on missile telemetry. 14 p2271 A67-28685
- ELISEEV, B. V.**
On the damping of homogeneous turbulence in a magnetic field. 03 p0479 A67-13629
Determination of the mean value of a current, taking induced fields into account /K opredeleniiu srednei velichiny toka s uchedom induktirovannykh polei/. 06 p0952 A67-18687
Longitudinal stability of a flow in crossed fields /O prodol'noi ustoiichivosti techeniia v skreshchennykh polakh/. 11 p1832 A67-24026
On the applicability of the theory of one-dimensional flow in the presence of Hall currents. 11 p1832 A67-24155
Some two-dimensional flows at finite Reynolds magnetic numbers /Nekotorye dvumernye techeniia pri konechnykh magnitnykh chislakh Reind'sa/. 11 p1842 A67-24952
- ELISEEV, P. G.**
Some properties of indium phosphide based semiconductor lasers /Nekotorye svoistva poluprovodnikovykh kvantovykh generatorov na osnove fosfida indii/. 01 p0088 A67-10065
Properties of gallium arsenide diode lasers /Svoistva diodnykh kvantovykh generatorov, izgotovlennykh iz arsena galliia/. 01 p0088 A67-10066
Coherent radiation from p-n junctions in indium arsenide-phosphide. 01 p0087 A67-10101
Electron beam excited lasers made from solid solutions of GaP sub x As sub 1 sub minus x. 02 p0251 A67-11824
Spontaneous radiative recombination in InP p-n junctions in the presence of small currents /Spontannaia izluchatel'naia rekombinatsiia v InP p-n-perekhodakh pri mal'nykh tokakh/. 04 p0679 A67-15138
Temperature dependence of the threshold current in injection lasers and their continuous operation under liquid nitrogen cooling /Temperaturnaia zavisimost' porogovogo toka inzhetsionnykh kvantovykh generatorov i nepreryvnyi rezhim raboty pri okh'azhdenii zhidkim azotom/. 06 p1012 A67-18788
Use of a semiconductor mirror for Q-factor modulation of a laser resonator /Ispol'zovanie poluprovodnikovogo zerkala dlia modulatsii dobrotnosti rezonatora OKG/. 06 p1012 A67-18789
Some properties of semiconductor lasers based on indium phosphide. 08 p1339 A67-21448
Properties of diode quantum generators prepared from gallium arsenide. 08 p1339 A67-21449
Spontaneous radiative recombination in InP p-n junctions in the case of small currents. 12 p1979 A67-25161
Continuous operation with nitrogen cooling for injection lasers and the temperature dependence of the threshold current. 18 p3059 A67-33730
Use of a semiconductor mirror for laser Q-switching. 18 p3059 A67-33731
Effect of temperature on the spectrum and threshold current of GaAs-based epitaxial injection lasers /O vliianii temperatury na spektr i porogovyi tok epitaksial'nykh inzhetsionnykh lazerov na osnove GaAs/. 19 p3238 A67-34773
Spectral characteristics of injection lasers /O spektral'nykh kharakteristikakh inzhetsionnykh lazerov/. 19 p3238 A67-34774
Properties of injection lasers at 0.8-1.1 mu. 21 p3639 A67-37943
Coherent emission of InP optically excited by an injection laser. 22 p3814 A67-39461
- ELISEEV, S. M.**
Contribution of successive interactions to the generation of "jets" in complex nuclei /Rol' posledovatel'nykh vzaimodeistvii v generatsii "strui" na slozhnykh iadrakh/. 02 p0314 A67-12748
Role of successive interactions in the production of jets on complex nuclei. 22 p3876 A67-40250
Multiparticle mechanism of interactions between cosmic rays and atomic nuclei /Mnogochastichnyi mekhanizm vzaimodeistvii kosmicheskogo izlucheniia s atomnymi iadrami/. 24 p4218 A67-42842
- ELISEEV, V. V.**
Ionization instability and turbulent conductivity of nonequilibrium plasma /Ionizatsionnaia neustoiichivost' i turbulentnaia provodimost' neravnovesnoi plazmy/. 16 p2711 A67-30538
- ELIUTIN, V. P.**
Determination of the heat of fusion of titanium /Opredelenie teploty plavleniia titana/. 10 p1670 A67-23640
- ELIVANOV, V. A.**
A study of the cumulative effect of impact acceleration /Issledovanie kumulativnogo deistviia udarnykh peregruzok/. 16 p2612 A67-30904
- ELIZALDE, J. C.**
Storage of cryogenic propellants under very low gravity. 16 p2757 A67-30833
- ELJARRAT, H.**
Unitary screening of components for space applications for the D2 satellite /Selection unitaire de composants a usage spatial pour le satellite D2/. 21 p3601 A67-39061
- ELKINS, O. M.**
Failure mechanisms in silicon transistors deduced from step stress tests. 04 p0584 A67-15482
- ELKINS, P. E.**
Modified silicon-carbide continuous filaments. 03 p0454 A67-13423
- ELKINS, T. J.**
Influence of solar protons on high-latitude ionospheric disturbance. [RASSA PAPER 1-10-140] 03 p0417 A67-14248
Frequency dependence of radio star scintillations. 15 p2555 A67-29621
Studies of irregular atmospheric refraction using stationary satellites. 19 p3182 A67-35172
- ELLE, B. L.**
The Lunar Orbiter photographic system. [SMPT PAPER 101-46] 12 p1940 A67-25464
- ELLEMAN, D. D.**
The attainment of zero magnetic field in a superconducting lead shell. 22 p3865 A67-40438
- ELLER, D. H.**
Optimal cooperative rendezvous of linear single input systems. 15 p2458 A67-29909
- ELLERBRUCH, D. A.**
UHF and microwave phase-shift measurements. 17 p2815 A67-32608
- ELLERMEIER, R. D.**
Some empirical and theoretical interpretations of multiple polarization radar data. 01 p0059 A67-10330
Imaging radars on spacecraft as a tool for studying the earth. 22 p3806 A67-40362
- ELLETT, M. R.**
Shubnikov-de Haas investigations of the Bi sub 1 sub 2 sub x Sb sub x /O less than x less

than 0.3/ system. 06 p1070 A67-18983

ELLINGER, P. B.
A rotationally switched rod memory with a 100-nanosecond cycle time. 19 p3189 A67-38064

ELLINGTON, D.
Binary scaling limits for hypersonic flight. 19 p3212 A67-35769

ELLINGTON, H. I.
Atmospheric pressure discharges in inert gases seeded with alkali metal vapour. 16 p2709 A67-30513
The constricted positive column of a non-equilibrium electric discharge in alkali-metal-seeded rare gases. 17 p2910 A67-33385

ELLINGTON, T. D.
Air-to-air propagation characteristics at extreme ranges. 02 p0202 A67-12122

ELLINWOOD, J. W.
Minimum-drag body with specified center of pressure. 10 p1592 A67-23155

ELLION, M. E.
Development of the Surveyor Vernier propulsion system. 08 p1413 A67-21516
Survey of reaction control systems for synchronous satellites. 17 p2953 A67-31872

ELLIOT, B. J.
Evidence against low-field impact ionization in GaAs. 18 p3097 A67-33517

ELLIOT, H.
Cosmic rays and the geomagnetic field. 13 p2192 A67-27243
Underground cosmic ray measurements. 19 p3315 A67-35494

ELLIOTT, D. D.
Latitude distribution of ozone at high altitudes, deduced from a satellite measurement of the earth's radiance at 2840 angstrom units. 03 p0410 A67-12948

ELLIOTT, D. G.
Performance characteristics of a single-wavelength liquid-metal MHD induction generator with end-loss compensation. 12 p1897 A67-25375
Theoretical and experimental investigation of liquid metal MHD power generation. 16 p2605 A67-30583
Magnetohydrodynamic power systems. [JPL-TR-32-1129] 17 p2802 A67-32049

ELLIOTT, J. C.
Hemodynamic effects of four hours of hypoxia in the dog and baboon. 23 p3953 A67-41588

ELLIOTT, J. F.
Photovoltaic energy conversion. 01 p0013 A67-10553

ELLIOTT, J. R.
Optimal payload trajectory characteristics for winged booster vehicles. [AIAA PAPER 67-558] 19 p3335 A67-35955

ELLIOTT, P. D. T. A.
Some applications of Bombieri's theorem. 06 p1025 A67-18733

ELLIOTT, R. D.
Polarization analysis of natural and artificially induced geomagnetic micropulsations. 15 p2476 A67-29620

ELLIOTT, R. S.
The theory of antenna arrays. 07 p1154 A67-19781

ELLIS, A. B. E.
Extraction of signals from noise using digital techniques. 21 p3582 A67-38396

ELLIS, A. T.
Real fluid effects on an accelerated sphere before boundary-layer separation. [ASME PAPER 66-WA/UNT-6] 04 p0601 A67-14483

ELLIS, B.
The conduction bands in 6H and 15R silicon carbide. I. 18 p3102 A67-34278
The conduction bands in 6H and 15R silicon carbide. II. 18 p3102 A67-34279

ELLIS, D. R.
Flying qualities research using an in-flight simulator. [SAE PAPER 670261] 13 p2054 A67-27296

ELLIS, G. C.
The toughness of beryllium. 13 p2138 A67-27120

ELLIS, G. R. A.
Ionized hydrogen in the plane of the galaxy. 02 p0307 A67-11688
Magnetic fields in the solar corona. 09 p1585 A67-21981

ELLIS, G. W.
Holomicrography - Transformation of image during reconstruction a posteriori. 04 p0618 A67-14496

ELLIS, J. W., JR.
Medical factors in 1964/1965 fatal aircraft accidents in the Southwest. 01 p0017 A67-10961

ELLIS, R. R.
Reliability overstress testing of the Gemini inertial measuring unit system electronics package. 01 p0111 A67-11363

ELLIS, S.
Pituitary arylamidases and peptidases. 01 p0015 A67-10488

ELLIS, S. G.
GaAs thin-film solar cells. 10 p1596 A67-23165
Flash evaporation and thin films of cuprous sulfide, selenide, and telluride. 18 p3106 A67-34637

ELLIS, T. R.
System design of a Mars probe/lander. 10 p1714 A67-23756

ELLIS, T. W.
Sequential suboptimal adaptive control of nonlinear systems. 02 p0228 A67-12156
Optimal and suboptimal guidance and control for low thrust orbital transfer. 22 p3832 A67-40146

ELLIS, W.
Scheduling and control of satellite communications systems. 06 p0961 A67-17899

ELLISION, E. G.
Some mechanical properties of boron-tungsten boride filaments. 19 p3245 A67-35728

ELLISON, E. G.
Creep and tensile properties of heavily drawn tungsten wire. 06 p1013 A67-17799
Some microstructural observations on the deformation and fracture characteristics of a nickel-base alloy in static creep. 06 p1015 A67-17809
The effect of superimposed fatigue on the creep behavior of the nickel-base alloy Udmet 700. 11 p1806 A67-24364
Creep analysis for composite member. 12 p2031 A67-25953
Creep deformation of a composite beam subjected to combined axial and bending loads. 14 p2403 A67-29002
Iterative procedures for elastic, plastic and creep deformation of beams. 14 p2339 A67-29003

ELLISON, J. C.
Recent work in flow evaluation and techniques of operations for the Langley hypersonic nitrogen facility. 21 p3607 A67-37777

ELLMAN, C.
The surveyor variable and fixed focal-length lenses. 22 p3807 A67-40375

ELINWOOD, J. W.
Asymptotic hypersonic-flow theory for blunted slender cones and wedges. 23 p3931 A67-41665

ELMANOVICH, V. N.
Effect of the components of a tantalum alloy with 33 percent niobium on its mechanical properties /Vlianie legirulushchikh elementov na mekhanicheskie svoystva i temperaturu rekristallizatsii splava tantal'a s 33 percent niobila/. 18 p3065 A67-34293

ELROD, C. W.
Generation and loading of triple point hydrogen for high performance aircraft, boosters and spacecraft. [AIAA PAPER 67-468] 18 p3110 A67-33938

ELROD, H. G.
Stability considerations for a gas-lubricated tilting-pad journal bearing. I. [ASME PAPER 67-LUB-8] 24 p4162 A67-42672

ELROD, H. G., JR.
A theory for turbulent fluid films and its application to bearings. [ASME PAPER 66-LUB-12] 03 p0431 A67-13761
Determination of gas-bearing stability by response to a step-jump. [ASME PAPER 67-LUBS-5] 16 p2682 A67-31383

ELSAESSER, K.
Diffusion of test particles in a relativistic electron plasma /Diffusion von Testteilchen in einem relativistischen Elektronenplasma/. 12 p1969 A67-25193

ELSEA, A.
Effect of generation-recombination centers on the stress-dependence of Si p-n junction characteristics. 09 p1553 A67-21947

ELSEY, J. C.
Re-entry guidance by threshold network

storage of precomputed optimum commands. [AIAA PAPER 66-52] 11 p1869 A67-24338
Fixed-point simulation of onboard orbit determination. 17 p2881 A67-32056
Inertial navigation errors for a lifting reentry vehicle. 17 p2881 A67-32476

ELSMORE, B.
The operation of the Cambridge one-mile diameter radio telescope. 02 p0322 A67-11584

ELSTE, G. H. E.
The distinction between micro-and macroturbulence in the solar photosphere using line profiles. 17 p2944 A67-32641

ELSTNER, L.
Quenched-in levels in p-type silicon. 21 p3687 A67-39138

ELSTON, D. P.
Manned exploration of the lunar surface. 06 p1093 A67-19037

ELSTON, J.
The refractory character of solids /Sur le caractere refractaire des solides/. 24 p4173 A67-42084

ELSTORP, L.
Changes of elastic properties of lungs of rabbits in air blast injury. 03 p0364 A67-14292

ELSUROV, A. N.
Calculation of reversible ferrite phase shifters /K raschetu obratimogo ferritovogo fazovrashchatella/. 02 p0301 A67-12673

ELTERMAN, L.
Aerosol measurements in the troposphere and stratosphere. [AFCRL-67-0003] 02 p0238 A67-12048

ELTIS, E. M.
The interaction between the aero engine industry and the growth of air transport. 06 p0949 A67-18735

ELTSOVA, L. D.
Turbulent fluid flows in annular and plane gaps /O turbulentnykh techeniakh zhidkostei v kol'tsevykh i ploskikh zazorakh/. 24 p4142 A67-42213

ELVERUM, G. W., JR.
The descent engine for the lunar module. [AIAA PAPER 67-521] 18 p3115 A67-33984

ELWELL, R. B.
Recent progress in evaluating the detonation characteristics of solid-composite propellant. 15 p2544 A67-29999

ELWERT, G.
Comparison of Tousey's X-ray spectrum of the sun with theory. 10 p1707 A67-23227
Fresnel-micro-zone-plates for X-ray images of the sun. 10 p1707 A67-23232

ELY, P. C., JR.
Sweep-frequency techniques. 17 p2815 A67-32610

ELY, R. L., JR.
Radioisotope Measurement Applications in Engineering. 15 p2516 A67-29900

EMANUEL, G.
Blowing from a porous cone or wedge when the contact surface is straight. 08 p1276 A67-20571

EMELEUS, K. G.
Low-current beam-plasma experiments with a bearing on turbulence. 01 p0126 A67-11311
Kilocycle oscillations in an electronegative plasma. 12 p1970 A67-25261

EMELIANENKO, O. V.
Negative magnetoresistance in Cu-doped n-type GaAs. 20 p3513 A67-37440

EMELIANOV, A. I.
Dependence of the results of probe measurements of the conductivity of semiconductor samples on the thickness of the samples /O zavisimosti rezul'tatov zondirovaniy izmerenii provodimosti poluprovodnikovykh obraztsov ot ikh tolschiny/. 17 p2910 A67-31928

EMELIANOV, D. V.
A new installation at the Tyan'-Shan' Mountain station for investigation of strong interactions at energies of 100 to 1000 Bev - First results. 22 p3801 A67-40248

EMELIANOV, I. U. A.
Probability of the recording of "stars" by an ionization calorimeter /O veroiatnosti registratsii "zvezd" ionizatsionnym kalorimetrom/. 02 p0271 A67-12754
Investigation of electron-photon cascade showers in iron and lead in the energy range over 100 Bev /Issledovanie elektronno-fotonnykh kaskadnykh livnel v zheleze i svintse v oblasti energii vyshhe 100 Bev/. 02 p0271 A67-12755
On the probability for recording of "stars" by an ionization calorimeter. 22 p3842 A67-40256

- Investigation of electron-photon cascades in iron and lead in the energy region above 100 BeV. 22 p3842 A67-40257
- Study of the development of electromagnetic showers in lead /Izuchenie razvitiia elektromagnitnykh livnel v svintse/. 24 p4221 A67-42870
- EMELIANOV, M. D.
Regional blood circulation disorders in humans under prolonged transverse accelerations /K voprosu o narusheniakh regionalnogo krovoobrashcheniia u cheloveka pri dlitel'no deistviushchikh poperechno napravlennykh uskoreniiakh/. 16 p2610 A67-30755
- EMELIANOV, P. P.
Direction finding errors of the method of instantaneous amplitude comparison in elliptically polarized antenna arrays /Ob oshibkakh nelengovaniiia metodom amplitudnogo mgnovennogo sravneniia signalov v sistemakh s antennami ellipticheskoi polarizatsii/. 09 p1473 A67-21960
- Direction-finding errors in systems with elliptically polarized antennas using the method of instantaneous signal-amplitude comparison. 20 p3400 A67-37190
- EMELIANOV, S. V.
Basis for the construction of a nonscanning adaptive automatic control system with a variable structure /O printsipe postroeniia besposkovoii adaptivnoi sistemy avtomaticheskogo upravleniia s peremennoi strukturoi/. 03 p0394 A67-14062
- Autonomy in multiconnected automatic control systems with variable structure. 05 p0786 A67-17542
- A principle for constructing adaptive automatic control systems with variable structure that do not hunt. 13 p2089 A67-27711
- Adaptive systems with a variable structure. 24 p4137 A67-42699
- EMELIANOV, V. M.
Calculation of an axisymmetric supersonic jet flowing into an accompanying supersonic stream or a stationary medium. 13 p2050 A67-26896
- EMELIANOV, V. S.
Iodide-type vanadium. 19 p3243 A67-34924
- EMELIN, B. F.
Waveguide Theory /Teoriia Volnovodov/. 18 p3000 A67-33677
- EMENS, F. H.
A compatible double sideband/single sideband/ constant bandwidth FM telemetry system for wideband data. 02 p0197 A67-12010
- EMERO, D. H.
Structures cost effectiveness. [AIAA PAPER 66-505] 13 p2220 A67-27590
- EMERSON, D. H.
The design of subsonic diffusers for centrifugal compressors using potential flow theory. [ASME PAPER 66-WA/GT-9] 04 p0550 A67-15938
- EMERSON, W. H.
Heat transfer in a duct in regions of separated flow. 04 p0729 A67-15810
- EMERY, A. F.
Temperature distributions and thermal stresses in a partially filled annulus. 03 p0531 A67-14363
- A modification to the Monte Carlo method - The Exodus method. [ASME PAPER 66-WA/HT-61] 04 p0646 A67-15436
- A numerical solution for laminar-flow heat transfer in circular tubes with axial conduction and developing thermal and velocity fields. [ASME PAPER 66-WA/HT-7] 04 p0726 A67-15446
- Some basic properties of penny-shaped cracks. 06 p1109 A67-18732
- Heat transfer and pressure distribution in open cavity flow. [ASME PAPER 65-WA/HT-37] 08 p1278 A67-21320
- Temperature distributions in laminar flat plate shear flow. [ASME PAPER 67-HT-46] 20 p3547 A67-36728
- Heat transfer to fully developed liquid metal flow in tubes. 20 p3555 A67-37608
- EMERY, F. E.
Optimal design of matching networks for microwave transistor amplifiers. 08 p1305 A67-21228
- EMERY, J. A.
Biomedical considerations of possible decompression effects in a supersonic transport. 14 p2258 A67-28666
- EMERY, J. C.
Flow visualization of a secondary jet by means of lampblack injection techniques. 12 p1893 A67-25934
- EMETS, I. U. P.
Current distribution in a plane MHD channel during the motion of an electrically conducting medium in a strong magnetic field /Raspredelenie toka v ploskom magnitogidrodinamicheskom kanale pri dvizhenii elektroprovodnoi sredy v sil'nom magnitnom pole/. 20 p3500 A67-37047
- EMIN, O. N.
Selection of the type and parameters of a turbine driven by compressed air from a cylinder /O vybore tipa i parametrov turbiny, rabotaiushchei ot ballona so szhatym vozdukhom/. 14 p2252 A67-28652
- EMLEY, F.
Thermoelectric materials from powder metallurgy. 01 p0099 A67-10709
- EMMANUEL, C. B.
Some spectral characteristics of the radio refractivity in the surface layer of the atmosphere. 14 p2262 A67-28379
- EMME, E. M.
Historical perspectives on Apollo. [AIAA PAPER 67-839] 24 p4259 A67-42978
- EMMERICH, C. L.
The percentile analysis of guidance system errors. 08 p1350 A67-20674
- Confidence limits for the percentile analysis of guidance system errors. 15 p2515 A67-29740
- EMMERT, G.
Pair production of plasma vortices. 03 p0486 A67-14054
- Measurement of rotational-velocity and ion-density profiles in plasma vortices. 19 p3288 A67-35361
- EMMERT, R. A.
Instrument for lunar surface chemical analysis. [JPL-TR-32-1065] 05 p0805 A67-16463
- EMMERT, R. R.
Transient high energy radiation response in the thin-film transistor. 04 p0589 A67-15718
- EMMETT, J. L.
Design of flashlamp driving circuits. 19 p3192 A67-35015
- EMMONS, H. W.
Arc measurement of high-temperature gas transport properties. 18 p3091 A67-34731
- EMMONS, R. B.
Avalanche-photodiode frequency response. 22 p3767 A67-39362
- EMMOTT, N.
An introduction to digital computers for navigation and guidance. 01 p0111 A67-11258
- EMRICH, R. J.
Turbulent spots and wall roughness effects in shock tube boundary layer transition. 08 p1322 A67-21382
- EMSLIE, A. G.
Theory of diffuse spectral reflectance of a thick layer of absorbing and scattering particles. [AIAA PAPER 65-667] 03 p0467 A67-13047
- Studies of the middle-and far-infrared spectra of mineral surfaces for application in remote compositional mapping of the moon and planets. 08 p1385 A67-20934
- ENALSKII, V. A.
Numerical solution of the dispersion relation for an electron beam in a plasma /Chislennoe reshenie dispersionnogo sootnosheniia dlia elektronnoho puchka v plazme/. 09 p1546 A67-22313
- Properties of an iteration process /O svoistvakh odnogo iteratsionnogo protsessora/. 13 p2148 A67-27613
- ENDER, A. I. A.
Symmetry properties and a Boltzmann distribution /Svoistva bol'tsmanovskoe raspredelenie/. 05 p0849 A67-17115
- ENDERBY, J. E.
Electrical properties of some liquid semiconductors. 03 p0495 A67-13533
- ENDERLEIN, R.
On the dielectric function of a semiconductor in an external electric field. 24 p4201 A67-41979
- ENDERS, L. J.
Aortic insufficiency in flying personnel. 17 p2806 A67-31965
- ENDICOTT, H. S.
Accelerated testing of component parts. 01 p0085 A67-11373
- ENDLICH, R. M.
The feasibility of measuring turbulence in the free atmosphere from rising balloons tracked by FPS-16 radar. 10 p1676 A67-22815
- ENDO, Y.
Heat transfer from a sphere to rarefied gas mixtures. 06 p1117 A67-18388
- ENDOVITSKII, I. I.
Conditions for the stability of the solutions of a second-order linear differential equation with periodic coefficients /Uslovia ustoiichivosti reshenii lineinogo differentsial'nogo uravneniia vtorgoro poriadka s periodicheskimi koeffitsientom/. 16 p2896 A67-31010
- ENDTER, D.
Film processor-dryer for Lunar Orbiter spacecraft photo system. [SMPT PAPER 101-49] 12 p1941 A67-25467
- ENEV, T. M.
Use of the gradient method in problems of optimal control theory /O primenenii gradientnogo metoda v zadachakh teorii optimal'nogo upravleniia/. 02 p0224 A67-11535
- Application of the gradient method to optimal control problems. 16 p2644 A67-31601
- ENEY, J. A.
Navy variable stability studies of longitudinal handling qualities. [AIAA PAPER 67-576] 19 p3174 A67-35971
- ENG, B.
An active filter for low frequency noise power spectra measurement. 02 p0216 A67-12038
- ENG, S. T.
Recent results on low 1/F noise mixer diodes. 05 p0780 A67-17528
- ENGDAHL, R. E.
Protecting refractory metal at high temperature. 23 p4018 A67-40900
- ENGE, F. J.
An omega receiver navigation set for high performance aircraft. 09 p1526 A67-22391
- ENGEL, M. J.
Oxidation and sublimation of graphite in simulated re-entry environments. [AIAA PAPER 65-843] 08 p1426 A67-20561
- ENGEL, O. G.
Initial pressure, initial flow velocity, and the time dependence of crater depth in fluid impacts. 23 p3991 A67-41459
- ENGEL, R. K.
An analytical investigation of natural convection in vertical channels. [ASME PAPER 67-HT-16] 20 p3545 A67-36712
- ENGEL, S.
Structural analysis of circular curved beams. 06 p1110 A67-18842
- ENGEL, W. B.
Microbes and their jet fuel environment. [SAE PAPER 670869] 24 p4206 A67-42007
- ENGEL, Z.
Oscillations induced by two forces in a system with a nonlinear elastic force and nonlinear damping /Kolebaniia sistemy s nelineinai uprugoi siloi i nelineinym dempfirovaniem, vyzhuzhennye dvumia silami/. 07 p1224 A67-20211
- ENGELBERT, H.
Conservation of energy in electromagnetohydrodynamics /Der Energiesatz in der elektromagnetohydrodynamik/. 18 p2721 A67-31549
- ENGELER, W. E.
Piezotransmission measurements of phonon-assisted transitions in semiconductors. I. 13 p2179 A67-27157
- ENGELHARDT, J. J.
Superconductivity and the d-shell. 06 p1047 A67-17642
- ENGELMAN, A.
The measurement of resonance scattering from solar-illuminated lunar atmospheric constituents. 06 p1091 A67-18999
- ENGELMANN, F.
Velocity space diffusion from weak plasma turbulence in a magnetic field. 08 p1360 A67-21123
- Interaction of an electron beam with a collisionless plasma. 11 p1826 A67-23875
- Nonequilibrium line radiation for generalized Lorentz profiles in a spherical plasma of large optical thickness. 13 p2166 A67-26728
- Laminar hydromagnetic waves of finite amplitude in plasmas of low temperature. 22 p3852 A67-39990

ENGELMANN, J.

- Spectrometry of solar protons on board the satellite ESRO II /Spectrometrie des protons solaires a bord du satellite ESRO II/. 21 p3629 A67-38663
- Experimental unit on board the satellite "HEOS A" for the investigation of proton and alpha solar radiation /Ensemble experimental embarque a bord du satellite "HEOS A" pour l'etude du rayonnement en protons et alpha solaires/. 21 p3629 A67-38665
- ENGELN, F.
The solution of a special elliptical linear partial differential equation of second order with the help from the two-sided Laplace transform /Die Loesung einer speziellen elliptischen linearen partiellen Differentialgleichung zweiter Ordnung mit Hilfe der zweiseitigen Laplace-Transformation/. 13 p2165 A67-26613
End effects on the linear induction MHD generator calculated by two-sided Laplace transform. 16 p2605 A67-30579
- ENGELS, D. A.
The describing functions for a constrained-range integration process with bang-bang input and dead zone. 16 p2652 A67-31690
- ENGEMAN, J.
A practical laser interferometer. 09 p1499 A67-22149
- ENGBARIAN, N. B.
Diffuse reflection from a nonstationary medium /Diffuznoe otazhenie ot nestatsionarnoi sredy/. 04 p0695 A67-14657
A nonlinear problem of radiative transfer. 07 p1248 A67-19485
- ENGLE, I.
The effect of different surface barrier models on the Nottingham energy exchange process. 24 p4201 A67-41893
- ENGLE, R. M.
Numerical analysis of crack propagation in cyclic-loaded structures. [ASME PAPER 66-WA/MET-4] 04 p0711 A67-15342
- ENGLEBRECHT, R. S.
Microwave integrated circuits. 05 p0770 A67-16241
- ENGLEBERRY, C. R.
Supersonic transport design evolution. 03 p0360 A67-13918
Evolution of Lockheed's SST. 03 p0362 A67-14299
- ENGLEFIELD, M. J.
The commuting inverses of a square matrix. 03 p0460 A67-13938
- ENGLEHART, W. C.
Performance characteristics of a "damped" mass expulsion attitude control system. [AIAA PAPER 67-535] 19 p3334 A67-35937
- ENGLISH, A. C.
Physical investigation of the mesoplasma in silicon. 02 p0301 A67-12658
- ENGLISH, J. J.
Thermal-dilation behavior of titanium alloys during repeated cycling through the alpha-beta transformation. 03 p0440 A67-13252
- ENGLISH, T. C.
Molecular beam measurement of the hyperfine structure of super 85 Rb super 19 F. 11 p1821 A67-23961
- ENGSTROM, W. L.
Transient analysis in a fracturing magnesium plate. 23 p4076 A67-40736
- ENGVOID, O.
On the center-limb variation of the H-and K-lines of Ca II. 08 p1401 A67-21444
On the K line of CaII in sunspots. 23 p4067 A67-41241
- ENINGER, J.
Experimental investigation of an ionizing wave in crossed electric and magnetic fields. 19 p3277 A67-35123
- ENLOE, J. D.
Flammability limits of hydrogen-oxygen-nitrogen mixtures at low pressures. 07 p1239 A67-19077
- ENLOE, L. H.
Noise-like structure in the image of diffusely reflecting objects in coherent illumination. 24 p4155 A67-42336
- ENNS, A. E.
Holography and its applications. 11 p1793 A67-24837
The application of holography to the comparison of cylinder bores. 17 p2864 A67-33388
- ENNS, E. G.
Demand interval reliability. 15 p2495 A67-30413

ENNS, M.

- Optimal control trajectories with minimax objective functions by linear programming. 16 p2650 A67-31670
- ENO, B. E.
A note on a short method of measuring Reynolds stresses with a constant-current hot-wire anemometer. 10 p1629 A67-23845
- ENOCHSON, L. D.
Application of fast Fourier transform procedures to shock and vibration data analysis. [SAE PAPER 670874] 24 p4248 A67-42011
- ENOME, S.
High-resolution observations of the sources of solar radio burst at 9.4 Gc/s. 14 p2383 A67-27883
- ENOMOTO, T.
Thin-film integrated circuits for communication equipments. 12 p1918 A67-26219
- ENOS, G.
Development of an ammonia-fueled MPD arc jet thruster. [AIAA PAPER 67-690] 21 p3696 A67-38930
- ENRIQUES, L.
"Turbulence" of a low-beta plasma. 05 p0859 A67-17443
Experimental results on the ion-beam excitation of drift waves in an alkali plasma. 08 p1361 A67-21135
A heating system with programmable radial profile of temperature for the end plates of a Q-device. 11 p1789 A67-24413
Characteristics of propagation of ion waves in a collisionless plasma with relative drift velocity between ions and electrons. 22 p3846 A67-39488
- ENSANIAN, M.
The influence of gravitational variations on the rates of chemical processes. 20 p3484 A67-36546
On the mechanisms of zero gravity induced perturbations in electrochemical systems. 23 p3972 A67-41607
- ENSELME, M.
Calculation of aerodynamic characteristics of a wing-fuselage assembly in supersonic flow /Sur le calcul des caracteristiques aerodynamiques d'un ensemble aile-fuselage en ecoulement supersonique/. 02 p0180 A67-12793
Aerodynamic study of a family of variable sweepback wings /Etude aerodynamique d'une famille d'ailes a fleche variable/. 03 p0351 A67-12994
- ENSGN, C. R.
Application of a double linear damage rule to cumulative fatigue. 24 p4170 A67-41951
- ENSOR, C. H.
The "ilities" of fastener technology. 24 p4161 A67-42081
- ENSS, V.
Construction of Einstein-Maxwell fields from Einstein vacuum fields /Konstruktion von Einstein-Maxwell-Feldern aus Einsteinschen Vakuumfeldern/. 23 p4028 A67-41150
- ENSTROM, R. E.
Vapor phase growth and properties of GaAs Gunn devices. 11 p1848 A67-24746
- ENTOV, V. M.
Kinetics of crack propagation - General concepts - Near-equilibrium cracks /O kinetike rasprostraneniya treshchin - Obshchie predstavleniya - Treshchiny, blizkie k ravovesnyu/. 03 p0529 A67-14166
Kinetics of crack propagation - Conditions of fracture and endurance limit /O kinetike rasprostraneniya treshchin - Uslovia razrusheniya i dlitel'naya prochnost'/. 06 p1106 A67-18626
Crack propagation kinetics - Fluctuation-induced breakdown /O kinetike rasprostraneniya treshchin - Fluktuatsionnoe razrushenie/. 12 p2029 A67-25666
The kinetics of fracture propagation - Commentary on the rule of damage summation /O kinetike rasprostraneniya treshchin - Zamechanie o pravile summirovaniya povrezhdaemostel/. 15 p2576 A67-30183
- ENZMANN, R.
Space mission planning. 06 p1093 A67-19034
- ENZMANN, R. D.
Space mission planning in planetary environments. 06 p1093 A67-19035
- EPEL, B.
The inhibitory effect of light on growth of Prototheca Zopfii Kruger. 06 p0952 A67-17872

EPELBOIN, I.

- Superconductivity of three metastable forms of gallium /Supraconductibilite de trois formes metastables du gallium/. 17 p2915 A67-32707
Study in the turbulent regime of the limit flux of diffusion on the surface of a rotating ring electrode /Etude en regime turbulent du flux limite de diffusion a la surface d'une electrode a anneau tournant/. 24 p4146 A67-43112
- EPELMAN, M. S.
Absolute-stability criterion for nonlinear sampled-data automatic systems /Ob odnom kriterii absolutnoi ustoiichivosti nelineynykh impul'snykh avtomaticheskikh sistem/. 03 p0392 A67-13596
A criterion for the absolute stability of nonlinear sampled-data automatic systems. 14 p2290 A67-27842
- EPIK, A. P.
Forces binding plasma coatings to the base. 07 p1190 A67-19304
Some properties of carbide and boride diffusion coatings on refractory metals. 19 p3243 A67-34921
Coatings of High-Temperature Materials. 19 p3244 A67-34956
Coatings of high-temperature materials. 19 p3244 A67-34957
- EPPEL, D.
Temperature and purity dependence of the nuclear-spin relaxation rate in the gapless region of type-II superconductors. 03 p0499 A67-13937
- EPPERS, W. C.
Effect of a heated platinum wire on a sealed CO sub 2 laser system. 23 p4011 A67-40784
- EPPELSON, J. P.
The laser now a production tool. 04 p0628 A67-15309
- EPPERT, D. E.
Construction of crawlerway for the lunar launch complex. 05 p0788 A67-16615
- EPPE, R., JR.
A finite-difference heat conduction method applicable during surface recession. 19 p3346 A67-35755
- EPPRECHT, G.
Reflection measurements with broadband frequency modulation using long transmission lines. 02 p0193 A67-11783
- EPSHTEIN, A.
Effect of thermal stratification and dynamic nonuniformity of a crosswind on the trajectory of a circular turbulent jet /O vliyanii termicheskoi stratifikatsii i dinamicheskoi neravnomernosti poperechnogo potoka na traektoriiu krugloj turbulentnoi strui/. 01 p0053 A67-10824
- EPSHTEIN, L. A.
Minimum cavitation number and cavity width in plane and axisymmetric channels /O minimal'nom chisle kavitatsii i shrine kaverny v ploskoi i osesimmetrichnom kanalah/. 03 p0401 A67-12872
- EPSHTEIN, N. Z.
Mechanism of the development of responses and adaptation to hypoxia /K mekhanizmu formirovaniya otvetnykh reaktsii na gipoksiyu i prispособlenie k nei/. 20 p3367 A67-36255
- EPSTEIN, D. J.
High temperature resonance losses in silicon-doped yttrium-iron garnet /YIG/. 20 p3508 A67-36390
- EPSTEIN, E. E.
On the small-scale distribution at 3.4-mm wavelength of the reported 3 deg K background radiation. 17 p2945 A67-32653
The galactic radio source W49 at 3.4 mm. 20 p3527 A67-37393
Mercury - Observations of the 3.4-millimeter radio emission. 22 p3889 A67-40240
- EPSTEIN, G.
A feasibility study of nuclear resonance techniques for nondestructive testing of reinforced plastics. 08 p1345 A67-20425
Where nonmetallic composites are used. 10 p1671 A67-23013
Noise generator on board a rocket for a radioastronomy experiment /Generateur de bruit embarque sur fusée pour une experience de radioastronomie/. 21 p3592 A67-38221
- EPSTEIN, L.
All-reflecting Schmidt camera. 14 p2319 A67-28562
- EPSTEIN, L. C.
An all-reflection Schmidt telescope for

- space research. 10 p1657 A67-23561
- EPSTEIN, L. M.
An attempt to measure the temperature of a laser-produced plasma using neutron-detection technique. 23 p4031 A67-40892
Radiation resistant silicon diode neutron detectors. 24 p4183 A67-42473
- EPSTEIN, M.
A model of the wall boundary condition in kinetic theory. 21 p3614 A67-38861
- EPSTEIN, S.
Temperature-induced changes in optical path length for a Nd-doped glass rod during pumping. 18 p3062 A67-34623
- EPSTEIN, S. T.
What is H sub 0/ques/ 02 p0271 A67-12723
Hellmann-Feynman theorem in curvilinear coordinate systems. 07 p1138 A67-20189
Evaluation of long-range retarded interaction energies. 22 p3757 A67-39636
Integrated and integral Hellmann-Feynman formulas. 22 p3757 A67-39637
- ERAEMETSAE, O.
Investigation of widening the temperature range of the Leclanche cell by means of electrolytes containing salts of rare earth metals. 22 p3748 A67-40228
- ERASLAN, A. H.
Magnetohydrodynamic heat transfer in a finite duct with fully developed flow conditions. 04 p0873 A67-15872
- ERASLAN, N. F.
On optimum two-impulse transfer between coplanar circular close orbits. 22 p3884 A67-39958
- ERB, P. M.
Interaction of multiple rows of vortices. 14 p2294 A67-27795
- ERB, R. B.
Structures and materials for manned reentry vehicles. [AIAA PAPER 66-987] 03 p0520 A67-14143
Aerothermodynamics - The Apollo experience. 16 p2761 A67-30935
- ERBERT, V.
An electronic quadrature technique for laser interferometry. 15 p2502 A67-30436
- ERBIN, E. F.
New developments and future trends in titanium for heavy sections. 22 p3822 A67-40197
- ERCULIANI, L.
On the continuity of radio parameters between radiogalaxies and Q.S.S. 20 p3525 A67-36947
- ERDMAN, C. A.
Iso-irradiance contours close to a high pressure mercury arc lamp. [AIAA PAPER 67-315] 12 p2037 A67-26030
- ERDMANN, J. C.
Determination of instantaneous heat sources with inert thermometers. 11 p1883 A67-24901
Applications of inert thermometers. 18 p3050 A67-34502
- ERDMANN, S. F.
Optimization of the nozzle form and determination of the local flow direction by means of measured velocity distributions in the supersonic region /Optimierung der Duesenform und Bestimmung der lokalen Stromungsrichtung mittels gemessener Geschwindigkeitsverteilungen im Ueberschall/. 23 p3929 A67-41248
- ERDOGAN, F.
A comparative study of crack propagation in plates under extension and bending. 16 p2770 A67-31290
- EREMEEV, M. A.
Induced conductivity and secondary emission of semiconductors and dielectrics under positive ion bombardment. 13 p2177 A67-27073
- EREMEEV, V. S.
Carbon diffusion in carbides of vanadium and titanium /Diffuziia ugleroda v karbidakh vanadiia i titana/. 14 p2337 A67-28285
- EREMEEVA, N. M.
Effect of deformation conditions on the heat resistance and softening of nickel /Viliianie rezhimov deformatsii na razuprochnenie i zharoprochnost' nikella/. 16 p2687 A67-30846
- EREMENKO, I. U. A.
Investigation of the angular distribution of shower particles during high-energy interactions /Issledovanie uglovogo raspredeleniia vliyvelivnykh chastits vo vzaimodelstviakh pri vysokikh energiyakh/. 24 p4217 A67-42828
- EREMENKO, O. S.
Determination of the angle of departure of a flow from annular turbine cascades /Viznachennia kuta vikhodu potoku iz kil'tsevykh turbinnikh reshtok/. 21 p3564 A67-37914
- EREMENKO, V. N.
Structure of certain alloys in the ternary system Ti-Mo-C /Stroenie nekotorykh splyavov v troinoi sisteme Ti-Mo-C/. 07 p1203 A67-19261
Phase diagram of the system Ti-P /Diagrammy sostoiannia sistemy Ti-P/. 07 p1203 A67-19262
Intermediate phases in titanium iridium and titanium rhodium alloys /O promezhutochnykh fazakh v splyavakh titana s iridiiem i rodiiem/. 07 p1204 A67-19263
Phase equilibria in the system Ti-V-C at 1450, 1600, and 1800 deg /Fazovye ravnovesiia v sisteme Ti-V-C pri 1450, 1800 i 1800 deg/. 07 p1204 A67-19270
Intermediate phases in alloys of titanium with iridium, rhodium, and osmium. 13 p2131 A67-26472
Phase diagram of the system titanium-copper. 13 p2131 A67-26473
Structure and certain properties of alloys of sections TiC-VC sub 0.90, TiC-V sub 2, TiC-V and in the region TiC-VC sub 0.90 - C of the ternary system Ti-V-C. 16 p2691 A67-31588
Thermodynamic properties of some semiconductor compounds /O termodynamicheskikh svoystvakh nekotorykh poluprovodnikovykh sredinenii/. 18 p3095 A67-33445
- EREMENKO, V. V.
Peculiarities of the RbMnF sub 3 - Nd super 3 super plus crystals decay kinetics due to the migration of excitation energy. 20 p3506 A67-36218
- EREMIN, A. V.
Principles of the biomechanics of humans in unsupported positions /Osnovy biomekhaniki cheloveka v bezopornom polozenii/. 02 p0187 A67-12325
- EREMIN, B. G.
Simulation of gas-stream discharge processes with the aid of plasmoids /O modelirovani protsessov istecheniia gazovykh strui s pomoshch'yu plazmennyykh sgustkov/. 15 p2472 A67-29726
- EREMIN, E. N.
Kinetics and mechanism of the transformation of simple hydrocarbons at low pressures in the glow discharge. IV. 22 p3757 A67-39585
- EREMIN, I. U. V.
Measuring the velocity of plasma jets. 04 p0666 A67-15188
- EREMINA, I. V.
Solid state laser with mode selection within an active element. 22 p3814 A67-39458
- ERENTS, K.
Thermal reemission of inert gas atoms in tungsten and gold. 23 p4030 A67-41357
- ERICKSEN, J. L.
A thermo-kinetic view of elastic stability theory. 01 p0159 A67-10402
Some magnetohydrodynamic effects in liquid crystals. 05 p0846 A67-18736
- ERICKSEN, R. E.
A parachute recovery system dynamic analysis. [AIAA PAPER 66-25] 08 p1413 A67-21513
- ERICKSON, E. F.
Calculation of fringe visibility in a laser-illuminated interferometer. 11 p1790 A67-24420
- ERICKSON, L. E.
Effects of saturable absorber lifetime on the performance of giant-pulse lasers. 06 p1011 A67-18148
Behavior of saturable-absorber giant-pulse lasers in the limit of large absorber cross section. 17 p2869 A67-33055
- ERICKSON, P. B.
Safety program at the nuclear rocket development station. 20 p3482 A67-36565
- ERICKSON, W. C.
Two lunar occultations of the Crab Nebula. 10 p1705 A67-22941
A stabilized cross-correlation radiometer. 11 p1762 A67-24288
- ERICSON, W.
Magnetohydrodynamic drag and flight control. 14 p2394 A67-29041
- ERICSSON, L. E.
Aeroelastic instability caused by slender payloads. [AIAA PAPER 66-471] 05 p0924 A67-17213
An application of automatic carpet plotting to wind-tunnel data reduction. 08 p1278 A67-21530
Loads on bodies in wakes. 11 p1742 A67-24350
Effect of nose bluntness on the hypersonic unsteady aerodynamics of an ablating re-entry body. 15 p2416 A67-29442
Comment on unsteady airflow stall. 21 p3565 A67-38547
- ERIKSEN, D. P.
Calibration of low pressure Penning discharge type gauges. 06 p0950 A67-17748
- ERINGEN, A. C.
Relativistic continuum mechanics. I. Relativistic continuum mechanics. 04 p0659 A67-15795
II. Mechanics and Chemistry of Solid Propellants, Proceedings of the Fourth Symposium on Naval Structural Mechanics, Purdue University, Lafayette, Ind., April 19-21, 1965. 08 p1418 A67-20872
Continuum theory of nonlinear viscoelasticity. 08 p1419 A67-20879
Linear theory of micropolar viscoelasticity. 08 p1422 A67-20979
Mechanics of Continua. 24 p4189 A67-42382
- ERINGEN, C.
A continuum theory of chemically reacting media. II. 11 p1783 A67-25001
- ERITSIAN, G. N.
Some radiation effects in p-type silicon /O nekotorykh radiatsionnykh effektakh v kremnii p-tipa/. 16 p2724 A67-30472
- ERKHOV, M. I.
Approximate solution of problems in the dynamics of rigid-plastic shells /O priblizhennom reshenii zadach dinamiki zhestko-plasticheskikh obolochek/. 12 p2025 A67-25607
- ERLENKAEMPER, S.
A new measurement of the energy gap in superconducting niobium. 23 p4036 A67-40703
- ERLICH, E.
Analysis of the stability and control of an airplane beyond its maximum lift /Analyse de la stabilite et du controle d'un avion au dela de sa portance maximale/. 23 p3932 A67-40567
- ERM, R. E.
Self-focusing of axisymmetric wave packets /Samofokusirovka aksial'no-simmetrichnykh volnovykh puchkov/. 16 p2628 A67-31504
- ERMAKOV, A. I.
High-frequency heating of a dense plasma. 02 p0274 A67-12460
- ERMAKOV, B. A.
Solid-state lasers /Tverdotel'nye opticheskie kvantovye generatory/. 20 p3462 A67-37547
- ERMAKOV, B. G.
Some properties of the pyrolytic carbides and nitrides of group IV metals /Nekotorye svoystva piroliticheskikh karbidov i nitridov metallov IV grupy/. 11 p1804 A67-23903
- ERMAKOV, F. A.
A variational principle for symmetric MHS fields /Variatsionnyi printsip dlia simmetrichnykh MGS polei/. 15 p2530 A67-29727
- ERMAKOV, G. A.
Temperature effects in the Ne-He laser. 01 p0090 A67-10512
- ERMAKOV, P. I.
Elastoplastic deformation of a cylindrical shell acted upon repeatedly by a moving axisymmetric heat source /Uprugoplasticheskoe deformirovanie tsilindricheskoi obolochki pri povtornykh vozdeystviakh dvizhushchegosia osesimmetrichnogo istochnika tepla/. 05 p0912 A67-16182
- ERMAKOVA, E. M.
Mechanical properties of niobium and its alloys at low temperatures /Mekhanicheskie svoystva nioblia i ego splyavov pri nizkikh temperaturakh/. 05 p0832 A67-17506
Mechanical properties of niobium and niobium alloys at low temperatures. 21 p3644 A67-38034
- ERMAKOVA, M. I.
Beginning of the overlap of the operating ranges of lasers and backward-wave tubes. 05 p0825 A67-17168
- ERMATOV, S. E.
Use of a flame discharge for producing semiconductor and refractory metals /Primenenie fakelnogo razriada dlia polucheniiia poluprovodnikovykh i

tugoplaykikh materialov/. 21 p3681 A67-38358

ERMILOV, M. A.
Permeance of a cylindrical permanent magnet used as the rotor of an electromagnet induction pump /Provodimost' tsilindricheskogo postolannogo magnitarotora induktsionnogo elektromagnitnogo nasosa/. 06 p0951 A67-18685

ERMINY, D. E.
Some approximations to the Planck function in the intermediate region with applications in optical pyrometry. 05 p0807 A67-16788

ERMOLAEV, I. U. P.
Evaluation of the complexity of thin film and hybrid microelements from the point of view of the number and type of interconnections. 02 p0215 A67-11913
Effect of some technological factors on the precision of thin film resistors and capacitors having a single base /Vliyanie nekotorykh tekhnologicheskikh faktorov na tochnost' mikropropionnykh soprotivlenii i emkostei na obshchei podlozhe/. 03 p0491 A67-13242
Resistance between conducting and resistive films in figure contacts /Perekhodnoe soprotivlenie figurnykh kontaktov mezhdu provodiaschimi i rezistivnymi plenkami/. 03 p0491 A67-13248

ERMOLAEV, G. K.
Expansion of an ionized gas jet along a wall in the presence of a transverse magnetic field /Rasprostranenie strui ionizirovannogo gaza vdol' stenki pri nalichii poperechnogo magnitnogo polia/. 13 p2168 A67-27304

ERMOLENKO, S. D.
Nonlinear theory of the carrier surface /K nelineinomu teorii nesushelei poverkhnosti/. 20 p3356 A67-36439

ERMOLLEV, I. U. M.
Finite-difference method in optimal-control problems /Konechno-raznostnyi metod v zadachakh optimal'nogo upravleniya/. 19 p3202 A67-35886

ERMOLINA, E. I.
Steady-state thermal regime of a semiconductor cooling device /Ustanovivshisya teplovoy rezhim poluprovodnikovogo termookhlazhdalushchego ustroystva/. 06 p1113 A67-18180

ERMOLOVA, M. I.
X-ray structural study of phase transformations during heat treatment of the VT3-1 titanium alloy /Rentgenostrukturnoe issledovanie fazovykh prevrashchenii pri termooobabotke titanovogo splava VT3-1/. 09 p1518 A67-22030

ERMOLOVICH, I. B.
Effect of gamma and fast-neutron radiation on the electrical properties of cadmium sulfide single crystals. 01 p0128 A67-10086

ERNEST, J.
French research and development in the field of lasers /Recherches et realisations francaises dans le domaine du laser/. 17 p2868 A67-32745

ERNST, D. M.
Review of fossil-fuel-fired thermionic energy converters. 09 p1448 A67-22341

ERNST, E. W.
Elevation angle of arrival determination with circular antenna arrays. 02 p0217 A67-12088

ERNST, K.
A Paschen-Back hyperfine filter for optical pumping. 22 p3816 A67-40321

ERNST, R. L.
A study of highly linear, FM, VHF, solid-state oscillators. 03 p0381 A67-13636
Multiple-idler parametric amplifiers. 09 p1474 A67-22084

ERNST, W. D.
Turbulent flow of an elasticoviscous non-Newtonian fluid. 12 p1929 A67-25904

ERNSTENE, M. P.
Progress and prospects of electrical propulsion. 02 p0303 A67-12253
A contact ion microthruster system. [AIAA PAPER 67-80] 07 p1240 A67-19435

ERNSTING, J.
Some effects of raised intrapulmonary pressure in man. 08 p1288 A67-21500
Neurological sequelae of prolonged decompression. 13 p2060 A67-26924
Effects of simulated weightlessness upon

the cardiovascular system. 17 p2805 A67-31952
The rationale of mask-mounted hypoxia warning systems. 23 p3968 A67-41629

EROFEEV, A. I.
Energy and momentum exchange between the atoms and molecules of a gas and the surface of a solid body /Ob obmene energiei i impul'som mezhdu atomami i molekulami gaza i poverkhnosti'u tverdogo tela/. 16 p2619 A67-30458

EROFEEVA, I. N.
Certain peculiarities of the interaction of pions and nucleons with nuclei /Nekotorye osobennosti vzaimodelstvia pionov i nuklonov s iadrami/. 02 p0318 A67-12761
Absorption of the energy flux of the nuclear component in iron /Pogloshchenie potoka energii iadernoi komponenty v zheleze/. 02 p0316 A67-12762
Some peculiarities of interaction of pions and nucleons with nuclei. 22 p3876 A67-40263
Absorption of the nuclear-component energy flux in iron. 22 p3842 A67-40264
Angular distribution of secondary particles in showers /Uglovoe raspredelenie vtorichnykh chastits v livnlakh/. 24 p4217 A67-42829
Passage of cosmic rays through the atmosphere /Prokhozhenie kosmicheskogo izlucheniia cherez atmosferu/. 24 p4218 A67-42837

EROKHIN, A. K.
Electron-diffraction investigation of the structure of gallium-phosphide semiconducting thin films /Elektronografichne doslizhennia strukturi tonkikh napivprovodnikovikh plivok fosfidu galliia/. 04 p0686 A67-15970
On certain properties of GaP films. 16 p2729 A67-31065

EROKHIN, I. U. G.
Method of performing ionospheric measurements with the aid of incoherently scattered radio signals /K metodike ionosfernykh izmerenii po nekogerentno rasselannym radiosignalam/. 16 p2632 A67-31901

EROSHENKO, E. G.
Measurements of the magnetic field in the vicinity of the moon by the artificial satellite Luna 10 /Izmereniia magnitnogo polia v okrestnosti lunny na iskusstvennom sputnike Luna-10/. 01 p0150 A67-10909
Study of the magnetic field from the Luna 10 orbiter /Issledovanie magnitnogo polia so sputnika "Luna-10"/. 05 p0687 A67-18056
Quiet magnetosphere at the distance approximately 10 R sub E according to the Electron-2 and Electron-4 observation data. 10 p1649 A67-23296
Magnetometric equipment on board the space laboratory "Elektron-2". 11 p1789 A67-24079
A survey of the earth's magnetosphere at distances 7 to 11.7 earth radii by the Electron satellites. 12 p1936 A67-25803
A survey of the earth's magnetosphere in the region of the radiation belt /3-8 R sub E/ from February to April 1964. 12 p1997 A67-25814
Possible interpretation of measurement results obtained with the near-lunar satellite Lunik 10 /Vozmozhnaia interpretatsiia rezul'tatov izmerenii na okololunnom sputnike "Luna-10"/. 16 p2755 A67-31889
Investigation of the magnetic field by Luna-10. 21 p3701 A67-37843

EROSHIN, A. I.
Diagnostic methods of rotating-bearing damage /Metody diagnostiki povrezhdeniia podshlupnikov kachenii/. 19 p3235 A67-34888

EROSOV, I. U. I.
Preparation and physical properties of alloys of the W-LaB sub 6 system. 13 p2131 A67-26468

ERPEBECK, J. J.
Nonlinear theory of unstable one-dimensional detonations. 11 p1774 A67-23857

ERSHIN, SH. A.
Calculation of a diffusion flame in the transition region of a flow /K raschetu diffuzionnogo fakela v perekhodnoi oblasti techeniia/. 02 p0343 A67-12536
Diffuse combustion in a laminar boundary layer. 06 p1112 A67-17961

ERSHKOVICH, A. I.
Problem of the anomalous diffusion of charged particles in the earth's magnetosphere /K voprosu ob anomal'noi diffuzii zariazhennykh chastits v

magnitosfere zemli/. 02 p0306 A67-11550
Motion of charged particles in an acute-angled trap /K voprosu o dvizhenii zariazhennykh chastits v ostrougol'noi lovushke/. 03 p0486 A67-14064
Injection of solar wind particles into the magnetosphere in the neighborhood of a neutral point. 12 p1991 A67-25109
Motion of a charged particle in the magnetosphere under the action of a sudden geomagnetic impulse. 12 p1992 A67-25118
The motion of charged particles in the neighborhood of a neutral point. 12 p1975 A67-25643
Motion of charged particles in an acute-angled trap. 13 p2172 A67-27717
Anomalous diffusion of charged particles in the earth's magnetosphere. 16 p2740 A67-31616
On transport of charged particles under the effect of electromagnetic pulses. 19 p3313 A67-35212

ERSHOV, I. V.
Application of an interferometer with a diffraction grating to the investigation of flows past models in a shock tube /Primenenie interferometra s difraktsionnoi reshetkoi dlia issledovanii obtekanii modeli v udarnoi trube/. 24 p4158 A67-42723

ERSHOV, V. I.
Methods of obtaining beading in thin-walled pipes /Sposoby polucheniia utolshchenii na tonkostennykh trubakh/. 07 p1192 A67-19752
Production of hollow control rods with a new type of junction seal /Izgotovlenie trubchatykh tlag upravleniia s novym tipom zadelki nakonechnikov/. 07 p1192 A67-19753
Manufacturing of pressed seamless adapters for detachable tube joints /Izgotovlenie tsel'noshtampovannykh vannnykh nippei dlia raz'emnykh soedinenii truboprovodov/. 07 p1192 A67-19754

ERSHOV, V. N.
Effect of irregularity of the forward flow on losses in cascades with low-aspect-ratio blades /Vlianie neravnomernosti nabegalushchego potoka na poteri v reshetkakh s lopatkami malogo udlinleniia/. 02 p0179 A67-12439
Determination of the stable-operation boundary of axial-flow compressor stages by an analytical method /Opredelenie granitsy ustoiichivoi raboty stupenel' osovogo kompressora raschetnym metodom/. 21 p3689 A67-38046

ERSHOVA, V. T.
Interaction of tantalum with nitrogen and air /Vzaimodelstvie tantala s azotom i vozdukhom/. 05 p0832 A67-17507
Heat-resistant properties of vanadium-molybdenum alloys /Zharoprochnnye svoystva vanadiimolibdenovykh splavov/. 20 p3467 A67-36968
Interaction of tantalum with nitrogen and air. 21 p3644 A67-38035

ERTEL, A.
Monolithic IC techniques produce first all-silicon X-band switch. 06 p0968 A67-18053

ERTEZA, A.
Bistatic determination of epsilon and mu for a smooth convex target. 01 p0020 A67-10014
Field theory of depolarization of radar backscatter with application to a distant, slightly rough sphere. 23 p3974 A67-41200

ERUGIN, N. P.
First method of Liapunov /Pervyi metod Liapunova/. 15 p2511 A67-29885

ERUKHIMOV, L. M.
Influence of ionization gradients in a layer with inhomogeneities on the correlation of fluctuations at various frequencies. 07 p1144 A67-19836
Statistical properties of phase fluctuations upon complete reflection of waves from an ionospheric layer. 13 p2067 A67-26551
Effect of the receiver on the magnitude of the frequency correlation of the fluctuations of received radio emission /O vlianii priemnogo ustroystva na velichinu chastotnoi korreliatsii fluktuatsii priinimaemogo radioizlucheniia/. 16 p2640 A67-31497

ERUKHIMOV, M. SH.
Nonlinear dependence of the current on the electric field strength in a thin semiconducting film in a quantizing magnetic field. 10 p1694 A67-23591

ERUKHIMOVICH, I. U. A.
Approximate calculation of a scattered

- field, using the special features of its phase structure /Priblizhennoe vychislenie rasselannogo polia s ispol'zovaniem osobennostei ego fazovoi struktury/. 07 p1143 A67-19588
Approximate calculation of a scattering field using special features of its phase structure. 20 p3384 A67-37325
- ERVENS, W.
Absolute measurement of some argon II transition probabilities /Absolutmessung einiger Argon-II-Übergangswahrscheinlichkeiten/. 24 p4194 A67-41888
- ERZBERGER, H.
On the design of optimum distributed parameter system with boundary control function. 11 p1770 A67-24889
- ERZH, T. V.
A magnetometer with a Gauss sensor from indium antimonide /Magnitometr na datchike Gaussa iz antimonida indila/. 20 p3447 A67-36760
- ERZHANOV, ZH. S.
Second basic problem for an elastic plane with a doubly periodic system of identical holes /O vtoroi osnovnoi zadache dlia uprugoi ploskosti s dvokaperiodicheskoi sistemoi odinakovykh otverstii/. 18 p3145 A67-34601
- ESAKI, L.
Tunneling studies on the group V semimetals and the IV-VI semiconductors. 06 p1069 A67-18975
Electron barriers in Al-Al sub 2 O sub 3 - SnTe and Al-Al sub 2 O sub 3 -GeTe junctions. 07 p1155 A67-19893
- ESCAIG, B.
Origin of the elastic limit of bcc metals at low temperature /Sur l'origine de la limite elastique des metaux cubiques centres a basse temperature/. 13 p2130 A67-26438
- ESCARD, J. C.
Interpretation problems of steady rigid or conformably rigid ds super 2 /Problemes d'interpretation des ds super 2 stationnaires, rigides ou conformement rigides/. 20 p3487 A67-37684
- ESCHENROEDER, A. Q.
Ionization behind a sphere in hypersonic flight. I. [AIAA PAPER 66-55] 04 p0547 A67-14820
Turbulence in hypersonic wakes. 22 p3743 A67-40222
- ESCOBAL, P. R.
Lunar eclipse of a satellite of the earth. 11 p1859 A67-24357
Rise and set of a satellite about a distant primary. 24 p4238 A67-42925
- ESCOFFERY, C. A.
Vacuum resonant-cavity dielectrometer for in situ measurements of complex permittivity in a simulated space environment. 04 p0625 A67-15708
- ESCOFFIER, P.
Thermal conductivity of helium-hydrogen mixtures - Consequences in gas chromatography /Conductibilite thermique des melanges hydrogene-helium - Consequences en chromatographie en phase gazeuse/. 06 p1428 A67-20805
Simultaneous determination of oxygen, nitrogen and hydrogen in aerospace materials /Dosage simultane de l'oxygene, de l'azote et de l'hydrogene dans les materiaux aerospaciaux/. [ONERA-TP-466] 18 p2998 A67-34461
- ESCUPIER, M. P.
Decay of a velocity maximum in a turbulent boundary layer. 16 p2657 A67-30614
- ESCUPIER, P.
Structural and magnetic properties of epitaxial permalloy films. 04 p0676 A67-14931
- ESCUE, W. T.
Remote sensing of phenomena on the Saturn vehicle. 14 p2320 A67-28700
- ESELEVICH, V. G.
Influence of dispersion effects on the structure of a shock wave in a magnetized plasma. 18 p3084 A67-33525
- ESEPKINA, N. A.
Study of a laser based on neodymium-activated glass with external feedback /Issledovanie opticheskogo kvantovogo generatora na stekle aktivirovannom neodimom s vneshnei obratnoi svyaz'iu/. 06 p1012 A67-18782
Investigation of a neodymium glass laser with a spherical mirror resonator /Issledovanie OKG na neodimovom stekle s rezonatorom iz sfericheskikh zerkal/. 06 p1012 A67-18783
Obtaining a traveling-wave regime in a complex optical resonator /K voprosu o polucheni rezhima begushchei volny v slozhnom opticheskom rezonatore/. 07 p1196 A67-19600
Effect of the atmosphere on the characteristics of radio telescopes of maximally large dimensions. 07 p1158 A67-20241
The use of methods of control of the surface of optical telescopes for the adjustment of pencil-beam radio telescopes. 07 p1189 A67-20244
Measuring the parameters of narrow-beam antennas in the near zone /K voprosu ob izmerenii parametrov ostronapravlennykh antenn v blizhnei zone/. 08 p1306 A67-21348
Measurement of near-field parameters of pencil-beam antennas. 17 p2822 A67-31944
Investigation of a neodymium-glass laser with external feedback. 18 p3059 A67-33724
Investigation of a neodymium-glass laser with spherical mirrors. 18 p3059 A67-33725
Traveling wave operation in a complex optical resonator. 20 p3462 A67-37339
- ESHELBY, J. D.
On the modulated structure of aged Ni-Al alloys. appendix - On the elastic interaction between inclusions. 01 p0092 A67-10056
- ESHLEMAN, R. L.
On the critical speeds of a continuous shaft-disk system. 11 p1795 A67-24169
[ASME PAPER 67-VIBR-9]
- ESHLEMAN, V. R.
Bistatic-radar detection of lunar scattering centers with Lunar Orbiter I. 17 p2817 A67-33364
- ESIN, A.
Stress-interaction effects in cumulative fatigue damage. 23 p4074 A67-40650
- ESIN, V. O.
Orientation, purity, and perfection of molybdenum single crystals grown by the zonal electron-beam melting process /Orientatsiia, chistota i sovershenstvo monokristallov moli'bdena, vyrashchennykh elektronno-luchevoi zonnol plavkoi/. 02 p0255 A67-11867
Macromosaic substructure of the monocrystals of molybdenum, tungsten, and tantalum obtained by the electron-beam zonal fusion method without a crucible /Makromozachnala substruktura monokristallov moli'bdena, vol'frama, tantal, poluchennykh metodom bestigel'noi elektronoluchevoi zonnol plavki/. 05 p0827 A67-18079
- ESIPOV, V. F.
The optical spectrum of the quasistellar radio source 3C-345. 18 p3118 A67-33854
- ESIPOVA, E. N.
Components attenuating direct solar rays in the stratosphere and lower stratosphere /Komponenty oslableniia priamoi solnechnoi radiatsii v troposfere i nizhnei stratosfere/. 19 p3214 A67-34854
Measurement of the radiation balance in the free atmosphere with the aid of polyethylene-protected balance measuring devices /Izmereniia radiatsionnogo balansa v svobodnoi atmosfere s pomoshch'iu balansomerov s polietilenovoi zashchitoi/. 19 p3227 A67-34855
- ESKIN, D. W.
Comparison of arcjet exhaust velocity with the propagation velocity of random light fluctuations. 13 p2188 A67-26839
A probe for total-enthalpy measurements in arcjet exhausts. 17 p2971 A67-33030
- ESKIN, A.
Modification of vestibular sensitivity in the rat. 20 p3371 A67-36818
- ESKIN, G. I.
Parabolic convolution-type equations in a bounded region /Parabolicheskie uravneniia v svertkakh v ogranichennoi oblasti/. 02 p0259 A67-11871
- ESKINA, M. S.
Scattering problem for partial difference equations /Zadacha rasselanii dlia chastnotno-rastnostnykh uravnenii/. 17 p2817 A67-32885
- ESKINAZI, S.
Vector Mechanics of Fluids and Magnetofluids. 22 p3788 A67-40324
- ESKRIDGE, C. D.
Mass optimal solutions of some variable endpoint trajectory problems. 22 p3884 A67-39955
- An adaptive guidance scheme for orbital rendezvous. 22 p3832 A67-39964
- ESMUKHANOV, M.
Existence and uniqueness of solutions of the point boundary value problem for a denumerable system of linear equations with linear boundary conditions /O sushchestvovanii i edinstvennosti reshenii tochechnoi kraevoi zadachi dlia schetnoi sistemy lineinykh uravnenii s lineinymi kraevymi usloviiami/. 18 p3073 A67-34606
- ESPE, W.
Materials of High Vacuum Technology. Volume 1 - Metals and Metalloids. 20 p3463 A67-36134
- ESPEVIK, S.
Oxidation of tantalum coated with aluminum and aluminum-chromium alloys. 08 p1341 A67-20764
- ESPOSITO, R.
A unified analysis of optimum receivers for fading channels. 11 p1766 A67-24645
- ESPOSITO, R. M.
Concerning the possibility of observing lifetime-gradient and Demmer photovoltages in semiconductors. 11 p1850 A67-24917
Concerning the possibility of observing lifetime-gradient and Demmer photovoltages in semiconductors. 23 p4045 A67-41483
- ESSELMAN, W. H.
NERVA development status. 20 p3482 A67-36571
- ESSEN, L.
A revolution in time-keeping. 15 p2487 A67-29581
- ESSENBURG, F.
Effects of anisotropy in axisymmetric cylindrical shells. [ASME PAPER 67-APM-28] 17 p2965 A67-33155
- ESSENHUGH, R. H.
Combustion behavior of thermoplastic polymer spheres burning in quiescent atmospheres of air. [AIAA PAPER 67-103] 06 p1114 A67-18283
On radiative heat transfer in solids. [AIAA PAPER 67-287] 12 p2035 A67-26004
On the inter-influence of classical heterogeneous combustion research and related aerospace problems. 18 p3150 A67-33801
Application of the perfectly stirred reactor /P.S.R./ theory to analysis of one-dimensional flames. 19 p3345 A67-35011
- ESSEX, E. A.
Auto-correlation of the fading of multiple echoes from the ionosphere. 20 p3379 A67-36293
- ESSMANN, U.
The direct observation of individual flux lines in type II superconductors. 14 p2369 A67-28599
- ESTABROOK, F. B.
Relativistic collapse to a Schwarzschild sphere. [JPL-TR-32-1136] 15 p2564 A67-30438
Herglotz-Noether theorem in conformal space-time. [JPL-TR-32-1125] 17 p2879 A67-32929
- ESTERLY, J. R.
Ground test facilities for aircraft airbreathing propulsion system development. 08 p1315 A67-21063
- ESTERSON, G. L.
An optimal discrete controller for a system with load changes. 16 p2649 A67-31668
- ESTES, J. M.
The anharmonic method of rectification. 24 p4158 A67-42604
- ESTEVE, D.
Planar transistor stability under X-ray irradiation /Stabilite des transistors a structure plane soumis a l'action des rayons X/. 03 p0387 A67-13996
Degradations caused by surface effects in components with a plane structure subjected to the action of low-energy X rays /Degradations provoques par des effets de surface dans les composants a structure plane soumis a l'action des rayons X de faible energie/. 17 p2919 A67-32856
- ESTRIN, B. S.
Experiments with a high-current pulsed arc /Eksperimenty s sil'notochnoi impul'snoi dugoi/. 18 p3087 A67-34047
Experiments with dense hot plasma /Eksperimenty s plotnoi goriatel'no-plazmoi/. 19 p3282 A67-35159
- ESTRUP, P. J.
Characterization of chemisorption by LEED. 19 p3246 A67-35785

ESTULIN, I. V.

Study of high-energy gamma quanta outside the atmosphere /Izuchenie gamma-quantov vysokoi energii za predelami atmosfery/. 05 p0877 A67-16088

Device for measuring high-energy gamma quanta present in primary cosmic radiation /Pribor dlia izmereniia gamma-quantov vysokoi energii v sostave pervichnogo kosmicheskogo izlucheniia/. 09 p1497 A67-21899

Investigation of high-energy gamma rays beyond the atmosphere. 24 p4212 A67-42764

ETCHETO, J.

Simultaneous recording of resonances of the earth-ionosphere cavity at two stations 12,000 km apart /Enregistrement simultane des resonances de la cavitte terre-ionosphere en deux stations distantes de 12,000 km/. 06 p0998 A67-18707

Automatic measurement of the resonance frequency variations of the earth/ionosphere cavity /Mesure automatique des variations de frequence des resonances de la cavitte terre-ionosphere/. 15 p2489 A67-30071

ETCHEVERRY, R. D.

Measurements of spatial coherence in 3.2-mm horizontal transmission. 09 p1461 A67-21599

ETEMAD, G. A.

Base flow characteristics and thermal environment of launch vehicles with strap-on solid rocket motors. 22 p3902 A67-39939

ETERMAN, I. I.

Approximate solution of differential and integral equations with the aid of second-order asymptotic polynomials /Priblizhennoe reshenie differentsial'nykh i integral'nykh uravnenii s pomoshch'iu asimptoticheskikh polinomov vtorogo roda/. 07 p1214 A67-19216

ETGEN, G. J.

On the determinants of solutions of second-order matrix differential systems. 17 p2877 A67-32563

ETHERIDGE, C. L.

Nondestructive test development for advanced airplanes. 05 p0808 A67-17087

ETIEVANT, C.

Non-linear processes in beam-plasma systems. 12 p1970 A67-25250

Investigation of a Penning ion source. 19 p3195 A67-35599

ETKIN, B.

Explanation of the anomalous spin behaviour of satellites with long flexible antennae. [AIAA PAPER 67-39] 06 p1096 A67-18350

Explanation of the anomalous spin behavior of satellites with long, flexible antennae. 21 p3712 A67-37784

ETTE, A. I. I.

Laboratory studies of point-discharge from multiple points in irregular configuration. 01 p0107 A67-10114

On starting voltages in a two-point discharger. 01 p0107 A67-10115

ETTINGER, G. M.

Chronometer expands pulses to measure nanosecond intervals. 06 p1002 A67-18055

ETTINGER, M. H.

Separator deaerates oil, stops shimmy on F-104 noise wheel. 24 p4099 A67-42427

ETTINGER, R. C. W.

Cryonics and the grand design. 19 p3181 A67-35325

ETTLES, C. M. M.

The action of the parallel-surface thrust bearing. 09 p1505 A67-22192

ETZWEILER, G. A.

Dynamic control of high-performance two-phase servomotors. 16 p2609 A67-31664

EUBANK, H. P.

Confinement of plasma heated by ion cyclotron resonance in the C stellarator. 03 p0485 A67-14049

EUBANKS, R. A.

On the critical speeds of a continuous shaft-disk system. [ASME PAPER 67-VIBR-9] 11 p1795 A67-24169

EUDIER, M.

Production and properties of a new porous bearing. 01 p0079 A67-10708

EUDY, G.

Quick-disconnect at countdown. 09 p1484 A67-22038

EUGSTER, J.

Observations concerning mutation to cosmic radiation. 16 p2611 A67-30766

EUGSTER, O.

Super 81 Kr in meteorites and super 81

Kr radiation ages. 11 p1868 A67-24692

The isotopic composition of krypton in unequilibrated and gas rich chondrites. 22 p3881 A67-39494

EULER, E. A.

Second-order solution to the elliptical rendezvous problem. 12 p2012 A67-25931

EULER, F.

Effect of heat treatment on the magnetic properties of substituted YIG. 22 p3860 A67-39913

EULER, H. C.

Random number solar cycle prediction technique. 22 p3873 A67-39931

EUSANIO, E.

Subsystem analyses for a MORL resistojet control system. [AIAA PAPER 67-721] 21 p3714 A67-38747

EUSEPI, M.

Design criteria for externally pressurized gas bearings for operation at high temperatures and high speeds. [ASLE PAPER 66AM 4B2] 08 p1336 A67-21040

EUSTACE, V. A.

Heat transfer measurements through the incompressible turbulent boundary layer with accelerating and decelerating flows. 04 p0731 A67-15819

EUVARD, D.

Asymptotic study of the vortex wake of a transonic wing section /Etude asymptotique du sillage tour-billonnaire d'un profil d'alle transsonique/. 16 p2594 A67-31712

EUWEMA, R. N.

Phonon coupling in edge emission and photoconductivity of CdSe, CdS, and Cd /Se sub x S sub 1 sub -x/. 05 p0870 A67-17196

Energy band structure of CdS using self-consistent OPW and pseudopotential methods. 06 p1058 A67-18903

EVAN-IWANOWSKI, R. M.

Influence of imperfections on mechanism of buckling of shallow spherical shells. [AIAA PAPER 67-111] 06 p1104 A67-18453

Dynamic response and stability of shallow spherical shells subject to time-dependent loading. [AIAA PAPER 66-446] 12 p2030 A67-25915

EVANGELISTI, G.

Numerical solution of the propagation equations by the method of characteristics /Sulla soluzione numerica delle equazioni della propagazione col metodo delle caratteristiche/. 03 p0458 A67-13348

On the numerical solution of the equations of propagation by the method of characteristics. 06 p0990 A67-18585

EVANS, C.

Sodium D lines in Comet 1965 f near perihelion passage. 22 p3880 A67-39414

EVANS, D.

Investigation of the influence of ambient temperature, humidity, mechanical vibration, etc., on electronic instruments /Untersuchung des Einflusses von Umgebungstemperatur, Luftfeuchtigkeit, mechanischen Schwingungen usw. auf elektronische Gerate/. 21 p3589 A67-37920

Measured index of refraction for argon plasma. 23 p4032 A67-40961

EVANS, D. C.

Ultraviolet reflectivity of Venus and Jupiter. 18 p3123 A67-34147

EVANS, D. E.

Asymmetric co-operative scattered light spectrum in a thetatron plasma. 01 p0121 A67-10248

EVANS, D. J.

Measurement of the coefficient of thermal expansion of solids and its precise variation with temperature. 01 p0062 A67-10195

On a system of simplified equations for finite axisymmetric deflections of an annular plate. 08 p1414 A67-20348

Compositional changes in the underlying alloy during the protective oxidation of alloys. 20 p3468 A67-37247

EVANS, D. J. I.

Dispersion-strengthened nickel by compaction and rolling of powder produced by pressure hydrometallurgy. 01 p0097 A67-10697

EVANS, D. L.

Measurement of emission and absorption of radiation by an argon plasma. 18 p3091 A67-34732

EVANS, D. R.

A.T.C. displays. 09 p1529 A67-22646

EVANS, D. S.

Rocket observations of low energy auroral

electrons. 18 p3034 A67-33591

Data structure and man-machine communication for network problems. 19 p3186 A67-35619

A 10-cps periodicity in the precipitation of auroral-zone electrons. 22 p3790 A67-39795

EVANS, E. W.

Electron recombination in hydrocarbon-oxygen reactions behind shock waves. 09 p1457 A67-22023

EVANS, F. A.

Monte Carlo performance analysis of lunar rendezvous guidance. 22 p3834 A67-39965

EVANS, G. E.

A review of batteries and fuel cells for space power systems. 17 p2801 A67-32047

Mass transport and heat transfer in fuel cell systems. 20 p3363 A67-37014

EVANS, G. W., II

Simulation Using Digital Computers. 15 p2440 A67-30133

EVANS, H. J.

Helicopter close-order formation keeping system. 05 p0839 A67-16531

EVANS, J. E.

Austral and Boreal zone precipitation patterns for low-energy protons. 12 p1937 A67-25813

Coordinated experiments on auroras. 13 p2115 A67-27256

Coordinated satellite, ground-based and aircraft-based measurements on auroras. 18 p3034 A67-33590

EVANS, J. V.

Study of radio echoes from the moon at 23 centimeters wavelength. 02 p0325 A67-11858

Progress in ionospheric radio. 05 p0795 A67-16010

Radar observations of Venus at 23 cm in 1965/1966. 05 p0889 A67-16297

Radar observations of Venus at 3.8-cm wavelength. 05 p0889 A67-16298

Radar signatures of the planets. 06 p1092 A67-19012

Electron temperature and ion composition in the F sub 1 region. 17 p2843 A67-32529

The heating of the protonosphere. 19 p3221 A67-35280

Ground-based measurements of atmospheric and ionospheric particle temperatures. 22 p3870 A67-39676

Midlatitude F-region densities and temperatures at sunspot minimum. 22 p3793 A67-40080

EVANS, J. W.

Solar magnetographs. 24 p4223 A67-41769

EVANS, K.

X-ray emission line spectrum of a coronal active region. 11 p1867 A67-24839

EVANS, K. R.

An analysis of the Cottrell-Stokes law. 20 p3464 A67-36220

EVANS, L. B.

Radiative transfer in anisotropically scattering media - Allowance for Fresnel reflection at the boundaries. [ASME PAPER 67-HT-19] 20 p3545 A67-36714

EVANS, M. V.

Comparison of the He-Ne laser with the Hg 4358 and 5461 angstrom units lines as a Raman excitation source. 03 p0438 A67-13912

EVANS, M. W.

Longitudinal sound velocities of granular compacts of ammonium perchlorate and potassium chloride. 16 p2734 A67-31521

EVANS, N. A.

The effect of flow velocity on a single controlled glow discharge in cesium-seeded argon. 12 p1974 A67-25402

Effect of flow velocity on a single, controlled glow discharge in cesium-seeded argon. 21 p3874 A67-38888

The steady state controlled discharge linear nonequilibrium magnetogasdynamic generator. 24 p4109 A67-42895

EVANS, R. A.

Problems in probability - An introduction to the pitfalls to be encountered when using probabilities. 01 p0084 A67-11355

EVANS, R. E.

A preliminary survey of the properties of 0.5-5 wt percent copper-beryllium alloy sheet. 13 p2139 A67-27125

EVANS, R. J.

Stress analysis for elastic response of physically nonlinear solid propellants. [AIAA PAPER 66-124] 01 p0139 A67-11155

EVANS, T.

Birefringence, X-ray topography and electron microscope examination of the

- plastic deformation of diamond. 08 p1346 A67-20795
- EVANS, T. C. Lunar exploration - What is the proper course/ques/. 08 p1393 A67-21091
- EVANS, W. F. J. Balloon-borne observations of brightness variations in the /0, 0/ band of the /super 1 delta g super -3 sigma super minus g/ system of oxygen in the day and twilight airglow. 07 p1173 A67-19663
- EVDOKIMOV, V. D. Influence of surface-active lubricants on the internal stresses in the case of sign-variable slippage /O villanii poverkhnostnoaktivnoi smazki na vnutrennie napriazheniia pri znakopereemnennom skoi'zhenii/. 22 p3810 A67-39219
- EVDOKIMOVA, N. M. Vertical profiles of the radiation balance and its components according to measurements in 1963 and 1964 /Vertikal'nye profil' radiatsionnogo balansa i ego sostavilalushchikh po dannym izmereni 1963-1964 gg./. 19 p3214 A67-34853
- EVELEIGH, V. W. Limit cycle conditions in optimizing controllers. 07 p1161 A67-19206
- Adaptive Control and Optimization Techniques. 24 p4133 A67-41793
- EVENSEN, D. A. Some studies on the nonlinear dynamic response of shell-type structures. 14 p2397 A67-28090
- EVENSEN, H. A. Dynamic response and stability of shallow spherical shells subject to time-dependent loading. [AIAA PAPER 66-446] 12 p2030 A67-25915
- EVENSON, K. M. Atomic-nitrogen recombination. 01 p0117 A67-10883
- EVERETT, G. E. Microwave photon interaction with superconducting tunneling currents. 19 p3303 A67-35046
- EVERETT, W. W., JR. Axially symmetric output cavity for high-power klystron. 05 p0780 A67-17534
- EVERHART, E. Comet discoveries and observational selection. 21 p3705 A67-38614
- EVERHART, T. E. Deflection-modulation CRT display. 01 p0061 A67-10018
- Scanning electron microscope investigation of planar diffused p-n junction profiles near the edge of a diffusion mask. 22 p3855 A67-39360
- EVERSE, J. Malate dehydrogenases. I. 11 p1750 A67-24784
- EVGRAFOV, M. A. Integral representation of functions of exponential growth. 02 p0259 A67-11918
- EVLANOV, L. G. Estimation of the efficiency of dynamic systems containing random parameters /Otsenka effektivnosti dinamicheskikh sistem, soderzhashchikh sluchainye parametry/. 15 p2455 A67-29121
- Determination of optimal systems for a useful signal and noise combined nonlinearly /Opredelenie optimal'nykh sistem pri neilnelnoi kombinatsii poleznogo signala i pomekh/. 16 p2643 A67-30923
- Determination of multidimensional optimal systems with a nonlinear combination of the useful signal and noise /Opredelenie mnogomernykh optimal'nykh sistem pri neilnelnoi kombinatsii poleznogo signala i pomekh/. 19 p3185 A67-36097
- EVSEENOV, P. T. Short-wave and ultrashort-wave power amplifiers using new Soviet transistors /Usiliteli moshchnosti KV i UKV diapazonov na novykh otechestvennykh tranzistorakh/. 05 p0773 A67-16457
- EVSEEV, I. U. A. On the shunting of the input current in the collector region of a planar triode. 03 p0386 A67-13963
- EVSIUKOV, N. N. Color contrasts on the lunar surface /O tsvetovykh kontrastakh na lunnoi poverkhnosti/. 02 p0329 A67-12493
- Color contrasts on the lunar surface. 10 p1708 A67-23361
- The luminescence of the lunar surface /O luminesentsii lunnoi poverkhnosti/. 22 p3879 A67-39298
- EVSTIUKHIN, A. I. Iodide-type vanadium. 19 p3243 A67-34924
- Study of alloys in the niobium-zinc system. 19 p3243 A67-34926
- EVSTIUKHIN, N. A. Apparatus for measuring hot hardness by static methods. 19 p3227 A67-34930
- EVSTROPOV, G. A. Calculation of slotted-waveguide antennas taking into account the interaction between radiators at the principal wave. 03 p0385 A67-13951
- EVITANOV, S. I. Investigation of pulse shape in an artificial-line modulator. 01 p0038 A67-10719
- EVUHOV, V. Output spectra of Nd-YAG and ruby lasers and implications for laser linewidth determining mechanisms. 05 p0820 A67-16660
- Multiple pass effects in high efficiency laser pumping cavities. 10 p1662 A67-22743
- Measurement of the laser transition cross section for Nd super plus super 3 in yttrium aluminum garnet. 14 p2331 A67-28713
- Power output and efficiency of continuous ruby lasers. 23 p4017 A67-41465
- EVTUSHENKO, I. U. G. Influence of tangential acceleration on the motion of a satellite. 11 p1870 A67-24684
- Asymptotic calculation of satellite motion in noncentral field of the earth. 16 p2743 A67-30724
- Motion of artificial satellites in the earth's gravitational field /Dvizhenie iskusstvennykh sputnikov v gravitatsionnom pole zemli/. 23 p4063 A67-40734
- EVTUSHENKO, T. P. Investigation of air sparks by two synchronized lasers. 06 p1010 A67-18090
- Spectroscopic studies I. 09 p1512 A67-22010
- EVVARD, J. C. Non-chemical space propulsion. 07 p1242 A67-20264
- EWALD, H. N. Static theory of a discharge column at intermediate pressures. 08 p1361 A67-21134
- EWANS, J. R. Cost reduction and cost avoidance by value engineering. 09 p1581 A67-22157
- EWART, D. G. Sloshing stability investigations relating to the ELDO A launch vehicle during first stage flight. 24 p4241 A67-42396
- EWEN, H. I. State of the art of microwave and millimeter wave radiometric sensors. 22 p3805 A67-40353
- EWING, B. Localized adsorption on graphite surfaces. 24 p4118 A67-42195
- EWING, C. T. Molecular association in sodium, potassium, and cesium vapors at high temperatures. 08 p1355 A67-21033
- EWING, D. E. How much sophistication is required to fabricate a space radiation monitoring system for manned spacecraft - A radiobiologist's viewpoint. 23 p3966 A67-41589
- EWING, E. A space radiation monitoring system for support of manned space flight. 02 p0188 A67-12387
- EWING, G. C. Space reconnaissance of the ocean - Opportunities and limitations. 06 p0999 A67-19000
- EWING, G. M. Thrust direction programs for maximal range. 05 p0905 A67-18780
- EWING, M. Probability of growth /p sub G/ of viable microorganisms in Martian environments. 19 p3177 A67-35220
- EXEL, L. Traveling waves in bladed disks of gas turbines /Bezici vlny olopatkovanykh kotoucu plynovykh turbin/. 12 p2033 A67-26231
- EYFRIG, R. W. A possibility to observe irregularities near the maximum of the F sub 2 -layer and their travelling velocities. [AGARDOGRAPH 95] 15 p2484 A67-30302
- EYKHOFF, P. Process parameter and state estimation. 15 p2460 A67-30311
- EYMAN, E. D. Dynamic control study for a solar mirror aboard a space craft. 11 p1745 A67-24274
- A novel system for rapid acquisition of the sun in solar energy conversion systems. 15 p2423 A67-30130
- EYMAN, J. R. Transverse wave structure in detonations. 18 p3153 A67-33828
- EYRAUD, C. Direct conversion of gamma-radiation energy into electrical energy /Conversion directe de l'energie d'un rayonnement gamma en energie electrique/. 22 p3748 A67-40199
- EYRING, H. Anion and pH effects on the potentials of zero charge of gold and silver electrodes. 10 p1602 A67-23158
- Cation effects on the potentials of zero charge of gold, silver, and mercury electrodes. 11 p1749 A67-23920
- The significant structure and properties of liquid hydrazine and liquid diborane. 16 p2734 A67-31537
- EZEKIEL, F. D. Electromagnetic actuators. 14 p2247 A67-28266
- EZEKIEL, H. M. Preparation of graphite fibers from polymeric fibers. 21 p3649 A67-37884
- EZERSKAIA, V. A. Photometry of the lmb zone of the moon /Fotometriia kraevoi zony luny/. 02 p0329 A67-12492
- Photometry of the lunar lmb zones. 10 p1708 A67-23360
- EZERSKII, V. I. Photometry of the lmb zone of the moon /Fotometriia kraevoi zony luny/. 02 p0329 A67-12492
- Photometry of the lunar lmb zones. 10 p1708 A67-23360
- F
- FABENI, P. Spherical dipole for the Italian San Marco satellite. 17 p2826 A67-32780
- FABER, O. C., JR. The effect of a vertical magnetic induction on the nucleate boiling of mercury over a horizontal surface. [AICHE PAPER 20] 20 p3552 A67-36830
- FABER, T. E. The theory of the electrical conductivity of liquid metals. 06 p1032 A67-18125
- FABIAN, H. The "Azur" program - A systems management assignment /Projekt "Azur" - Eine Systemfuehrungsaufgabe/. 18 p3162 A67-33640
- FABIAN, J. Steam generator for the ejector section of the DVL's high-altitude rocket test stands in Lampoldshausen /Dampferzeuger fuer die Ejektorstufen der Raketen-Hoehenpruefstaende der DVL in Lampoldshausen/. 03 p0394 A67-13030
- FABIAN, P. Ozone radio probe and investigation of air motion in the lower stratosphere /Ueber eine neue Ozonradiosonde und Untersuchung von Lufttransporten in der unteren Stratosphaere/. 15 p2474 A67-29525
- FABRE, F. Frequency stabilization of the power klystron used in a spectrometer for measurement of relaxation time /Stabilisation en frequence du klystron de puissance utilise dans un spectrometre de mesure des temps de relaxation/. 11 p1767 A67-24752
- FABRE, J. Role played by nutritional factors in flight safety /Role joue par des facteurs nutritionnels dans la securite des vols/. 14 p2254 A67-28216
- FABRI, J. Prospects for electric propulsion in the near future /Perspectives offertes par la propulsion electrique dans un avenir rapproche/. 01 p0142 A67-11410
- The limitation of output in supersonic compressors /La limitation du debit dans les compresseurs supersoniques/. 05 p0874 A67-16746
- Various mixing regimes of two fluids with different stagnation enthalpies /Divers regimes de melange de deux flux d'enthalpies d'arret differentes/.

- [ONERA-TP-411] 05 p0792 A67-16934
Rotating stall in axial flow compressors
/Le decollement tournant dans les
compresseurs axiaux/. 22 p3744 A67-40563
- FABRIKOV, V. A.**
Application of magnetic films in
holography /Primenenie magnitnykh plenok
v golografi/. 12 p1939 A67-25237
- FADDUOL, J. R.**
Rigid open cell polyurethane foam as a
cryogenic multi-layer insulation
component. 24 p4254 A67-42480
- FADEV, V. V.**
Modulation of the Q-factor of a ruby laser
with the aid of saturating filters based on
phthalocyanine solutions /Modulatsiya
dobrotnosti rubinovogo lazera s pomoshch'yu
rastvorov ftalotsianinov/. 02 p0252 A67-12423
- FADINI, E.**
A numerical analysis of lateral range
calculation and optimization. 02 p0333 A67-12335
- FAELTHAMMAR, C.-G.**
On the radial motion of geomagnetically
trapped particles due to perturbations that
change the third adiabatic invariant.
12 p1997 A67-25809
Relationship between changes in the
interplanetary magnetic field and variations
in the magnetic field at the earth's
surface. 19 p3222 A67-35473
- FAENZA, G. R.**
Vehicle flight readiness review - A
technique for assuring maximum probability
of mission success. [AIAA PAPER 67-888] 24 p4140 A67-43001
- FAER, I. U. N.**
Assembly for measuring radio-wave
absorption in the ionosphere at five fixed
frequencies /Ustanovka dlia izmereniia
pogloshcheniia radiovoln v ionosfere na plati
fiksirovannykh chastotakh/. 21 p3586 A67-39044
- FAETH, G. M.**
Monopropellant droplet burning at low
Reynolds numbers. 14 p2376 A67-28552
The ignition and combustion of
monopropellant droplets. [AIAA PAPER 67-480] 18 p3158 A67-33949
- FAETH, P. A.**
The orientation of Cu sub 2 S formed on
single crystal CdS. 21 p3677 A67-38011
- FAFURIN, A. V.**
Turbulent boundary layer of a dissociated
gas at the inlet section of a tube
/Turbulentnyi pogranchnyi sloi
dissotsirovannogo gaza v nachal'nom
uchastke truby/. 11 p1782 A67-24961
- FAGAN, J. H.**
Optimization of navigation
measurements. 02 p0265 A67-12384
- FAGAN, J. R.**
Effect of air damping on structural fatigue
failure. 22 p3915 A67-40405
- FAGAN, R. T.**
Exhaust gas flowfield from the deflection
of twin jets. 17 p2797 A67-32568
- FAGAN, T. L.**
Exponential smoothing for prediction of
reliability growth. 05 p0811 A67-16828
Maintainability in space - A
survey. 05 p0902 A67-17247
Maintainability in space - A
survey. 16 p2741 A67-30445
- FAGELA-ALABASTRO, E. B.**
Laminar gas jet impinging on an infinite
liquid surface. 24 p4144 A67-42585
- FAGEN, E. A.**
High-frequency effects in the acoustic
attenuation of superconducting
aluminum. 14 p2373 A67-28858
- FAGIN, S. L.**
Feedback realization of a continuous-time
optimal filter. 16 p2643 A67-31269
- FAHIMIAN, E. J.**
The role of scatter in determining the
radiative properties of
surfaces. 11 p1817 A67-24052
- FAHLBUSCH, H.**
On the recovery factor in flow of
cambered walls. 14 p2243 A67-28977
- FAHR, D.**
The enhancement of ductility in high-
strength steels. 16 p2693 A67-31872
- FAHR, H.**
Ion motion under the effect of charge-
exchange collisions /Ionenbewegung unter
dem Einfluss von Umladungsstoessen/. 13 p2162 A67-26269
- FAINBERG, I. A. B.**
Spatial and temporal correlations of
electric fields in a weakly turbulent
plasma. 01 p0121 A67-10235
Instability in strongly inhomogeneous
beams /Neustoiichivost' v sil'no
neodnorodnykh puchkakh/. 16 p2716 A67-31178
Drift instabilities of a plasma situated in a
high-frequency electric field. 21 p3667 A67-38374
- FAINBRON, S. M.**
Effect of quenching from the alpha-region
and subsequent tempering on the mechanical
properties of the alloy VT5-1 /Vliianie
zakalki iz alfa-oblasti i posledulushchego
otpuska na mekhanicheskie svoystva splava
VT5-1/. 07 p1200 A67-19249
Effect of heat treatment on the
mechanical properties of AT2 type alloys
/Vliianie termicheskoi obrabotki na
mekhanicheskie svoystva splavov tipa
AT2/. 07 p1207 A67-19286
Mechanical properties and heat resistance
of the ST1 titanium alloy in relation to heat
treatment /Mekhanicheskie i zharoprochnye
svoystva titanovogo splava ST1 v zavisimosti
ot termicheskoi obrabotki/. 07 p1207 A67-19289
- FAINER, A. I.**
Possibility of cascaded frequency doublers
without interstage tunnel-diode
amplifiers. 05 p0777 A67-17173
- FAINI, V. A.**
Retrofit accountability - Now and
tomorrow. 20 p3556 A67-36545
- FAINSHTEN, S. M.**
Nonlinear waves in a system consisting of
a flow and a plasma /Nelineynye volny v
sisteme potok-plazma/. 22 p3853 A67-40124
- FAIR, R. B.**
A pulsed machine-scan electron beam
device. 04 p0623 A67-15316
- FAIR, R. L.**
Cryogenic valve design
considerations. 23 p3936 A67-41426
- FAIR, W.**
Rational approximations to the solution of
the second order Riccati
equation. 02 p0258 A67-11558
- FAIR, W. G.**
Rational approximations to the generalized
Duffing equation. 04 p0647 A67-15660
Rational approximations to the incomplete
elliptic integrals of the first and second
kinds. 18 p3072 A67-34397
- FAIRBAIRN, A. R.**
A shock-tube study of the oscillator
strength of the C sub 2 Swan
bands. 11 p1750 A67-25068
- FAIRBAIRN, J.**
Comparison of constant-load and constant-
stress tensile creep data for an aluminum-
0.07 per cent titanium alloy at 250 deg
C. 14 p2339 A67-29001
- FAIRBANK, C. E.**
AIDS data processing and analysis system.
[AIAA PAPER 67-792] 24 p4126 A67-42953
- FAIRBANK, R.**
The preparation and application of
tantalum thin film passive
components. 16 p2640 A67-31528
- FAIRBANK, W. M.**
Experimental comparison of the
gravitational force on freely falling electrons
and metallic electrons. 24 p4189 A67-42740
- FAIRBANKS, H. V.**
Influence of ultrasonics on some
metallurgical process. 14 p2337 A67-28321
- FAIRBRIDGE, R. W.**
Endospheres and interzonal
coupling. 06 p0999 A67-19006
- FAIRE, A. C.**
Falling sphere measurements of
atmospheric density, temperature and
pressure at Fort Churchill, Canada and
Eglin, Florida. 10 p1639 A67-23205
High-altitude rocket density measurements
at Eglin AFB, Florida. 12 p1937 A67-25837
Recent density, temperature and pressure
results obtained at White Sands Missile
Range compared with IQSY
results. 19 p3218 A67-35219
- FAIRFIELD, D. H.**
Magnetic field measurements with the
IMP 2 satellite. 14 p2310 A67-28052
- FAIRWEATHER, G.**
Some computational results of an
improved A.D.I. method for the Dirichlet
problem. 08 p1299 A67-21257
Some high accuracy difference schemes
with a splitting operator for equations of
parabolic and elliptic type. 15 p2510 A67-29520
Some stable difference approximations to
a fourth-order parabolic partial differential
equation. 20 p3478 A67-37211
- FAITH, T. J.**
Effect of magnetic field on pulse and CW
operation of the large bore ionized gas
laser. 15 p2496 A67-29173
- FAITH, T. J., JR.**
Discharge dynamics in the large diameter
magnetically confined ion gas
laser. 01 p0086 A67-10012
Electric propulsion for
spacecraft. 06 p1074 A67-18418
- FALB, P. L.**
Remarks on the infinite dimensional
Riccati equation. 01 p0047 A67-11213
One-dimensional minimum-time rendezvous
for a thrust-limited
rocket. 12 p2012 A67-25922
On cross-correlation bounds and the
positivity of certain nonlinear
operators. 15 p2457 A67-29373
On the stability of systems with monotone
and odd monotone
nonlinearities. 15 p2457 A67-29374
On the decoupling
of multivariable
systems. 16 p2852 A67-31692
Optimal Control. 18 p3018 A67-34758
- FALCHI, A.**
The corona at the total solar eclipse of
1952 February 25. II. 22 p3889 A67-40206
- FALCIANI, R.**
Limb darkening observed during the
annular solar eclipse of May 20, 1966
/L'oscuramento al bordo osservato durante
l'eclisse anulare di sole del 20 maggio
1966/. 20 p3529 A67-37502
Center-to-limb variations of the
Fraunhofer lines in the spectral interval
from 4000 to 5000 angstrom units observed
during the solar eclipse of May 20, 1966
/Variazioni centro-limbo delle righe di
Fraunhofer nell'intervallo spettrale 4000 -
5000 angstrom units osservate durante
l'eclisse solare del 20 maggio
1966/. 20 p3453 A67-37882
The corona at the total solar eclipse of
1952 February 25. II. 22 p3889 A67-40206
The solar corona during the total eclipse
of Nov. 12, 1966, and the apparent position
of the sun's magnetic poles /La corona
solare nell'eclisse totale del 12 novembre
1966 e la posizione apparente dei poli
magnetici del sole/. 24 p4227 A67-42153
The spectrum of the solar corona during
the total eclipse of Nov. 12, 1966 /Lo spettro
della corona solare nell'eclisse totale del 12
Novembre 1966/. 24 p4154 A67-42157
- FALCO, M.**
Magnetoaerodynamic drag and flight
control. 14 p2394 A67-29041
- FALGE, R. L., JR.**
Superconducting properties of germanium
telluride. 06 p1069 A67-18981
- FALICOV, L. M.**
Theory of the galvanomagnetic properties
of magnesium and zinc. 03 p0495 A67-13511
Phenomenological Landau-Ginzburg theory
for anisotropic
superconductors. 10 p1687 A67-22759
Magnetic breakdown, Fermi surface, and
galvanomagnetic properties in
antiferromagnetic metals. 21 p3678 A67-37817
Magnetic breakdown in
metals. 22 p3866 A67-40552
- FALK, T.**
High accuracy, high reliability infrared
horizon sensors for earth, lunar, and
planetary use. 04 p0625 A67-15664
- FALKOVICH, S. E.**
Determination of an optimum space-time
signal processing system. 03 p0371 A67-13947
A method of reducing interference in the
transmission of digital information through
channels with fluctuation noise /Ob odnom
sposobe povysheniia pomekhoustoiichivosti
peredachi tsifrovoy informatsii po kanalam s
fluktuatsionnymi shumami/. 16 p2623 A67-31014
Spatial-temporal processing in the
presence of multiplicative and additive
fluctuations. 24 p4120 A67-42232
- FALKOVICH, S. V.**
Algebraic self-similar solutions to
equations of transonic plane gas flow
/Algebricheskie avtomodel'nye resheniia
uravnenii okolozvukovogo ploskogo techeniia
gaza/. 02 p0178 A67-11951

- Algebraic self-modeling solutions of two-dimensional transonic gas flow. 17 p2841 A67-33268
- FALKOWSKA, M.**
Investigations by the tagged-atom method of the process of technological purification of germanium tetrachloride to the semiconductor-level of purity /Badania metoda atomow znaczonych procesu technologicznego oczyszczania czterochloru germanu do polprzewodnikowego stopnia czystosci/. 18 p3104 A67-34600
- FALLER, A. J.**
Investigations of stability and transition in rotating boundary layers. 11 p1781 A67-24543
- FALLON, F. W.**
Star catalogue requirements for satellite geodesy. 18 p3043 A67-34586
- FALLSIDE, F.**
Ripple instability in closed-loop control systems with thyristor amplifiers. 05 p0777 A67-17302
- FAN, C.**
Heat transfer for one and two-dimensional pulsating laminar flow in a circular tube. [ASME PAPER 87-HT-85] 20 p3550 A67-36747
Monte Carlo solutions of molecular flow through cylindrical ducts. 22 p3784 A67-39946
- FAN, C. Y.**
Abundances and energy spectra of galactic cosmic-ray nuclei above 20 Mev per nucleon in the nuclear charge range 2 less than or equal to Z less than or equal to 26. 02 p0307 A67-11687
Galactic deuterium and its energy spectrum above 20 Mev per nucleon. 03 p0472 A67-13390
Composition and spectra of charged particles of solar and cosmic origin measured on satellites. 13 p2193 A67-27249
Lamb shift in the ⁶Li super β /super plus plus ion. 22 p3839 A67-39202
- FAN, D.-N.**
Unsteady magnetohydrodynamic flow past thin bodies with inwardly diffusing magnetic field. 22 p3850 A67-39707
- FAN, G. J.**
Magnetic and optical properties of transparent RbNIF sub 3. 12 p1984 A67-25747
- FAN, L. T.**
Optimization of systems reliability. 20 p3556 A67-37316
- FAN, T. C.**
Further study on the dynamic stability of cylindrical shells. 01 p0164 A67-11187
- FANCHENKO, S. D.**
Study by a scintillation method of X rays emitted from a plasma. 08 p1357 A67-20846
Investigation of the dependence of plasma resistance on electric-field intensity /Issledovanie zavisimosti soprotivleniya plazmy ot napriazhennosti elektricheskogo polya/. 16 p2721 A67-31483
- FANELLI, L. H.**
Prediction of strength of graphite material by nondestructive test techniques. [ASTM PAPER 54] 18 p3070 A67-34584
- FANG, B. T.**
Orbital guidance and rendezvous using perturbation method. [AIAA PAPER 87-55] 06 p1028 A67-18265
Kalman-Bucy filter for optimum radio-inertial navigation. 24 p4182 A67-42184
- FANG, F. F.**
Oscillatory magneto-conductance in Si surfaces. 06 p1063 A67-18940
- FANG, H. S.**
Effect of rapid decompression on lymph pressure of the dog. 22 p3751 A67-39600
- FANG, P. H.**
Analysis of shear-relaxation processes in liquid. 05 p0758 A67-18133
Interaction of lithium with impurities and defects in silicon. 05 p0870 A67-17273
Kinetics of complex defect annealing in silicon. 09 p1557 A67-22420
Dynamics of annealing of Li-diffused p-on-n silicon solar cells. 19 p3306 A67-35871
Dielectric constants of PbWO sub 4 and CaWO sub 4. 20 p3505 A67-36179
Thermal annealing of radiation damage in solar cells. 20 p3384 A67-37129
Present status of lithium-diffused silicon solar cells. 23 p3941 A67-41523
- FANNELOP, T. K.**
A method of solving the three-dimensional laminar boundary-layer equations with application to a lifting reentry body. [AIAA PAPER 87-159] 06 p0989 A67-18480
- FANNING, W. R.**
The Haystack antenna. Mechanical concept, design and testing. 03 p0396 A67-13750
- FANTE, R. L.**
Effect of thin plasmas on an aperture antenna in an infinite conducting plane. 07 p1151 A67-19447
Effective field for microwave breakdown in the presence of an external magnetic field. 09 p1462 A67-21646
Effect of plasma on small tuned dipoles. 16 p2627 A67-31367
The effect of an offset impedance sheet on the admittance of a slot antenna. 19 p3197 A67-35823
The fields of a current loop inside an infinite cylindrical column. 23 p3982 A67-41686
Mutual admittance of infinite slot antennas. 24 p4133 A67-42818
- FANTERA, I. A.**
Angle-of-arrival measurements performed over a 296-km troposcatter path. 05 p0760 A67-15998
- FANTI, P.**
The Italian earth station for satellite communications at Fucino. 19 p3207 A67-35568
- FANTO, P.**
Characteristics of VLF radio wave tracking stations for ionospheric investigation /Caracteristicas de estacoes de rastreo de ondas de radio VLF para investigacoes ionosfericas/. 20 p3386 A67-37481
- FANUCCI, J. B.**
Characteristics of a finite length M.H.D. traveling wave cylindrical accelerator or generator. [AIAA PAPER 87-714] 21 p3673 A67-38740
- FARADAY, B. J.**
Annealing of proton radiation damage in silicon solar cells. 07 p1237 A67-20143
An annealing study of electron-irradiated silicon solar cells. 19 p3305 A67-35668
Thermal annealing of proton-irradiated silicon solar cells. 19 p3305 A67-35669
Thermal annealing of proton-irradiated silicon solar cells. 23 p3940 A67-41518
- FARAFONOV, V. K.**
Effect of alloying elements on the properties of the austenite of chromium-nickel steels /Vlianie legirulushchikh elementov na svoystva austenita khromonikelevykh stalei/. 13 p2142 A67-27285
Effect of deformation conditions on the heat resistance and softening of nickel /Vlianie rezhimov deformatsii na razuprochnenie i zharoprochnost' nikel'/. 16 p2687 A67-30646
- FARBER, E.**
Measurement of rotational-velocity and ion-density profiles in plasma vortices. 19 p3288 A67-35361
- FARBER, M.**
The thermodynamic and physical properties of beryllium compounds. X. 06 p1071 A67-17984
- FARBSHTEIN, I. I.**
Complex oscillation of the photomagnetic effect in n-InSb in a strong magnetic field. 17 p2914 A67-32451
- FAREEDUDDIN, K.**
Circulatory response to upright tilt in patients with heart disease. 07 p1135 A67-19866
- FARHI, L. E.**
Elimination of inert gas by the lung. 21 p3575 A67-38515
Effects of ventilation-perfusion inequality on elimination of inert gases. 21 p3575 A67-38516
- FARINA, D.**
Airborne computers employing MOS LSI techniques. 08 p1297 A67-20633
- FARIS, J.**
Vacuum-ultraviolet photolysis of ethane films. 05 p0758 A67-18128
- FARIS, J. L.**
Photolysis of gaseous benzene at 1470 angstrom units. 22 p3757 A67-39443
- FARKAS, GY.**
Dependence of non-classical electron emission from metals on the direction of polarisation of laser beams. 06 p1012 A67-18759
- FARLEY, D. T.**
Ionospheric temperature and composition measurements at the magnetic equator. 03 p0408 A67-12834
- FARLEY, D. T., JR.**
Proton gyroresonance observed in incoherent scattering from the ionosphere. 21 p3578 A67-37758
- FARLEY, J. L.**
A simplified procedure for reliability evaluation of MOS LSI circuits. 20 p3398 A67-36800
- FARLOW, N. H.**
Sampling with a luster sounding rocket during a Leonid meteor shower. 04 p0699 A67-14966
Contaminants vs micrometeorites from the 1965 Leonid Meteor Shower. 23 p3986 A67-40850
- FARMER, A. R.**
Ripple instability in closed-loop control systems with thyristor amplifiers. 05 p0777 A67-17302
- FARMER, D. J.**
Atomic frequency standards for special applications. 15 p2487 A67-29582
- FARMER, M. G.**
Wind-tunnel studies of ground-wind loads on Saturn launch vehicles. 07 p1257 A67-19371
- FARN, C. L.**
On the irreversible thermodynamics of hydromagnetic energy conversion. 13 p2055 A67-27001
- FARN, C. L. S.**
Suddenly pressurized elastomagneto-hydrodynamic channel flow. 03 p0483 A67-14035
Combined free and forced convection in MHD. [ASME PAPER 86-WA/HT-38] 04 p0724 A67-15429
- FARNELL, G. W.**
Low-frequency instability in semi-insulator GaAs. 01 p0133 A67-10473
GaAs transducers. 03 p0428 A67-14302
- FARNHAM, K. A.**
Moire study of anticlastic deformations of strips with tapered edges. 11 p1875 A67-24613
Contact stresses between cylindrical shafts and sleeves. 18 p3054 A67-34263
- FARNSWORTH, H. E.**
Investigation of surface bombardment damage by LEED. 19 p3246 A67-35784
- FARQUHAR, R. W.**
Station-keeping in the vicinity of collinear libration points with an application to a lunar communications problem. [AAS PAPER 86-132] 07 p1146 A67-19991
Station-keeping in the vicinity of collinear libration points with an application to a lunar communications problem. [AAS PAPER 86-132] 13 p2210 A67-27543
Lunar communications with libration-point satellites. 22 p3886 A67-40107
- FARR, D. E.**
The utilization of human factors information by designers. 15 p2431 A67-29897
- FARRAH, H. R.**
Analysis of double-gate thin-film transistor. 10 p1812 A67-23373
- FARRAR, H. D.**
Support of NASA quality requirements by defense contract administration services regions. 05 p0930 A67-17262
- FARRAR, P. A.**
Titanium-chromium-vanadium system. 11 p1806 A67-24362
- FARRAR, R. T.**
Vanadium charge compensator site in laser CaWO sub 4. 04 p0633 A67-15306
- FARRELL, E. J.**
Accuracy of star occultation measurements for satellite navigation. 18 p3075 A67-34108
- FARRELL, G. F., JR.**
Mutual coupling effects of triangular-grid arrays by modal analysis. 02 p0212 A67-11614
- FARRELL, G. J.**
Evaluating explosions in diffusion-pumped vacuum systems. 06 p0979 A67-17632
- FARRELL, J. L.**
Analytic platforms in cruising aircraft. 06 p0947 A67-18007
Attitude determination by Kalman filtering. 21 p3715 A67-39150
- FARRELL, K.**
Recrystallization, grain growth and the ductile-brittle transition in tungsten sheet. 20 p3467 A67-37119
- FARRELL, R. A.**
Theoretical study of a solid propellant having a heterogeneous surface reaction. I. 07 p1239 A67-19074
- FARRIER, D. S.**
Structures and stereochemistry of clivonine and clivimine. 08 p1458 A67-22059
- FARTHING, W. H.**
Rubidium vapor magnetometer for near

- earth orbiting spacecraft. 20 p3443 A67-36513
- FARWIG, P.**
The optics of electrically and magnetically anisotropic media /Zur Optik elektrisch und magnetisch anisotroper Medien/. 24 p4119 A67-41889
- FASAN, E.**
Lunar stations under national flags/ques/ /Mondstationen unter nationaler Flagge/ques//. 13 p2230 A67-26339
- FASCENELLI, F. W.**
An aerospace word list for speech discrimination testing. 23 p3963 A67-41542
- FASHANO, M.**
Computer generation of DB Margin Summaries for telecommunications links. 06 p1292 A67-20653
- FASOLA, A. F.**
Renin secretion during plus G sub z acceleration. 23 p3956 A67-41634
Peripheral venous renin levels during plusG sub z acceleration. 23 p3960 A67-41700
- FASTIE, W. G.**
Experimental measurement of the energy distribution of secondary electrons in an aurora. 03 p0418 A67-14357
Ultraviolet measurements in planetary atmospheres. [JHU-TR-11] 10 p1653 A67-22739
Far U.V. day airglow observations of atomic oxygen and atomic hydrogen. 12 p1934 A67-25787
- FASTOVSKII, U. V.**
Magnetometric equipment on board the space laboratory "Elektron-2." 11 p1789 A67-24079
- FATE, W. A.**
Amplitude-Independent ultrasonic attenuation in superconducting lead. 19 p3304 A67-35536
- FATEEVA, G. M.**
Cauchy problem and the boundary value problem of linear and quasi-linear degenerate hyperbolic second-order equations /Zadacha Koshi i kraevaya zadacha dlya lineynykh i kvazilineynykh vyrozhdalushchikhsia giperbolicheskikh uravnenii vtorogo poriadka/. 11 p1814 A67-24851
- FATIO, J. L.**
Devices for the statistical study of systems - Random function generators and a numerical recording device /Dispositifs pour l'etude statistique de systemes - Generateurs de fonctions aleatoires, dispositif d'enregistrement numerique/. 06 p0966 A67-17586
- FATKIN, I. U. M.**
Game approach to the problem of selecting optimal parameters for a dynamic system /Igrovoi podkhod k zadache vybora optimal'nykh parametrov dinamicheskoi sistemy/. 06 p1088 A67-18616
Selection of an optimum propulsion control law in the problem of motion with limited capacity in the mass-accumulation regime /Vybora optimal'nogo zakona upravleniya tiagol v zadache dvizheniya s ogranichennoi moshchnost'yu v rezhime nakopleniya massy/. 12 p1989 A67-25659
Air scoops in problems of optimization of power-limited flight. 13 p2212 A67-26893
Utilization of an inert mass in an engine with limited discharge velocity /Ispol'zovanie inertnoi massy v dvigatele ogranichennoi skorosti istecheniya/. 21 p3689 A67-37986
- FATKINA, A. M.**
Effect of nickel on the mechanical properties and the cold shortness threshold of low-carbon steel /Vlianiye nikela na mekhanicheskie svoystva i porog khladnolomkoski nizkouglerodistoi stali/. 04 p0836 A67-14750
Effect of nickel on the mechanical properties and cold brittleness threshold of low-carbon steel. 18 p3066 A67-34408
- FATKULLIN, M. N.**
Lunar tides in the ionosphere near the magnetic equator /Lunnye prilivy v ionosfere vblizi magnitnogo ekvatora/. 02 p0237 A67-11673
Effects of the external sources of the geomagnetic field at the altitude of the F2 layer. I /Ob effektakh vneshnikh istochnikov magnitnogo polya na vysotakh sloia F2. I/. 05 p0800 A67-17119
Lunar tides in the ionosphere in the vicinity of the magnetic equator. 16 p2665 A67-31088
Space-time distribution of ionization in the F2 region of the ionosphere at high

- latitudes in the Southern Hemisphere /O prostranstvenno-vremennom raspredelenii ionizatsii v oblasti F2 ionosfery na vysokikh shirotoakh luzhnogo polushar'ia/. 16 p2666 A67-31893
Effects of external sources of the magnetic field at F sub 2 -layer heights. I. 21 p3618 A67-38462
- FATMI, H. A.**
Auxiliary ionization methods for closed-cycle MHD generators. 09 p1443 A67-21810
- FATSEAS, G. A.**
Electronic processes in gamma-iron telluride /Processus electroniques dans le tellurure de fer gamma/. 17 p2911 A67-32220
- FAUCETT, G. E.**
T-38 Pilot training, evolution or revolution/ques/ [AIAA PAPER 66-798] 01 p0009 A67-10536
- FAUCHAIS, P.**
Practical calculation of the thermodynamic properties of plasmas /Metodika rascheta termodinamicheskikh svoystv plazmy/. 17 p2894 A67-32146
Measurement of the electrical conductivity of a plasma jet /Izmerenie elektropovodnosti strui plazmy/. 17 p2895 A67-32154
- FAUCHER, G.**
Diffusion of protons and nuclei at 27 GeV/c /Diffusions protons-noyaux a 27 GeV/c/. 13 p2160 A67-26436
- FAUCHER, G. A.**
Falling sphere density measurements. 07 p1181 A67-19938
- FAUCONNEAU, G.**
Bounds for the natural frequencies of a simply supported beam carrying a uniformly distributed axial load. 14 p2403 A67-29005
- FAUGERE, J.-F.**
Description of the space environment - Illustration of its effect on materials /Description de l'environnement spatial - Illustration de ses effets sur les materiaux/. 19 p3327 A67-35672
- FAULDERS, C. R.**
The effect of aerodynamic characteristics on the flare and landing of low L/D glide vehicles. [AIAA PAPER 67-575] 19 p3335 A67-35970
- FAULKNER, D.**
Hot-working effects in the parent gamma-phase of iron meteorites. 24 p4232 A67-42809
- FAULKNER, E. A.**
Flicker noise in silicon planar transistors. 09 p1474 A67-22041
- FAULKNER, J.**
Evidence for a correlation between the position and red-shift of quasars. 05 p0898 A67-16887
Age-helium content correlations for two low-mass field binary systems. 11 p1858 A67-23996
Surface helium abundance in horizontal branch and halo B stars. 17 p2947 A67-32764
- FAULKNER, M. G.**
Bending behavior of a rectangular plate with a bitrapezoidal cross section. 21 p3722 A67-38436
- FAULMANN, D.**
Study of the flow around a flat plate at an angle of incidence at high Mach numbers /Etude de l'ecoulement autour d'une plaque plane en incidence a des nombres de Mach eleves/. 11 p1742 A67-24761
- FAUNER, G.**
Synthetics in aircraft and rocket construction. I /Kunststoffe im Flugzeug-und Raketenbau. I/. 20 p3473 A67-36453
Plastics in aircraft and rocket construction. II /Kunststoffe im Flugzeug-und Raketenbau. II/. 23 p4021 A67-41400
- FAURE, A.**
A versatile aluminum alloy for cryogenic applications. 13 p2142 A67-27673
- FAURE, G.**
Process of freezing stresses at ambient temperature /Procédé de flegage des contraintes a la temperature ambiante/. [ONERA-TP-387] 05 p0919 A67-16480
Flutter of flat panels at low supersonic speeds /Flottements de panneaux plans en supersonique faible/. 17 p2961 A67-32699
Low-impedance subminiaturized pressure pick-up coupled with a statistor /Capteur de pression subminiature a basse impedance par association avec un statistor/. 20 p3435 A67-36323
- FAUST, H.**
Satellites for meteorological purposes - Cloud photography /Satelliten im Dienste

- der Meteorologie - Wolkenphotographie/. 01 p0109 A67-10766
Satellites for meteorological purposes - Radiation measurements /Satelliten im Dienste der Meteorologie - Strahlungsmessungen/. 04 p0648 A67-14409
Interaction between the different layers of the homosphere. 13 p2115 A67-26864
Stratospheric temperatures in the North and South polar regions /Stratosphaerische Temperaturen im Nord-und Suedpolargebiet/. 15 p2475 A67-29579
Circulation in the earth's atmosphere as a function of astronomical parameters /Die Zirkulation in der Erdatmosphäre als Funktionen astronomischer Parameter/. 16 p2668 A67-31567
A bird's-eye view of the mesosphere /Die Mesosphäre aus der Vogelschau/. 18 p3030 A67-33552
The spring wind reversal in the stratosphere and mesosphere /Zur Fruehjahrs-Windumstellung in Stratosphaere und Mesosphäre/. 18 p3074 A67-34352
Meridional sections of the zonal wind up to a height of 60 km from 60 deg N to 10 deg S /Meridionalschnitte des Zonalwindes bis 60 km Hoehe von 60 deg N bis 10 deg S/. 20 p3480 A67-36965
Rocket measurements above England /Raketenmessungen ueber England/. 20 p3480 A67-36966
Probes landing on the surfaces of other celestial bodies /Sonden zur Oberflaeche anderer Himmelskoerper/. 22 p3900 A67-39613
Energy transport to the mesosphere/ques/ /Energie transport zur Mesosphäre/ques/. 22 p3793 A67-40032
- FAUST, J. W., JR.**
Microinhomogeneity problems in silicon. 02 p0257 A67-12434
- FAUST, W. L.**
Mixing of visible and near-resonance infrared light in GaP. 04 p0682 A67-15464
- FAUVEL, C.**
Use of gliders with an integral takeoff device for practicing sport soaring /Utilisation de planeurs a "dispositif d'envol incorpore" pour la pratique du sport due vol a voile/. 22 p3744 A67-39303
- FAVERO, M. S.**
Factors influencing the recovery of viable micro-organisms from surfaces. 10 p1601 A67-23348
Heat sterilization of activated carbon. 11 p1749 A67-24788
Feasibility of using ultrasonics for removing viable microorganisms from surfaces. 19 p3179 A67-34911
Assessment of microbial contamination on surfaces of space hardware by ultrasonics. 23 p3962 A67-40652
- FAVORSKII, A. P.**
Nonlinear effect of the formation of a self-sustaining high-temperature electrically conducting gas layer in unsteady MHD processes /Nelineinyi effekt obrazovaniya samopodderzhivaushchegosia vysokotemperaturnogo elektroprovodnogo sloia gaza v nestatsionarnykh protsessakh magnitnoi gidrodinamiki/. 14 p2355 A67-27839
- FAVORSKII, O. N.**
Selection of a coolant for the radiative-cooling circuit of a space vehicle /O vybore teplonositella v konture kholodil'nika-izluchatella kosmicheskikh apparatov/. 24 p4253 A67-42217
- FAVRE, A.**
Analog device for statistical measurements of correlation in time /Appareil analogique de mesures statistiques de la correlation dans le temps/. 01 p0054 A67-11090
Analog apparatus for statistical measurements of correlation in time /Appareil analogique de mesures statistiques de la correlation dans le temps/. 04 p0620 A67-14889
- FAVRE, A. E.**
Design factors for forgings. 14 p2323 A67-27815
- FAWCETT, E.**
Oscillatory magnetostriction in n-gallium antimonide. 02 p0296 A67-11819
- FAWCETT, J. N.**
Study of the effects of rotor bearing clearance on the whirling of a gimbal-mounted gyroscope. 14 p2328 A67-29004
- FAWCETT, W.**
Stable domain propagation in the Gunn effect. 03 p0493 A67-13461
Optical absorption due to free holes in

- germanium - A comparison of theory and experiment. 05 p0869 A67-17192
Effect of field-dependent diffusion on stable domain propagation in the Gunn effect. 16 p2727 A67-30851
- FAY, J. A.**
Measurement of the growth of a turbulent mercury jet in a coaxial magnetic field. 06 p1040 A67-18130
A finite difference solution of nonequilibrium boundary layers. [AIAA PAPER 67-219] 06 p0990 A67-18515
Voltage-current characteristics of Hartmann boundary layers in plasmas. 12 p1972 A67-25384
The shape of a magnetically balanced arc. 17 p2906 A67-33033
A finite-difference solution of similar nonequilibrium boundary layers. [AIAA PAPER 67-219] 23 p3991 A67-41715
- FAYOLLE, J. C.**
Diffusion of protons and nuclei at 27 GeV/c /Diffusions protons-noyaux a 27 GeV/c/. 13 p2160 A67-26436
- FAZIO, G. G.**
The OSO 1 high-energy gamma-ray experiment. 14 p2381 A67-28057
- FEA, K.**
Satellite accelerations and air densities at extreme altitudes. 18 p3042 A67-34257
- FEARN, D. G.**
The conical z-pinch plasma gun. 07 p1230 A67-20257
Electrode conduction processes and segmented electrode-insulator ratio effects in MHD power generation experiments. 09 p1539 A67-21785
The interaction of a flowing plasma with a non-uniform magnetic field. 20 p3496 A67-36214
- FEARN, R. L.**
Constant acceleration of an undamped simple vibrator through resonance. 20 p3541 A67-37485
- FEARNOW, F. R.**
A microelectronic data link for all-weather carrier landings. 01 p0026 A67-10969
- FEARNSIDE, K.**
The development of automatic landing in the Trident aircraft. 03 p0464 A67-13002
- FEAUTRIER, N.**
Hydrogen lines. II /Sur les raies de l'hydrogene. II/. 10 p1704 A67-22884
- FEAUTRIER, P.**
Study of the behavior at infinity of the specific intensity in a parallel plane atmosphere /Etude du comportement a l'infini de l'intensite specifique dans une atmosphere plane 14 p2391 A67-28946
- FECHTIG, H.**
Electron microscope and microprobe measurements on Luster-flight samples. 10 p1707 A67-23238
Tritium diffusion measurements of proton-irradiated samples of the iron meteorite Sikhote-Alin /Tritium-Diffusionsmessungen an protonenbestrahlten Proben des Eisenmeteoriten 17 p2942 A67-32357
Stereoscan investigations of metal plates exposed on LUSTER 1966, Gemini IX and XII. 19 p3339 A67-35197
- FEDAK, J.**
Computerized implementation of parts control. 09 p1583 A67-22307
- FEDAROVICH, N. V.**
Mechanism of motion and the heat transfer of dispersed material in a vertical channel /Ab mekhanizme rukhu i tseplaabmene dyspersnaga materiyalu u vertikal'nykh kanalakh/. 17 p2967 A67-32132
- FEDCHENKO, K. K.**
Diurnal meson-intensity wave of atmospheric origin at high latitudes /Sutochnaya volna mezonnoi intensivnosti atmosfernogo proiskhozhdeniya v vysokikh shirotakh/. 05 p0796 A67-18117
Diurnal variation of the hard component near minimum solar activity /Sutochnaya variatsiya zhestkoi komponenty vblizi minimuma solnechnoi aktivnosti/. 17 p2932 A67-32080
Anomalous behavior of the diurnal cosmic-ray variation near the solar-activity minimum /Anomal'noe povedenie sutochnoi variatsii kosmicheskikh luchei vblizi minimuma solnechnoi aktivnosti/. 23 p4058 A67-41127
The diurnal meson-intensity wave of atmospheric origin at high latitudes. 24 p4152 A67-42793
- FEDCHIK, L. A.**
Softening and recrystallization of deformed niobium during annealing /Razuprochnenie i rekristallizatsiya deformirovannogo niobia pri otzhige/. 22 p3823 A67-40326
- FEDCHIN, S. S.**
Aircraft navigation /Samoletovozhdenie/. 19 p3254 A67-34894
- FEDER, A.**
Thermal environmental performance effects for packaged liquid rockets. [AIAA PAPER 66-686] 02 p0303 A67-11944
- FEDER, H. M.**
Thermodynamic properties and ordering in liquid NaK alloys. 21 p3733 A67-39106
- FEDER, M. P.**
Stability and control of gyroscopic bodies with two degrees of freedom. 15 p2490 A67-30156
- FEDERIGHI, T.**
On the nature of recovery stage III in irradiated Al. 17 p2873 A67-32743
- FEDERLINE, M. F.**
Operating gears in a simulated space vacuum - The vacuum facility and several techniques. [ASLE PAPER 66AM-7A4] 13 p2123 A67-27099
- FEDIAKOV, V. P.**
Ion cyclotron resonance in a dense plasma with hot electrons. 05 p0853 A67-18755
- FEDIANIN, O. I.**
Electrical method for plasma flux cutoff /Elektricheskiy metod otsechki plazmennogo potoka/. 04 p0667 A67-15213
An electrical method for plasma flux cutoff. 15 p2532 A67-30261
Injection of a plasma into a closed magnetic trap with a double-helix field /Inzhekttsiya plazmy v zamknutulu magnitnulu lovushku s dvukhzakhodnym vintovym polem/. 17 p2903 A67-32910
- FEDIK, I. I.**
Large deformations of zero-moment orthotropic shells of revolution under the action of inertial loads /Bol'shie deformatsii bezmomentnykh ortotropnykh obolochek vrashcheniya, nakhodiaschikhslia pod deistviem inertsionnykh nagruzok/. 12 p2028 A67-25629
- FEDINSKII, A. V.**
Rocket measurements of some parameters in the mesosphere by a heat method. 19 p3216 A67-35183
- FEDOR, L. S.**
Comparison of ionospheric drift velocities by the spaced receiver technique with neutral winds from luminous rocket trails. 10 p1643 A67-23252
- FEDORCHENKO, A. M.**
Extraction and amplification of the difference frequency in a plasma-and-beam system. 05 p0766 A67-17170
Plasma stationary distribution in the field of a strong electromagnetic wave /K voprosu o statsionarnom raspredelenii plazmy v pole sil'noi elektromagnitnoi volny/. 06 p1045 A67-18779
Two-variable Laplace transform for evaluating spatial gain and evanescence. 09 p1463 A67-21992
Conversion of transverse electromagnetic waves into longitudinal waves at a dielectric-plasma boundary. 09 p1464 A67-21993
Steady-state plasma distribution in a strong electromagnetic wave. 18 p3086 A67-33720
Theory of beat-frequency generation and multiplication in a plasma-beam system /K teorii umnozheniya i vydeleniya raznostnoi chastoty v sisteme plazmapuchok/. 18 p3087 A67-34037
Redistribution of the density of plasma electrons and ions caused by a strong microwave field /Pereraspredelenie plotnosti elektronov i ionov plazmy, vyzvannoe sil'nym polem SVCh/. 18 p3087 A67-34040
Theory of electromagnetic fluctuations in a semiminfinite plasma /Do teorii elektromagnitnykh fluktuatsii v napolyvmezhenii plazmi/. 24 p4195 A67-42075
- FEDORCHENKO, B. IA.**
Effect of pressure and underheating on the heat-transfer crisis during boiling in a large volume of liquid /Vliianie davleniya i nedogreva na krizis teploobmena pri kipenii v bol'shom ob'eme zhidkosti/. 17 p2970 A67-32460
- FEDORCHENKO, I. M.**
A study of the properties of antifriction nickel-graphite composites. 08 p1341 A67-20599
Materials made of metallic fibers /Materialy iz metallicheskikh volokon/. 20 p3466 A67-36912
Investigation of porous cermet fire barriers for localizing acetylene-oxygen and hydrogen-oxygen flames /Issledovanie poristyykh metallokeramicheskikh ognepregraditelei dlia lokalizatsii atsetileno-kislородnogo i vodorodno-kislородnogo plameni/. 24 p4159 A67-41957
- FEDORCHENKO, V. D.**
Interaction of cyclotron ion waves with high-frequency plasma oscillations /Vzaimodelstvie ionnykh tsiklotronnykh voln s vysokochastotnymi kolebaniyami plazmy/. 04 p0667 A67-15209
Interaction of ion cyclotron waves with high-frequency plasma oscillations. 15 p2532 A67-30257
- FEDORENKO, A. I.**
Grain-oriented growth in beryllium condensates /O teksturakh rosta v kondensatakh berillia/. 04 p0641 A67-15979
Study of the defects of reciprocally oriented polycrystalline bismuth-antimony films by the moire method /Izuchenie defektov polikristalicheskikh vzaimno orientirovannykh plenok vismut-surma metodom muara/. 20 p3510 A67-36813
- FEDORENKO, G. M.**
Experiment concerning the operation of a molecular-beam laser on board a satellite /Opyt raboty molekularnogo generatora na iskusstvennom sputnike zemli/. 21 p3582 A67-38594
- FEDORENKO, L. I.**
Photomechanical effect in germanium containing weakly soluble elements as impurities. 04 p0680 A67-15285
- FEDORENKO, N. V.**
Charge transfer of protons in alkali metal vapors with the formation of highly excited hydrogen atoms. 08 p1358 A67-20855
- FEDORININ, A. A.**
Analysis of the static regime of a switching circuit using a combination of a tunnel diode and a common-base transistor /Analiz staticheskogo rezhima perekhluchaiushchel skhemy na kombinatsii tunnel'nyi diod-tranzistor s obshchel bazoi /OB//. 05 p0772 A67-16452
- FEDORIUK, M. V.**
Stability in C of the Cauchy problem for difference equations and partial differential equations /Ob ustoychivosti v c zadachi Koshi dlia raznostnykh uravnenii i uravnenii s chastnymi proizvodnymi/. 17 p2877 A67-32677
- FEDOROV, A. F.**
A memory device for a matrix time meter /Zapominalushchee ustroistvo dlia matrichnogo izmeritella vremeni/. 16 p2874 A67-31119
- FEDOROV, A. IA.**
Experimental study of tunnel-diode oscillators /Eksperimental'noe issledovanie generatorov na tunnel'nykh diodakh/. 12 p1917 A67-28098
Design of tunnel diode oscillators from averaged characteristics /Raschet generatorov na tunnel'nykh diodakh po usrednennym kharakteristikam/. 16 p2837 A67-31028
- FEDOROV, E. A.**
Results of medical examination of the crew of the cosmic ship Voskhod before and after its flight. 07 p1133 A67-19108
- FEDOROV, E. I.**
Localization of spins in a superconductor. 05 p0863 A67-16757
- FEDOROV, E. P.**
Investigation of an annular vaporizing combustion chamber in application to small-size gas-turbine engines /Issledovanie kol'tsevoi isparitel'noi kamery sgoraniya primentel'no malorazmernym gazoturbinnym dvigatelam/. 11 p1853 A67-24526
- FEDOROV, G. B.**
Some laws regarding changes in the parameters D sub 0 and Q during diffusion in metals and alloys. 19 p3243 A67-34928
- FEDOROV, G. V.**
Anisotropy of the Hall effect in dysprosium /Ob anizotropii effekta Kholla v disprozii/. 01 p0133 A67-10743
Anisotropy of the Hall effect in dysprosium. 13 p2176 A67-26772

FEDOROV, I. V.

Synthesis of tissue proteins in hypodynamic animals /O sinteze tkanevykh belkov u zhivotnykh pri gipodinamii/. 13 p2059 A67-26759
Nitrogen metabolism in animals during hypokinesia /Azotistyl obmen pri gipokinezii zhivotnykh/. 20 p3388 A67-36261

FEDOROV, M. A.

Inductive sensor with correcting windings /Induktivnyy datchik s korrrektirulushchimi obmotkami/. 06 p1003 A67-18173

FEDOROV, T. F.

Ti-Zr-C and Ti-Hf-C ternary systems /Troynye sistemy Ti-Zr-C i Ti-Hf-C/. 15 p2505 A67-30388

FEDOROV, V. B.

Experimental methods for determining the heat resistance of refractory materials /Eksperimentalnye metody opredeleniya termostokostei tugoplavkikh materialov/. 07 p1198 A67-19128

FEDOROV, V. I.

Study of the thermal conductivity of liquid semiconductors /Issledovanie teploprovodnosti zhidkikh poluprovodnikov/. 16 p2731 A67-31388

FEDOROVA, E. O.

Stratospheric balloon measurements of the brightness of a cloudless day sky in the region from 1 to 6 mu /Stratosfatnye izmereniya iarkosti dnevnogo bezoblachnogo neba v oblasti 1-6 mkm/. 14 p2313 A67-28768

FEDOROVA, G. A.

Some features of the intrinsic photoeffect in layers of the Se-As-Tl system in the visible and X-ray spectral regions /O nekotorykh osobennostyakh vnutrennego fotoeffekta v slolakh sistemy Se-As-Tl v vidimoi i rentgenovskoi oblastiakh spektra/. 03 p0498 A67-13838

Certain characteristics of the photoconductive effect in layers of the system Se-As-Tl in the visible and X-ray regions of the spectrum. 13 p2184 A67-27719

FEDOROVA, L. R.

Ultrasonic inspection for macrodefects and local structural irregularities in turbine blades. 06 p1007 A67-18103

FEDOROVA, N. I.

Hydroxyl emission at high latitudes /Gidrokssil'noe izluchenie v vysokikh shirotakh/. 17 p2848 A67-32955

Helium twilight emission at high latitudes /Sumerechnaya emissiya geliya v vysokikh shirotakh/. 17 p2849 A67-32959

FEDOROVA, N. L.

Condition of spermatogenesis in the dogs Ugolok and Veterok after their flight on the satellite Cosmos 110 /Sostoianie spermatogeneza u sobak Ugolok i Veterok posle poleta na Sputnike "Kosmos-110"/. 20 p3367 A67-36257

FEDOROVA, R. I.

Exobiology and the effect of physical factors on micro-organisms. 15 p2427 A67-29117
A comparative evaluation of different methods for detection of extraterrestrial life. 19 p3180 A67-35250

FEDOROVA, Z. A.

Taking into account the effect of currents in the Akasofu-Chapman model radiation belt on the cutoff rigidity of cosmic rays /Uchet vliyania tokov v model'nom radiatsionnom polase Akasofu-Chapmena na zhestkost' otsekanila kosmicheskikh luchei/. 05 p0880 A67-16111

Calculation of the influence of the currents in the Akasofu-Chapman model radiation belt on the cosmic ray cutoff rigidity. 24 p4214 A67-42787

FEDOROVICH, R. D.

Conductivity of thin metallic films of island structure /Provodimost' tonkikh metallicheskikh plenok ostrovnol struktury/. 03 p0490 A67-13159

FEDOROVSKII, A. E.

The measurement of the Young's and shear moduli and the internal friction of small specimens. 01 p0062 A67-10163

FEDOROWICZ, R. J.

Multicolor wavefront reconstruction. 10 p1653 A67-22749

FEDORS, R. F.

Fracture of amorphous polymers. 16 p2694 A67-31313
A test of the predictability of the properties of filled systems. [AIAA PAPER 67-491] 18 p3143 A67-33956

FEDORUS, A. G.

Binding energy of Cs atoms adsorbed on /110/ and /100/ faces of a tungsten crystal. 23 p4042 A67-41298

FEDORUS, G. A.

Determination of the electron-hole pair separation energy in CdS single crystals during irradiation by 5-to 50-keV electrons /Opredelenie energii razdeleniya pary elektron-dyrka v monokristallakh CdS pri obluchenii elektronami s energiei 5 - 50 kev/. 03 p0490 A67-13160

Threshold characteristics of photoresistors on a base of cadmium sulfide single crystals /Porogovye kharakteristiki fotorezistorov na osnove monokristallov sul'fida kadmila/. 07 p1152 A67-19592

Determination of the energy of separation of an electron-hole pair in CdS single crystals during irradiation by 5-50 keV electrons. 10 p1690 A67-23107

Nature of the photorectifying effect in cadmium selenide /O prirode fotoventil'nogo effekta v selenide kadmila/. 14 p2367 A67-28527

Threshold characteristics of single crystal cadmium sulfide photoresistors. 20 p3401 A67-37331

Electron-beam detectors employing CdS single crystals /Detektory elektronnykh puchkov na osnove monokristallov CdS/. 22 p3798 A67-39568

Nature of the photobarrier effect in cadmium selenide. 23 p4039 A67-40934

FEDOSEEV, A. N.

Envelope distribution of a signal-plus-noise mixture with random angle modulation. 05 p0765 A67-16961

FEDOSEEV, D. V.

Some two-dimensional heat-conduction problems with mixed boundary conditions. 16 p2779 A67-31206

FEDOSEEV, K. P.

Semiconductor p-n junction lasers in the InAs sub 1 sub -x Sb sub x system. 01 p0087 A67-10087

FEDOSEEV, L. I.

Measurement of the atmospheric absorption of radio waves in the range from 1.36 to 3.0 mm /Izmerenie atmosfernogo pogloshcheniya radiovoln v diapazone 1,36-3,0 mm/. 05 p0781 A67-16343

Measurement of atmospheric absorption at wavelengths from 1.8 to 0.87 mm /Izmerenie atmosfernogo pogloshcheniya v diapazone voln lambda equals 1,8 - 0,87 mm/. 19 p3185 A67-36014

FEDOSEEV, V. A.

Development of a method for investigating phase transitions in aerosol systems /Razvitiye metoda issledovaniya fazovykh perekhodov v aerodispersnykh sistemakh/. 08 p1428 A67-21421

Some methods for measuring the velocity of aerosol particles /Nekotoryye metody izmereniya skorosti dvizheniya aerozol'nykh chastits/. 08 p1428 A67-21422

FEDOSEEVA, O. P.

Investigation of the radiation resistance of silicon semiconductor detectors when irradiated by protons with an energy of 2.3 Mev /Issledovanie radiatsionnoi stoikosti kremnevyykh poluprovodnikovyykh detektorov pri obluchenii protonami s energiei 2,3 Mev/. 21 p3628 A67-38596

FEDOTOV, S. G.

Physical properties of binary alloys of titanium in the quenched state /Fizicheskie svoystva dvoynykh spлавov titana v zakalennom sostoianii/. 07 p1206 A67-19281

Elastic properties of titanium alloys of the ternary system Ti-Zr-Cr /Uprugie svoystva titanovykh spлавov troynol sistemy Ti-Zr-Cr/. 13 p2143 A67-27710

Elastic constants of Ti-Al-Cr-Fe-Si alloys /Uprugie konstanty spлавov sistemy Ti-Al-Cr-Fe-Si/. 16 p2687 A67-30848

FEDOTOV, S. P.

On deep acceptors in iron-doped gallium arsenide. 16 p2726 A67-30814

FEDOTOV, V. A.

Biological telemetry - Problems of classification /Biologicheskaya telemetriya - Problemy klassifikatsii/. 20 p3374 A67-36871

FEDOTOVA, A. G.

Study of the corrosion properties of yttrium. I. 12 p1954 A67-25358

FEDOTOWSKY, L.

Charge motion on silicon oxide surfaces. 13 p2176 A67-26707

FEDOV, V. M.

Investigation of a linear plasma accelerator in a transverse magnetic field. 12 p1977 A67-26075

FEDULOV, V. I.

Study of the magnetic method of measuring the electrical conductivity of ionized gases /Izuchenie magnitnogo metoda izmereniya elektroprovodnosti ionizirovannykh gazov/. 03 p0478 A67-13604
Magnetic method of measuring the electrical conductivity of ionized gases. 18 p3090 A67-34469

FEDYNSKII, A. V.

Some preliminary results of measurements of water vapour, atomic oxygen concentration and total density in mesosphere with heat recorders. 10 p1656 A67-23207

Direct experimental measurement of the water-vapor and atomic-oxygen concentration in the mesosphere /Opyt priamogo izmereniya koncentratsii vodianogo para i atomarnogo kisloroda v mezosfere/. 16 p2665 A67-31097

FEELEY, D. R.

Effects of altitude on emphysematous blebs and bullae. 03 p0365 A67-14297

FEGLEY, K. A.

Optimal design of digitally compensated systems by quadratic programming. 03 p0393 A67-13902

An augmented gimballess inertial navigation system. 08 p1351 A67-20698

Measuring rotational motion with linear accelerometers. 16 p2675 A67-31266

Damping gimballess inertial navigation systems. 18 p2701 A67-31268

Quadratic programming in the statistical design of sampled-data control systems. 16 p2646 A67-31636

FEHER, S. I.

Optimum thermal design through computer simulation of a space-vehicle structure in earth orbit. [ASME PAPER 66-WA/HT-44] 04 p0724 A67-15430

FEHLHABER, L.

Turbulence and structure of the troposphere derived from propagation measurements. 14 p2264 A67-28397

FEHR, U.

Instrumentation for an array of infrasonic and hydromagnetic-wave sensors. 13 p2122 A67-27701

Measurements of infrasound from artificial and natural sources. 14 p2393 A67-28053

New instrumentation techniques for the measurement of infrasonic and gravity waves. 16 p2677 A67-31430

Theoretical evaluation of an oscillating mass flow in the modified Moore variometer configuration. 23 p4000 A67-41221

FEHRS, D. L.

Contact-potential measurements of the adsorption of Cs, O sub 2 and H sub 2 on /110/ Ta. 24 p4201 A67-41892

FEHSENFELD, F. C.

Laboratory measurements of ionospheric ion-molecule reactions. 10 p1644 A67-23259

Laboratory measurements of negative ion reactions of atmospheric interest. 17 p2851 A67-33195

Reaction of atomic oxygen ions with vibrationally excited nitrogen molecules. 17 p2889 A67-33201

FEIBELMAN, W. A.

Concerning the "D" ring of Saturn. 14 p2393 A67-29029

The reduction of noise and dark current in photomultiplier tubes by magnetic defocusing. [SRCC-43] 19 p3193 A67-35314

FEIGE, N. G.

Fracture behavior of titanium alloys in aqueous environment. 08 p1340 A67-20364

Welding of alpha-beta titanium alloys in one inch plate. 14 p2327 A67-28821

FEIGIN, M. I.

Resonance properties of a dynamic system with impact reactions /Rezonansnye svoystva dinamicheskoi sistemy s udarnymi vzaimodeistviyami/. 02 p0248 A67-11964

Dynamic theory for a model of controlled vibration damping /Dinamicheskaya teoriya odnoi modeli upravlyаемogo vibrogasheniya/. 10 p1721 A67-23683

Resonance behavior of a dynamical system with collisions. 17 p2866 A67-33281

Dynamic theory of a controlled vibration damping model. 21 p3720 A67-38284

- FEIKEMA, H.**
A simple method for analysing and synthesizing systems with asymmetric nonlinearities. 15 p2463 A67-30333
- FEIN, M. E.**
Spatially resolved laser heterodyne measurements of plasma densities in weakly ionized gases. 05 p0856 A67-17272
- FEIN, R. S.**
EP films from borate lubricants. 16 p2683 A67-31756
- FEINAUER, L. R.**
Investigation of solid propellant decomposition characteristics and their relation to observed burning rates. 15 p2544 A67-29989
- FEINBERG, G.**
Possibility of faster-than-light particles. 20 p3486 A67-37091
- FEINBERG, R. M.**
Measurements of vibration-vibration coupling in gas mixtures. 18 p3081 A67-33783
Formation of NO in shock-heated air. 18 p2997 A67-33791
- FEINGOLD, E.**
Strength and structure of very fine sapphire whiskers. 03 p0449 A67-13307
Room and elevated temperature strength of alpha-Al sub 2 O sub 3 whiskers and their structural characteristics. 16 p2694 A67-31522
- FEINLEIB, J.**
Semiconductor-to-metal transition in V sub 2 O sub 3. 13 p2180 A67-27184
Semiconductor-to-metal transitions in transition-metal compounds. 13 p2181 A67-27185
- FEITIS, P. H.**
Trajectory design for impulsive Earth-Mars-Earth trajectories launched in 1969 and 1971. [AAS PAPER 66-126] 07 p1254 A67-19985
Optimization of data return from planetary missions by trajectory design. [AIAA PAPER 67-646] 20 p3530 A67-37626
- FEIX, G.**
Solar RF radiation in the millimeter wave range /Die solare Radiostrahlung im mm-Wellengebiet/. 22 p3882 A67-39591
- FEIX, M. R.**
A one-dimensional model to study collective effects in stellar dynamics. 07 p1256 A67-20017
Numerical experiments with a one-dimensional model for a self-gravitating star system. 11 p1862 A67-24500
Fourier-Hermite solutions of the Vlasov equations in the linearized limit. 15 p2509 A67-29205
Transition between Landau and Van Kampen treatments of the Vlasov equation. 18 p3030 A67-34754
- FEIZIEV, I. A. S.**
Effect of partial substitution of lanthanum for germanium on the thermoelectric properties of GeTe /Vliianie chastichnogo zameschenia germania lantanom na termoelektricheskie svoystva GeTe/. 03 p0500 A67-14231
- FEIZULIN, Z. I.**
Resolving power of antennas in a turbulent medium /Razreshalushchaya sposobnost' antenn v turbulentnoi srede/. 02 p0210 A67-11570
The expansion of a laser beam in a turbulent medium /K voprosu o rasshirenii lazernogo puchka v turbulentnoi srede/. 22 p3761 A67-39739
Resolving power of pencil-beam antennas with strong fluctuations of the field distribution /Razreshalushchaya sposobnost' otrazpravlennykh antenn s sil'nymi fluktuatsiyami raspredeleniya/. 22 p3763 A67-40125
- FEJER, A. A.**
Transition in oscillating boundary layer flows. 19 p3209 A67-35413
- FEJER, J. A.**
Progress in magnetospheric radio. 05 p0795 A67-18011
Critical examination of a theory of auroral electrojets. 07 p1245 A67-19931
Comparison of ionospheric probe techniques. 10 p1656 A67-23285
- FELBERG, B.**
Hemodynamic modifications produced by posture variations - Influence of the anti-G suit and of tourniquets /Modifications hemodynamiques produites par les variations de posture - Influence du costume anti-G et des tourniquets/. 16 p2616 A67-30754
- FELD, I. A. N.**
Reduction of diffraction problems on non-closed surfaces to integral equations of the second kind. 05 p0765 A67-17157
- FELDEN, M.**
Investigation of the ionic parameters of an alkaline plasma by means of a grid probe /Etude, par sonde a grille, des parametres ioniques d'un plasma alcalin/. 15 p2527 A67-29476
Study of the different operating modes of an alkaline-metal-plasma machine by means of electric probes. 18 p3091 A67-34631
- FELDMAN, C.**
Infrared absorption in high-purity boron films. 09 p1533 A67-22132
- FELDMAN, J.**
Command angle torquing of gyros in the Apollo Guidance and Navigation System. 01 p0073 A67-11115
Apollo guidance, navigation and control system gyro reliability. 19 p3259 A67-35984
- FELDMAN, K. T., JR.**
The heat pipe. 08 p1427 A67-21051
- FELDMAN, M. R.**
Stability of nonuniformly rigid plates within and beyond elasticity limits /Ustoychivost' plastin peremennoi zhestkosti v predelakh i za predelami uprugosti/. 12 p2031 A67-25961
- FELDMAN, P.**
Auto-ionizing states in the alkali atoms with microsecond lifetimes. 20 p3492 A67-37691
- FELDMAN, U.**
Newly identified resonance lines of Ni XIX, Cu XX and Zn XXI. 14 p2389 A67-28840
Newly identified lines in the Ne I isoelectronic sequences. 20 p3378 A67-37468
Autoionization resonance lines of highly ionized atoms of the Na I isoelectronic sequence. 22 p3840 A67-39237
Vacuum ultraviolet source. 23 p4000 A67-41214
- FELDMANN, H.**
Effect of deformation and temperature on the mechanical properties of unalloyed titanium /Einfluss der Verformung und Temperatur auf mechanische Eigenschaften von unlegiertem Titan/. 07 p1211 A67-20290
- FELDMANN, W. L.**
Mechanism of the Gunn effect. 06 p1067 A67-18961
- FELDSHTEIN, A. L.**
General-purpose design procedure for multielement antenna and feeder systems. 10 p1611 A67-22981
- FELDSHTEIN, I. A. I.**
Position of the oval zone of polar aurora on the earth's nocturnal side on magnetically quiet days /Polozhenie oval'noi zony polarnykh silanil na nochnoi storone zemli v magnitno-spokoinye dni/. 02 p0236 A67-11663
Auroras in magnetically disturbed and magnetically quiet periods. 07 p1178 A67-19817
Variation of the boundaries of the oval zone of auroras /Izmenenie granits oval'noi zony polarnykh silanil/. 10 p1630 A67-22785
Orientation of extended formations of polar auroras /Orientatsiya protizhennykh form polarnykh silanil/. 10 p1630 A67-22786
Polar auroras during a minimum of the solar activity cycle /Polarnye silanila v period minimuma tsikla solnechnoi aktivnosti/. 10 p1631 A67-22802
Frequency of appearance of strong geomagnetic disturbances at high latitudes in the Northern Hemisphere /Chastota polavleniya intensivnykh geomagnitnykh vozmushchenii v vysokikh shirotakh severnogo polushar'ia/. 10 p1632 A67-22809
Variation of the magnetic field at high latitudes from quiet days in the summer of the IGY /Variatsiya magnitnogo polia v vysokikh shirotakh po spokojnym dnyam leta MGG/. 10 p1632 A67-22810
Magnetic field of the ring current at the surface of the earth, according to IGY observations. 13 p2111 A67-26557
Magnetic activity in low latitudes during the IGY /Magnitnaya aktivnost' v srednikh i nizkikh shirotakh v period MGG/. 14 p2309 A67-27940
Scheme of an elementary auroral disturbance on the earth's daylight side /Skhema elementarnogo vozmushcheniya v polarnykh silanilakh na dnevnoi storone zemli/. 14 p2309 A67-27941
Magnetic activity at high latitudes in the Northern Hemisphere during the IGY /Magnitnaya aktivnost' v vysokikh shirotakh severnogo polushar'ia v period MGG/. 14 p2309 A67-27943
Position of the oval auroral zone on the night side of the earth on magnetically quiet days. 16 p2665 A67-31078
Distribution of auroras and magnetic disturbances at high latitudes in connection with the asymmetric shape of the magnetosphere /Raspredelenie polarnykh silanil i magnitnykh vozmushchenii v vysokikh shirotakh v svyazi s asimmetrichnoi formoi magnitosfery/. 17 p2849 A67-32965
Change in the boundaries of the oval auroral zone. 24 p4149 A67-42121
Orientation of extended auroral forms. 24 p4149 A67-42122
Auroras during a period of minimum solar activity. 24 p4150 A67-42139
Frequency of intense geomagnetic disturbances at high latitudes in the Northern Hemisphere. 24 p4150 A67-42146
Magnetic field variations at high latitudes on quiet days in summer during the IGY. 24 p4150 A67-42147
- FELDSTEIN, Y. I.**
Dynamics of auroral belt and polar geomagnetic disturbances. 17 p2850 A67-33184
The phenomenology and morphology of aurorae. 19 p3224 A67-35495
- FELNBOK, P.**
Vacuum Uv study of the spectrum of Mg III-EXTENDED to Mg IV /Etude dans l'ultraviolet du vide du spectre de Mg III - Compléments de Mg IV/. 14 p2351 A67-28944
- FELHAUSER, H. E.**
Characteristics of the plasma sheet in the earth's magnetotail. 07 p1244 A67-19921
- FELKER, R. L.**
Empirical rules for shock spectrum, pulse, and lead pellet interrelationship and implementation. 12 p1967 A67-25686
- FELLEMAN, P. G.**
Hybrid simulation of the Apollo guidance navigation and control system. [AIAA PAPER 67-233] 07 p1222 A67-20042
- FELLEZ, D. W.**
Design considerations for orbital transport systems. 15 p2567 A67-29835
Lunar transportation - Far-term options. [AIAA PAPER 67-874] 24 p4140 A67-42995
- FELLER-KNIEPMEIER, M.**
Consideration of recrystallization and polygonization of highly pure and impure metals /Ueberlegungen zur Rekristallisation und Polygonisation hochreiner und verunreinigter Metalle/. 05 p0830 A67-17311
- FELLER, D. D.**
Liver regeneration in rats exposed to simulated changes in gravity. 20 p3372 A67-36963
- FELLER, W.**
Infinitely divisible distributions and Bessel functions associated with random walks. 01 p0106 A67-10735
- FELLGETT, P.**
Detecting planetary life from earth. 11 p1747 A67-24063
- FELLS, I.**
An experimental study of gas borne suspensions of thermionic emitters as M.H.D. working fluids. 18 p3086 A67-33707
- FELSCH, K. O.**
New law for the dissipation integral of turbulent boundary layers /Ein neues Gesetz fuer das Dissipationsintegral turbulenter Grenzschichten/. 13 p2094 A67-26637
- FELSEN, L. B.**
Radiation and scattering problems in compressible plasmas. I. 07 p1141 A67-19443
Radiation and scattering problems in compressible plasmas. II. 07 p1141 A67-19444
Radiation and scattering in bounded plasmas. 14 p2359 A67-28463
On transition functions occurring in the theory of diffraction in inhomogeneous media. 14 p2349 A67-29063
Ray optics for radiation problems in anisotropic regions with boundaries. I. 20 p3388 A67-37702
Ray-optical techniques for guided waves. 24 p4124 A67-42807
- FELSENTHAL, P.**
Nanosecond-pulse microwave breakdown in air. 04 p0657 A67-15120
- FELSKE, D.**
Results from multifrequency observations of electron density with S 66 satellite. 15 p2477 A67-29666

- FELTEN, J. E.**
Omnidirectional inverse Compton and synchrotron radiation from cosmic distributions of fast electrons and thermal photons. 05 p0882 A67-16404
X-rays from the Coma cluster of galaxies. 05 p0882 A67-16413
- FELTNER, C. E.**
Cyclic stress-strain response of f.c.c. metals and alloys. I, II. 22 p3821 A67-40033
- FELTYN, I. A.**
Local diffusion of gallium in germanium /O lokal'noi diffuzii gallia v germanii/. 03 p0491 A67-13175
Apparatus for determining the distribution of impurities in semiconductor structures /Pribor dlia vyavlenia raspredelenia primesei v poluprovodnikovyykh strukturakh/. 14 p2317 A67-28281
- FEN, G. A.**
Temperature stresses in multilayer plates in an axisymmetrical temperature field /Temperaturnye naprazheniya mnogosloynnykh plastin pri osesimmetrichnom temperaturnom pole/. 07 p1261 A67-19326
- FENAIN, M.**
Numerical calculation of wings in steady or unsteady supersonic flow. I /Calcul numerique des ailes en regime supersonique stationnaire ou instationnaire. I/. 08 p1278 A67-20800
Numerical calculation of wings in steady or unsteady supersonic flow. II. 10 p1590 A67-22879
- FENDELL, F.**
Natural-convection flow above a point heat source in a rotating environment. 16 p2778 A67-30949
- FENDELL, F. E.**
Thin-flame theory for a fuel droplet in slow viscous flow. 02 p0341 A67-11562
Asymptotic treatment of premixed flame structure with diffusion. 10 p1733 A67-23145
Combustion in initially unmixed reactants for one-step reversible chemical kinetics. 20 p3554 A67-37132
Diffusion-flame shape in the wake of a falling droplet. 23 p4083 A67-41720
- FENDLEY, J. R., JR.**
Construction of long life argon lasers. 11 p1800 A67-24242
- FENEBERG, W.**
The non-equilibrium conductivity in an argon-potassium plasma in crossed electric and magnetic fields. 16 p2709 A67-30514
Transport properties of a fully ionized hydrogen plasma in a magnetic field. 19 p3286 A67-35350
- FENECH, H.**
Thermal contact conductance of nominally flat, rough surfaces in a vacuum environment. [AIAA PAPER 66-42] 03 p0534 A67-13070
- FENG, J.**
A simplified 180 deg focusing beta ray spectrometer. 05 p0806 A67-16500
- FENG, T. Y.**
Terminal guidance for soft and accurate moon landing. [AIAA PAPER 67-594] 19 p3259 A67-35990
- FENIUK, A. B.**
Investigation of the generation of rho super plus and n super' super plus super plus resonances in the pi super plus p goes to pi super plus p pi super 0 reaction at a pi super plus -meson momentum of 2.34 GeV/c /Issledovanie rozhdenia rezonansov rho super plus i n super' super plus super plus v reaktsii pi super plus p goes to pi super plus p pi super 0 pri impul'se pi super plus -mezonov 2,34 GeV/c. 24 p4193 A67-42856
- FENN, J. B.**
Studies of low density supersonic jets. 14 p2301 A67-28183
- FENN, R. W., JR.**
Comparison of lightweight structural materials - Be, and alloys of Be, Mg, Al, and Ti. [SAE PAPER 660652] 01 p0094 A67-10613
- FENNEMA, F. F.**
Computer applications to the test scheduling problem at the Air Force Eastern Test Range. [AAS PAPER 67-46] 15 p2467 A67-30114
- FENNER, G. E.**
Electronic beam scanning of injection lasers. 06 p1011 A67-18150
Delay of the stimulated emission in GaAs laser diodes near room temperature. 19 p3241 A67-36036
- FENSCH, L. K.**
Sine-wave tracking revisited. 17 p2808 A67-33179
- FENTER, P.**
Single-beam-laser rotation-rate sensor. 01 p0091 A67-11322
- FENSTERMACHER, C.**
Cooldown requirements for nuclear rocket missions. [AIAA PAPER 66-551] 05 p0844 A67-17222
- FENTON, A. G.**
A strong X-ray source in the vicinity of the constellation Crux. 17 p2937 A67-32761
- FENTON, K. B.**
A search for alpha particles trapped in the geomagnetic field. 20 p3519 A67-37412
- FENVESH, E.**
Zenithal angular distribution of nuclear-active charged particles of mean energies above 60 GeV /Zenitnoe uglovoe raspredelenie zariazhennykh laderno-aktivnykh chastits so srednimi energiyami vysh 60 GeV/. 24 p4217 A67-42831
- FENWICK, P. M.**
A transistor-diode feedback type logic circuit. 01 p0038 A67-10817
- FENWICK, R. C.**
Measuring large-antenna radiation. 14 p2286 A67-28507
- FENYES, T.**
Operator-solution of partial integro-differential equations /Eine Bemerkung ueber die operatorenmaessige Loesung partieller Integro-Differentialgleichungen/. 07 p1215 A67-19471
- FENYO, S.**
Hankel transforms of generalized functions /Hankel-Transformation verallgemeinerter Funktionen/. 13 p2148 A67-27470
- FEODOSEV, V. I.**
Transfer of concentrated forces to a thin-walled shell /O peredache sosredotochennykh sil na tonkostennuiu obolochku/. 06 p1106 A67-18623
- FEOKTISTOV, I. U. F.**
Observation of thermal fields in semiconductor devices. 06 p0970 A67-18193
- FEOKTISTOV, V. P.**
Statistical simulation of semiconductor rectifier circuits on digital computers /Statisticheskoe modelirovanie poluprovodnikovyykh vypryamitel'nykh skhem na tsifrovyykh vychislitel'nykh mashinakh /TsVM//. 15 p2439 A67-29416
- FEOKTISTOVA, N. N.**
Effect of hydrostatic pressure and temperature on the characteristics of tunnel p-n junctions in GaAs /Vlianie vvestoronnego davlenia i temperatury na kharakteristiki tunnel'nykh p-n-perekhodov v GaAs/. 09 p1554 A67-21977
Influence of uniform pressure and of temperature on the characteristics of p-n tunnel junctions in GaAs. 17 p2923 A67-33314
- FEOKTISTOVA, S. A.**
Observations of minor planets at the Crimean astrophysical observatory /third report/ /Nabliudeniya malykh planet v krymskol' astrofizicheskoi observatorii /soobschenie trete//. 20 p3522 A67-36620
- FERBER, R. R.**
Radiation resistant silicon diode neutron detectors. 24 p4183 A67-42473
- FERDINAND, A. P.**
Application of nanosecond light pulses to ballistic range measurements. 06 p0981 A67-18881
- FERENDECI, A. M.**
Ionization by high power microwaves. 19 p3276 A67-35115
- FERGUS, J. L., JR.**
Recent liquid rocket space ignition-reliability testing experience. [AIAA PAPER 67-428] 18 p3112 A67-33912
- FERGUSON, C. W.**
The mechanical and optical characterization of a Solthane 113 composition. 11 p1811 A67-24615
- FERGUSON, E. E.**
Laboratory measurements of ionospheric ion-molecule reactions. 10 p1644 A67-23259
Laboratory measurements of negative ion reactions of atmospheric interest. 17 p2851 A67-33195
Reaction of atomic oxygen ions with vibrationally excited nitrogen molecules. 17 p2869 A67-33201
Ionospheric ion-molecule reaction rates. 23 p3993 A67-40565
- FERGUSON, F. H.**
An evolutionary concept for a mass transportation system. [AIAA PAPER 67-381] 15 p2420 A67-30351
- FERGUSON, J. D.**
A rapid numerical method for determining heat absorbed by semi-infinite solids with known surface temperatures. [ASME PAPER 66-WA/HT-58] 04 p0725 A67-15437
- FERGUSON, N.**
Surface and wake flow phenomena of the vortex-excited oscillation of a circular cylinder. [ASME PAPER 67-VIBR-31] 11 p1777 A67-24189
- FERGUSON, R. B.**
Hypersonic attenuation in superconducting mercury at 9 GHz. 20 p3514 A67-37568
- FERGUSON, T. B.**
Characteristics of wake pressure type velocity head magnifying probes. 15 p2471 A67-29529
- FERMOR, J. H.**
On the semiconducting properties of PtAs sub 2. 03 p0488 A67-12926
- FERNANDEZ SINTES, J.**
Flexural instability of foldable tubes with elastic recovery /Inestabilidad a flexion de tubos plegables de recuperacion elastica/. 01 p0165 A67-11387
Bending instability of foldable tubes with elastic recovery /Inestabilidad a flexion de tubos plegables de recuperacion elastica/. 09 p1579 A67-22806
- FERNANDO, P. C. B.**
The frequency spectrum of Pc 3 and Pc 4 micropulsations observed at Colombo, a station near the geomagnetic equator. 03 p0410 A67-12954
Interplanetary magnetic field data and corresponding geomagnetic effects for the storm of October 7, 1962. 17 p2844 A67-32540
- FERNAU, F. G.**
I.L.S. transmitter monitors for automatic blind landing. 07 p1222 A67-19654
- FERNHOLZ, H.**
Investigation of the theoretical limits for optimum subsonic diffusers /Eine grenzschrifttheoretische Untersuchung optimaler Unterschalldiffusoren/. 01 p0006 A67-10648
- FERNHOLZ, H.-H.**
Aerodynamic hysteresis, spoiler, and Reynolds number effect in conjunction with flow deflection and separation on severely curved walls /Coanda effect/ /Aerodynamische Hysterese, Steuerschneiden-und Reynoldszahl-Einfluss bei der Stromungsumlenkung und Abloesung an stark gekruemmten Waenden /Coanda-Effekt//. 14 p2305 A67-28978
- FERRAND, C.**
Smoothing by means of functions analogous to spline functions /Lissage par utilisation de fonctions analogues aux fonctions spline/. [ONERA-TP-463] 18 p3072 A67-34460
- FERRARESE, G.**
The symbolic relationship of the mechanics of shells /Sulla relazione simbolica della meccanica delle volte/. 24 p4249 A67-42152
The linearized elastic potential of a thin shell /Sul potenziale elastico linearizzato di una volta sottile/. 24 p4249 A67-42156
- FERRARI, A.**
Shock waves at high temperatures. I. 14 p2355 A67-27953
Intense magnetic fields and shock wave propagation. 14 p2356 A67-27957
- FERRARI, C.**
On the transonic controversy. 06 p0942 A67-18586
Transonic controversy /Sulla controversia transonica/. 13 p2050 A67-26808
- FERRARO, V. C. A.**
Corotation and solar wind in the solar corona and interplanetary medium. 08 p1399 A67-21239
- FERREIRA, P. L.**
Accidental degeneracy of the Coulomb interaction. 18 p3083 A67-34072
- FERRELL, J.**
Simulated space testing of propulsion units and systems. 20 p3415 A67-36544
- FERRELL, R. A.**
Predicted critical behavior near the superconducting phase transition. 24 p4200 A67-41867
- FERRELL, W. R.**
Delayed force feedback. 09 p1456 A67-22374

- FERRER, L.**
Gravitational stresses determined using immersion techniques. [ASME PAPER 67-APM-11] 17 p2964 A67-33146
- FERRI, A.**
Review of scramjet propulsion technology. [AIAA PAPER 66-826] 04 p0688 A67-14624
- FERRIDAY, R. J.**
Observations of planetary nebulae at three microwave frequencies. 16 p2752 A67-31624
- FERRIER, M.**
One-dimensional study of supersonic flows in MHD nozzles /Etude monodimensionnelle sur les écoulements supersoniques dans les tuyères MHD/. 18 p3088 A67-34123
- FERRIERA, S. K.**
Computer graphics - A powerful new tool for the structural dynamicist. 10 p1608 A67-23739
- FERRIS-PRABHU, A. V. M.**
Note on field and charge dependence of radiation damage in silicon. 16 p2726 A67-30815
- FERRIS, D. J.**
A flight strain gage for a liquid hydrogen tank skin. 23 p4008 A67-41390
- FERRISO, C. C.**
Total emissivity of hot water vapor. I - High pressure limit. 01 p0167 A67-10973
Temperature dependence of the total intensity of difference-band systems - The 10- μ band system of CO sub 2. 11 p1821 A67-23960
Prediction of total emissivity of nitrogen-broadened and self-broadened hot water vapor. 13 p2155 A67-26493
- FERRISS, D. H.**
Calculation of boundary-layer development using the turbulent-energy equation. 15 p2472 A67-29657
- FERRO, A. P.**
Transient plane wave magnetic field attenuation through an infinite plate using a simplified Laplace transfer function. 16 p2626 A67-31349
- FERRON, J. R.**
Heat transfer to the endwall of a shocktube - A variational analysis. 24 p4257 A67-43092
- FERRY, D. K.**
Input power induced thermal effects related to transition time between avalanche and second breakdown in p-n silicon junctions. 02 p0222 A67-12650
- FERRY, G. V.**
Sampling with a luster sounding rocket during a Leonid meteor shower. 04 p0699 A67-14966
Contaminants vs micrometeorites from the 1965 Leonid Meteor Shower. 23 p3986 A67-40850
- FERTEL, J. H.**
Temperature dependence of the Raman spectrum of SrTiO sub 3 and KTaO sub 3. 23 p4013 A67-40965
- FERTIN, J. L.**
Recent progress in the preparation of very pure gallium arsenide. 10 p1693 A67-23517
Gallium arsenide lasers - Powerful light sources. 10 p1666 A67-23521
- FERTMAN, B. S.**
A problem of optimum control. 03 p0392 A67-13626
- FERZIGER, J. H.**
Transport properties of a nonequilibrium partially ionized gas. 11 p1775 A67-23866
Flow of a rarefied gas through a cylindrical tube. 21 p3609 A67-37738
Model dependence of the slip coefficient. 22 p3841 A67-39718
- FESENKO, B. I.**
Determination of the change of galactic rotation in the Z-direction from the line profiles of neutral hydrogen. 17 p2950 A67-33163
- FESENKO, E. G.**
Classification of dopants for barium titanate. 03 p0497 A67-13703
- FESENKO, V. V.**
Determination of the enthalpy of self-binding silicon carbide at temperatures from 1300 to 2000 deg K /Opredelenie ental'pii samosvazannogo karbida kremniia v intervale temperatur 1300-2000 deg K/. 03 p0446 A67-13609
A study of the evaporation and thermodynamic properties of chromium carbides. 03 p0456 A67-14193
Determination of the enthalpy of self-bound silicon carbide in the 1300-2000 deg K temperature range. 18 p3066 A67-34474
Study of the rate of vaporization, the vapor tension, the composition discontinuity, and certain thermodynamic properties of refractory compounds at temperatures up to 3000 deg C /Etude de la vitesse de vaporisation, de la tension de vapeur, de la discontinuité de composition et de certaines propriétés thermodynamiques des composés réfractaires a des températures allant jusqu'à 3000 deg C/. 20 p3463 A67-36116
Enthalpy and heat capacity of niobium carbide in the homogeneity domain in the temperature range from 1300 to 2500 deg K /Ental'pia i teploemkost' karbida niobila v oblasti gomogenosti v intervale temperatur 1300-2500 deg K/. 24 p4171 A67-41958
- FESENKOV, V. G.**
A study of the Tunguska meteorite fall. 01 p0151 A67-11274
Interplanetary dust matter and methods for its investigation. 04 p0701 A67-15559
Higher-order scattering at the zenith of the twilight sky /O rasselanií vysshikh poriadkov v zenite sumerechnogo neba/. 18 p3040 A67-33631
A satellite technique for sounding the optical properties of the atmosphere. 18 p3040 A67-33853
- FESHCHENKO, S. F.**
Theory of systems with distributed parameters and delay /K teorii sistem s raspredelennymi parametrami i s zapazdyvaniem/. 19 p3251 A67-36048
- FESSENDEN, TH. J.**
Excitation of electron-plasma waves by the interaction of an ion beam with a plasma. 11 p1840 A67-24562
- FESSLER, H.**
Optimization of stress concentrations at holes in rotating discs. 23 p4077 A67-41154
- FESTAG, J. G.**
Tritium diffusion measurements of proton-irradiated samples of the iron meteorite Sikhote-Alin /Tritium-Diffusionsmessungen an ein protonenbestrahlten Proben des Eisenmeteoriten Sikhote-Alin/. 17 p2942 A67-32357
- FETINA, V. N.**
Anomalies in the low frequent noise fluctuations observed in narrow germanium p-n junctions. 11 p1765 A67-24476
- FETISOV, A. F.**
Correlator for the study of oscillations in a stationary gas discharge /Korrelator dlia issledovaniia kolebanií v statiionarnom gazovom razriade/. 07 p1227 A67-19120
Correlator for investigating fluctuations in a stationary gaseous discharge. 21 p3664 A67-38165
- FETISOV, E. P.**
Excitation of electromagnetic waves in the plasma of a solid body in the case of a negative volt-ampere characteristic /Vozbuzhdenie elektromagnitnykh voln v plazme tverdogo tela pri nalichii otritsatel'noi vol'tampernoí kharakteristiki/. 15 p2537 A67-29702
Excitation of electromagnetic waves in a solid-state plasma in the presence of a negative current-voltage characteristic. 24 p4199 A67-41772
- FETISOV, I. N.**
New assembly for the study of powerful interactions of 100 to 1000 Bev at a Tyan-Shan high-altitude station - Preliminary results /Novaia ustanovka dlia issledovaniia sil'nykh vzaimodelstvií pri energiiakh 100-1000 Bev na Tian-Shan'skoi vyzokogornoi stantsii - Pervye rezul'taty/. 02 p0248 A67-12746
Nuclear cascade process in an ionization calorimeter /Iadernokaskadnyi protsess v ionizatsionnom kalorimetre/. 02 p0248 A67-12747
Nuclear cascade processes in an ionization calorimeter. 22 p3801 A67-40249
Mean characteristics of the process of multiple particle production at energies from 100 to 1000 Gev /Srednie kharakteristiki protsessa mnozhestvennogo rozhdeniia chastits pri energiiakh 100-1000 Gev/. 24 p4217 A67-42830
Measurement of the energy fraction transferred to pi super 0 mesons at energies of hundreds of Gev /Izmerenie doli energii, peredavaemoi pi super 0 -mezonam pri energiiakh v sotni Gev/. 24 p4218 A67-42833
- FETT, F.**
Dynamic behavior of jet engines with air extraction behind the compressor /Das dynamische Verhalten von Strahltriebwerken bei Luftentnahme hinter dem Kompressor/. 03 p0503 A67-13009
- FETTER, A. L.**
The mixed state of thin superconducting films in perpendicular fields. 19 p3303 A67-35041
- FEUCHT, D. L.**
Electrical transport in nGe-pGaAs heterojunctions. 02 p0299 A67-12189
NGe-pGaAs heterojunctions. 03 p0494 A67-13478
Electromagnetic wave propagation in birefringent multilayers. 06 p1033 A67-18544
Formulas for using wave plates in ellipsometry. 13 p2158 A67-26879
Theory of an ellipsometric technique for investigating weakly absorbing substances. 16 p2703 A67-31877
- FEUERSTEIN, S.**
Ultrahigh-vacuum effects on the mechanical behavior of molybdenum. 06 p1016 A67-17897
Effects of hydrogen treatment on the ductility of molybdenum under 760 and 10 super minus super 10 torr. 15 p2503 A67-29562
- FEUGIER, A.**
Identity of the ions created by electron impact in flames. 16 p2780 A67-31520
- FEUSTAL, E. A.**
The asymptotic relative efficiency of mixed statistical tests. 20 p3412 A67-37495
- FEWELL, R.**
Simulated space effects on microelectronic device materials. 15 p2466 A67-29549
- FEWELL, R. O.**
Effects of heat sterilization in microelectronic assemblies. 12 p1914 A67-25683
Sterilization effects on microelectronics. 21 p3596 A67-38344
- FEY, L.**
A dual frequency VLF timing system. 09 p1494 A67-21619
- FFOWCS WILLIAMS, J. E.**
Radiation from a dipole distribution in inhomogeneous convective motion. 01 p0115 A67-11305
- FIALA, V.**
On diffusion in anisotropic plasma /Ionosphere/. 07 p1230 A67-19717
Diffusive spreading of inhomogeneities in a plasma in the presence of drift. 12 p1933 A67-25546
- FIALKO, E. I.**
Distribution of meteoritic bodies according to energies - An experiment at lambda equals 9.59 m /O raspredelenii meteornykh tel po energiiam - Eksperiment na lambda equals 9,59m/. 04 p0701 A67-15228
Statistical characteristics of meteor radio echoes in the epoch of the Geminids stream in 1963 /Statisticheskie kharakteristiki meteornykh radioekho v epokhu potoka Geminid 1963 g./. 05 p0889 A67-16205
Some results of the use of trains of the intermediate type for measuring the electron density in a meteor train /Nekotorye rezul'taty ispol'zovaniia sledov promezhutochnogo tipa dlia izmereniia elektronnoi plotnosti v meteornom slede/. 05 p0889 A67-16206
Experimental study of the distribution of meteoric bodies according to energies /Eksperimental'noe issledovanie raspredeleniia meteornykh tel po energiiam/. 13 p2197 A67-26507
Radar observations of meteors at the wavelength lambda equals 10 m /Radiolokatsionnye nabludeniia meteorov na volne lambda equals 10 m/. 16 p2749 A67-31251
- FICHERA, G.**
Improvement of understated approximations of eigenvalues /Sul miglioramento delle approssimazioni per difetto degli autovalori/. 24 p4177 A67-42154
The improvement of understated approximations of eigenvalues. II /Sul miglioramento delle approssimazioni per difetto degli autovalori. II/. 24 p4179 A67-43079
- FICHTEL, C. E.**
Digitized spark chamber for space science experiments. 12 p1944 A67-25854
Solar modulation of cosmic rays and its relationship to proton and helium fluxes, interstellar travel, and interstellar secondary production. 15 p2550 A67-29614

- FICK, E.
Quantumstatistical thermodynamics with several temperatures for indivisible observation level /Quantenstatistische Thermodynamik mit mehreren Temperaturen bei nichtzerlegbarer Beobachtungsebene/. 10 p1733 A67-23477
- FICKLIN, B. P.
Standard time-and-frequency accuracies obtainable with a stationary satellite. 15 p2565 A67-29593
- FIDELUS, K.
Theoretical and experimental investigation of the participation of muscles in the static and dynamic activity of the upper limbs /Teoretyczne i doswiadczone badania wspoludzialow ukladu miesni konczyn gornej w warunkach statycznych i dynamicznych/. 07 p1133 A67-19346
- FIDONE, I.
Non-linear processes in beam-plasma systems. 12 p1970 A67-25250
- FIDRUS, V. I.
Axisymmetric vortex flow in the neighborhood of a point where a sonic line is orthogonal to the velocity vector /Osesimmetrichnoe vikhrevoe techenie v okrestnosti tochki ortogonal'nosti zvukovoi lini vektoru skorosti/. 10 p1624 A67-23034
- FIEBIG, M. K.
Corresponding compressible and incompressible jets and wakes. 03 p0350 A67-12988
- FIEDLER, K.
Leading-edge and friction losses in turbine blade cascades /Hinterkanten-und Reibungsverlust in Turbinenschaufelgittern/. 03 p0353 A67-14306
- FIELD, E. C.
Geomagnetic fluctuations due to impulse sources with fluctuations to high-altitude nuclear bursts. 07 p1181 A67-19940
- FIELD, R. S.
Economic aspects of operational satellite systems. 19 p3350 A67-35649
- FIELDER, D. E.
Future support requirements for the manned space program. [AAS PAPER 67-56] 15 p2562 A67-30120
Safety in flight operations. [AIAA PAPER 67-824] 24 p4243 A67-42971
- FIELDER, G.
Martian and lunar craters. 06 p1089 A67-18648
Volcanic rings on the moon. 07 p1249 A67-19659
Further tests for randomness of lunar craters. 15 p2554 A67-29458
Isolating lunar materials. 21 p3701 A67-37897
- FIELDING, P. G.
Technical innovation in transportation through systems analysis. [AIAA PAPER 67-799] 24 p4258 A67-42960
- FIELDS, M. E.
Research and development for better manufacturing. 09 p1505 A67-22143
- FIELDS, N. D.
Comparative levels of microbial contamination in clean rooms used for the assembly and test of lunar spacecraft. 23 p3961 A67-40851
- FIELSTETTE, H.
Weather satellites and their automatic photo transmission /Wettersatelliten und ihre automatische Bilduebermittlung/. 04 p0651 A67-15454
- FIEMANS, L.
The influence of carbon on precipitation of copper in silicon single crystals. 21 p3686 A67-39136
- FIETZ, W. A.
Magnetic properties of some type-II alloy superconductors near the upper critical field. 22 p3857 A67-39440
- FIEVET, M.
Study of the influence of initial conditions on the transient states of linear systems - Practical applications to optimized systems /Wiener-Newton /Contribution a l'etude de l'influence des conditions initiales sur les regimes transitoires des systemes lineaires - Applications pratiques aux systemes optimises /Wiener-Newton/. 19 p3205 A67-35909
- FIGGE, I. E.
Fatigue crack propagation in structures with simulated rivet forces. 24 p4247 A67-41944
- FIGUROVSKII, V. I.
Strength analysis of a conical shell of low aspect-wing type clamped on a section of the wing contour /Raschet na prochnost' konicheskoi obolochki tipa kryla malogo udlineniia, zadannoi na chasti kontura/. 21 p3724 A67-38779
- FIKHMAN, R. F.
Effect of a strong magnetic field on the electrical conductivity of an intrinsic anisotropic semiconductor /Vliianie sil'nogo elektricheskogo polia na elektroprovodnost' sobstvennogo anizotropnogo poluprovodnika/. 13 p2173 A67-26362
Influence of a strong electric field on the electrical conductivity of an intrinsic anisotropic semiconductor. 21 p3680 A67-38319
- FIKHTENGOLTS, I. G.
Gravitational equations and coordinate conditions in conformal space. 08 p1354 A67-20843
- FIL, V. D.
Measurement of the anisotropy of the energy gap in superconducting indium by ultrasonic techniques /Izmerenie anizotropii energeticheskoi shcheli v sverkhprovodiaschem indii ul'trazvukovym metodom/. 14 p2375 A67-29070
- FILATOV, D. I.
Self-excited quartz oscillator with low fluctuation level. 03 p0378 A67-13289
- FILATOV, G. I.
Initiation of an explosive reaction in condensed explosives by a gas detonation. 06 p1112 A67-17954
- FILATOV, K. V.
A solid-state maser operating with a microrefrigerator at a temperature of 40 deg K. 11 p1800 A67-24467
- FILATOV, M. IA.
Effect of the form of the stress cycle on the build-up of fatigue failure /Vliianie formy tsikla napriazheniia na nakoplenie ustalostnogo povrezhdeniia/. 05 p0923 A67-17181
- FILATOV, V. M.
Load programming in thermal fatigue tests. 13 p2218 A67-26797
- FILATOV, V. V.
Electrical parameters of a slotted waveguide bridge section /Ob elektricheskikh parametrah volnovodnogo shchelevoogo mosta/. 04 p0582 A67-15147
Electric parameters of a waveguide slot bridge. 15 p2443 A67-29334
- FILATOVA, R. M.
Experimental investigation of annular waveguide resonator cavities /Eksperimental'noe issledovanie kol'tsevykh volnovodnykh rezonatorov/. 13 p2077 A67-26749
- FILBERT, H. C.
Ground reconstruction of Lunar Orbiter photography. 12 p1940 A67-25466
- FILBERT, R. D.
Recent experience with manned tests in the NASA space environment simulation laboratory. 13 p2090 A67-26841
- FILBY, J. D.
Investigation of epitaxial silicon layers grown in the presence of small quantities of gold. 23 p4036 A67-40656
Single-crystal films of silicon on insulators. 24 p4202 A67-42089
- FILCESCU, V.
Hemodynamic modifications produced by posture variations - Influence of the anti-G suit and of tourniquets /Modifications hemodynamiques produites par les variations de posture - Influence du costume anti-G et des tourniquets/. 16 p2616 A67-30754
- FILCHAKOV, P. F.
Effective method of solving boundary-value problems for nonlinear ordinary differential equations /Pro odin efektnii metod roz'lazaniia kraiovykh zadach dlia nelinilnikh zvlchalnikh differentsial'nykh ravnani/. 11 p1814 A67-25050
- FILCHENKOV, M. L.
Slow-particle emission in extensive air showers /Izluchenie v shirokikh atmosferynykh livnakh, obuslovennoe medlennymi chastitsami/. 02 p0318 A67-12782
Radiation due to slow particles in extensive air showers. 22 p3878 A67-40284
- FILHO, F. V.
Introduction to Matrix Structural Theory in its Application to Civil and Aircraft Construction. 16 p2767 A67-31253
- FILICE, A. L.
Lunar surface strength estimate from Orbiter II photograph. 16 p2767 A67-31253
- [JPL-TR-32-1156] 16 p2746 A67-30931
- FILIMONOV, E. V.
Testing of a stereocomparator /Issledovanie stekometra/. 03 p0419 A67-13263
- FILIMONOV, G. F.
Maximum values of the electronic efficiency of a traveling wave tube and their dependences on the dimensionless and dimension parameters of the tube. 11 p1764 A67-24465
Effect of backward waves on the excitation of a delay line by a modulated electron beam. 22 p3767 A67-39422
- FILIMONOV, S. A.
The UVFD-1 flaw detector for the inspection of nonmetallic laminated structures and products. 09 p1502 A67-22096
- FILIMONOV, V. IA.
Method for the experimental determination of the nonstationary component of drag coefficient with the aid of analog computers /Ob odnom sposobe eksperimental'nogo opredeleniia nestatsionarnoi sostavlialushchei koeffitsienta lobovogo soprotivleniia s pomoshch'iu modeliruiushchikh ustroistv/. 18 p3023 A67-33425
- FILIN, V. A.
Convective heat transfer in curvilinear short channels /Konvektivnyi teploobmen v korotkikh krivolineynykh kanalakh/. 12 p2033 A67-25316
- FILIPCHENKO, A. S.
Magneto-optical study of the InSb conduction band. 01 p0128 A67-10095
On the mixed mechanism of electron scattering in InSb crystals. 07 p1237 A67-20182
- FILIPCZYNSKI, L.
The absolute method for intensity measurements of liquid-borne ultrasonic pulses with the electrodynamic transducer. 18 p3043 A67-33463
Possibilities of the calibration of ultrasonic probes on the basis of displacement, particle velocity or intensity measurements. 18 p3046 A67-33744
- FILIPESCU, N.
Solvent and temperature effects on fluorescence emission of europium beta-diketonates. 01 p0131 A67-10297
High intensity triboluminescence in europium tetrakis /dibenzoylmethide-/ triethylammonium. 01 p0019 A67-10897
Laser action from terbium trifluoroacetylacetonate in p-dioxane and acetonitrile at room temperature. 11 p1803 A67-24833
Energy transfer in mixed lanthanide complexes. 23 p3971 A67-40747
- FILIPKOWSKI, A.
New transistor follower circuit /Nowy uklad wtornika tranzystorowego/. 02 p0223 A67-12795
- FILIPKOWSKI, J.
Two-dimensional problem in the theory of thermal stresses /Dwuwymiarowe zagadnienie teoriil naprezen cieplnych/. 10 p1716 A67-22942
- FILIPOWSKY, R. F.
The utility chart, a convenient design tool for the evaluation of modulation methods. 20 p3380 A67-36543
Refinement of the experiment integration process. 22 p3922 A67-39962
- FILIPPAZZI, F.
Current trends of electronic memories - From discrete devices to mass-integrated memories /Indirizzi attuali delle memorie elettroniche - Dal dispositivi discreti alle memorie integrate di massa/. 20 p3390 A67-36250
- FILIPPENKO, L. G.
Extension of the Gauss theorem to arbitrary orthogonal coordinates /Rasprostranenie teoremy Gaussa na proizvol'nye ortogonal'nye koordinaty/. 14 p2349 A67-28738
- FILIPPI, F.
Electrostatic propulsion by positive and negative ions /Propulsion electrostatique par ions positifs et negatifs/. 04 p0690 A67-15023
- FILIPPI, S.
Analysis of the Runge-Kutta-Fehlberg method /Untersuchungen zum Verfahren von Runge-Kutta-Fehlberg/. 04 p0645 A67-14986
Runge-Kutta-Fehlberg method for the numerical solution of many-body problems /Das Verfahren von Runge-Kutta-Fehlberg zur numerischen Loesung von

- Mehrkoerperproblemen/. 15 p2561 A67-30052
FILIPPOV, A. F.
 Classical solutions of differential equations with a multiple-valued right side /Klassicheskie resheniya differentsial'nykh uravnenii s mnogoznachnoi pravoi chast'yu/. 18 p3070 A67-33554
FILIPPOV, A. P.
 Oscillations of plates in a gas flow /O kolebaniyakh plastin v potoke gaza/. 05 p0923 A67-17188
 Resonance transition of a rod with nonlinear supports /Perekhod cherez rezonans sterzhnia s nelineinymi oporam/. 06 p1109 A67-18666
 Dynamic effects of moving loads on beams /Dinamicheskoe vozdeystvie podvizhnykh nagruzok na sterzhni/. 18 p3140 A67-33661
 Unsteady oscillations of mechanical systems /Nestatsionarnye kolebaniya mekhanicheskikh sistem/. 18 p3078 A67-33678
FILIPPOV, G. M.
 Scattering of electromagnetic waves from plasma waves /K rasselaniiu elektromagnitnykh voln na plazmennyykh volnakh/. 18 p3088 A67-34090
FILIPPOV, I.
 Investigation of a two-beam capacitive converter /Issledovanie dvukhluchevogo emkostnogo preobrazovatelya/. 22 p3795 A67-39229
FILIPPOV, I. G.
 Application of Volterra's method to the solution of certain problems of the unsteady motion of a perfect compressible fluid. 04 p0604 A67-14778
 Unsteady problem for a viscoelastic plate of finite thickness /Ob odnoi nestatsionarnoi zadache dlia viazko-uprugoi plastiny konechnoi tolshchiny/. 20 p3539 A67-36920
 Dynamic problem for a thin elastic plate /Ob odnoi dinamicheskoi zadache dlia tonkoi uprugoi plastinki/. 21 p3720 A67-38300
FILIPPOV, I. N.
 Certain questions relating to the synthesis of capacitive converters /Nekotorye voprosy sinteza emkostnykh preobrazovatelei/. 06 p1003 A67-18175
FILIPPOV, L. A.
 Superhigh-frequency radio receivers /Radiopriemniki SVCh/. 17 p2822 A67-32020
FILIPPOV, L. I.
 Analysis of optimal reception of signals transmitted through a channel with random parameters /Analiz optimal'nogo priema signalov, proshedshikh kanal so sluchainymi parametrami/. 11 p1751 A67-23914
 Analysis of optimum reception of signals which have passed through a channel with random parameters. 21 p3585 A67-38942
FILIPPOV, L. P.
 Thermal properties of molybdenum at high temperatures. 09 p1517 A67-21866
FILIPPOV, N. V.
 Mechanical effects at the electrode in the case of plasma accumulation at the axis /Mekhanicheskie efekty na elektrode pri kumulyatsii plazmy na osi/. 16 p2714 A67-31037
 A Toepler apparatus with a pulsed ruby laser for observing a plasma cloud /Teplerovskaya ustanovka s impul'snym rubinovym lazerom dlia issledovaniya plazmennoi obolochki/. 16 p2721 A67-31396
FILIPPOV, S. S.
 Rapidly recombining plasma jets /Uskorenno rekombinirovushchaya plazmennaya strula/. 03 p0486 A67-14195
 Nonisothermal flow of a plasma in a plane MHD channel /Neizotermicheskoe techenie plazmy v ploskom MGD-kanale/. 06 p1045 A67-18811
 Rapid recombination of plasma jets. 14 p2360 A67-28540
FILIPPOV, V. A.
 Twenty-seven-day cosmic-ray variations /27-Dnevnye variatsii kosmicheskikh luchei/. 23 p4056 A67-41108
FILIPPOV, V. S.
 Directivity factor of convex pencil-beam antennas /Koeffitsient napravlennoy del'stviya vypuklykh ostronapravlennykh antenn/. 13 p2080 A67-27025
FILIPPOVA, T. I.
 Mechanical effects at the electrode in the case of plasma accumulation at the axis /Mekhanicheskie efekty na elektrode pri kumulyatsii plazmy na osi/. 16 p2714 A67-31037
 A Toepler apparatus with a pulsed ruby laser for observing a plasma cloud /Teplerovskaya ustanovka s impul'snym rubinovym lazerom dlia issledovaniya plazmennoi obolochki/. 16 p2721 A67-31396
FILIPPOVICH, B. S.
 Phenomena of liquid transfer in two-phase dispersed annular flow. 04 p0602 A67-14641
FILIPSKI, I. U. K.
 Automatic gain control in transistorized oscillators /Avtomaticheskaya regulirovka usileniya v tranzistornykh generatorakh/. 02 p0218 A67-11981
FILKINS, L. D.
 The potential use of satellites in hyperbolic position finding. 09 p1526 A67-22393
FILLIUS, R. W.
 Adiabatic betatron acceleration by a geomagnetic storm. 20 p3434 A67-37425
FILLO, J. A.
 Heat transfer from a flat plate in magnetohydrodynamics. 05 p0857 A67-17418
FILONENKO, N. N.
 Wave transformation in a medium with random inhomogeneities /Transformatsiya voln v srede so sluchainymi neodnorodnostyami/. 11 p1842 A67-24953
FILONENKO, V. A.
 Direction finding errors of the method of instantaneous amplitude comparison in elliptically polarized antenna arrays /Ob oshibkakh nelengovaniiya metodom amplitudnogo mgovennogo sravneniya signalov v sistemakh s antennami ellipticheskoi polarizatsii/. 09 p1473 A67-21960
 Direction-finding errors in systems with elliptically polarized antennas using the method of instantaneous signal-amplitude comparison. 20 p3400 A67-37190
FILISOFOV, V. K.
 Some dynamic characteristics of the space flight performance of the operator on board the Voskhod-2. 07 p1135 A67-19106
FILSAKOVA, B. F.
 Position of the pilot's hands and feet on the cockpit controls during training on a simulator /Polozhenie konechnostei na shтурвале samoleta vo vremya poteri soznaniya pri imitatsii poleta na trenazhere/. 20 p3374 A67-36264
FILSHTINSKII, L. A.
 Elastic equilibrium of an isotropic plane with a doubly periodic system of inclusions /Uprugoe ravновесие izotropnoi ploskosti s dvokluperiodicheskoi sistemoi vkluchenii/. 02 p0340 A67-12659
 Doubly periodic problem in the theory of a circular closed cylindrical shell /Dvolakoperiodicheskaya zadacha v teorii krugovoi zamknutoi tsilindricheskoi obolochki/. 20 p3542 A67-37664
 Perforated plates and shells and problems associated with them - Survey of results /Perforirovannyye plastiny i obolochki i svyazannyye s nimi problemy - Obzor rezul'tatov/. 23 p4077 A67-40749
FILZ, R. C.
 Tracks of cosmic rays in plastics. 06 p1078 A67-17641
 Comparison of the low-altitude inner-zone 55-Mev trapped proton fluxes measured in 1965 and 1961-1962. 08 p1378 A67-21472
FINCH, H. L.
 Thermal analysis of the Apollo - A computer technique which accounts for the influence of self-shadowing. 02 p0334 A67-12390
FINCH, J. R.
 Silicon power transistors. 01 p0038 A67-10761
FINCHER, C. L.
 Thermal effects in semiconductor reflectivity enhancement. 13 p2177 A67-27016
FINDL, E.
 CO sub 2 removal by pulsed gas chromatography. 23 p3964 A67-41555
FINDLATER, J.
 Cross-equatorial jet streams at low level over Kenya. 06 p1025 A67-18024
FINDLAY, F. D.
 The spectral transmission at infra-red wavelengths of Michelson interferometers with dielectric film beam-dividers. 06 p1005 A67-18716
FINDLAY, J. A.
 The ionosphere at 640 kilometers on quiet and disturbed days. 15 p2475 A67-29610
FINDLAY, J. W.
 Large parabolic radio astronomy antennas. 14 p2284 A67-28430
FINDLEY, W. N.
 The influence of the intermediate principal stress on fatigue under triaxial stresses. 15 p2573 A67-28402
FINE, A. D.
 Second-order effects in the propagation of elastic waves. 01 p0113 A67-10405
 On the solution to the plane problem in the static theory of elasticity for multiply-connected regions with given surface tractions. 01 p0160 A67-10516
 On elastic-plastic wave propagation. 11 p1879 A67-24941
 Continuity conditions at wave fronts in coupled thermoplasticity. 17 p2964 A67-33134
 A stress-strain approximation in plasticity. 21 p3728 A67-38880
FINE, B. S.
 Hazards of laser radiation - Mechanisms, control and management. 10 p1601 A67-23328
FINE, H.
 Technique to evaluate surface contamination due to rocket exhaust impingement. 17 p2833 A67-32076
FINE, M. E.
 A study of precipitation in stainless and maraging steels using the Moessbauer effect. 02 p0256 A67-12705
 Strengthening of sapphire by precipitates containing titanium. 12 p1987 A67-26190
FINE, S.
 Hazards of laser radiation - Mechanisms, control and management. 10 p1601 A67-23328
FINEBERG, D. J.
 How Western Electric insures quality finishes. 23 p4010 A67-41351
FINGER, F. G.
 Southern Hemisphere stratospheric circulation as indicated by shipboard meteorological rocket observations. 19 p3253 A67-35920
FINGER, H. B.
 United States progress on nuclear propulsion for rockets. 02 p0266 A67-12336
FINGER, R.
 Diurnal rhythm and function diagnostics of peripheral cycle regulation /Tagesrhythmus und Funktionsdiagnostik der peripheren Kreislaufregulation/. 11 p1747 A67-25035
FINK, A. J.
 A user controlled test data computing system. 02 p0207 A67-12001
FINK, D. J.
 Communications - Components - Guidance. 13 p0272 A67-27504
FINK, H. J.
 Low-frequency permeabilities of a superconductor due to surface currents. 22 p3856 A67-39439
FINK, L. M.
 Probability distributions on a bounded segment ensuring maximum capacity with limited signal power or a limited mean value of the signal /O raspredeleniiakh verolatnosti na ogranichenom otrezke, obespechivalushchikh maksimal'nuiu soderzhatel'nost' pri ogranichennoi moshchnosti ili srednem znachenii signala/. 06 p0976 A67-18219
 Noise immunity of a diversity-reception method. 10 p1607 A67-23447
 Probability distributions maximizing the differential entropy for a signal defined over a finite segment and having bounded power or bounded mean value. 16 p2643 A67-30485
FINK, M. R.
 Drag coefficients of hypersonic optimum bodies at nonoptimum Mach numbers. 12 p1892 A67-25744
 Effect of interval size on calculated minimum drag coefficients and optimum body shapes. 15 p2416 A67-29407
FINK, R. W.
 Neutron reaction cross sections of selenium and iron at 14.4 mev. 11 p1822 A67-23979
 Gamma decay of Se super 73m, g and Se super 81m, g isomeric pairs. 11 p1822 A67-23980
FINK, U.
 A balloon-borne diffusing system for infrared radiation from 1 mu to 5 mu. 19 p3232 A67-35697
FINKEL, V. A.
 Crystalline structure of dysprosium at 77 to 300 deg K /Kristallicheskaya struktura disprozija pri 77-300 deg K/. 01 p0133 A67-10744
 Crystal structure of terbium at 120-300

- deg K. 09 p1555 A67-22086
Crystal structure of dysprosium at 77-300 deg K. 13 p2176 A67-28773
Oxidation of beryllium. 13 p2136 A67-27107
Investigation into plastic behaviour of zone refined and prestrained Be single crystals. 13 p2137 A67-27111
Effect of programmed ageing on the ductility of beryllium single crystals. 19 p3245 A67-35470
- FINKELBERG, V. M.**
Interplanetary flickering of radio sources and its use in astrophysics. 02 p0322 A67-11684
- FINKELSHTEIN, L. D.**
Some regularities of the structure and occupation of the external energy bands in metals and alloys of the beginning of the first transition period /O nekotorykh zakonomernostyakh stroenila i zapolnenila vneshnikh energeticheskikh polos v metallakh i splavakh nachala 1-GO perekhodnogo perioda/. 04 p0840 A67-15975
K-spectra and energy band structure of metallic vanadium. 08 p1342 A67-20808
- FINKELSTEIN, A. R.**
Experimental evaluation of irregularly spaced nozzle vanes effect upon blade vibration in a radial-low gas turbine. [ASME PAPER 67-VIBR-42] 11 p1797 A67-24195
- FINKELSTEIN, I.**
Representative astronomical experiments associated with manned earth orbital programs. 06 p1392 A67-21071
- FINKELSTEIN, S.**
Hypoxia - A clinical-physiological approach. 23 p3953 A67-41591
- FINKELSTEIN, T.**
Thermophysics of regenerative energy conversion. [AIAA PAPER 67-216] 06 p0951 A67-18329
Thermodynamic analysis of Stirling engines. 21 p3689 A67-37791
- FINKENRATH, H.**
Thermal production of acceptors in indium antimonide /Zur thermischen Erzeugung von Akzeptoren in Indiumantimonid/. 04 p0683 A67-15651
Optical self-absorption and dielectric constant of cadmium oxide in the case of high electron degeneration /Optische Eigenabsorption und Dielektrizitätskonstante von Kadmiunoxyd bei hoher Elektronenentartung/. 04 p0683 A67-15655
Effect of sintering temperature on the density and mobility of conduction electrons in cadmium oxide /Der Einfluss der Sintertemperatur auf die Dichte und Beweglichkeit der Leitungselektronen in Kadmiun-Oxyd/. 10 p1691 A67-23503
- FINKIN, E. F.**
The consequences of spline friction in multiple disk brake and clutch packs. [ASME PAPER 67-LUB-26] 24 p4164 A67-42684
- FINLAYSON, B. A.**
Upper and lower bounds for solutions to the transport equation. [DVL-479] 04 p0602 A67-14509
On the search for variational principles. 17 p2969 A67-32449
- FINLAYSON, F. C.**
Wave interaction of a viscoelastic medium with an elastic cylindrical shell. 08 p1415 A67-20486
- FINLAYSON, L. T.**
Combination flash photolysis-flash pyrolysis system. 02 p0247 A67-12689
- FINLAYSON, V. A.**
Measurement of beta, n, and T sub 1 in high- and low-pressure operation. 21 p3682 A67-37755
- FINLEY, P. J.**
The flow of a jet from a body opposing a supersonic free stream. 02 p0178 A67-11565
- FINN, G. D.**
Frequency redistribution on scattering. 11 p1823 A67-24490
- FINN, H. M.**
Adaptive detection in clutter. 02 p0203 A67-12139
- FINN, J. M.**
Beryllium structures for aircraft. [SAE PAPER 660666] 01 p0094 A67-10574
- FINN, R.**
On the linearized hydrodynamical equations in two dimensions. 16 p2657 A67-30827
On the stationary solutions of the Navier-Stokes equations in two dimensions. 16 p2657 A67-30828
- FINNEMORE, D. K.**
Meissner effect for superconductors with magnetic impurities. 14 p2373 A67-28859
- FINNIE, L. N.**
Application of thermochromic materials in display devices. 05 p0860 A67-18307
- FINOGENOVA, L. I.**
Improvement of the radiation resistivity of potatoes in conditions of anoxia /Povyshenie radioezistentnosti kartofella v usloviakh anoksii/. 13 p2058 A67-28755
- FINOZHENOK, G. N.**
Boundary value problems of higher-order equations in infinite regions /O kraevykh zadachakh dlia uravnenii vysshnikh poriadkov v beskonechnykh oblastiakh/. 03 p0459 A67-13643
- FINZI, B.**
Physical fields in space-time. 06 p1033 A67-18582
- FINZI, U.**
On the physical mechanism of the radiofrequency plasma. 01 p0124 A67-10811
- FIOTTO, G.**
On the production of ionization by micrometeorites. 17 p2943 A67-32542
Stratospheric aerosol layer during 1964 and 1965. 18 p3042 A67-34493
- FIORICA, V.**
Stress responses of pilots to severe weather flying. 17 p2805 A67-31955
Physiological responses to cold in men during an extended period of sleep loss. 23 p3955 A67-41615
- FIORITO, R. B.**
Investigation of laboratory plasma instabilities in a dipole magnetic field. 11 p1828 A67-23940
- FIORY, A. T.**
Thermomagnetic effects in superconducting niobium. 19 p3304 A67-35535
Influence of oscillating fields on the Hall effect and resistance of superconducting niobium. 24 p4201 A67-41870
- FISQUET, J.**
Multiple and rapid pressure measurements in wind tunnels /Mesures multiples etrapides des pressions en souffleries/. 23 p3997 A67-40572
- FIREBAUGH, M. S.**
Traveling-wave bulk electroconvection induced across a temperature gradient. 18 p3029 A67-34736
- FIREMAN, E. L.**
Neutron exposure ages of meteorites. 06 p1082 A67-17871
Radioactivities in meteorites and cosmic-ray variations. 24 p4210 A67-42822
- FIRESTER, A. H.**
Light modulation at the ground-state hyperfine-separation frequency of potassium. 02 p0251 A67-11818
- FIRLA, A. P.**
Processes of operator adaptation in control tasks associated with a change in the plant's dynamics /Procesy adaptacji operatora towarzyszace zmianie dynamiki obiektu w zadanach sterowania/. 21 p3576 A67-37948
- FIRSOFF, V. A.**
A preliminary selenological analysis of the Ranger 9 photographs. 10 p1705 A67-22898
A selenological appraisal of the Orbiter-2 photographs. 14 p2387 A67-28506
Some comments on the close-up views of the lunar ground. 17 p2948 A67-33094
- FIRSOV, I. U. A.**
Spin-phonon interaction of electrons and oscillations of longitudinal magnetoresistance in semiconductors /O spin-fononnom vzaimodelstvii elektronov i ostsilitsiakh prodol'nogo magnetosoprotivleniya v poluprovodnikakh/. 18 p3099 A67-33697
- FIRSTOV, S. A.**
Investigation strains and onset of cracks in thin chromium foils /Izuchenie deformatsii i obrazovaniya treshchin v tonkikh fol'gakh khroma/. 04 p0640 A67-15977
Structural changes in chromium during deformation /Strukturnye izmeneniya v khrome pri deformatsii/. 13 p2141 A67-27284
- FISANOV, V. V.**
Wave diffraction on a surface-impedance discontinuity in closed waveguides /K voprosu o difraktsii voln na skachke poverkhnostnogo impedansa v zakrytykh volnovodakh/. 06 p0968 A67-17856
- FISCHBACH, D. B.**
On the mechanisms of high-temperature plastic deformation in pyrolytic carbons. [JPL-TR-32-1137] 24 p4177 A67-42711
- FISCHELL, R. E.**
A gravity-gradient satellite experiment at synchronous altitude. 21 p3714 A67-39149
Solar cell power systems for APL satellites. 23 p3938 A67-41507
- FISCHER-SCHLEMM, W.**
Oscillations of electric arcs with superimposed gas flow. [DVL-629] 19 p3280 A67-35147
- FISCHER, A.**
Pressure and climate installations in modern commercial aircraft. I /Druck- und Klimaanlagen in modernen Verkehrsflugzeugen. I/. 24 p4109 A67-42709
- FISCHER, C.**
Studies in the development of light passenger helicopters /Untersuchungen zur Weiterentwicklung leichter Relschubschrauber/. 03 p0359 A67-12965
- FISCHER, C. L.**
Red blood cell mass and plasma volume changes in manned space flight. 20 p3372 A67-37429
- FISCHER, D.**
Evaluation of a military air transport system /Bewertung von militaerischen Lufttransportsystemen/. 04 p0551 A67-14586
Basic singular solution of the differential equation for the bending of plates with variable stiffness /Ueber die singulaeren Grundloesungen der Differentialgleichung fuer die Plattenbiegung mit veraenderlicher Steifigkeit/. 20 p3541 A67-37284
- FISCHER, D. W.**
Effect of alloying on the aluminum K and iron L X-ray emission spectra in the aluminum-iron binary system. 06 p1343 A67-21304
- FISCHER, E.**
Transport property determination from arc plasmas. 19 p3280 A67-35144
- FISCHER, F. E.**
Check antennas before building them. 05 p0775 A67-16969
Find the pattern of off-beat antennas. 12 p1915 A67-25974
- FISCHER, F. W.**
Experimental determination of the current distribution in a simulated MHD generator. 16 p2599 A67-30529
- FISCHER, J.**
Photoconductivity in germanium irradiated at low temperature /Photoconductivite dans le germanium irradie a basse temperature/. 17 p2919 A67-32860
- FISCHER, J. F., JR.**
Structural considerations in the design of a liquid hydrogen tank for hypersonic vehicles. [SAE PAPER 660679] 01 p0161 A67-10583
- FISCHER, J. N.**
Comparative projections of helicopters, compound helicopters and tilting-propeller low-disc-loading VTOL aircraft for civil applications. 24 p4097 A67-43029
- FISCHER, K. H.**
Bad weather landing of VTOL aircraft /Die Schlechtwetterlandung von VTOL-Flugzeugen/. 20 p3361 A67-36455
- FISCHER, K. H.**
Measurement technology for testing VTOL aircraft /Die Messtechnik bei der Erprobung von VTOL-Flugzeugen/. 03 p0418 A67-12963
- FISCHER, L.**
Optimization of orthotropic laminates. [ASME PAPER 66-WA/RP-5] 20 p3542 A67-37611
- FISCHER, P.**
A generalization of the controllability and observability concept from the point of view of systems identification. 15 p2461 A67-30316
- FISCHER, R.**
Arrangement for phase-delayed triggering of oscillographs /Eine Anordnung zur phasenverzoeagerten Triggerung von Oszillografen/. 22 p3799 A67-39754
- FISCHER, W.**
Trajectories of central force motion /Die Bahnen der

- Zentralbewegung/. 02 p0327 A67-12375
Contribution to the theory of central
movement /Ein Beitrag zur Theorie der
Zentralbewegung/. 20 p3526 A67-37254
- FISCHER, W. A.
Ultraviolet investigations for lunar
missions. 08 p1331 A67-21079
Orbital surveys of the
earth. 19 p3221 A67-35324
Satellite detection of natural
resources. 19 p3225 A67-35655
- FISCHLER, S.
Sulfur donors in silicon - Infrared
transitions and effects of calibrated uniaxial
stress. 06 p1061 A67-18924
- FISH, C. V.
Ionization processes in exploding wires as
determined by X-ray
studies. 19 p3261 A67-35161
Changes in conductor shape during "wire
explosions." 23 p4028 A67-41461
- FISH, F. F., JR.
Angular momenta of the
planets. 23 p4066 A67-41009
- FISH, J. G.
Accuracy of launch vehicle cost
analysis. 15 p2568 A67-29847
- FISH, R. E.
Effects of high-frequency current in
welding aluminum alloy
6061. 03 p0430 A67-13693
- FISHBAIN, B. D.
Solution methods for the influence of
atmospheric air humidity on the
characteristics of a fan-jet engine /Metodika
rascheta villanila vlazhnosti atmosfernogo
vozdukh na kharakteristiki
turboventilatornogo
dvigatelya/. 20 p3515 A67-36448
- FISHBURNE, E. S.
Transfer of electronic energy between a
metastable argon atom and a nitrogen
molecule. 20 p3487 A67-36228
- FISHCHUK, D. I.
Spherical-harmonic analysis of a constant
geomagnetic field by the Schuster method
/Sfericheskiy garmonicheskiy analiz
postolannogo geomagnitnogo polia metodom
Shustera/. 21 p3623 A67-39045
- FISHER, C. H.
Density and temperature in wind tunnels
using electron beams. 11 p1790 A67-24446
- FISHER, C. L.
Fabrication of wide bore hollow cathode
Hg super plus lasers. 23 p4016 A67-41226
- FISHER, D. E.
On the origin of fissiogenic xenon in
meteorites. 08 p1386 A67-20938
Potassium - Argon
dating of iron
meteorites. 08 p1400 A67-21265
Cosmogenic tritium problem in iron
meteorites. 09 p1569 A67-22688
The abundance and distribution of
chlorine in iron
meteorites. 24 p4232 A67-42610
- FISHER, D. L.
Energy loss from a theta
pinch. 22 p3849 A67-39696
- FISHER, E. E.
Trajectory of a rebounding detonation
wave. 10 p1626 A67-23152
- FISHER, E. I.
Optical constants of evaporated barium in
the vacuum ultraviolet. 03 p0499 A67-13909
- FISHER, F.
Measurement of satellite subsystem leak
rates in a thermal-vacuum
environment. 12 p1921 A67-25690
- FISHER, G. E.
Design features of large antennas in space.
[AIAA PAPER 66-848] 02 p0221 A67-12258
- FISHER, G. M. C.
A correspondence principle for free
vibrations of a viscoelastic
solid. 05 p0909 A67-16145
- FISHER, H. D.
Effect of additives on the ignition delay
time of hypergolic
propellants. 19 p3310 A67-35012
- FISHER, I. Z.
Viscosity coefficients of substances close
to the critical state /Pro koefitsienty
v'lazhnosti rezhovini poblizu kritichnogo
stanu/. 09 p1487 A67-21904
A theorem of energy and pressure
fluctuation and dissipation /Fluktuatsionno-
dissipativna teorema dlia energii ta
tisku/. 11 p1821 A67-24974
- FISHER, J. R.
Optimal nonlinear
filtering. 21 p3603 A67-38442
- FISHER, M. J.
Remote sensing of local flow instabilities
and turbulence. 03 p0422 A67-13773
Turbulence as a producer of noise in
proportional fluid
amplifiers. 04 p0557 A67-15919
Local turbulence measurements in a
supersonic jet. 16 p2591 A67-30943
The crossed-beam
correlation
technique. 17 p2855 A67-32282
- FISHER, P. A.
New high strength magnesium casting
alloys for aerospace
applications. [SAE PAPER 660656] 01 p0094 A67-10615
- FISHER, P. C.
Some applications of gas counters in space
research. 02 p0244 A67-12209
X-ray spectra of several cosmic
sources. 11 p1856 A67-24505
- FISHER, R. E.
Future trends in earth orbital
transportation.
[AAS PAPER 67-84] 15 p2546 A67-29950
- FISHER, R. L.
Space packaged automatic checkout
equipment. 05 p0789 A67-17461
- FISHER, S.
Solar diurnal variation of the intensity of
the cosmic-ray neutron component in the
Antarctic during 1963 and 1964 /Solnechno-
sutochnaya variatsiya intensivnosti neitronnoi
komponenty kosmicheskikh luchei v
Antarktide v 1963-1964
gg./. 05 p0881 A67-16119
The influence of the variation of the
earth's heliolatitude on cosmic-ray intensity
during 1963 and 1964 and evaluation of the
cosmic-ray-intensity gradient perpendicular
to the plane of the ecliptic /Vliyanie
izmeneniya gellioshtroty zemli na intensivnost'
kosmicheskikh luchei v 1963-1964 gg. i
otsenka perpendikulyarnogo k ploskosti
ekliptiki gradiyenta intensivnosti
kosmicheskikh luchei/. 17 p2932 A67-32086
Distribution of the power of the source of
the solar diurnal cosmic-ray variation in
relation to the ecliptic plane as a function
of solar activity /Raspredelenie moshnosti
istochnika solnechnosutochnoi variatsii
kosmicheskikh luchei otноситel'no ploskosti
ekliptiki v zavisimosti ot solnechnoi
aktivnosti/. 23 p4058 A67-41125
Yearly modulation of the amplitude of the
diurnal cosmic-ray variation due to
geometric factors /Godovaya modulyatsiya
amplitudy sutochnoi variatsii kosmicheskikh
luchei vsledstvie geometricheskikh
faktorov/. 23 p4058 A67-41126
Solar-diurnal variation of the neutron
component of cosmic rays in the Antarctic
during 1963-1964. 24 p4214 A67-42795
- FISHGOIT, V. V.
Motion of a rarefied plasma in mutually
perpendicular electric and magnetic fields
/Dvizhenie razrezhennoi plazmy vo vzaimno
perpendikulyarnykh elektricheskoy i
magnitnom pol'kakh/. 22 p3853 A67-40024
- FISHKOVA, L. M.
Some results of hydroxyl-emission
observations in the upper atmosphere at
Abastumani /Nekotorye rezul'taty
nabludenii gidroksil'nogo izlucheniya
verkhnei atmosfery v
Abastumani/. 17 p2849 A67-32957
H sub alpha emission variations and the
distribution of hydrogen in the upper
atmosphere and geocorona /O variatsiyakh
emissii H sub alpha i raspredeleniya
vodoroda v verkhnei atmosfere i
geokorone/. 17 p2849 A67-32961
- FISHMAN, I. M.
Recording a single pulse of a Q-switched
laser by means of a storage tube
/Registratsiya monolimpul'sa lazera,
rabotayushchego v rezhime s modulyatsiei
dobrotnosti, pri pomoshchi zapominayushchei
trubki/. 22 p3817 A67-40415
- FISHMAN, N.
Surface exotherm during ignition of
ammonium perchlorate
propellants. 17 p2927 A67-33027
- FISHUK, A. P.
Frequency conversion by means of doubly
modulated light /Preobrazovanie chastoty pri
ispol'zovanii dvoynoi modulyatsii
sveta/. 04 p0575 A67-15170
Frequency conversion through the use of
double light modulation. 15 p2443 A67-29356
- FISK, D. L.
Sample quadratic variation of sample
continuous second order
martingales. 21 p3654 A67-38966
- FISK, J. W.
Confidence limits for the pointing error of
gimbale sensors. 04 p0620 A67-14872
- FISKIN, J. M.
Plasma-produced time delay of reflected
pulses. 17 p2810 A67-32070
- FISSE, H.
Transport properties of a fully ionized
hydrogen plasma in a magnetic
field. 19 p3286 A67-35350
- FISTUL, V. I.
Effective mass of electrons in gallium
arsenide /Effektivnaya massa elektronov v
arsenide galliya/. 03 p0490 A67-13161
Instability effects during carrier injection
in gold doped, n-type
germanium. 03 p0499 A67-13955
Instability of an electron-hole plasma of a
semiconductor, caused by nonlinearity of the
current-voltage characteristic
/Neustoiichivost' elektronnoyurochnoi plazmy
poluprovodnika, obuslovlennaya nelineynost'yu
vol'tampernykh
kharakteristik/. 05 p0867 A67-17058
Instability of electron-hole plasma in
semiconductor, caused by non-linearity of
voltage-current
characteristics. 06 p1070 A67-18988
Effective mass of electrons in gallium
arsenide. 10 p1690 A67-23108
Instability of the electron-hole plasma in a
semiconductor due to the nonlinearity of the
current-voltage
characteristics. 15 p2538 A67-29789
- FISZDON, J.
Ceramics materials for MHD
generators. 20 p3472 A67-36114
- FITCH, E. C.
Contamination tolerance levels in
hydraulic systems. 20 p3365 A67-37363
- FITCH, E. C., JR.
Fluid power and control
systems. 01 p0012 A67-10305
- FITE, W. L.
Charge transfer of N sub 2 super plus and
O sub 2 super plus with sodium
atoms. 16 p2705 A67-31758
- FITTERER, G. R.
Entropy, lattice parameters and high-
temperature phenomena of
metals. 11 p1805 A67-24360
- FITTING, R. C.
Wideband troposcatter radio channel
simulator. 20 p3385 A67-37354
- FITTS, J. J.
NPSP selection for a nuclear rocket.
[AIAA PAPER 67-476] 18 p3075 A67-33946
- FITTS, R. E.
Two counterexamples to Alzerman's
conjecture. 01 p0047 A67-11215
- FITZGERALD, B. P.
Development of the automatic laser
tracker.
[SMPTE PAPER 101-90] 12 p1905 A67-25474
- FITZGERALD, D. J.
Radiation-induced increase in surface
recombination velocity of thermally oxidized
silicon structures. 03 p0496 A67-13677
Effects of ionizing radiation on oxidized
silicon surfaces and planar
devices. 19 p3305 A67-35621
- FITZGERALD, E. L.
Introduction to computer
graphics. 01 p0029 A67-10669
- FITZGERALD, F. A.
The lunar module simulation program.
[AIAA PAPER 67-232] 07 p1164 A67-20056
- FITZGERALD, J. E.
Analysis and design of solid propellant
grains. 08 p1373 A67-20874
- FITZGERALD, R. J.
Filtering horizon-sensor measurements for
orbital navigation. 11 p1817 A67-24336
Orbital navigation with compensation for
periodic errors. 15 p2513 A67-29595
Error divergence in optimal filtering
problems. 21 p3587 A67-39148
Filtering horizon-sensor measurements for
orbital navigation. 22 p3834 A67-40196
- FITZGERRELL, R. G.
Gain measurements of vertically polarized
antennas over imperfect
ground. 11 p1761 A67-24278
- FITZPATRICK, P. M.
Theoretical determination of gravity
effects on the rotational motion of a
uniaxial rigid close earth satellite.
[AIAA PAPER 67-125] 06 p1084 A67-18288
- FITZSIMMONS, R. D.
Design and economic suitability of present

- and future conventional aircraft in Boston-to-Washington service. 03 p0361 A67-14022
- [AIAA PAPER 66-945] 03 p0361 A67-14022
- Conventional aircraft possibilities for Boston-Washington service. 17 p2797 A67-32583
- [AIAA PAPER 66-945] 17 p2797 A67-32583
- FITZSIMMONS, W. A.**
- Very long nuclear spin relaxation times in gaseous He super 3 by suppression of He super 3 -surface interactions. 24 p4191 A67-42247
- FIX, G.**
- Asymptotic eigenvalues of Sturm-Liouville systems. 24 p4178 A67-42692
- FIXLER, S. Z.**
- Effects of solar environment and aerodynamic drag on structural booms in space. [AIAA PAPER 66-502] 08 p1413 A67-21512
- FJELDBO, G.**
- Radio occultation measurements of planetary atmospheres and planetary surface topography. [AIAA PAPER 67-119] 06 p1087 A67-18454
- Bistatic-radar detection of lunar scattering centers with Lunar Orbiter I. 17 p2817 A67-33364
- FLACHENECKER, G.**
- Waveguide irises with a more general longitudinal section /Hohlleiterblenden allgemeinere Laengsschnitts/. 10 p1607 A67-23571
- FLAGELLA, P. N.**
- High-temperature stress-rupture characteristics of Mo and some Mo alloys. 06 p1019 A67-18854
- FLAGG, R. F.**
- Ionization gauge circuit for detection of multiple shock and reflected detonation waves. 21 p3630 A67-38770
- FLAKE, R. H.**
- A reference orbit useful in integrating between activity spheres. 08 p1383 A67-20590
- FLAM, R. P.**
- A spatially coherent optical waveguide detector. 24 p4133 A67-42817
- FLAMANT, Y.**
- Realization and application of some high-speed circuits with semiconductor detectors /Realisation et application de quelques circuits rapides associes a des detecteurs a semiconducteur/. 01 p0066 A67-10654
- FLAMM, E. J.**
- Natural tritium. 04 p0613 A67-14855
- FLANAGAN, D. L.**
- Surface molding - New tool for the engineer. 11 p1756 A67-24251
- FLANAGAN, W. F.**
- The relationship between dislocation density and flow stress in materials deforming by a Peleris-Nabarro mechanism. 06 p1053 A67-18755
- The effect of plastic deformation on the resistivity and Hall effect of copper-palladium and gold-palladium alloys. 13 p2133 A67-27005
- An approximate density of states curve and its relation to the measured electrical resistivity of gold-palladium alloys. 13 p2133 A67-27006
- The recovery kinetics of deformed copper-palladium and gold-palladium alloys. 13 p2133 A67-27007
- An analysis of the Cottrell-Stokes law. 20 p3464 A67-36220
- FLANDRO, G. A.**
- Fast reconnaissance missions to the outer solar system utilizing energy derived from the gravitational field of Jupiter. 05 p0893 A67-16520
- Mission analysis for interplanetary vehicles with solar electric propulsion. [AIAA PAPER 67-708] 21 p3706 A67-38735
- FLANNERY, J. B.**
- Free-radical addition of trifluoroacetonitrile to ethylene. 09 p1459 A67-22364
- Free radical addition of perfluoroacetonitrile to vinyl fluoride. 09 p1459 A67-22365
- FLANNERY, J. B., JR.**
- Orientation of free radicals in monoolefin addition reactions. 09 p1459 A67-22366
- FLANNERY, W. E.**
- Electron transfer processes through tantalum-tantalum-oxide diodes. 04 p0582 A67-15106
- FLECK, J. A. JR.**
- Intensity fluctuations and statistics of laser radiation. 04 p0635 A67-15776
- FLECK, J. N.**
- Control of composite microstructure through the use of coated filaments. [AIAA PAPER 67-175] 06 p1019 A67-18441
- FLECKEN, F. A.**
- Hypersonic wind tunnel for small gas densities in the aerodynamic testing facilities at Goettingen /Eln hypersonischer Windkanal fuer kleine Gasdichten in der aerodynamischen Versuchsanstalt Goettingen/. 05 p0786 A67-16591
- FLEISCHER, R. L.**
- Tracks of cosmic rays in plastics. 06 p1076 A67-17641
- Origins of fossil charged-particle tracks in meteorites. 07 p1245 A67-19941
- Tracks of heavy primary cosmic rays in meteorites. 07 p1245 A67-19942
- FLEISCHMANN, H. H.**
- Differential charge-transfer cross section for collisions of H super plus on O sub 2. 07 p1225 A67-19495
- FLEISCHMANN, R. M.**
- Evidence for chemical bond formation at silane coupling agent interfaces. 20 p3474 A67-37269
- FLEISHER, S. M.**
- Reception of a random Gaussian signal with unknown mean value. 24 p4120 A67-42224
- FLEISHMAN, B. A.**
- Forced oscillation of a second order relay system with damping. 03 p0393 A67-13901
- FLEISHMAN, B. S.**
- Parallel decoding and optimization of data processing of space experiments. 12 p1909 A67-25781
- FLEISHMAN, N. P.**
- Bending of an arbitrarily loaded thin slab with a supported circular edge /Izgb prozvol'no zagruzhennoi tonkol plity s podkreplennoi krugovoi granitsel/. 01 p0158 A67-10223
- Stress concentration near an elliptical hole in a steep spherical shell /Kontsentratsia napriazhenii vozle ellipticheskogo otverstia v nepologoi sfericheskoi obolochke/. 05 p0916 A67-16223
- FLEISIG, R.**
- Manual lunar orbit rendezvous analysis. 21 p3714 A67-39145
- FLEITMAN, A. H.**
- Evaluation of Li, Na, K, Rb, and Cs boiling and condensing in Nb-1 percent Zr capsules. 07 p1223 A67-19464
- FLEMING, A. W.**
- Control synthesis for spinning aerospace vehicles. 07 p1257 A67-19359
- FLEMING, D. C.**
- Cost improvement as a result of reliability efforts on Minuteman II integrated circuits. 09 p1480 A67-22305
- FLEMING, H. E.**
- A discussion of empirical orthogonal functions and their application to vertical temperature profiles. 22 p3828 A67-39325
- FLEMING, J.**
- Vibration characteristics of turbine blading under rotation - Results of an initial investigation and details of a high-speed test installation. 12 p2015 A67-25418
- FLEMING, R. J.**
- The influence of asymmetrical angular scattering on the mean number of electron-helium-gas-atom elastic collisions. 06 p1034 A67-17648
- FLEMING, W. H.**
- Duality and a priori estimates in Markovian optimization problems. 05 p0784 A67-16778
- FLEMING, W. J., JR.**
- Aerodynamic heating from turbulent boundary layers to swept surfaces. 04 p0549 A67-15825
- FLEMINGS, M. C.**
- Controlled solidification. 03 p0442 A67-13305
- FLENKER, L. A.**
- AMTRAN - A remote-terminal, conversational-mode computer system. 02 p0206 A67-11811
- FLENS, F. J.**
- Welding of thick sections of hastelloy X for the Phoebus-2 nozzle. 12 p1950 A67-25736
- FLEROVA, S. A.**
- Effect of mechanical pressure on polarization processes in BaTiO sub 3 single crystals and BaTiO sub 3 -ZnO solid solutions /Vlianie mekhanicheskogo davlenia na protsessy polarizatsii v monokristallakh BaTiO sub 3 i tverdykh rastvorakh BaTiO sub 3 -ZnO/. 03 p0489 A67-13145
- FLESCHER, H. L.**
- Transient response of MOS transistors and integrated circuits to ionizing radiation. 04 p0589 A67-15719
- FLESHER, A. R.**
- Experimental investigation at M equals 20 of the longitudinal aerodynamic characteristics, pressure and heat transfer distribution on a 50 deg semivertex angle sphere-cone. 20 p3356 A67-36582
- FLETCHER, A.**
- Precession and nutation. 06 p1031 A67-17778
- FLETCHER, C. W.**
- Welding of thick sections of hastelloy X for the Phoebus-2 nozzle. 12 p1950 A67-25736
- FLETCHER, E. A.**
- Gas evolution from solid propellants during pressure decays. 04 p0687 A67-14835
- Early supersonic combustion studies at NACA and NASA. 18 p3154 A67-33829
- Perfluorocyclobutane-fluorine combustion studies. [CI PAPER 67-23] 19 p3345 A67-35013
- FLETCHER, J.**
- The stall game. 03 p0362 A67-14300
- Transport and ionization properties of molecular gases in a transverse magnetic field. 03 p0474 A67-14358
- The control of human heart rate under sinusoidal gravitational field stimulation. 23 p3951 A67-41561
- FLETCHER, J. G.**
- Computer programs for calculating general-relativistic curvature tensors. [JPL-TR-32-1122] 14 p2276 A67-28847
- FLETCHER, K. L.**
- The new look in avionics equipment. [SAE PAPER 670251] 11 p1758 A67-23984
- FLETSCHER, E. L.**
- Microstructure associated with the peak effect /maximum in critical current density/ in superconducting niobium. 14 p2375 A67-28999
- FLEURY, P. A.**
- Optical nonlinearities due to mobile carriers in semiconductors. 02 p0254 A67-12524
- Inelastic light scattering from Landau-level electrons in semiconductors. 06 p1009 A67-17723
- FLEXMAN, R. E.**
- A new approach to meeting the airline pilot training requirement. [AIAA PAPER 67-387] 15 p2432 A67-30355
- FLIAGIN, V. A.**
- Use of induced cyclotron emission of electrons in the generation and amplification of high-power electromagnetic oscillations /Primenenie induktsionnogo tsiklotronnogo izlucheniia elektronov dlia generirovaniia i usileniia elektromagnitnykh kolebanii bol'shoi moshchnosti/. 05 p0824 A67-16915
- Application of induced cyclotron radiation of electrons for the generation and amplification of high-powered electromagnetic waves. 16 p2685 A67-30892
- FLICKER, H.**
- Theoretical calculation of the direct production of divacancies in silicon. 06 p1053 A67-18711
- Concerning the possibility of observing lifetime-gradient and Dember photovoltages in semiconductors. 11 p1850 A67-24917
- The effects of sub-threshold electron irradiation on surface recombination in Ge and Si. 17 p2916 A67-32834
- Concerning the possibility of observing lifetime-gradient and Dember photovoltages in semiconductors. 23 p4045 A67-41483
- FLIEGEL, H. F.**
- Analysis of variations in the rotation of the earth. 17 p2843 A67-32444
- FLIETNER, H.**
- Modes of oscillation of the semiconductor oscillator. 15 p2450 A67-29814
- FLIGEL, D. S.**
- The propagation of atmospheric waves in the earth-ionosphere waveguide. 06 p0994 A67-17970
- Computations of low-frequency electromagnetic wave propagation in the earth-ionosphere waveguide. 07 p1144 A67-19695
- FLIGSTEN, K. E.**
- A diffusely transmitting, integrating sphere for measuring laser output with a phototransistor. 01 p0089 A67-10445

- FLINCHBAUGH, D. E.**
Control of laser action. 09 p1513 A67-22146
- FLING, G. K.**
XC-142A control system. 17 p2794 A67-31996
- FLINN, I.**
Low frequency noise in MOS field effect transistors. 19 p3198 A67-36044
- FLOHN, H.**
Comments on the problem of long-range forecasting /Bemerkungen zum Problem der Langfristprognose/. 06 p1027 A67-18605
- FLOM, D. G.**
Survey of aerospace requirements for bearings and lubricants. 02 p0250 A67-12454
- FLOOD, D. T.**
Superorbital re-entry environments. 22 p3919 A67-40383
- FLOOD, J. M.**
The derivation of maximum permissible exposures to laser radiation. 23 p3962 A67-41052
- FLOOD, W. A.**
The angular spread of spread-F echoes. [AGARDGRAPH 95] 15 p2480 A67-30278
Radio star fadeouts and radio propagation. 15 p2563 A67-30287
A brief review of auroral backscatter theory. 18 p3038 A67-33618
- FLOOD, W. F.**
New radiative recombination processes involving neutral donors and acceptors in silicon and germanium. 22 p3862 A67-39998
- FLORENCE, D. E.**
Effects of uncertainties in thermophysical properties on ablation efficiency. [AIAA PAPER 65-639] 03 p0534 A67-13059
- FLORENT, P.**
The importance of Reynolds number and the geometrical configuration of the source of blowing for the study of turbulent subsonic jets of gas /Sur l'importance du nombre de Reynolds et de la configuration geometrique de l'origine du soufflage pour l'etude des jets gazeux subsoniques turbulents/. 05 p0790 A67-16033
Comments on the utilization of hypotheses concerning the turbulent kinematic viscosity coefficient in the study of subsonic turbulent jets /Remarques sur l'utilisation des hypotheses concernant le coefficient de viscosite cinematique turbulent dans l'etude des jets subsoniques turbulents/. 09 p1490 A67-22548
- FLORENTINE, R. A.**
Radioactive dispersions for radioactive ablation sensors. [AIAA PAPER 65-363] 19 p3227 A67-34821
- FLORET, F.**
Concept, development, and tests of solar thermionic converters with alkaline vapor refueling /Conception, realisation et essais de convertisseurs thermioniques solaires a vapeur de remplissage alcaline/. 07 p1132 A67-20287
- FLORY, D. A.**
Lunar Receiving Laboratory. 07 p1164 A67-20021
- FOUNDERS, J. G.**
An experimental I.L.S. echo-monitoring system. 06 p0957 A67-17578
- FLOYD, T. J.**
Heavy current fluidic devices. 08 p1280 A67-20445
- FLOYD, W. L.**
Scatterometer program. 08 p1293 A67-20682
- FLUDE, H. E.**
Survey of the problems of S.S.R. system design. 09 p1530 A67-22648
- FLUEGGE-LOTZ, I.**
Stability indicative function and its application to systems with time delay. 10 p1679 A67-22916
Attitude control of a satellite in an elliptic orbit. 11 p1869 A67-24337
The computation of compressible boundary-layer flow. 24 p4145 A67-43087
- FLUEGGE, R. A.**
Ion cyclotron resonance line broadening at high E/P. 22 p3840 A67-39365
- FLUEGGE, W.**
Point load on a shallow elliptic paraboloid. 04 p0719 A67-15934
Stability of toroidal shells under uniform external pressure. 08 p1417 A67-20557
Large-deformation theory of shells of revolution. 10 p1730 A67-23836
The membrane theory of the toroidal shell - A singular perturbation problem. 11 p1871 A67-24086
Viscoelasticity. 20 p3535 A67-36138
- FLUHR, Z.**
Minimization and convexity in threshold logic. 13 p2073 A67-27065
- FLUMERFELT, R. W.**
Non-Fourier heat conduction in a rarefied gas. 05 p0925 A67-16272
- FLUUR, E.**
Hearing discrimination in hyperbaric air. 09 p1453 A67-21729
- FLYNN, G. W.**
Progress and applications of Q-switching techniques using molecular gas lasers. 05 p0816 A67-16632
- FLYNN, J. B.**
Room temperature Lorentz field induced recombination radiation in InSb and Cd sub x Hg sub 1 sub x Te. 03 p0496 A67-13675
- FLYNN, J. T.**
Equilibrium concentrations for an air-water plasma, 3000 deg-7000 deg K. 05 p0850 A67-16131
- FLYNN, M. J.**
The IBM System/360 Model 91 - Some remarks on system development. 11 p1755 A67-23948
- FLYNN, P. F.**
Bandwidth allocation. 24 p4124 A67-42931
- FLYNN, T. M.**
Mass flowmeters in cryogenic service. 03 p0421 A67-13768
Liquid hydrogen engineering instrumentation. 05 p0807 A67-17019
Flow measurement. II. 13 p2121 A67-27633
On the problems of measuring transient temperature in cryogenic fluids. 15 p2490 A67-30155
Superconducting devices. 22 p3808 A67-40398
- FOCAS, J. H.**
Lunar geological research /Recherche geologique lunaire/. 04 p0699 A67-15064
Contribution of observations made from the earth to the direct exploration of the planets /Contribution des observations effectuees depuis la terre a l'exploration directe des planetes/. 18 p3121 A67-34136
Transparency of the Martian atmosphere and visibility of surface details in blue and ultraviolet light /Transparence de l'atmosphere Martienne et visibilite des details de la surface dans le bleu et ultraviolet/. 18 p3124 A67-34154
- FOCKE, H.**
New considerations on the theory of slipstream propulsion /Neuere Betrachtungen ueber die Theorie der Nachstrompropulsion/. 12 p1988 A67-25214
- FOCT, J.**
Topographic X-ray study of the deformation in tension of a silicon crystal /Etude par topographie aux rayons X de la deformation par traction d'un cristal de silicium/. 03 p0493 A67-13452
- FODCHUK, V. I.**
Construction of asymptotic solutions for quasi-linear partial differential equations with a time lag /O postroenii asimptoticheskikh reshenii dlia kvazilinelnykh differentsial'nykh uravnenii v chastnykh prozvodnykh s zapazdyvaniem po vremeni/. 19 p3251 A67-36050
- FOEEX, M.**
Plasma furnace for the study of refractory products /Four a plasma pour l'etude des produits refractaires/. 19 p3299 A67-35900
Control in hot surface channels for open cycle M.H.D. generators. 24 p4106 A67-42526
- FOEH, A. W., JR.**
Design and development of a digital cardiachometer. 15 p2432 A67-29921
- FOEPPL, H.**
Artificial strontium and barium clouds in the upper atmosphere. 17 p2851 A67-33194
- FOERSTE, J.**
Absorption of gases by fluid films /Zur Absorption von Gasen durch Fluessigkeitsfilme/. 13 p2094 A67-26638
- FOERSTER, R.**
Statistical initial-value problem for Burgers' model equation of turbulence. 05 p0794 A67-17419
- FOERSTER, S.**
The closed MHD loop, ARGAS. 16 p2653 A67-30553
- FOEX, M.**
Semiconducting properties of lanthanum chromite /Sur les proprietes semi-conductrices du chromite de lanthane/. 15 p2535 A67-29478
Measurement of the solidification points of refractory oxides /Mesure des points de solidification des oxydes refractaires/. 20 p3472 A67-36118
- FOFANOV, V. I.**
Biological value of plant proteins in relation to their utilization in a closed life-support system /Izuchenie biologicheskoi tsennosti rastitel'nykh belkov v svyazi s vozmozhnym ispol'zovaniem ikh v biologicheskoi sisteme zhizneobespecheniya/. 16 p2612 A67-30908
Problem of reproduction of food protein by autotrophic organisms in extraterrestrial conditions. 19 p3179 A67-35228
Certain indices of the human natural immunity with respect to the substitution of Chlorella proteins for animal proteins in the dietary ration /Nekotorye pokazateli estestvennogo immuniteta pri zamene zhivotnogo belka v ratsione pitania belkami Khlorelli/. 20 p3368 A67-36269
Measurement of the biological value of algal and soya proteins on white rats of four generations /Opredelenie biologicheskoi tsennosti belkov odnokletochnykh vodoroslei i soi na 4 pokoleniakh belykh krysov/. 24 p4111 A67-41847
- FOGARTY, L. E.**
Survey of flight simulation computation methods. 13 p2090 A67-27264
- FOGEL, I. A. M.**
Concerning the distribution of rotational energy levels of molecules excited by ion impact. 06 p1035 A67-17877
Emission spectra of rarefied molecular gases excited by fast electrons. 07 p1225 A67-19099
Study of the effect of proton bombardment on the optical constants of thin metallic layers /Izuchenie vliyania protonnoi bombardirovki na opticheskie postolnnyye tonkikh metallicheskikh sloev/. 14 p2373 A67-28855
- FOGLE, B.**
Recent advances in research on noctilucous clouds. 02 p0239 A67-12534
Noctilucous clouds. 07 p1218 A67-19052
- FOGY, W.**
Some information on nature, size and velocity distribution of random scatterers gathered by a pulse radar on two wavelengths using vertical fixed beams. 04 p0573 A67-15036
Construction of the central station of the German ground-station system for satellites /Zentralstation des deutschen Bodenstationssystems fuer satelliten im aufbau/. 18 p3021 A67-34607
- FOITZIK, L.**
Collective scattering cross section and collective spectral extinction of Mie scattering with logarithmic Gaussian distributions /Kollektiver streuquerschnitt und kollektive spektrale Extinktion der Miestreuung bei logarithmischen Gauss-Verteilungen/. 13 p2150 A67-26432
- FOK, V. A.**
Fundamental principles of Einstein's theory of gravitation. 18 p3079 A67-34133
- FOKHET, A. S.**
Some theoretical aspects of the construction of artificial ecological systems /Nekotorye teoreticheskie voprosy postroeniya iskusstvennykh ekologicheskikh sistem/. 16 p2618 A67-30777
- FOKIN, A. G.**
Effect of the orientations of reinforcing fibers on the elastic moduli of materials /Vlianie orientatsii armirulushchikh volokon na uprugie moduli materialov/. 15 p2576 A67-30178
- FOKIN, O. V.**
Invariance of nonlinear automatic systems /Invariantnost' nelineinikh avtomaticheskikh sistem/. 21 p3604 A67-39111
- FOKIN, V. N.**
Theoretical and experimental studies of the self-excitation regimes associated with interaction of a traveling magnetic field and a flow of ionized gas. 12 p1977 A67-26077
- FOKKER, A. D.**
A collection of spectral diagrams of solar radio type IV events. 04 p0692 A67-14588
- FOLBERTH, O. G.**
The Gunn effect /Der Gunn-Effekt/. 15 p2536 A67-29530
- FOLDES, A.**
Use of superconducting coils as energy storage elements in pulsed system operations. 22 p3747 A67-39900
- FOLDES, P.**
Effects of the weather on exposed and

- enclosed satellite communications antenna systems. 22 p3763 A67-40408
- FOLDZINSKA, A.**
Investigations by the tagged-atom method of the process of technological purification of germanium tetrachloride to the semiconductor-level of purity /Badania metoda atomow znaczoonych procesu technologicznego oczyszczania czterochloru germanu do polprzewodnikowego stopnia czystosci/. 18 p3104 A67-34600
- FOLEY, M. F.**
Development of techniques for direct measurement of metabolism under water. 09 p1455 A67-21722
- FOLEY, T. K.**
Optimum power division for phase-modulated deep-space communications links. 16 p2625 A67-31258
Comparison of data return techniques for a Mars lander. [AIAA PAPER 67-647] 20 p3387 A67-37627
- FOLEY, W. V.**
Titan III checkout - its effect on GSE. [AIAA PAPER 67-267] 07 p1186 A67-20076
- FOLIAS, E. S.**
A circumferential crack in a pressurized cylindrical shell. 22 p3911 A67-39678
- FOLIN, K. G.**
A method of narrowing the emission spectrum of a ruby laser /Ob odnom metode suzhenia spektra izlucheniia okg na rubine/. 19 p3241 A67-36023
- FOLINBEE, R. E.**
Revelstoke - A new type I carbonaceous chondrite. 24 p4233 A67-42618
- FOLKESTAD, K.**
A note on high-latitude spread F. [AGARDOGRAPH 95] 15 p2481 A67-30280
- FOLKMAN, N. R.**
Test on a thermally scaled model space station in a simulated solar environment. [AIAA PAPER 65-658] 03 p0534 A67-13063
- FOLOMEIEVA, M. A.**
Investigation of VT15 alloy welds /Issledovanie svarnykh soedinenii splava VT15/. 07 p1207 A67-19290
Effect of small boron, beryllium, and lanthanum additions on the properties of titanium alloy welds /Vliianie malykh dobavok bora, berillia i lantana na svoistva svarnykh soedinenii titanovykh splavov/. 07 p1207 A67-19291
- FOLTZ, H. P.**
The prediction of clear-air turbulence over mountainous terrain. [AIAA PAPER 67-184] 06 p1026 A67-18298
The prediction of clear air turbulence over mountainous terrain. 17 p2880 A67-32552
- FOLZ, W. C.**
Rubidium vapor magnetometer for near earth orbiting spacecraft. 20 p3443 A67-36513
- FOMEL, B. M.**
Some aspects of the dynamics of a multiply stable pulsed element /Nekotorye voprosy dinamiki impul'snogo mnogoustoiichivogo elementa/. 09 p1473 A67-21959
Some problems of the dynamics of a pulse multistable element. 20 p3400 A67-37189
- FOMENKO, B. A.**
Hysteresis effects in plane MHD flows /Gisterizatsionnye efekty v ploskikh MGD-techeniakh/. 06 p1043 A67-18671
Estimation of the effect of the temperature dependence of conductivity on MGD flows /K otsenke vlianiia temperaturnoi zavisimosti provodimosti v magnitogazodinamicheskikh techeniakh/. 16 p2721 A67-31392
- FOMENKO, O. N.**
Investigation of the accuracy of nonlinear automatic control systems with random parameters /Issledovanie tochnosti nelineynykh sistem avtomaticheskogo upravleniia so sluchalnymi parametrami/. 11 p1770 A67-24211
- FOMENKO, V. S.**
Nature of the interaction between zirconium carbide and cesium vapor /O kharaktere vzaimodelstviia karbida tsirkoniia s parami tseziia/. 11 p1822 A67-24033
Preparation and physical properties of alloys of the W-LaB sub 6 system. 13 p2131 A67-26468
- FOMENKO, V. T.**
Infinitesimal deformations of convex surfaces with generalized sliding at the boundary. 18 p3144 A67-34482
- FOMICHEV, M. S.**
Investigation of the hydrodynamic and thermal characteristics of flows bounded by channel walls /Issledovanie gidrodinamicheskikh i teplovyykh kharakteristik strui, ogranichennoi stenkami kanala/. 03 p0403 A67-13689
Pressure pulsation and heat transfer on the wall in the discrete vortex zone of a restrained jet /Pulsatsiia davleniia i teploobmen na stenke v zone diskretnykh vikhrei stennoi strui/. 06 p1118 A67-18550
- FOMICHEV, V. V.**
Nature and geoeffectiveness of agents causing solar radio bursts of types II and IV /O prirode i geoeffektivnosti agentov vyzvalushchikh solnechnye radiovysleski II i IV tipa/. 10 p1698 A67-22776
Nature and geophysical effectiveness of agents responsible for type II and IV solar radio bursts. 24 p4209 A67-42112
- FOMIN, A. A.**
Design of a symmetric inductor with multipole field /Raschet simmetrichnogo induktora s multipol'nym polem/. 01 p0012 A67-10188
Study of a cylindrical inductor with an exponential field /Issledovanie tsilindricheskogo induktora s eksponentsial'nym polem/. 04 p0556 A67-15522
- FOMIN, A. F.**
Elements and assemblies of analog radiotelemetric systems /Elementy i uzly analogovykh radiotelemetricheskikh sistem/. 03 p0367 A67-13123
Information-transmission accuracy and reliability of analog wide-band modulation systems in the presence of fluctuation noise. 03 p0369 A67-13581
Threshold signals and optimum modulation parameters of analog information-transmission methods for ideal reception. 10 p1604 A67-22984
- FOMIN, I. P.**
Comparison of microwave methods of plasma diagnostics /Sravnenie mikrovolnovykh metodov issledovaniia plazmy/. 21 p3670 A67-38688
- FOMIN, I. A.**
Application of the time discretization method to the determination of the peak duration distribution of the normal noise envelope /Primenenie metoda vremennoi diskretizatsii dlia nakhozheniia raspredeleniia dlitel'nosti vybrosov ogibalushchei normal'nogo shumai/. 11 p1754 A67-24987
Approximate determination of the distribution of the lengths of the phase overshoots of a normal steady random process /Priblizhennoe opredelenie raspredeleniia dlitel'nosti vybrosov fazy normal'nogo statsionarnogo sluchalnogo protsessai/. 24 p4136 A67-42194
- FOMIN, I. U.**
Ultrahigh energy primary cosmic radiation according to extensive air shower data. 02 p0311 A67-12589
Phenomenological characteristics of extensive air showers with a fixed number of muons and electrons /Fenomenologicheskie kharakteristiki shirokikh atmosferynykh livnei s fiksnym chislom mu-mezonov i elektronov/. 02 p0318 A67-12777
Superhigh-energy primary cosmic radiation and extensive air showers /Pervichnoe kosmicheskoe izluchenie sverkhvysokoi energii i shirokie atmosferynye livni/. 02 p0318 A67-12778
Calculations of the longitudinal and transverse development of extensive atmospheric showers and some prospects of studying them /Raschety prodol'nogo i poperechnogo razvitiia shirokikh atmosferynykh livnei i nekotorye perspektivy ikh izucheniia/. 02 p0318 A67-12784
Superhigh energy primary radiation and extensive air showers. 22 p3877 A67-40280
Calculations of the longitudinal and transverse development of extensive air showers and some possibilities of investigation of such showers. 22 p3878 A67-40286
Investigation of the penetrating component of high-energy cosmic rays at depths from 20 to 40 mwe below the earth's surface /Issledovanie pronikalushchei komponenty kosmicheskogo izlucheniia vysokoi energii na glubinakh 20 i 40 m v.e. pod zemlei/. 24 p4221 A67-42876
- FOMIN, V. G.**
Effect of structural defects on some electrical properties of germanium doped with gold and antimony. 05 p0861 A67-16398
- FOMIN, V. L.**
Stress concentration in a plate with a circular hole /O kontsentratsii napriazhenii v plastinke s krugovym otverstiem/. 06 p1107 A67-18634
- FOMIN, V. M.**
A certain approximate method for solving problems of gas flow at subsonic velocities /Odin priblizhennyi metod resheniia zadach o techeniakh gaza s dozvuikovoi skorosti/. 20 p3356 A67-36442
- FOMIN, V. N.**
Supersonic gas flow past blunt bodies - Theoretical and experimental studies /Obtekanie zatuplennykh tel sverkhzvukovym potokom gaza - Teoreticheskoe i eksperimental'noe issledovanie/. 03 p0349 A67-12851
Supersonic gas flows past blunt cones with radiation taken into account /Obtekanie zatuplennykh konusov sverkhzvukovym potokom gaza s uchedom izlucheniia/. 21 p3564 A67-38424
- FOMINOV, A. M.**
Influence of atmospheric drag on satellite motion along highly eccentric orbits /Vliianie soprotivleniia atmosfery na dvizhenie sputnikov po orbitam s bol'shimi ekstentsivnostiami/. 20 p3522 A67-36618
- FONAGY, K.**
Effect of cadmium oxide and cadmium perchlorate on the decomposition and ignition of ammonium perchlorate. 18 p3107 A67-33810
- FONDA-BONARDI, G.**
The design of rigid, articulated pressure suits. 16 p2618 A67-30779
The experimental verification of performance of an electromagnetic induction plasma thruster. [AIAA PAPER 67-739] 21 p3695 A67-38761
- FONDY, T. P.**
The comparative enzymology of lactic dehydrogenases. III. 20 p3377 A67-37159
- FONER, S.**
AC superconducting solenoid for kilogauss field modulation. 14 p2288 A67-28747
- FONG, H. S.**
Re-entry guidance by threshold network storage of precomputed optimum commands. [AIAA PAPER 66-52] 11 p1869 A67-24338
- FONG, T. S.**
On the problem of optimum antenna aperture distribution. 11 p1768 A67-24943
- FONTANA, A.**
Control moment gyro development and test. 17 p2853 A67-31995
- FONTANESI, M.**
Strong ionizing fronts in an oblique magnetic field. 17 p2908 A67-33114
Resonance effects in a low pressure weakly ionized plasma. 19 p3276 A67-35113
- FONTENOT, L. L.**
Fluid behavior in parabolic containers undergoing vertical excitation. 12 p1931 A67-26182
- FONTIJN, A.**
Chemiluminescent gas-phase reactions involving electronically excited oxygen molecules - Trimethyl-aluminum and diborane near 3 mtorr. 01 p0019 A67-11007
A model of chemical releases leading to upper-atmospheric chemi-ion formation. [AIAA PAPER 67-148] 06 p0995 A67-18360
NO plus O chemiluminescent reaction using adiabatically expanded nitric oxide. 15 p2434 A67-29884
Chemi-ionization in the reaction between C sub 2 F sub 4 and atomic nitrogen-atomic oxygen mixtures. 18 p3107 A67-33805
- FOOKS, G. F.**
Power spectra of geomagnetic micropulsations. 07 p1171 A67-19421
- FOOKS, J. H.**
An approach to the estimation of microbial contamination on spacecraft. 23 p3962 A67-40853
- FOORD, C. A.**
Evaluation of lubricants using optical elastohydrodynamics. [ASLE PAPER 67-LC-12] 24 p4164 A67-42747
- FOORD, T. R.**
Effects of recovery factor on measurement of temperature of moving fluids. 12 p1928 A67-25353
- FOOTT, D. E.**
Survey of the problems of S.S.R. system

- design. 09 p1530 A67-22648
- FOPIANO, P. J.**
Some X-ray observations of plastic flow in single crystals of iron. 04 p0640 A67-15793
- FORBES, F. F.**
The infrared polarization of the infrared star in Cygnus. 11 p1863 A67-24509
A polarizer for the vacuum ultraviolet. 15 p2491 A67-30425
Multichannel delay line memory for scientific data accumulation. 20 p3390 A67-36251
- FORBES, F. W.**
Expandable and modular structures technology for support on manned missions. 02 p0333 A67-12342
- FORBES, G. R.**
An experimental evaluation of multiplate antenna properties. 02 p0210 A67-11592
- FORBUSH, S. E.**
Long-term variation in the magnitude of the diurnal anisotropy of cosmic rays. 12 p1993 A67-25205
A variation, with a period of two solar cycles, in the cosmic-ray diurnal anisotropy. 23 p4051 A67-40817
- FORCHT, B. A.**
Reinforced pyrolyzed plastic composites for aerospace applications. 03 p0443 A67-13415
- FORD, A. G.**
Captured air bubble /CAB/ vehicle progress report. [AIAA PAPER 67-348] 14 p2246 A67-28730
- FORD, A. R.**
Densified carbon and graphite. 24 p4174 A67-41913
- FORD, H. W.**
The photolysis of nitrogen dioxide in the presence of nitric acid at 3660 angstrom units and 25 deg. [JPL-TR-32-1128] 14 p2260 A67-28782
- FORD, J. A.**
The effect of elevated-temperature exposure on the microstructure and tensile strength of Al sub 3 Ni whisker-reinforced aluminum. 16 p2690 A67-31372
The effect of fiber orientation and morphology on the tensile behavior of Al sub 3 Ni whisker reinforced aluminum. [ASTM PAPER 3] 18 p3067 A67-34569
- FORD, T.**
The world's largest hovercraft - the SR.N4 at Cowes. 12 p1895 A67-26168
- FORD, W. F.**
Renormalized Born approximation. 17 p2887 A67-33318
- FOREMAN, J. W., JR.**
Optical path-length difference effects in photomixing with multimode gas laser radiation. 13 p2128 A67-27346
- FORESTER, C. K.**
Nonequilibrium storage and expulsion of single-phase cryogenics. 13 p2227 A67-27641
- FORGE, C.**
Driving the pin-diode switch. 12 p1917 A67-26194
- FORGIT, R. P.**
A technique for apportionment of quantitative maintainability goals. 08 p1315 A67-20670
- FORGO, G.**
Observation of moving strlation modes in a gas laser. 22 p3816 A67-40312
- FORKNER, J. F.**
A photographic recording medium for 10.6- μ laser radiation. 19 p3240 A67-35694
- FORLAND, K. S.**
A contribution to the theory of the thermomolecular flow effect in microbalances. 04 p0620 A67-14732
- FORLANI, F.**
Theory of the influence of surface states on the impedance of a semiconductor-insulator interface. 03 p0487 A67-12810
Contribution to the study of metal contacts on semiconductor real surfaces. 14 p2373 A67-28925
The potential barrier at the metal-semiconductor contact /La barriera di potenziale al contatto metallo-semiconduttore/. 24 p4204 A67-42410
- FORMALSKII, A. M.**
Construction of a control region for systems with pulse-limited control forces /Postroenie oblasti upravlaemosti dlia sistem s organichennymi po impul'su upravlaushchimi silami/. 02 p0224 A67-11627
Construction of a stability region for systems unstable "as a whole" /Postroenie oblasti ustoičivosti sistem, ne
- lavliashchikhslia ustoičivymi "v tselom"/. 09 p1532 A67-21913
Theory of gyro power stabilizer /K teorii silovogo girostabilizatora/. 24 p4155 A67-42299
- FORMAN, I.**
Simulation of ejectors /Modelovani ejektoru/. 15 p2423 A67-30080
- FORMAN, R. G.**
Numerical analysis of crack propagation in cyclic-loaded structures. [ASME PAPER 66-WA/MET-4] 04 p0711 A67-15342
- FORMAN, R. J.**
A planar slot array with four independent beams. 02 p0211 A67-11594
- FORMELLER, F. J.**
Open sea testing of aviator's coveralls. 23 p3967 A67-41606
Open sea testing of aviators' coveralls. [AIAA PAPER 67-968] 24 p4118 A67-43046
- FORNACA, G.**
Two-photon absorption and coherence. 17 p2870 A67-33317
- FORNADLEY, F. D.**
Nucleonic two phase hydrogen quality gauging system. 05 p0842 A67-16539
- FORNARO, R.**
An algorithm for generating root locus diagrams. 13 p2074 A67-27223
- FORNWALT, D. E.**
General method for analyzing refractory-metal alloys using the vacuum-cup electrode. 05 p0758 A67-16369
- FORREST, J. C.**
The place and capabilities of modern Doppler systems for subsonic and supersonic aircraft. [SAE PAPER 670328] 12 p1964 A67-25870
- FORREST, M. J.**
Asymmetric co-operative scattered light spectrum in a thetatron plasma. 01 p0121 A67-10248
- FORRESTER, A. T.**
Coupled molecular flow and surface diffusion - Application to cesium transport. 15 p2520 A67-29494
- FORRESTER, P. A.**
Orthorhombic and trigonal electron-spin-resonance spectra of Ce super 3 super plus ions in CaF sub 2. 03 p0492 A67-13328
- FORSBERG, K.**
Point load on a shallow elliptic paraboloid. 04 p0719 A67-15934
Computer graphics - A powerful new tool for the structural dynamicist. 10 p1608 A67-23739
- FORSBERG, R. C.**
Meteorological rocket network probing of the stratosphere and lower mesosphere. 02 p0239 A67-12535
- FORSTER, J. H.**
Beam-lead sealed-junction integrated circuits. 05 p0770 A67-16240
- FORSTER, K.**
Motion of a vehicle in the transition region of the restricted three body problem. [AAS PAPER 66-97] 07 p1252 A67-19961
- FORSTMANN, F.**
Influence of plasma waves on the reflectivity of metals. II /Der Einfluss von Plasmawellen auf das Reflexionsvermoegen von Metallen. II/. 19 p3262 A67-35582
- FORSVOLL, K.**
On the oxidation and removal by diffusion of Mg in Al and Al-Mg alloys. 08 p1341 A67-20796
- FORSYTH, P. A.**
Rocket studies of isolated ionospheric irregularities. 22 p3760 A67-39627
- FORSYTH, P. J. E.**
Fibre-strengthened materials. 11 p1811 A67-24637
- FORSYTHE, G. E.**
Computer solution of linear algebraic systems. 17 p2821 A67-32825
- FORT, D. N.**
Total atmospheric attenuation at 3.2 Gighertz. 02 p0237 A67-11855
- FORT, T.**
The gamma function with varying difference interval. 11 p1812 A67-23966
Newtonian analogues of the trigonometric and exponential functions. 13 p2146 A67-26851
- FORTNEY, S. R.**
Effect of monomethylhydrazine on methemoglobin production in vitro and in vivo. 10 p1599 A67-23812
Effect of hydrazine on carbohydrate metabolism in vivo and in vitro. 18 p2992 A67-34720
- Methemoglobinemia as an indicator of exposure to monomethylhydrazine. 23 p3955 A67-41602
- FORTOVA, A.**
Numerical solution of the Wiener-Hopf equation in the statistical identification of a linear dynamic plant /Numericke reseni Wienerovy-Hopfov rovnice pri statisticke identifikaci linearni dynamicke soustavy/. 04 p0644 A67-14903
- FORTUNATO, G.**
Search for charges 1/3e and 2/3e in the cosmic radiation. 02 p0308 A67-11500
Hunting charges plus or minus 4/3 e in the cosmic radiation. 15 p2549 A67-29526
- FORTUS, M. I.**
Statistical models of geopotential and wind fields on a spherical earth /Statisticheskie modeli poloj geopotentsiala i vetra na sfericheskoj zemle/. 14 p2346 A67-28764
- FORTY, A. J.**
A pre-melting phenomenon in sodium-potassium alloys. 14 p2339 A67-29032
- FORWARD, R. L.**
Generation and detection of dynamic gravitational-gradient fields. 11 p1794 A67-24903
Gravitational-radiation detection range for binary stellar systems. 15 p2563 A67-30162
Utilization of the deep space environment by unmanned interstellar probes. 19 p3322 A67-35316
Asteroid belt investigation using small, spin-stabilized fly-by probes. 19 p3322 A67-35317
- FOSDICK, G. E.**
Study results pertaining to selection and evaluation of a multipurpose satellite. [AIAA PAPER 67-636] 20 p3535 A67-37621
- FOSHEE, L. L.**
Preliminary results from Nimbus II. 04 p0613 A67-14801
- FOSNIGHT, V. V.**
Cesium electron bombardment ion microthrusters. [AIAA PAPER 67-81] 07 p1240 A67-19436
Cesium electron-bombardment ion microthrusters. 21 p3689 A67-37790
- FOSS, D.**
On the oxidation and removal by diffusion of Mg in Al and Al-Mg alloys. 08 p1341 A67-20796
- FOSS, J. F.**
Flow characteristics of the defined region geometry for high-gain proportional amplifiers. 14 p2249 A67-28326
- FOSS, R. C.**
Integrated circuits for analogue switching. 14 p2281 A67-28018
200 MHz counter/shift-register stage. 17 p2824 A67-32306
- FOSSARD, A.**
Nonlinear compensation and self-adaptation /Compensation non lineaire et auto-adaptation/. 05 p0785 A67-17271
- FOSTER, A. C.**
Ultrasonic inspection of large solid-fuel booster nozzles. 10 p1659 A67-22930
- FOSTER, B. K.**
Properties of materials. II. 08 p1342 A67-20904
- FOSTER, E. T.**
Smokeless propellants for rocket propulsion and gas generators. 15 p2544 A67-29981
- FOSTER, E. W.**
Measurement of transition probabilities for three S I multiplets and some observations of arc-column wobble. 06 p1038 A67-17656
- FOSTER, F.**
Energy spectrum and geomagnetic cut-off of primary cosmic-ray alpha-particles near 41 deg N mag. 09 p1562 A67-22418
- FOSTER, H. O.**
A shared memory computer display system. 03 p0375 A67-13633
Very large deformations of axially symmetrical membranes made of neo-Hookean materials. 06 p1107 A67-18652
- FOSTER, J. A.**
Plans for the new Houston Intercontinental Airport. 22 p3779 A67-39374
- FOSTER, J. F.**
Engineering requirements for culturing of Hydrogenomonas bacteria. [SAE PAPER 670854] 24 p4115 A67-42002
- FOSTER, J. H.**
Traveling-wave tube amplifier characteristics for communications. 10 p1613 A67-23440

- FOSTER, J. V.**
A laser device for remote vibration measurement. 11 p1798 A67-24433
Silicon solar cells for near-sun missions. 23 p3937 A67-41490
- FOSTER, K.**
A method of calculating the wall pressure distribution in a turbulent reattachment bubble. 08 p1320 A67-20451
Some experiments on a free foil switching device. 08 p1281 A67-20457
Fluidic circuits used in a drilling sequence control. 08 p1281 A67-20458
- FOSTER, N. G.**
Gemini experiments program - Mission III-VII. 10 p1713 A67-23243
- FOSTER, R. M.**
Non-equilibrium properties of Martian entry flow fields. 01 p0008 A67-11436
Symmetrical, equilibrium flow past a blunt body at superorbital re-entry speeds. 10 p1591 A67-23109
- FOSTER, W. B.**
Scientific missions for extended lunar space exploration. 08 p1393 A67-21090
Space experiments program for practical applications. 19 p3326 A67-35644
- FOSTH, D. C.**
The Lunar Orbiter attitude control simulator. 16 p2655 A67-31260
High accuracy attitude control for space astronomy. 16 p2763 A67-31689
Lunar Orbiter Attitude Control System. [AIAA PAPER 67-533] 19 p3334 A67-35935
- FOTIADI, A. E.**
Investigation of plasma-optical effects in a laser at 0.63, 1.15, and 3.39 μ /Issledovanie plazmenno-opticheskikh efektov v lazere na dlinakh voln 0.63, 1.15 i 3.39 μ m. 18 p3060 A67-34038
Relationship between electron density and output power in a He-Ne laser. 22 p3814 A67-39428
- FOTIADI, E. E.**
Theory of time-dependent disturbances of the gravitational and magnetic field related to current tectonic and physical processes in the earth's interior /K teorii vremennykh vozmushcheniy gravitatsionnogo i magnitnogo polya v svyazi s sovremennymi tektonofizicheskimi protsessami v zemle/. 05 p0799 A67-17027
- FOUCHE, F.**
Law of composition of thermal resistances in contact between two substances /Sur la loi de composition des resistances thermiques au contact entre deux materiaux/. 19 p3347 A67-35790
- FOUCHE, K. F.**
The distribution of some trace elements in iron meteorites, as determined by neutron activation. 14 p2391 A67-28947
- FOUCHE, Y.**
Low-altitude detection and defense /Detection et defense basse altitude/. 17 p2816 A67-32751
- FOUDRIAT, E. C.**
Preliminary analysis of liquid equilibrium configurations and disturbances of a vehicle motion due to liquid sloshing in space. 04 p0605 A67-14989
- FOUESNANT**
Role of LRBA in the "Diamant" program /Le role du L.R.B.A. dans le programme "Diamant"/. 07 p1131 A67-19520
- FOUESNANT, L. C.**
Emeraude, first stage of Diamant - Debugging the propulsion system /Emeraude, premier etage Diamant - Mise au point du propulseur/. 01 p0155 A67-11389
- FOULDS, K. W. H.**
Propagation of electromagnetic waves along an annular plasma. 02 p0204 A67-12187
- FOUNTAIN, J. A.**
An improved guarded-cold plate thermal-conductivity apparatus. 22 p3803 A67-40296
- FOUREAU, A. E.**
Problems of parametric identification of processes - Identification of a process by a second-order mathematical model /Problemes d'identification parametrique de processus d'identification d'un processus par un modele mathematique du second ordre/. 19 p3206 A67-35915
- FOURNET, G.**
Calculation of the magnetic properties of superconducting vanadium. 16 p2726 A67-30818
Entropy and specific heat of a superconductor in the mixed state. 21 p3680 A67-38349
- Analysis of background noise in type II superconductors /Analyse du bruit de fond dans les supraconducteurs de type II/. 24 p4200 A67-41869
- FOURNET, M.**
Experimental study of an electric drive using a solid propellant /Etude experimentale d'un propulseur electrique a propulsif solide/. 16 p2736 A67-30716
- FOURRIER, J.**
Horizontal probing of the troposphere by means of constant-altitude balloons /Sondage horizontal de la troposphere au moyen de ballons plafonnants/. 09 p1525 A67-22560
- FWLER, A. B.**
Oscillatory magneto-conductance in Si surfaces. 06 p1063 A67-18940
- FWLER, C. S.**
A three-cavity refractometer and associated telemetry equipment. 01 p0025 A67-10816
- FWLER, F.**
Further evidence on secondary task interference in tracking. 13 p2061 A67-26490
- FWLER, J. W.**
High temperature Verneuil crystal growth by arc melting. 21 p3636 A67-38769
- FWLER, M. E.**
A numerical integration technique for ordinary differential equations with widely separated eigenvalues. 23 p4024 A67-41394
- FWLER, P. H.**
The charge spectrum of very heavy cosmic ray nuclei. 23 p4050 A67-40676
- FWLER, R. A.**
Polarization analysis of natural and artificially induced geomagnetic micropulsations. 15 p2476 A67-29620
Exploration of the magnetosphere by analysis of high altitude nuclear weapons test data. 22 p3792 A67-39932
A planetary geodetic laser survey system. 22 p3800 A67-40139
- FWLER, R. D.**
Positive isotope effect on the superconducting transition temperature of alpha-uranium. 23 p4044 A67-41439
- FWLER, R. G.**
Burning-wave speed enhancement by electric fields. 03 p0537 A67-14050
Weber's mixed boundary-value problem in electrodynamics. 15 p2522 A67-29196
- FWLER, T. K.**
Plasma expansion in a magnetic field. 05 p0858 A67-17428
Stabilization of helical modes by magnetic wells. 11 p1827 A67-23885
Anomalous resistive instability. 16 p2720 A67-31240
Effect of magnetic curvature on the drift-cyclotron instability. 21 p3681 A67-37749
- FWLER, V. J.**
An internally scanned laser. 05 p0818 A67-16647
A photochromic laser display. 11 p1801 A67-24717
- FWLER, W. A.**
Gravitational red-shifts in quasi-stellar objects. 07 p1250 A67-19684
On the synthesis of elements at very high temperatures. 12 p2010 A67-26239
Origin of low energy cosmic rays from outside the solar system. 24 p4209 A67-41874
- FWLKES, C. W.**
Two photoviscoelasticity experiments using analog data reduction. 05 p0921 A67-16826
- FOX, A. G.**
Effect of gain saturation on the oscillating modes of optical masers. 08 p1339 A67-21377
Mode-locked laser and the 180 deg pulse. 14 p2330 A67-28292
- FOX, A. J.**
An S-band travelling wave phototube. 09 p1479 A67-22279
Tunable microwave-frequency light modulator. 15 p2501 A67-30141
- FOX, B.**
Markov renewal programming by linear fractional programming. 07 p1218 A67-20289
Adaptive age replacement. 14 p2345 A67-28909
- FOX, D. W.**
Computational methods for determining lower bounds for eigenvalues of operators in Hilbert space. 07 p1217 A67-20018
Upper and lower bounds for the frequencies of rectangular cantilever plates. 21 p3730 A67-39094
- FOX, F. T.**
A crisis evolves - The airport reacts. 19 p3207 A67-34968
- FOX, H.**
An experimental and theoretical investigation of the turbulent far wake. 08 p1277 A67-20577
A survey of the compressible turbulent boundary layer with mass transfer. 20 p3423 A67-37256
Distributed errors in orbit transfer. 20 p3527 A67-37259
- FOX, H. L.**
Direct fluidic sensors. 21 p3625 A67-37958
Fluidics component design utilizing wave phenomena produced by interacting jets. 23 p3936 A67-41421
- FOX, J.**
Hot-wire measurements of wake turbulence in a ballistic range. 05 p0750 A67-17346
Space correlation measurements in the fluctuating turbulent wakes behind projectiles. [AIAA PAPER 67-19] 06 p0940 A67-18434
- FOX, J. N.**
Test time and particle paths in low-pressure shock tubes. 08 p1321 A67-21119
- FOX, M. G.**
Probe for measuring energy transfer between a satellite and the upper atmosphere. 16 p2670 A67-30646
- FOX, M. K.**
A methodology for the technical evaluation and rating of space science experimental payloads. 22 p3903 A67-39950
- FOX, N.**
A continuum theory of dislocations for polar elastic materials. 01 p0162 A67-10848
- FOX, R. H.**
Electrical system design and integration in the UK3 satellite. 01 p0156 A67-11423
- FOX, R. L.**
Optimum design of curve-generating linkages with inequality constraints. [ASME PAPER 66-MECH-20] 08 p1336 A67-21317
A cylindrical shell discrete element. 10 p1717 A67-23128
Finite deflection structural analysis using plate and cylindrical shell discrete elements. 10 p1728 A67-23717
- FOX, R. W.**
An experimental investigation on the effect of subsonic inlet Mach number on the performance of conical diffusers. 05 p0748 A67-16811
- FOX, S. W.**
Neighboring N-carboxyalkyl group participation in the hydrolysis of phthalimide. 10 p1602 A67-23159
The catalytic activity of thermal polyanhydro-alpha-amino acids for the hydrolysis of p-nitrophenyl acetate - Catalysis by thermal polyamino acids. 13 p2065 A67-28732
The inactivation of catalytically active thermal polyanhydro-alpha-amino acids. 13 p2065 A67-28733
Phosphorylation of nucleosides with polyphosphoric acid. 13 p2065 A67-28807
Condensation of cytidylic acid in the presence of polyphosphoric acid. 13 p2065 A67-27183
Copolymerization of the Leuchs anhydrides of the eighteen amino acids common to protein. 20 p3377 A67-37397
Radiation and the first biopolymers. 24 p4113 A67-42656
- FOX, W. L.**
Forgetting of a simple motor task. 21 p3576 A67-39099
- FOXALL, R. A.**
The plasticity of pure niobium single crystals. 07 p1211 A67-20164
- FOXELL, C. A.**
Trends in gallium arsenide varactor diodes. 10 p1615 A67-23529
- FOYE, R. L.**
An evaluation of various engineering estimates of the transverse properties of unidirectional composites. 03 p0522 A67-13443
Deflection limits on the plate-twisting test. 14 p2399 A67-28102
- FOYT, A. G.**
Bulk GaAs negative conductance amplifiers. 02 p0221 A67-12512
Epitaxial gallium arsenide Gunn effect oscillators. 10 p1616 A67-23533
Current runaway and avalanche effects in n-CdTe. 21 p3677 A67-38006
- FRADIN, A. Z.**
Eagle antenna parameters /O parametrah

- antenn s elektricheskim kachaniem
lucha/. 09 p1472 A67-21956
Parameters of antennas with electrical
beam swinging. 20 p3400 A67-37186
- FRADKIN, E. E.**
Number of generating modes in solid-body
lasers using a traveling wave and standing
wave /O chisle generiruiushchikh mod v
tverdotel'nykh okg begushchel i stolachel
volny/. 01 p0086 A67-10069
Competition of two types of oscillations in
a traveling-wave laser /Konkurentsiya dvukh
tipov kolebaniy v opticheskoy kvantovoy
generatore begushchel volny
/GBV//. 01 p0089 A67-10362
Competition between two types of
oscillation in a traveling wave laser
/TWL/. 06 p1009 A67-17620
Propagation of intense monochromatic
radiation in media with various types of
spectral-line broadening. 08 p1294 A67-20816
Concerning the number of modes
generated in solid state lasers by travelling
and standing waves. 08 p1339 A67-21452
A laser under the action of an external
signal /Opticheskii kvantovyi generator pod
deystviem vneshnego
signala/. 15 p2498 A67-29469
Laser subject to an external
signal. 21 p3641 A67-38550
- FRADKIN, E. S.**
Theory of turbulent
intermixing. 13 p2105 A67-27411
Investigation of the stability of arbitrary
one-dimensional hydrodynamical
flow. 13 p2105 A67-27413
Refraction and reflection of shock waves
from the interface between media having
different densities. 13 p2105 A67-27414
- FRADKIN, M. I.**
Composition and energy spectrum of
primary cosmic rays in the low-energy
region. 02 p0310 A67-12582
Preliminary results of investigation of the
nuclear component of cosmic rays by
equipment carried by Electron
2. 02 p0310 A67-12583
Study of the temporal variations of the
nuclear flux of primary cosmic radiation on
the satellites Elektron 2 and 4 /Issledovanie
vremennykh izmeneniy potoka lader
pervichnogo kosmicheskogo izlucheniya na
spetsialnykh Elektron-2 i
Elektron-4/. 05 p0877 A67-18085
Cases of brief increase of the flux of
heavy nuclei accompanying X-radiation
bursts. 07 p1242 A67-19113
Effect of a decrease in the intensity of
the cosmic-ray nuclear component during
magnetic storms with sudden commencement
/Effekt ponizheniya intensivnosti ladernoi
komponenty kosmicheskikh luchey vo vremya
magnitnykh bur's vnezapnym
nachalom/. 13 p2194 A67-27332
Preferential acceleration of heavy nuclei
on the sun /O preimushchestvennom
uskorenii tiazhelykh lader na
solntse/. 13 p2195 A67-27341
Modulating effects of the nuclear cosmic-
ray component during minimum solar
activity /Moduliruyemye efekty ladernoi
komponenty kosmicheskikh luchey v
minimum solnechnoi
aktivnosti/. 23 p4055 A67-41104
The case of the generation of heavy nuclei
in solar cosmic rays /Sluchai generatsii
tiazhelykh lader v solnechnykh
kosmicheskikh luchakh/. 23 p4056 A67-41113
Investigation of time variations of the flux
of nuclei in primary cosmic radiation with
the aid of Elektron II and Elektron
IV. 24 p4212 A67-42761
- FRAENKEL, L. E.**
On Benjamin's theory of conjugate vortex
flows. 13 p2095 A67-26909
- FRAGA, E.**
Some aspects of supersonic combustion
/Algunos aspectos de la combustion
supersonica/. 06 p1113 A67-18027
- FRAGOYANNIS, G.**
Changes in EKG during ascent in a
depressurized chamber /EKG-
Veranderungen beim Hoehenaufstieg in der
Unterdruckkammer/. 08 p1287 A67-20643
- FRADENRAICH, N.**
Experiments on the internal impedance of an
MHD generator /Opredelenie vnutrennego
impedansa
MGD-generatora/. 17 p2802 A67-32182
- RAIMAN, I. U. E.**
Effect of axial heat flux on the
temperature field of a hollow
cylinder. 14 p2406 A67-28306
- FRAMBAULT, J. L.**
Epitaxy of silicon on corundum -
Measurement of the electronic
characteristics of epitaxial deposits /Epitaxie
du silicium sur corindon - Mesures des
caracteristiques electroniques des depots
epitaxiaux/. 02 p0294 A67-11755
- FRALEY, S. K.**
Radiative transfer in a free-electron
atmosphere. 17 p2950 A67-33164
- FRALOV, K. V.**
Sommerfeld effect in a system with
randomly varying natural frequency /Effekt
Zommerfel'da v sisteme so sluchaino
izmenialushchiesia sostvennoi
chastotol/. 07 p1261 A67-19140
- FRANASZEK, P. A.**
On sampled data systems with cyclically
varying rates. 10 p1818 A67-22731
- FRANCE, L. L.**
Mechanical behavior of a continuous
filament carbon
composite. 03 p0453 A67-13412
Mechanical behavior of a continuous
filament carbon composite.
[AIAA PAPER 87-173] 06 p1021 A67-18509
- FRANCESCETTI, G.**
A parallel-plate system for microwave
testing /Un sistema a piatti paralleli per
esperienza a microonde/. 18 p3002 A67-34224
A complete analysis of the reflection and
transmission methods for measuring the
complex permeability and permittivity of
materials at microwaves. 22 p3796 A67-39276
New class of antennas in conducting
media. 22 p3773 A67-40307
- FRANCEY, R. J.**
A strong X-ray source in the vicinity of
the constellation Crux. 17 p2937 A67-32781
- FRANCHI, P.**
Electromagnetic-wave propagation in a
weakly ionized plasma.
III. 14 p2355 A67-27955
- FRANCHI, P. R.**
An experimental evaluation of multipole
antenna properties. 02 p0210 A67-11592
- FRANCIS, G. P.**
An experimental study of skewed
turbulent boundary layers in low speed
flows.
[ASME PAPER 66-WA/FE-2] 04 p0608 A67-15386
- FRANCIS, M. P.**
Orbital resonance caused by tesseral
harmonics. 02 p0328 A67-12400
The earth plus moon mass and other
astronomical constants from the Eros motion
1926-1965. 23 p4061 A67-40621
- FRANCIS, P. H.**
A comparison of direct methods in plane
elasticity. 05 p0925 A67-17370
A method of solving certain plane
problems of contained
elasto-plasticity. 23 p4077 A67-40754
- FRANCIS, R. E.**
Experimental determination of reflectance
function for type 302 stainless steel.
[AIAA PAPER 87-321] 12 p1957 A67-26036
- FRANCIS, R. H.**
Air-breathing reusable
launchers. 15 p2568 A67-29844
- FRANCISCO, M. C.**
An application of matched asymptotic
expansions to hypervelocity flight
mechanics. 19 p3336 A67-35994
- FRANCISOVICH, P. J.**
Technique for reliability circuit design
review in space
electronics. 18 p3016 A67-34666
- FRANCK, G.**
Theoretical and experimental contributions
to the theory of negative glow light
/Theoretische und experimentelle Beitrage
zur Theorie des negativen
Glimmlichts/. 18 p3085 A67-33668
New methods for determining the plasma
output of anomalous glow discharges /Neue
Methoden zur Bestimmung des
Plasmawirkungsgrades von anomalen
Glimmentladungen/. 19 p3273 A67-35099
- FRANCK, J. P.**
Pressure-induced energy shifts in the
phonon spectrum of Pb observed by
electron-tunneling. 24 p4206 A67-43100
- FRANCO-FERREIRA, E. A.**
Thermal fatigue analysis of a cryogenically
cooled rocket nozzle. 22 p3834 A67-40183
- FRANCOIS, C.**
Asymptotic behavior of a laminar
boundary-layer far from the wall.
[ONERA-TP-458] 10 p1623 A67-22878
- FRANCOIS, D.**
Study of the deformation of beryllium
under hydrostatic pressure reaching 15
kilobars /Contribution a l'etude de la
deformation du beryllium sous pression
hydrostatique atteignant 15
kilobars/. 13 p2139 A67-27124
- FRANCOIS, M.**
Contribution to the study of the pressure-
temperature diagram of pure beryllium
/Contribution a l'etude du diagramme
pression-temperature du beryllium
pur/. 13 p2137 A67-27110
- FRANCOMBE, M. H.**
The influence of the conditions of
deposition upon the growth and structure of
evaporated and sputtered
films. 02 p0285 A67-11703
- FRANCON, M.**
Interference and coherence /Interferences
et coherence/. 06 p1000 A67-17574
Optical interferometry. 21 p3658 A67-39066
- FRANK-KAMENETSKII, D. A.**
Electrical noises of the plasma of a
steady-state HF-discharge in a magnetic field
/Elektricheskie shumy plazmy statsionarnogo
VC-h-razriada v magnitnom
pole/. 04 p0671 A67-15640
Geomagnetic micropulsations and the solar
wind /Geomagnitnye mikropul'satsii i
solnechnyi veter/. 10 p1899 A67-22797
Magnetic hydrodynamics of the exosphere
of the earth /K magnitnoi gidrodinamike
zemnoi ekzosfery/. 18 p3042 A67-34391
Parametric resonance in magnetoacoustic
waves in plasma. 20 p3501 A67-37296
Geomagnetic micropulsations and the solar
wind. 24 p4209 A67-42133
Physical interpretation of the
magnetohydrodynamic description of a
plasma /O fizicheskoi interpretatsii
magnitogidrodinamicheskogo opisaniya
plazmy/. 24 p4197 A67-42351
- FRANK, F. C.**
On the theory of Hertzian
fracture. 18 p3144 A67-34274
- FRANK, L. A.**
Initial observations of low-energy
electrons in the earth's magnetosphere with
OGO 3. 07 p1244 A67-19926
Several observations of low-energy protons
and electrons in the earth's magnetosphere
with OGO 3. 13 p2190 A67-26312
On the extraterrestrial ring current during
geomagnetic storms. 20 p3432 A67-37401
- FRANK, L. H.**
Explorer 12 observations of charged
particles in the inner radiation
zone. 08 p1378 A67-21471
- FRANK, R.**
Measurement of space and time evolution
of the distribution
function. 11 p1789 A67-24409
Experimental evidence of the nonlinear
interaction between the waves and electrons
of a plasma /Mise en evidence
experimentale de l'interaction non lineaire
entre ondes et electrons d'un
plasma/. 11 p1840 A67-24766
Determination of the electron distribution
function from the breakdown of the probe
current into its electron and ion components
/Determination de la fonction de
distribution des electrons a partir de la
separation du courant de sonde en ses
composantes electroniques et
ioniques/. 19 p3267 A67-34947
- FRANK, S.**
Optimization of a grooved heat
pipe. 24 p4255 A67-42552
- FRANKEL, G. J.**
Manned chamber testing of the Lunar
Module Environmental Control
Subsystem. 24 p4139 A67-42050
- FRANKEL, H. E.**
Fatigue phenomena in small
metallurgically-bonded
joints. 01 p0084 A67-11359
An analysis of failures in
spacecraft. 07 p1193 A67-20253
Materials problems in
satellites. 10 p1670 A67-23740
- FRANKEL, R. B.**
Fe super 1 super plus and Fe super 2
super plus hyperfine fields in MgO and
CaO. 20 p3506 A67-36211
- FRANKEN, P. A.**
Airborne investigations of clear air
turbulence with laser

- radars. 04 p0650 A67-15304
- FRANKENTHAL, S.**
Series-excited explosively-driven MHD generator. 12 p1901 A67-25896
Space and time variations in outer-belt electron spectra. 22 p3873 A67-39822
- FRANKEVICH, E. L.**
The nature of a new effect of a change in the photoconductivity of organic semiconductors in a magnetic field. 03 p0501 A67-14369
- FRANKL, D. R.**
Theory of the small-signal photovoltage at semiconductor surfaces. 06 p1047 A67-17600
Electrical properties of semiconductor surfaces. 21 p3682 A67-38365
- FRANKLAND, H. G.**
Split-pin multilayer interconnections. 16 p2642 A67-31919
Power supply without hookup cables for manned lunar vehicle. 21 p3571 A67-38337
- FRANKLE, J.**
Threshold performance of analog FM demodulators. 06 p0969 A67-18107
- FRANKLIN, C. A.**
The Alouette II topside ionospheric sounder. 21 p3583 A67-38636
- FRANKLIN, D. L.**
Blood flow in mesenteric artery of chimpanzee, monitored via radio telemetry. 22 p3751 A67-39603
- FRANKLIN, F. A.**
Determination of the densities of individual meteoritic, glacial, and volcanic spherules. 14 p2390 A67-28886
Two-color photoelectric photometry of the earth-shine. 15 p2477 A67-29626
- FRANKLIN, G. F.**
Design of piecewise-linear switching functions for relay control systems. 24 p4135 A67-42179
- FRANKLIN, H. G.**
Membrane solution of the spirally corrugated shell. 06 p1110 A67-18856
- FRANKLIN, J. A.**
Lateral-directional flying qualities for power approach. [AIAA PAPER 67-577] 19 p3175 A67-35972
- FRANKLIN, J. N.**
The calculation of Fourier Integrals. 02 p0258 A67-11557
- FRANKLIN, R. N.**
Dispersion and damping of electron plasma waves. 11 p1837 A67-24401
- FRANKOVIC, B.**
Bang-bang control for feedback systems /Bang-bang riadenie pre sustavy so spaetnyml vaezbami/. 05 p0784 A67-18854
- FRANKS, D. E.**
A comparison of cooldown time between internally coated and uncoated propellant lines. 13 p2229 A67-27664
- FRANKS, H. E.**
Some energy problems in laser welding. 09 p1504 A67-22138
- FRANKS, J.**
Preparation and characteristics of gallium arsenide. 10 p1692 A67-23512
- FRANKS, R. K.**
Magnesium as a donor impurity in silicon. 20 p3510 A67-36916
- FRANKS, R. W.**
The management of telemetry systems for major flight test programs. 14 p2272 A67-28698
- FRANTA, A. L.**
System design of scientific satellites as a dynamic process. 01 p0156 A67-11415
The electronic checkout and integration of Orbiting Geophysical Observatory experiments. 16 p2654 A67-30639
- FRANTSESSON, A. V.**
Reflex multi-cavity solid-state masers containing the active material in all the cavities. 20 p3462 A67-37328
A three-cavity solid-state maser at a wavelength of 21 cm. 20 p3462 A67-37329
- FRANZGROTE, E.**
Instrument for lunar surface chemical analysis. [JPL-TR-32-1065] 05 p0805 A67-16463
Chemical analysis experiment for the Surveyor lunar mission. [JPL-TR-32-1090] 08 p1411 A67-20946
- FRAREY, J. L.**
Sonic analysis for turbine engines. 01 p0076 A67-11141
- FRASER, D. A.**
Limitation of discharge current in constricting apertures. 19 p3278 A67-35127
- FRASER, D. C.**
A formula for updating the determinant of the covariance matrix. 15 p2512 A67-30213
- FRASER, R. S.**
Effect of specular ground reflection on radiation leaving top of a planetary atmosphere. [AIAA PAPER 65-664] 03 p0411 A67-13044
- FRASER, R. W.**
Dispersion-strengthened nickel by compaction and rolling of powder produced by pressure hydrometallurgy. 01 p0097 A67-10697
- FRATER, D. J.**
Instrumentation for the CL-84 V-STOL aircraft. 01 p0073 A67-11120
- FRAY, S.**
Photon-counting distributions of modulated laser beams. 07 p1197 A67-20125
- FRAZER, A. H.**
Aromatic poly-1, 3, 4-oxadiazole fibers. 21 p3648 A67-37877
- FRAZIER, E. N.**
An observational study of the hydrodynamics of the lower solar photosphere. 03 p0511 A67-13650
- FRAZIER, G. T.**
Aerodynamic considerations for engine exhaust design for subsonic high-bypass fan engines. [SAE PAPER 660734] 01 p0140 A67-10634
- FRAZIER, M.**
Automatic design of optimum Atlas-Agena vehicle trajectories. 15 p2514 A67-29602
- FRECHE, J. C.**
A high strength nickel-base alloy with improved oxidation resistance up to 2200 deg F. [ASME PAPER 67-GT-1] 11 p1808 A67-24789
Application of a double linear damage rule to cumulative fatigue. 24 p4170 A67-41951
- FRECHETTE, F. J.**
Whisker-reinforced plastics. 05 p0832 A67-16167
- FRECHETTE, V. D.**
Stress distribution in multiphase systems. I. 24 p4175 A67-42374
- FRECK, D. V.**
Equilibrium and non-equilibrium electrical conductivity of seeded combustion products. 18 p3085 A67-33706
- FREDEN, S. C.**
Precipitation of 400-kev electrons in the auroral zone. 03 p0410 A67-12952
Inner-zone electrons in 1964 and 1965. 13 p2191 A67-26324
- FREDERICK, C. L.**
Far-infrared surveys of the sky. 17 p2952 A67-33362
- FREDERICK, C. O.**
Cyclic loading of a tube with creep, plasticity, and thermal effects. 12 p2016 A67-25424
- FREDERICK, D.**
Model studies of wind loads on flat-top cylinders. 20 p3421 A67-36781
- FREDERICK, D. K.**
Design of piecewise-linear switching functions for relay control systems. 24 p4135 A67-42179
- FREDERICKSON, A. R.**
Transient ionization effects in silicon induced by 48 Mev electron pulses. 04 p0685 A67-15695
- FREDERICKSON, G. O.**
Orbital experimentation for advancing cryogenic technology. [AIAA PAPER 67-454] 18 p3110 A67-33928
- FREDERIKSE, H. P. R.**
Experimental evidence concerning the conduction band of SrTiO sub 3. 06 p1059 A67-18906
Shubnikov-de Haas effect in SrTiO sub 3. 18 p3104 A67-34592
Superconductive properties of ceramic mixed titanates. 19 p3302 A67-35037
Hall mobility in SrTiO sub 3. 22 p3863 A67-40002
- FREDERIKSEN, K. A.**
New developments in aerospace quality control. 05 p0812 A67-17244
- FREDRICKS, R. W.**
Magnetodynamically induced ambiguity in the data from tilted, spinning fluxgate magnetometers - Possible application to IMP 1. 07 p1182 A67-19943
Production of superthermal electrons by electrostatic plasma oscillations. 15 p2528 A67-29569
- FREDRICKSEN, H.**
The cyclotomic numbers of order eighteen with applications to difference sets. 13 p2146 A67-26735
- FREDRICKSON, A. G.**
Optimal and dynamic characteristics of a continuous photosynthetic algal gas exchanger. 02 p0186 A67-11861
Statistics and dynamics of microbial cell populations. 05 p0757 A67-17156
Continuous synchronous culture of photosynthetic micro-organisms. 19 p3177 A67-34913
- FREDRIKSEN, T. R.**
New developments and applications of the closed-loop stepping motor. 21 p3570 A67-37787
- FREDRIKSSON, K.**
Impact glass in the Cachari eucrite. 24 p4233 A67-42623
The Shaw meteorite. 24 p4234 A67-42624
- FREE, B. A.**
Low-I sub SP electric propulsion with plasma separator. 04 p0687 A67-14428
Comparative performance of thrusters for solar electric spacecraft. 06 p1074 A67-18276
Plasma separator thruster. [AIAA PAPER 66-598] 22 p3868 A67-40064
- FREED, C.**
Stability measurements of CO sub 2 -N sub 2 -He lasers at 10.6 mu m wavelength. 15 p2499 A67-29732
- FREED, C. N.**
Effect of side grooving on measurements of plane-strain fracture toughness. 05 p0922 A67-17066
- FREEDHOFF, H.**
Theory of coherent resonant absorption and emission at infrared and optical frequencies. 15 p2519 A67-29190
- FREEDMAN, A. H.**
Recrystallization behavior and brazing of the TZM molybdenum alloy. 19 p3234 A67-34793
Brazing alloys and techniques for tantalum honeycomb structures. 20 p3456 A67-37696
- FREEDMAN, M. S.**
Large volume degausser with gradient compensation. 15 p2517 A67-29491
- FREEDMAN, S. I.**
Thermoelectric power generation. 01 p0013 A67-10555
Nuclear Brayton cycle powerplants for space applications. 24 p4186 A67-42550
- FREEDMAN, S. J.**
Parametric amplification and oscillations in structured superconducting tin films. 03 p0496 A67-13568
- FREEMAN, D. M.**
Receivers and transmitters. 04 p0590 A67-15727
- FREEMAN, E. A.**
Dynamic analysis of nonlinear control systems. 05 p0785 A67-17301
- FREEMAN, E. S.**
The effects of aluminum fluoride on the combustion of aluminum in the presence of potassium perchlorate and oxygen. 07 p1238 A67-19070
- FREEMAN, H.**
On searching a contour map for a given terrain elevation profile. 19 p3232 A67-35928
- FREEMAN, J. H.**
Resins and reinforced plastic laminates for continuous use at 650 deg F. III. 22 p3825 A67-39853
- FREEMAN, J. W., JR.**
An observation of transient variations in the magnetospheric boundary position. 13 p2109 A67-26328
- FREEMAN, M. P.**
Measurement of the drift velocities of nitrogen ions from the jet of a plasma burner /Messung der Driftgeschwindigkeiten von Stickstoffionen aus dem Strahl eines Plasmabrenners/. 19 p3271 A67-35075
Chemical synthesis in streaming plasmas. 21 p3578 A67-38393
- FREEMAN, N. C.**
Solution of the Boltzmann equation for expanding flows. 19 p3212 A67-35764
- FREEMAN, N. J.**
Torsion of a cylindrical rod welded to an elastic half space. [ASME PAPER 67-APM-30] 17 p2965 A67-33156
- FREEMAN, R. F.**
Polymeric applications for the Mariner Mars, 1964 spacecraft. [JPL-TR-32-1031] 19 p3334 A67-35889
- FREEMAN, W. B.**
Special grade RDX for exploding bridge wire initiators. 14 p2377 A67-28955

- FREIBERG, R. J.**
Effects of laser upon the electron gas and excited-state populations in xenon discharges. 08 p1338 A67-21306
- FREIBRUN, R. A.**
Fresnel diffraction patterns of an array of circular apertures. 22 p3835 A67-39235
- FREIDBERG, J. P.**
Nonlinear plasma waves. 08 p1364 A67-21398
I. Nonlinear plasma waves. 08 p1364 A67-21399
II. Utilization of the refractive index surfaces to evaluate Cerenkov radiation in an infinite magnetoplasma. 18 p3090 A67-34428
- FREIDLIN, M. I.**
Statement of boundary-value problems for degenerated elliptic equations /O postanovke granichnykh zadach dlia vyrozhdalushchikhsia ellipticheskikh uravnenii/. 01 p0105 A67-10678
Elliptical equations in unbounded regions /Ob ellipticheskikh uravneniakh v neogranichennykh oblastakh/. 11 p1814 A67-24852
- FREIDMAN, G. I.**
Width of the angular and frequency spectrum of the emission of a laser with a nonlinear absorber /O shirine uglovogo i chastotnogo spektra izlucheniia okg s nelineinym poglotitelem/. 02 p0251 A67-11573
- FREIESLEBEN, H. C.**
Navigation systems based on artificial satellites /Navigation mittels kuenstlicher Satelliten/. 03 p0465 A67-13025
Automated determination of the position of ships by satellites. 19 p3254 A67-35310
- FREIMANIS, I. A. F.**
Spectroscopic investigations of the intermolecular association in several organic semiconductors /Spektroskopicheskie issledovaniia mezhmolekuliarnoi assotsiatsii v nekotorykh organicheskikh poluprovodnikakh/. 20 p3512 A67-37301
- FREIRE, G. F.**
Radiation from an electric dipole immersed in a lossy anisotropic plasma. 16 p2713 A67-30797
- FREISINGER, J.**
A mercury ion propulsion system. 02 p0305 A67-12338
Optimization of the Glessen ion engine /Zur Optimierung des Glessener Ionentrieblwerkes/. 03 p0503 A67-13493
- FREIWALD, D. A.**
Propagation of plasmoids at high pressures. 21 p3674 A67-38771
- FREMOUW, E.**
Two lunar occultations of the Crab Nebula. 10 p1705 A67-22941
- FREMOUW, E. J.**
Radio-star scintillations and spread F in the auroral zone. 15 p2482 A67-30289
[AGARDOGRAPH 95]
The scale size of scintillation-producing irregularities in the auroral ionosphere. 22 p3789 A67-39470
Interferometer phase and amplitude measurements for determining coherence ratio and wavefront correlation. 23 p3974 A67-41197
- FRENCH, B. M.**
Sudbury structure, Ontario - Some petrographic evidence for origin by meteorite impact. 15 p2473 A67-29158
- FRENCH, B. O.**
Appraisal of Apollo launch noise. 18 p2996 A67-34718
- FRENCH, F. W.**
A synthetic aperture approach to space-based radio telescopes. [AIAA PAPER 66-886] 02 p0221 A67-12265
- FRENCH, J. B.**
Progress in developing high energy nozzle beams. 14 p2301 A67-28187
A time-to-flight velocity analyzer using metastable molecules. 14 p2316 A67-28193
- FRENCH, J. C.**
A survey of second breakdown. 02 p0222 A67-12648
- FRENCH, J. M.**
Frequency stabilization of the FM laser. 19 p3240 A67-35622
- FRENCH, J. R.**
A facility for testing rocket engines and flow system components in liquid fluorine. 17 p2832 A67-32012
- FRENCH, K. E.**
Ascent trajectory of a superpressure balloon. 24 p4095 A67-42927
- FRENCH, R. A.**
Type-1 superconductivity in molybdenum. 16 p2726 A67-30812
- FRENKEL, G.**
Carrier-tracking loops in binary coherent communications systems. 15 p2436 A67-29591
- FRENKEL, L.**
A note on the possible contribution of dielectric relaxation in gases to the microwave opacity of the Cytherean atmosphere. 08 p1401 A67-21372
Absolute frequency measurement and spectroscopy of gas laser transitions in the far infrared. 11 p1802 A67-24830
Microwave method for planetary atmosphere research. 12 p1946 A67-25986
Harmonic mixing and the heterodyne detection of laser radiation. 19 p3240 A67-35623
- FRENKIEL, F. N.**
Space-time correlations in turbulence. 11 p1790 A67-24541
Higher-order correlations in a turbulent field. 13 p2092 A67-26278
Correlation measurement in a turbulent flow using high-speed computing methods. 22 p3783 A67-39704
- FRENKINA, I. P.**
Solution of the thermoelasticity problem and construction of a computational algorithm /Ob odnom metode reshenia zadachi termoprugosti i postroeniia algoritma scheta/. 05 p0914 A67-16196
- FREON, A.**
Evolution of the recurrent variations of cosmic radiation during the solar cycle /Evolution des variations recurrentes du rayonnement cosmique au cours du cycle solaire/. 04 p0691 A67-14417
An improved high-counting-rate balloon-borne particle detector. 04 p0621 A67-14899
- FRESH, D. L.**
Microelectronics using tantalum film technology. 02 p0218 A67-12107
- FREUD, G.**
On rational approximation. 14 p2345 A67-28939
Strong approximation by means of differentiated series of approximating polynomials /Ueber starke Approximation durch differenzierte Folgen von approximierenden Polynomen/. 14 p2345 A67-28940
- FREUD, P. J.**
Method for measuring pressure dependence of thermal conductivity of gases. 09 p1499 A67-22424
High pressure as a research tool for solid-state physics. 11 p1846 A67-24618
- FREUDENTHAL, A. M.**
Deformation and failure analysis of reinforced grains. 08 p1420 A67-20888
The material aspect of reliability. 10 p1718 A67-23433
On fatigue failure of a multiple-load-path redundant structure. 16 p2774 A67-31319
Effects of mean pressure on the behavior of a filled elastomer. 18 p3142 A67-33891
[SESA PAPER 1224]
Effects of mean pressure on the behavior of a filled elastomer. 19 p3340 A67-35465
Creep behavior of an aluminum alloy under transient temperatures. 21 p3643 A67-38019
- FREUND, I.**
Second-harmonic generation in liquid crystals. 09 p1517 A67-22680
- FREY, E. J.**
A study of satellite altimetry for geophysical and oceanographic measurement. 16 p2742 A67-30688
Application of inertial technology to atmospheric measurements. 23 p4026 A67-41444
- FREY, F. A.**
Meteoritic, solar and terrestrial rare-earth distributions. 10 p1651 A67-23428
- FREY, H. E.**
Ionizing radiation and bacteria - Nature of the effect of irradiated medium. 13 p2059 A67-26867
- FREY, J.**
Contribution to the derivation of a new kinetic equation /Contribution a l'etablissement d'une nouvelle equation cinetique/. 17 p2883 A67-32290
- FREY, M.**
Recent methods in the investigation of propellants. III /Ueber neuere Verfahren in der Treibmitteluntersuchung. III/. 15 p2543 A67-29889
- FREY, T.**
Fixed-point theorems for iterations with variable operators /Fixpunktsaetze fuer Iterationen mit veranderlichen Operatoren/. 14 p2345 A67-28937
- FREY, W. J.**
Mechanical properties of selected glass-crystal composites. 11 p1811 A67-24842
- FREYHARDT, H.**
Dependence of the superconducting behavior of niobium crystals under torsion on the sample diameter /Abhaengigkeit des Supraleitverhaltens tordierter Niobinkristalle vom Probendurchmesser/. 07 p1209 A67-19646
- FREYHEIT, P. J.**
Admittance of a plasma-covered cylindrical antenna. 09 p1481 A67-22447
- FREYMUTH, P.**
Effect of density gradient on development of wakes. 02 p0179 A67-12356
Feedback control theory for constant-temperature hot-wire anemometers. 14 p2320 A67-28750
- FREYRE, O. L.**
Materials in airlift technology. 20 p3471 A67-37533
- FRIC, C.**
Carrier wave analog multipliers - Their applications /Multipliqueurs analogiques a ondes porteuses - Leurs applications/. 04 p0581 A67-14892
- FRICKE, H.**
Electrical Communications Techniques. Part 2 - High-Frequency Techniques /Elektrische Nachrichtentechnik. Part 2-Hochfrequenztechnik/. 21 p3597 A67-38532
- FRICKE, J.**
Pressure-regulated Fabry-Perot interferometer /Ein druckreguliertes Fabry-Perot-Interferometer/. 22 p3810 A67-40522
Optical pumping on Cs super 133 by means of a new transmission technique /Optisches Pumpen an Cs super 133 unter Anwendung einer neuen Nachweismethode/. 23 p4016 A67-41291
- FRICKEN, R. L.**
Multiple meson production by heavy primary nuclei of cosmic origin and their fragmentation products at energies above 10 super 12 ev. 20 p3518 A67-37092
- FRICKER, P. E.**
On the thermal history of the moon. 14 p2390 A67-28888
- FRIDAY, E. W.**
Analysis of density data reduced from low-altitude, high resolution satellite tracking data. 10 p1640 A67-23216
- FRIDBERG, P. SH.**
Slot couplings of rectangular one-mode waveguides - Equivalent circuits and lumped parameters. 03 p0385 A67-13952
Slot couplers of rectangular one-mode waveguides - Numerical results. 05 p0775 A67-16957
- FRIDKIN, V. M.**
Phase boundary in ferroelectric SbSI as the analog of an electric domain in a semiconductor. 06 p1047 A67-17758
- FRIDLAND, V. IA.**
Effect of vortex generators on the aerodynamic characteristics of a wing and a body of revolution /Vliianie vikhreobrazovatelei na aerodinamicheskie kharakteristiki kryla i tela vrashcheniia/. 17 p2792 A67-32904
Objective information sources for automatic flow-condition indicators /Ob'ektivnye istochniki informatsii dlia avtomaticheskikh signalizatorov rezhimov obtekanii/. 17 p2792 A67-32908
- FRIDLANDER, N. A.**
Use of variational methods in problems of heat transfer /Primenenie variatsionnykh metodov v zadachakh teploobmena/. 17 p2972 A67-33069
- FRIDLANDER, O. G.**
Locally Maxwellian solutions of Boltzmann's equation. 03 p0459 A67-13632
- FRIDLAND, IU. S.**
A method for the approximation of functions on an analog computer. 05 p0768 A67-16264
- FRIDLANDER, I. N.**
The mechanical properties of welded compositions of some aluminum alloys at low temperatures /Mekhanicheskie svoystva svarnykh soedinenii nekotorykh aluminievnykh splavov pri nizkikh temperaturakh/. 17 p2873 A67-32769
Low-temperature mechanical properties of certain deformable aluminum alloys /Mekhanicheskie svoystva nekotorykh

aluminievyykh deformiruemyykh splavov pri nizkikh temperaturakh/. 24 p4170 A67-41923

FRIDMAN, A. M.
Drift waves in a finite-pressure plasma /Dreifovye volny v plazme konechnogo davleniya/. 05 p0852 A67-16693

Damping of plasma oscillations in a magnetic field /O zatukhanii plazmennyykh kolebaniy v magnitnom pole/. 11 p1842 A67-24965

Drift waves in a finite-pressure plasma. 15 p2530 A67-29864

FRIDMAN, G. KH.
The obtaining of holograms of three-dimensional objects /Poluchenie gologramm trekhmernyykh ob'ektov/. 15 p2489 A67-30077

FRIDMAN, I. A. B.
Discussion on methods of estimating the tendency of metals and alloys toward brittle failure - Method of estimating the critical length of a crack in a single loading. 08 p1342 A67-21176

Analysis of cracks as a method of estimating failure characteristics. 09 p1575 A67-22166

FRIDMAN, I. U. S.
Parametrization of TV images of cloudiness on electronic digital computers /Parametrizatsiya televizionnykh izobrazheniy oblachnosti na elektronnykh tsifrovyykh vychislitel'nykh mashinakh/. 18 p3073 A67-33561

Study of the internal variability of the atmospheric aerosol /Issledovanie vnutrimassovoi izmenchivosti atmosfernogo aerizola/. 18 p3073 A67-33562

FRIDMAN, L. I.
Plastic strains in the case of repeated nonuniform heating /Plasticheskie deformatsii pri mnogokratnykh neravnomernyykh nagrevakh/. 03 p0527 A67-14072

Stresses during longitudinal oscillations of a straight rod produced by an end load /Napriazheniya pri prodol'nykh kolebaniyakh priamogo sterzhnia, vyzvannykh siloi na kontse/. 19 p3338 A67-34879

FRIDMAN, V. I.
High-frequency electrodeless plasmatron for atmospheric pressure /Vysokochastotnyi bezelektroodnyi plazmatron pri atmosfernom davlenii/. 17 p2897 A67-32175

FRIDMAN, V. M.
Concerning the distribution of rotational energy levels of molecules excited by ion impact. 06 p1035 A67-17877

FRIDMAN, Z. G.
Study of the heat resistance of the titanium alloy AT3 after ordinary and mechanothermal treatment /Issledovanie zharoprochnosti titanovogo splava AT3 posle obychnoi i mekhaniko-termicheskoi obrabotki/. 07 p1206 A67-19284

Mechanical properties and heat resistance of the ST1 titanium alloy in relation to heat treatment /Mekhanicheskie i zharoprochnye svoystva titanovogo splava ST1 v zavisimosti ot termicheskoi obrabotki/. 07 p1207 A67-19289

FRIDRIKHOV, S. A.
Gas laser in a magnetic field /Gazovyi lazer v magnitnom pole/. 06 p1011 A67-18168

Some peculiarities in the He-Ne laser performance in the pulsed regime /O nekotorykh osobennostyakh raboty He-Ne lazera v impul'snom rezhime/. 06 p1012 A67-18784

Some features of pulsed operation of a He-Ne laser. 18 p3059 A67-33726

Investigation of plasma-optical effects in a laser at 0.63, 1.15, and 3.39 μ /Issledovanie plazmenno-opticheskikh effektiv v lazere na dlinakh voln 0.63, 1.15 i 3.39 μ /. 18 p3060 A67-34038

Investigation of the influence of a longitudinal magnetic field on the operation of a He-Ne laser in a pulsed regime /Issledovanie vliyaniya prodol'nogo magnitnogo polya na rabotu He-Ne lazera v impul'snom rezhime/. 18 p3061 A67-34043

Gas laser in a magnetic field. 20 p3462 A67-37591

Relationship between electron density and output power in a He-Ne laser. 22 p3814 A67-39428

FRIE, W.
Calculation of the gas composition and the material functions of SF sub 6 /Berechnung der Gaszusammensetzung und der Materialfunktionen von SF sub 6/. 15 p2543 A67-29090

6/. 15 p2543 A67-29090

6/. 15 p2543 A67-29090

6/. 15 p2543 A67-29090

6/. 15 p2543 A67-29090

6/. 15 p2543 A67-29090

6/. 15 p2543 A67-29090

FRIED, B. D.
Scaling law for MHD acceleration. 05 p0856 A67-17365

Kinetic equation for an unstable plasma in parallel electric and magnetic fields. 08 p1380 A67-21127

FRIED, D. L.
Limiting resolution looking down through the atmosphere. 01 p0109 A67-11080

Propagation of an infinite plane wave in a randomly inhomogeneous medium. 06 p1033 A67-18537

Heterodyne and photon-counting receivers for optical communications. 07 p1185 A67-19398

Optical heterodyne detection of an atmospherically distorted signal wave front. 07 p1144 A67-19786

Aperture averaging of scintillation. 10 p1603 A67-22711

Propagation of a spherical wave in a turbulent medium. 10 p1678 A67-22712

Laser-beam scintillation in the atmosphere. 10 p1603 A67-22713

Atmospheric modulation noise in an optical heterodyne receiver. 16 p2630 A67-31807

Measurements of laser-beam scintillation in the atmosphere. 16 p2686 A67-31879

Scintillation of a ground-to-space laser illuminator. 20 p3383 A67-37023

The effect of atmospheric scintillation on an optical data channel-laser radar and binary communications. 23 p3975 A67-41266

FRIED, E.
Thermal conductance of metallic contacts in a vacuum. 03 p0534 A67-13067

[AIAA PAPER 65-661] Orbiting space laboratories - The next generation test facility. 24 p4243 A67-42968

FRIED, H.
V-STOL aircraft structural considerations. [SAE PAPER 660668] 04 p0552 A67-15784

FRIED, Z.
Electron interference effects induced by laser light. 20 p3460 A67-36999

FRIEDEL, H.
Performance studies of plasma accelerators. 02 p0274 A67-12337

FRIEDEL, J.
Remarks on the electronic structure of irradiation defects in covalent solids /Remarques sur la structure electronique des defauts d'irradiation dans les solides covalents/. 19 p3306 A67-35673

Strong-coupling superconductivity in V sub 3 X type of compounds. 24 p4205 A67-42738

FRIEDEMANN, CHR.
Interpretation of the wavelength dependence of interstellar extinction /Zur Deutung der Wellenlaengenabhaengigkeit der interstellaren Extinktion/. 22 p3889 A67-40304

FRIEDERICH, J.
Pressure sensor for measuring the pressure distribution in a parachute canopy /Ein Druckaufnehmer zur Messung der Druckverteilung in Fallschirmkappen/. 06 p1002 A67-18021

FRIEDLAND, A. B.
Trapped radiation shells and cosmic-ray cutoffs in models of the magnetosphere. 11 p1855 A67-23929

FRIEDLAND, B.
Quasi-optimum control for minimum-time rendezvous. 01 p0111 A67-11212

Quasi-optimum control of a flexible booster. 04 p0706 A67-15422

Design of optimum mixer-filter for aircraft navigation systems. 17 p2825 A67-32525

On solutions of the Riccati equation in optimization problems. 19 p3249 A67-34781

Quasi-optimum three-axis control of a space vehicle. 22 p3899 A67-39190

FRIEDLANDER, F. G.
On an improperly posed characteristic initial value problem. 13 p2147 A67-27180

FRIEDLANDER, M. W.
Tracks of cosmic rays in plastics. 06 p1076 A67-17641

An apparently high flux of primary cosmic-ray He-nuclei at 41 deg N mag. 17 p2939 A67-33237

FRIEDLANDER, S.
Silicon solar cells for near-sun missions. 23 p3937 A67-41490

FRIEDLY, J. C.
Influence of combustion parameters on instability in solid propellant motors. II - Nonlinear analysis. 01 p0141 A67-11158

01 p0141 A67-11158

01 p0141 A67-11158

01 p0141 A67-11158

01 p0141 A67-11158

FRIEDMAN, A.
Optimal control for parabolic equations. 17 p2877 A67-32559

The initial value problem for the linearized equations of water waves. 19 p3210 A67-35703

FRIEDMAN, D. M.
Ballistic integrators. 01 p0076 A67-11140

FRIEDMAN, E.
A tensile failure mechanism for whisker reinforced composites. 08 p1344 A67-20421

FRIEDMAN, H.
Observations of cosmic X-ray sources. 12 p1994 A67-25760

Distribution and variability of cosmic X-ray sources. 12 p1999 A67-26172

Space sciences. 13 p2206 A67-27510

Solar X-ray spectrum from 1.9 to 25 angstrom units. 17 p2937 A67-32650

X-ray emission associated with the proton flare of 7 July 1966. 19 p3313 A67-35218

X-rays from sources 3C 273 and M 87. 23 p4061 A67-41473

FRIEDMAN, H. W.
Singularities of the two-fluid plasma equations and their relation to boundary conditions. 21 p3661 A67-37744

FRIEDMAN, J. D.
Lunar ground data required for interpretation of AES orbital experiments. 08 p1392 A67-21078

FRIEDMAN, M.
Ion heating in a turbulent plasma. 20 p3497 A67-36531

FRIEDMAN, R.
Experimental techniques for solid propellant combustion research. 06 p1072 A67-18271

Experimental techniques for solid-propellant combustion research. [AIAA PAPER 67-67] 15 p2545 A67-30187

FRIEDRICH, K.
Determination of oxygen, hydrogen, and nitrogen in high-melting-point metals. I /Zur Bestimmung von Sauerstoff, Wasserstoff und Stickstoff in hochschmelzenden Metallen. I/. 20 p3467 A67-37120

Determination of oxygen, hydrogen, and nitrogen in high-melting-point metals. II /Zur Bestimmung von Sauerstoff, Wasserstoff und Stickstoff in hochschmelzenden Metallen. II/. 20 p3467 A67-37121

FRIEDRICH, O. M., JR.
Comparison of numerical calculations and measured space-time resolved plasma properties of a dynamical theta pinch. [AIAA PAPER 66-151] 04 p0664 A67-14822

Mach-Zehnder optical interferometry of laser induced discharges in high pressure gases. 15 p2488 A67-29903

Investigation of strong blast waves and the dynamics of laser induced plasmas in high pressure gases. [AIAA PAPER 67-696] 21 p3672 A67-38725

FRIEDMAN, E. A.
Stabilization of drift waves by shear. 16 p2718 A67-31228

The present state of plasma kinetic theory. 20 p3495 A67-36154

FRIED, E.
Meteoroids and measurements. [AIAA PAPER 67-152] 06 p1085 A67-18291

Ion engine spacecraft design study and mission analysis. [AIAA PAPER 67-87] 06 p1074 A67-18342

FRIED, L.
New concepts for telemetry converters. 02 p0196 A67-12006

FRIESEM, A. A.
Multicolor wavefront reconstruction. 10 p1653 A67-22749

Recording parameters of spatially modulated coherent wavefronts. 13 p2129 A67-27351

Effects of film nonlinearities in holography. 23 p4002 A67-41269

FRIESS, W.
Experience with the automatic aircraft-noise monitoring equipment at the Frankfurt airport /Erfahrungen mit der automatischen Fluglaermuederwachungsanlage des Flughafens Frankfurt/Main/. 09 p1484 A67-21941

FRIHAGEN, J.
A note on high-latitude spread F. [AGARDOGRAPH 95] 15 p2481 A67-30280

FRIICHTENICHT, J. F.
Ion engine arcing induced by micrometeoroids. [AIAA PAPER 66-205] 02 p0302 A67-11936

02 p0302 A67-11936

02 p0302 A67-11936

02 p0302 A67-11936

02 p0302 A67-11936

02 p0302 A67-11936

02 p0302 A67-11936

02 p0302 A67-11936

- Ionization probability of iron particles at meteoric velocities. 08 p1399 A67-21241
An estimate of the near-earth meteor flux. 19 p3319 A67-35217
- FRICK, M.**
Time-optimum control of the alignment process of gyrocompasses /Zeitoptimale Steuerung des Einstellvorganges bei Kreiselkompassen/. 07 p1186 A67-19629
- FRISCH, H.**
Influence of dissipation on the temperature of the lower chromosphere /Influence de la dissipation sur la temperature de la basse chromosphere/. 18 p3125 A67-34192
- FRISCH, H. L.**
Longitudinal modes in magnetized nonuniform plasma columns. 08 p1361 A67-21131
High-temperature equation of state - Argon. 08 p1355 A67-21255
Chemical influence of holes and electrons on dislocation velocity in semiconductors. 13 p2184 A67-27692
- FRISCH, J.**
Strain gage dynamometer performance in ultra high vacuum. [SESA PAPER 1209] 18 p3142 A67-33896
- FRISCH, U.**
Wave propagation in a random medium and stochastic equations. I /La propagation des ondes en milieu aleatoire et les equations stochastiques. I/. 06 p1032 A67-18101
Wave propagation in random media and stochastic equations. II /La propagation des ondes en milieu aleatoire et les equations stochastiques. II/. 19 p3261 A67-35507
- FRISHMAN, F.**
Study of the interaction between two rectangular parallel jets /Issledovanie vzaimodeistviya dvukh priamougol'nykh parallel'nykh strui/. 07 p1167 A67-19151
- FRITH, P. H.**
Influence of the inclusions and distribution of carbides on the fatigue behavior of steels prepared by various techniques /Influence des inclusions et de la repartition des carbures sur le comportement a la fatigue des aciers elabores de diverses manieres/. 20 p3464 A67-36478
- FRITSCHEN, L. J.**
A sensitive cup-type anemometer. 21 p3628 A67-38581
- FRITSMAN, Z. G.**
Mechanico-thermal treatment as an effective method of increasing the high-temperature strength of metals and alloys. 19 p3247 A67-35852
- FRITZ, G.**
Solar X-ray spectrum from 1.9 to 25 angstrom units. 17 p2937 A67-32650
- FRITZ, J.**
Analog simulation of the electromagnetic radiation from an antenna of revolution in a vacuum and in a plasma by means of a network /Simulation analogique du rayonnement electromagnetique d'une antenne de revolution dans le vide puis dans un plasma a l'aide d'un reseau/. 23 p3977 A67-40578
- FRITZLER, D.**
Pulsed hologram formation of diffusely reflecting objects. 19 p3233 A67-36102
- FRITZOVA-SVESTKOVA, L.**
Type IV bursts. II. 03 p0507 A67-13812
Electron density in flares. 19 p3314 A67-35438
Electron density in flares. 19 p3314 A67-35439
- FRITZSCHE, H.**
Design features for a high-velocity test stand with an arc heater and an MHD accelerator for reentry simulation /Auslegungskriterien fuer eine Hochgeschwindigkeit-Versuchsanlage mit Plasmabrenner und MHD-Beschleuniger zur Simulation des Wiedereintritts in die Erdatmosphaere/. 04 p0595 A67-14543
- FRÖHLICH, H.**
New methods for controllability studies /Neuere Methoden fuer die Steuerbarkeitsuntersuchungen/. 18 p2993 A67-33457
Some results of the development of the passive magnetic attitude control system for the German research satellite 625 A-1. 22 p3898 A67-39173
- FRÖHLICH, H. R.**
Time dependence of the power output at 119 mu in a water vapor laser. 11 p1801 A67-24728
- FRÖHLICH, H.-J.**
Design of liquid-hydrogen-cooled ruby maser for the X band /Ueber den Aufbau eines Rubin-Masers fuer das X-Band mit fluessigem Wasserstoff als Kuehlmittel/. 07 p1194 A67-19131
- FRÖHLICH, C.**
Holographic study of the second harmonic of the wave emitted by a ruby laser /Etude holographique du second harmonique de l'onde emise par un laser a rubis/. 05 p0808 A67-17322
- FRÖHLICH, C. R.**
Boundary shear stress in turbulent boundary layers on smooth boundaries. 06 p0990 A67-18751
- FRÖHLICH, B.**
Correlation in numerical calculation /Correlation sur calculatrice numerique/. 06 p0965 A67-17587
- FRÖHLY, C.**
Superposition of configuration results for oxygen. 06 p1034 A67-17647
- FRÖGEL, J. A.**
The linear star model and dynamical instability. 12 p2011 A67-28253
- FRÖHBACH, L. A.**
A linear bridge for use with platinum resistance temperature sensors. 18 p3052 A67-34511
- FRÖHN, A.**
Measurements of concentration profiles in jets using Fizeau fringes. 05 p0794 A67-17371
Ion density profiles behind shock waves in air. [AIAA PAPER 67-94] 06 p1037 A67-18502
- FRÖIDEVAUX, C.**
Nuclear relaxation in superconducting niobium near the upper critical field. 21 p3684 A67-38563
- FRÖLING, R. O.**
Missile and space support. 22 p3781 A67-40342
- FRÖLOV, A. D.**
Investigation of the nonequilibrium conductivity of a plasma in an MHD generator /Issledovanie neravnovesnoi provodimosti plazmy v magnitogazodinamicheskoy generatore/. 16 p2601 A67-30552
- FRÖLOV, A. P.**
Group properties of the equations for a certain jet flow of ideal fluid /Gruppovye svoystva uravnenii odnogo struynogo potoka ideal'noi zhidkosti/. 20 p3422 A67-37063
- FRÖLOV, G. I.**
Concerning nucleation incident to pulse switching of thin films. 08 p1387 A67-20603
Quasi-equilibrium states in pulse switching of thin ferromagnetic films. 08 p1387 A67-20604
- FRÖLOV, K. V.**
The sommerfeld effect in a system with randomly varying natural frequency. 17 p2965 A67-33217
- FRÖLOV, O. S.**
Photoelectric characteristics of the capacitance of a surface varicap /Fotoelektricheskie kharakteristiki emkosti poverkhnostnogo varikap/. 07 p1152 A67-19591
Interpretation of the field effect in germanium and silicon /Ob interpretatsii effekta polya na germanii i kremnii/. 15 p2542 A67-30249
The photoelectric characteristics of the capacitance of a surface varicap. 20 p3401 A67-37330
- FRÖLOV, P. A.**
Stability region of complex self-conjugate systems of differential equations /Oblasti ustoychivosti kompleksnykh samosopriazhennykh sistem differentsial'nykh uravnenii/. 04 p0647 A67-15980
- FRÖLOV, S. D.**
Conducting gas flow in an annular channel with an axial magnetic field /Tehenie provodlashchego gaza v kol'tsevom kanale v prisutstviy osovogo magnitnogo polya/. 01 p0120 A67-10174
Flow of a gas-liquid mixture at constant phase-velocity difference in a geometric nozzle /O tehenii gazozhidkostnoi smesi v geometricheskoy sope s postoianno raznost'yu skorostei faz/. 15 p2472 A67-29777
- FRÖLOV, V. A.**
Electron-diffraction study of the structure of alloys of the Ge-Sn system in thin films /Elektronograficheskoe issledovanie stroenila splavov sistemy Ge-Sn v tonkikh plenkakh/. 17 p2920 A67-32891
- FRÖLOV, V. P.**
Plate with a round hole reinforced by a multicomponent ring or an elastic gasket /Plastinka s krugovym otverstiem, podkrepennym mnogokomponentnym kol'tsom ili uprugoi nakladkoi/. 01 p0158 A67-10222
- FROMHOLD, A. T., JR.**
Schottky emission as a rate-limiting factor in thermal oxidation of metals. 04 p0677 A67-14947
Kinetics of oxide film growth on metal crystals - Electron tunneling and ionic diffusion. 18 p3103 A67-34590
- FROMM, E.**
Solubility of carbon in molybdenum, tungsten, and rhenium /Die Loeslichkeit von Kohlenstoff in Molybdaen, Wolfram und Rhenium/. 03 p0439 A67-12845
Diffusion of carbon in the carbide phases of tantalum /Diffusion des Kohlenstoffs in den Karbidphasen des Tantals/. 04 p0636 A67-14908
Steady states in the annealing of niobium and tantalum in oxygen /Stationaere Zustaende beim Gluehen von Niob und Tantal in Sauerstoff/. 07 p1210 A67-20110
Effect of the partial pressure of oxygen and hydrogen vapors on the degassing of niobium and tantalum /Einfluss des Sauerstoff- und Wasserdampfpartialdruckes auf die Entgasung von Niob und Tantal/. 09 p1518 A67-22125
- FROMME, P. J.**
The Lunar Orbiter photographic system. [SMPT PAPER 101-46] 12 p1940 A67-25464
- FROMMHOLD, L.**
The reduction of noise and dark current in photomultiplier tubes by magnetic defocusing. [SRCC-43] 19 p3193 A67-35314
- FRONDEL, C.**
Meteorites - Optical activity in organic matter. 03 p0510 A67-13592
Roederite A new mineral from the Indarch meteorite. 07 p1255 A67-20012
- FROOD, D. G. H.**
Cerenkov radiation from fast charged particles in isotropic plasma. 14 p2357 A67-28204
- FROSCH, J. A.**
Saturn AS-501/S-IC flight control system design. 19 p3331 A67-34808
- FROST, A.**
An investigation of the effects of electromagnetic forces on the rotor-dynamic performance of a 15 kva gas-bearing Brayton cycle turboalternator. 24 p4102 A67-42487
- FROST, L. W.**
Resins and reinforced plastic laminates for continuous use at 650 deg F. 22 p3825 A67-39853
- FRÖST, M. A., III**
Anomaly observed in spectral data recorded on a hypersensitized film. 17 p2863 A67-33305
- FROST, N. E.**
Fatigue crack propagation in metals. 05 p0924 A67-17333
The growth of fatigue cracks. 16 p2774 A67-31317
Effect of a tensile mean stress on the alternating stress required to propagate an edge crack in mild steel. 23 p4079 A67-41344
- FROST, R. T.**
Representative astronomical experiments associated with manned earth orbital programs. 08 p1392 A67-21071
- FROST, W.**
Graphical estimation of nucleate boiling heat transfer. 17 p2966 A67-32033
An extension of the method for predicting incipient boiling on commercially finished surfaces. [ASME PAPER 67-HT-61] 20 p3549 A67-36743
- FROST, W. O.**
Telemetry system design for Saturn vehicles. 02 p0196 A67-12000
A compatible double sideband/single sideband/ constant bandwidth FM telemetry system for wideband data. 02 p0197 A67-12010
- FRUENGEL, F.**
Microscopy of time. I /Mikroskopie der Zeit. I/. 14 p2315 A67-27871
Microscopy of time. II /Mikroskopie der Zeit. II/. 14 p2319 A67-28585
Time microscopy. III /Mikroskopie der

- Zett. III/. 17 p2864 A67-33408
- FRUIN, J. H.**
Radio pulses from extensive air showers. 07 p1242 A67-19619
- FRUMKIN, B.**
System effectiveness through interchangeability. [AIAA PAPER 67-984] 24 p4166 A67-43056
- FRUSTACI, M.**
Visual acuity in hypoxia measured by symbols presented individually or combined /Comportamento del visus in ipossia, mlsurato con simboli ravvicinati e presentati singolarmente/. 21 p3575 A67-38507
- FRUTIGER, P.**
Noise in FM receivers with negative frequency feedback. I, II. 03 p0381 A67-13662
- FRY, B. L.**
Assessment of commercial VTOL aircraft with rotor or propeller lift systems. [AIAA PAPER 67-411] 15 p2422 A67-30378
- FRY, E. M.**
Measurements of contact coefficients of thermal conductance. [AIAA PAPER 65-662] 03 p0534 A67-13068
- FRY, J. F.**
Evaluation of a SET VIII thermionic generator. 24 p4103 A67-42499
- FRYE, G. M., JR.**
Reported cosmic gamma-ray source in Cygnus. 06 p1078 A67-18212
- FRYER, D. I.**
Effects of simulated weightlessness upon the cardiovascular system. 17 p2805 A67-31952
- FRYKMAN, R. W.**
Ghost balloons riding the skies will report the world's weather. 03 p0464 A67-14278
- FRYNTA, V.**
Influence of pitching during the passage of an aeroplane through a gust on the acceleration in its center of gravity /Vliv klopeného pohybu letounu při prúletu poryvem na velikost zrychlení tezíste letounu/. 09 p1440 A67-22473
- FU, J. S.**
Synthesis of active distributed RC networks. 03 p0393 A67-13975
- FU, K. S.**
On Bayesian learning and stochastic approximation. 18 p3070 A67-33497
- FU, Y.**
Synthesis of active distributed RC networks. 03 p0393 A67-13975
- FUBINI, E. G.**
Limitations in solid-state technology. 13 p2183 A67-27561
- FUCHS, H.**
The development potential of the European heavy launching vehicle and the economy of its use for application satellites. 18 p3137 A67-34353
- FUCHS, J. L.**
Air Force system effectiveness and reliability data systems. 18 p3007 A67-34658
- FUCHS, L. H.**
The state of oxidation of some iron meteorites. 11 p1865 A67-24606
On the occurrence of brinites and panethite, two new phosphate minerals from the Dayton meteorite. 24 p4234 A67-42625
- FUCHS, V.**
On the generation of striations in low-pressure plasma in a strong high-frequency field. 14 p2353 A67-27756
Physical significance of the asymptotic stability of ionization wave equations /Physikalische Bedeutung der asymptotischen Stabilität der Ionisationswellen-gleichungen/. 17 p2907 A67-33101
- FUDALI, R. F.**
Implications of the nonuniform cooling behavior of the eclipsed moon. 02 p0320 A67-11458
Note on the nonuniform cooling behavior of the eclipsed moon. 18 p3135 A67-34545
- FUDIM, E. V.**
Design principles for pneumatic intermittent-action computers /Printsipy postroeniia pnevmaticheskikh vychislitel'nykh ustroystv preryvistogo deistviia/. 03 p0375 A67-13598
Design principles of pneumatic computing devices that operate intermittently. 14 p2247 A67-27844
- FUELL, F. J.**
Powered flying control systems - The state of the science today. 05 p0753 A67-16750
Improvement in ground service equipment. 20 p3418 A67-37169
- FUERSTENBERG, F.**
Investigation of solar radio bursts in the frequency range 536-2000 Mc/s. 12 p1993 A67-25132
- FUESS, B. F.**
Impact dispersion due to mass and aerodynamic asymmetries. 22 p3742 A67-40117
- FUEZY, O.**
Employment of singularity carrier auxiliary curve for blade profile design. 12 p1893 A67-25970
Design of straight cascades of slightly curved bladings by means of singularity carrier auxiliary curve. 20 p3360 A67-37596
- FUFAEV, N. A.**
On stability of stationary motions of holonomic and nonholonomic systems. 11 p1818 A67-24147
- FUGOL, I. IA.**
Spectroscopic study of a disintegrating helium plasma at 20 deg K /Spektroskopicheskoe issledovanie raspadalushcheisla gellevoi plazmy pri 20 deg K/. 09 p1544 A67-21918
Spectroscopic study of disintegrating helium plasmas at 20 deg K. 14 p2358 A67-28247
- FUGONO, N.**
Direct observations of the ionosphere by sounding rockets during the IQSY. 01 p0060 A67-10335
Direct observation of the ionosphere by sounding rockets during the IQSY. 07 p1186 A67-19677
Direct observations of the ionosphere by sounding rockets K-9M-15, L-3H-1 and L-3H-2. 11 p1787 A67-24643
Direct observation of the ionosphere with sounding rocket K-9M-20. 24 p4150 A67-42151
- FUHRMANN, K.**
Ultrahigh-vacuum installation of novel design at the Institute for Aircraft Construction of the DFL /Eine Ultrahochvakuum-Anlage neuerer Bauart im Institut fuer Flugzeugbau der DFL/. 02 p0228 A67-11552
- FUHS, A. E.**
Use of radio frequency bridge for re-entry plasma diagnostics. 08 p1366 A67-21514
- FULKSCHOT, P. H.**
A simple first-order digital filter. 14 p2288 A67-28687
- FUJII, K.**
A mathematical model of the visual system. 20 p3375 A67-37543
- FUJII, S.**
Wind tunnel investigations of a ground effect machine model. 02 p0180 A67-11534
Compressible shear flows in the duct with varying cross-sectional area. 09 p1489 A67-22161
- FUJII, T.**
Killing and mutagenic efficiencies of heavy ionizing particles in Arabidopsis thaliana. 06 p0953 A67-18379
- FUJII, Y.**
Equivalent resistance of travelling wave phototube at large modulation degrees. 18 p2638 A67-30897
- FUJIE, Y.**
The role of excited atoms on the non-equilibrium of partially ionized plasma - Use of the Klein effect. 09 p1543 A67-21821
- FUJIKAWA, K.-I.**
Improvement of quantum efficiency in gallium arsenide electroluminescent diodes. 17 p2914 A67-32654
- FUJIME, S.**
Electron diffraction at low temperature. II - Radial distribution analysis of metastable structure of metal films prepared by low temperature condensation. 01 p0137 A67-11060
Electron diffraction at low temperature. II - Radial distribution analysis of metastable structure of metal films prepared by low temperature condensation. 01 p0137 A67-11061
Electron diffraction at low temperature. IV. 05 p0866 A67-16976
Electron diffraction at low temperature. V. 12 p1982 A67-25451
- FUJIMOTO, M.**
Cyclotron absorption in n-type lead telluride. 03 p0493 A67-13352
- FUJIMOTO, T.**
Improvement of shock wave generation in a T-tube. 21 p3612 A67-38257
- FUJIMOTO, Y.**
Extragalactic X-rays and evolution of galaxies. 12 p2007 A67-25767
- FUJIMURA, K.**
Cosmic rays and high-energy physics. 14 p2379 A67-27962
Heat transfer to the endwall of a shocktube - A variational analysis. 24 p4257 A67-43092
- FUJINAKA, Y.**
On the electromotive force and the electric conductivity accompanied with the detonation of explosives. 02 p0288 A67-12500
- FUJINO, H.**
MHD power generation experiments with potassium-seeded argon plasmas. 16 p2601 A67-30554
- FUJINUMA, K.**
Transistor failure by secondary breakdown. 02 p0223 A67-12656
- FUJIOKA, H.**
Electromagnetic radiation from an electric dipole moving with relativistic velocity. 18 p3000 A67-34022
Radiation characteristics of antenna arrays in a moving medium. 21 p3598 A67-38607
- FUJISADA, H.**
Geometrical influence on the magnetoresistance effect in InSb and InAs at 34 GC/S. 01 p0132 A67-10467
- FUJITA, H.**
Turbulent boundary layers on wire-screen roughnesses. 13 p2093 A67-26529
- FUJITA, I.**
Optical constants of evaporated barium in the vacuum ultraviolet. 03 p0499 A67-13909
- FUJITA, J.**
A high resolution echelle monochromator and its application to ion temperature measurement of He plasma. 04 p0663 A67-14767
- FUJITA, T.**
A model of typhoons accompanied by inner and outer rainbands. 10 p1676 A67-22813
- FUJIWARA, M.**
Lunar ionospheric winds deduced from the dynamo theory of geomagnetic variations. 20 p3425 A67-36281
- FUJIWARA, N.**
Wind tunnel investigations of a ground effect machine model. 02 p0180 A67-11534
The optimization of airplane gust-alleviation system. 17 p2795 A67-32036
- FUJIWARA, T.**
Weather radar and radar relay equipment. 14 p2290 A67-28998
- FUKAI, M.**
Cyclotron resonance line width of germanium and silicon in the quantum limit. 06 p1064 A67-18945
- FUKAMI, T.**
Star system. I. 13 p2067 A67-26717
- FUKATSU, Y.**
Parametric effects in a microwave Read avalanche diode. 15 p2453 A67-30016
- FUKAWA, K.**
Temperature dependence of transistor f sub T. 23 p3983 A67-41676
- FUKINO, K.**
Diffused-base punchthrough avalanche transistors. 10 p1609 A67-22839
- FUKINUKI, H.**
Analysis of idealized light waveguide using gas lens. 01 p0026 A67-11237
- FUKS, I. M.**
Backscattering of centimeter waves from a ruffled sea surface at small angles of slip /Obratnoe rasselaníe samimetrovykh radiovoln vzvolnovannoi poverkhnosti'moria pri malykh ugla kh skol'zheniia/. 05 p0761 A67-16345
Reflection and refraction of a wave of arbitrary form at a curvilinear interface between two media. 08 p1294 A67-20815
Influence of the state of the sea surface upon the spatial characteristics of scattered radio signals. 08 p1294 A67-20819
- FUKS, L. B.**
Threshold value of the signal-to-noise ratio in target detection against a reflecting background /Porogovoe otnoshenie signala k pomekhe pri obnaruzhenii tseli na otrazhalushchem fone/. 17 p2816 A67-32684
- FUKS, M. I.**
A numerical method of studying a transverse interaction tube /Ob odnom chislennom sposobe issledovaniia lampy s poperechnym vzaimodelstviem/. 19 p3198 A67-36022
- FUKS, M. J.**
Peculiarities of the substructure of thin metal films produced by condensation in

- vacuum /Besonderheiten der Substruktur
duenner metallischer Schichten, die durch
die Kondensation im Vakuum hergestellt
sind/. 02 p0285 A67-11706
- FUKS, N. A.
Fluid flow through a system of parallel
cylinders positioned perpendicular to the
flow at small Reynolds numbers /Techenie
zhidkosti v sisteme parallel'nykh tsilindrov,
raspolozhennykh perpendikulyarno potoku,
pri malykh chislakh Reynoldsa/. 06 p0991 A67-18819
- FUKUDA, K.
Improvement of shock wave generation in
a T-tube. 21 p3612 A67-38257
- FUKUI, H.
Frequency locking and modulation of
microwave silicon avalanche diode
oscillators. 01 p0033 A67-10016
Time-sequential operation of multiple
pulsed oscillators as a CW microwave
source. 09 p1471 A67-21645
- FUKUI, K.
Two jointed semi-infinite planes loaded by
a concentrated moment or
doublet. 05 p0914 A67-16217
A study of low-energy heavy cosmic-ray
nuclei by slicing
emulsions. 06 p1076 A67-17634
Tracks of cosmic
rays in
plastics. 06 p1076 A67-17641
Mutual frequency entrainment of two
reflex klystrons. 20 p3398 A67-36772
- FUKUI, K.-I.
Standardization of integrated
circuits. 12 p1918 A67-26215
- FUKUI, S.
On some theoretical and experimental
investigations of high speed plastic
deformation. 16 p2775 A67-31329
- FUKUI, T.
Two jointed semi-infinite planes loaded by
a concentrated moment or
doublet. 05 p0914 A67-16217
- FUKUMA, A.
Jump resonance criteria of nonlinear
control systems. 06 p0977 A67-18526
- FUKUNAGA, K.
An iterative realization of pattern
recognition networks. 02 p0208 A67-12174
- FUKUOKA, Y.
Decrease of built-in voltage in tunnel
diodes caused by
irradiation. 09 p1471 A67-21764
- FUKUROI, T.
Second-kind superconductivity of indium-
lead alloys. 05 p0864 A67-16893
Shubnikov-de Haas effect of n-type
HgTe. 05 p0864 A67-16900
Magneto-optical studies of exciton effects
in layer-type
semiconductors. 06 p1060 A67-18917
- FUKUSHIMA, M.
Observation of small-scale irregularities of
the radio refractive index in the lower
troposphere. 11 p1787 A67-24644
- FUKUSHIMA, Y.
Theory of a waveguide mounted tunnel
diode oscillator. 17 p2822 A67-32037
- FULDA, C. H.
International aspects of
aviation. 12 p2040 A67-25488
- FULIGNI, F.
Low-energy cosmic-ray photons in
atmosphere. 08 p1377 A67-21466
Cosmic X-ray sources in the 20-180 Kev
energy range. 20 p3520 A67-37475
- FULKERSON, D. E.
The characterization of the static behavior
of p-n junction devices. 21 p3598 A67-38571
- FULLER, A. T.
Linear control of non-linear
systems. 20 p3410 A67-37251
- FULLER, C. S.
Hall-effect levels produced in Te-doped
GaAs crystals by Cu
diffusion. 18 p3105 A67-34634
- FULLER, D.
Total system in a box. 01 p0039 A67-11116
- FULLER, F. L.
Digital computation of the field of an
electromagnet for magnetohydrodynamic
research. 07 p1132 A67-19795
- FULLER, G. H.
Correlation of nozzle submergence losses
in solid rocket motors. 05 p0875 A67-17366
- FULLER, G. M.
An economic and technical analysis of a
partially reusable space vehicle
system. 15 p2569 A67-29851
- FULLER, J. R.
A finite element approach for the analysis
of randomly excited complex elastic
structures. 10 p1724 A67-23710
- FULLER, P. W. W.
Double Langmuir probes for hypervelocity
wakes. 11 p1790 A67-24449
- FULLER, W. D.
Internal stress measurement of
encapsulated electronic
modules. 08 p1306 A67-21418
- FULLERTON, R.
Influence of application variables on
properties of an epoxy
adhesive. 09 p1523 A67-22525
- FULMER, R. D.
Utilization of lunar geothermal emissions
for rocket propellants and life support.
[AIAA PAPER 67-903] 24 p4165 A67-43011
- FULOP, W.
Calculation of avalanche breakdown
voltages of silicon p-n
junctions. 05 p0869 A67-17090
- FULTON, R. E.
Finite difference accuracy in structural
analysis. 03 p0526 A67-13970
A modification of Potters' method for
solving eigenvalue problems involving
tridiagonal matrices. 04 p0656 A67-14839
Some studies on the nonlinear dynamic
response of shell-type
structures. 14 p2397 A67-28090
- FUMEA, H. J., JR.
Design a log amp with tunnel
diodes. 15 p2442 A67-29166
- FUMELLI, M.
Dissociation of H sub 2 super plus ions by
the Lorentz force /Dissociation par la force
de Lorentz d'ions H sub 2 super
plus/. 04 p0671 A67-15645
- FUNABIKI, K.
Experiments on ionizing shock
waves. 21 p3611 A67-37961
- FUNAHASHI, A.
Study of shock-wave-produced plasma by a
microwave reflection
probe. 18 p3088 A67-34076
Microwave measurement of shock
produced plasmas. 19 p3293 A67-35398
- FUNAHASHI, Y.
Learning control system seeking the
optimum point of bimodal characteristics by
means of polynomial
conjecture. 01 p0048 A67-11236
- FUNAI, A. I.
Inspection techniques for the
characterization of smooth, rough, and
oxidized surfaces. 12 p1957 A67-26033
[AIAA PAPER 67-318] 12 p1957 A67-26033
- FUNAYAMA, T.
Measurements of lifetime in GaAs
diodes. 23 p3982 A67-41468
- FUNCK, E.
Pressure-regulated Fabry-Perot
interferometer /Ein druckreguliertes Fabry-
Perot-Interferometer/. 22 p3810 A67-40522
- FUNG, A. K.
Frequency dependence and surface
roughness. 01 p0020 A67-10019
Some empirical and theoretical
interpretations of multiple polarization radar
data. 01 p0059 A67-10330
Character of wave depolarization by a
perfectly conducting rough surface and its
application to earth and moon
experiments. 22 p3762 A67-40076
- FUNG, P. C. W.
Cyclotron radiation from electron streams
as the origin of solar type I noise
storms. 07 p1244 A67-19852
- FUNG, Y. C.
On comparing theory and experiment for
the supersonic flutter of circular cylindrical
shells. 06 p1103 A67-18354
[AIAA PAPER 67-77] 06 p1103 A67-18354
Interaction of mechanical and aeroelastic
instabilities of a circular cylindrical
shell. 14 p2398 A67-28092
Comparing theory and experiment for the
supersonic flutter of circular cylindrical
shells. 21 p3727 A67-38869
[AIAA PAPER 67-77] 21 p3727 A67-38869
- FUNK, H.
Fluorogenic xenon in the Renazzo and
Murray meteorites. 24 p4234 A67-42628
- FUNK, J. A.
An experimental and comparative study of
jet penetration in supersonic flow.
[AIAA PAPER 67-225] 06 p0940 A67-18444
An experimental and comparative study of
jet penetration in supersonic
flow. 21 p3610 A67-37800
- FUNK, J. E.
On the quadratic control problem with an
energy constraint. 08 p1306 A67-20332
- FUNK, J. P.
A radiosonde
radiometer. 06 p1005 A67-18742
- FUNKER, V. F.
Structure and properties of solid solutions
of WC in TiC, NbC, and TaC /Struktura i
svolstva tverdykh rastvorov WC v TiC, NbC
i TaC/. 04 p0638 A67-15205
- FUNKHOUSER, J.
Potassium - Argon dating of iron
meteorites. 08 p1400 A67-21265
Light and heavy rare gases in four
fragments of the St. Severin
meteorite. 16 p2750 A67-31435
- FUNSTEN, H. O.
Properties of an infinite focussing channel
with successive quadrupole rotations not
equal to 90 deg. 08 p1332 A67-21172
- FUNTOV, N. M.
Method of separating magnetic fields
produced by bodies made of conducting
materials /Metod razdeleniya magnitnykh
polei, sozdavaemykh telami iz
provodnykh materialov/. 22 p3795 A67-39227
- FUR, Z. I.
The basis of the dependence of burning
rate on pressure in the relaxation theory of
propagation of
combustion. 04 p0726 A67-15593
- FURASHOV, N. I.
Measurement of atmospheric absorption of
electromagnetic waves in the range from
0.76 to 1.15 mm /Izmerenie atmosferno
pogloshcheniya elektromagnitnykh voln v
diapazone 0,76 - 1,15
mm/. 02 p0190 A67-11568
Width of the spectral absorption line of
water vapor at lambda equals 0.92 mm /O
shirine spektral'noi linii pogloshcheniya
vodianogo para lambda equals 0,92
mm/. 05 p0761 A67-16342
- FURCINITI, C. A.
Design of a highly-efficient PWM power
supply. 08 p1284 A67-20693
- FURDYNA, J. K.
Helicons, magnetoplasma edge, and
Faraday rotation in solid state plasmas at
microwave frequencies. 11 p1840 A67-24663
- FURFINE, A. L.
Behavior of Gemini spacecraft antennas in
an ionized medium. 21 p3591 A67-38210
- FURGASON, R. R.
Heat transfer in the thermally
decomposing ozone system - Experimental
investigation. 05 p0925 A67-16270
- FURLETOV, V. I.
Two modes of operation of a combustion
chamber model as a self-oscillating
thermoacoustic system /O dvukh rezhimakh
raboty model'noi kamery sgoraniya kak
termoakusticheskoi avtokolebatel'noi
sistemy/. 11 p1884 A67-24958
- FURMAN, A. M.
Theory of ionization of meteor trails. IV -
Ionization efficiency of a meteor trail during
collisions between particles of meteoric
vapor and air molecules /K teorii ionizatsii
meteornykh sledov. IV - Effektivnost'
ionizatsii meteornogo sleda pri stolknoventii
chastits meteornogo para s molekulami
vozdukh/. 02 p0329 A67-12494
Meteor-trail ionization theory. 10 p1709 A67-23362
- FURMAN, P. H.
The design of a small pressurized aircraft
structure. 12 p2016 A67-25508
[SAE PAPER 670259] 12 p2016 A67-25508
- FURRY, D. E.
Aeromedical monitoring of naval aviators
during aircraft carrier combat
operation. 17 p2805 A67-31957
Relationship of scuba diving to the
development of aviators' decompression
sickness. 21 p3574 A67-38078
Aeromedical monitoring of naval aviators
during aircraft carrier combat operation - A
preliminary report. 23 p3963 A67-41541
- FURSEI, G. N.
Localization of field emission in small
solid angles. 06 p0968 A67-18091
- FURSENKO, V. D.
Determination of the electron-hole pair
separation energy in CdS single crystals
during irradiation by 5-to 50-kev electrons
/Opredelenie energii razdeleniya pary
elektron-dyrka v monokristallakh CdS pri

- obluchenii elektronami s energiei 5 - 50 kev/. 03 p0490 A67-13160
- Determination of the energy of separation of an electron-hole pair in CdS single crystals during irradiation by 5-50 kev electrons. 10 p1890 A67-23107
- Electron-beam detectors employing CdS single crystals /Detektory elektronnykh puchkov na osnove monokristallov CdS/. 22 p3798 A67-39568
- FURSEY, R. A. E.**
- Reduction of audible flame noise by the application of ultrasonics. 11 p1883 A67-24842
- FURSIKOV, M. M.**
- Ceric fluorite with neodymium additions as an active medium for lasers /Tserifluorit s primeslu neodima kak aktivnaya sreda dlia opticheskikh kvantovykh generatorov/. 05 p0825 A67-16922
- Neodymium-doped cerium fluoride in lasers. 14 p2330 A67-28262
- FURUBAYASHI, E.**
- Orientation dependence of yield stress in 4.4 percent silicon iron single crystals. 17 p2872 A67-32741
- FURUKAWA, P. M.**
- The effects of scattering and ground reflection on the solar energy absorbed by ozone in a Rayleigh atmosphere. 12 p1932 A67-25341
- FURUKAWA, Y.**
- Transient phenomena in the capacitance of GaAs Schottky barrier diodes. 01 p0137 A67-11066
- Transient phenomena in capacitance and reverse current in a GaAs Schottky barrier diode. 09 p1471 A67-21762
- Trap density in epitaxially grown GaAs. 12 p1983 A67-25457
- Trapping effects in Au-n-type GaAs Schottky barrier diodes. 14 p2364 A67-27827
- Trap levels in gallium arsenide. 17 p2914 A67-32655
- FURUMOTO, A.**
- Figure of merit of high-frequency transistors. 04 p0585 A67-15501
- Effect of the emitter barrier capacitance on f sub alpha and f sub T of drift transistors. 04 p0585 A67-15502
- Design consideration of base impurity distribution for figure of merit of high-frequency transistors. 20 p3398 A67-36770
- FURUSETH, S.**
- On the semiconducting properties of PtAs sub 2. 03 p0488 A67-12926
- FURYUA, Y.**
- The experiment on the skewed boundary layer on a rotating body. 05 p0747 A67-16218
- Turbulent boundary layers on wire-screen roughnesses. 13 p2093 A67-26529
- FUSCHILLO, N.**
- Flat plate thermoelectric solar cells - Manufacturing process and life testing. 08 p1283 A67-20648
- Germanium-silicon, lead telluride, and bismuth telluride alloy solar thermoelectric generators for Venus and Mercury probes. 08 p1286 A67-20737
- FUSHIMI, K.**
- Conductivity of a gas-solid mixture. 09 p1543 A67-21820
- FUSHIMI, S.**
- Phase equilibrium in the system PbO-TiO sub 2 - ZrO sub 2. 12 p1986 A67-26188
- FUST, G. W.**
- Adhesives for bonding of insulation in solid propellant rocket motors. 09 p1578 A67-22512
- Adhesive bonding of solid propellants in rocket motors. 09 p1578 A67-22514
- FUTCH, A. H., JR.**
- Plasma formation by neutral-atom injection into toroidal systems. 17 p2908 A67-33110
- FUTRELL, D.**
- Some notes on tektites. 12 p2009 A67-26232
- FUTRELL, J. H.**
- Tandem mass spectrometer for study of ion-molecule reactions. 02 p0247 A67-12690
- Method for improving sensitivity and resolution of mass spectrometer. 02 p0248 A67-12700
- Mass spectrometric investigation of H. and H sub 2 transfer reactions of hydrocarbon ions. 12 p1903 A67-25969
- Ion-molecule reactions in propane. 17 p2810 A67-33264
- FUTRELLE, R. P.**
- Collision-induced absorption as a probe of rare-gas interatomic potentials. 20 p3490 A67-37567

- FUXBERGER, F.**
- Exploration of the moon with unmanned probes /Die Erforschung des Mondes mit unbemannten Sonden/. 16 p2748 A67-31199
- FYFFE, D. E.**
- Allocation of system reliability by dynamic programming. 15 p2512 A67-30409

G

- GABASOV, R.**
- Construction of successive approximations for several optimal control problems. 01 p0043 A67-10236
- Optimum control problem for systems after-effect /Odnazadacha optimal'nogo upravleniia v sistemakh s posledel'stviiem/. 04 p0591 A67-14667
- Extension of the Pontryagin maximum principle to discrete systems /K voprosu o rasprostraneni priintsipa maksimuma L. S. Pontryagina na diskretnye sistemy/. 05 p0782 A67-16320
- Extending L. S. Pontryagin's maximum principle to discrete systems. 18 p3017 A67-33871
- Functional analysis in the theory of optimal processes. 20 p3477 A67-37034
- GABBE, J. D.**
- Statistical analysis and modeling of the high-energy proton data from the Telstar 1 satellite. 24 p4210 A67-42334
- GABBERT, C. H.**
- Similarity for unsteady compressible boundary layers. 14 p2297 A67-28135
- GABE, H. J.**
- Micrometeorite flux determined from the 1965 Luster sounding rocket collection. 20 p3528 A67-37424
- GABOR, D.**
- Wavefront reconstruction or "holography." 04 p0623 A67-15301
- Optical information transformation /Les transformations de l'information en optique/. 06 p0999 A67-17570
- GABOVICH, M. D.**
- Plasma sources of ions of refractory elements /Plazmennye istochniki ionov tugoplavkikh elementov/. 19 p3228 A67-34981
- GABRIEL, A. H.**
- Energy loss from a theta pinch. 22 p3849 A67-39696
- GABRIEL, G. J.**
- Scattering of partially coherent radiation in neutral gas. 02 p0201 A67-12096
- GABRIEL, W. F.**
- Tunnel-diode low-level detection. 24 p4131 A67-42444
- GABRIELE, T. L.**
- Information criteria for threshold determination. 06 p0962 A67-17948
- GABRIELIAN, M. S.**
- On the influence of dissipative gyroscopic forces on the control liability and observability of mechanical systems. 11 p1818 A67-24146
- GABRIELLI, G.**
- Development and applications of VTOL capability in military and civil aircraft /Sviluppi ed applicazioni della capacita' VTOL nei velivoli militari e civili/. 07 p1130 A67-20122
- Space activity and research in industry /Attivita e ricerca spaziale nell'industria/. 20 p3556 A67-37164
- GABRIS, E. A.**
- A gyroless solar pointing attitude control system for the Aerobee sounding rocket. 08 p1409 A67-20540
- A gyroless solar pointing attitude control system for the Aerobee sounding rocket. 24 p4242 A67-42905
- GABRON, F.**
- Thermal scale modeling of the Mariner IV spacecraft. 03 p0517 A67-13066
- GACHECHILADZE, R. G.**
- Disturbance in the F sub 2 region of the ionosphere at middle latitudes. 12 p1932 A67-25543
- GADALOV, A. N.**
- Amplitude recording of pulses and logarithmic amplitude conversion in a dynamic range of 10 super 4 to 10 super 5. 01 p0062 A67-10160
- Logarithmic conversion of pulse amplitudes into numbers in a large dynamic range /Logarifmicheskoe preobrazovanie amplitudy impul'sov v chislo v bol'shom

- dinamicheskomo diapazone/. 02 p0221 A67-12419
- Telemasurement in a broad dynamic range of the amplitudes of pulses from cosmic-ray scintillation recorders. 13 p2119 A67-26560
- GADDA, E.**
- Dissociation of H sub 2 super plus and H sub 3 super plus ions in a lithium plasma /Dissociation des ions H sub 2 et H sub 3 super plus dans un plasma de lithium/. 05 p0852 A67-16600
- Propagation and diffusion of a plasma column in a magnetic field /Propagation et diffusion d'une colonne de plasma dans un champ magnetique/. 19 p3275 A67-35108
- GADDY, O. L.**
- Self-locking of modes in the argon ion laser. 02 p0253 A67-12503
- GADIONENKO, A. IA.**
- Periodic motions of a pendulum with a vibrating point of suspension /O periodicheskikh dvizheniakh malatnika s vibriruiushchego tochkoi podvesa/. 01 p0113 A67-10288
- Rotational motions of second-order autonomous systems /O vrashchatel'nykh dvizheniakh avtonomnykh sistem vtorego poriadka/. 17 p2885 A67-32883
- GADSBY, D. M.**
- Forging and solution treating alloy 718. 04 p0640 A67-15459
- GADSDEN, C. P.**
- Laws of motion for variable mass systems. 01 p0113 A67-10507
- GADSDEN, M.**
- On the measurement of sodium dayglow emission by means of a Zeeman photometer. 03 p0409 A67-12945
- The nightglow continuum emission. 14 p2313 A67-28576
- The origin of afternoon "auroral" radar echoes. 16 p2627 A67-31407
- On the association of "auroral" radar echoes with the aurora. 17 p2852 A67-33244
- Twilight observations. 18 p3033 A67-33585
- Interpretation of twilight emissions. 18 p3035 A67-33601
- GADZHIALIEV, M. M.**
- Quantum oscillations of the Nernst-Ettingshausen effect in n-type InSb /Kvantovye ostsillatsii effekta Nernsta-Ettingsgauzena v n-InSb/. 13 p2174 A67-26368
- Quantum oscillations of the Nernst-Ettingshausen effect in indium arsenide. 14 p2376 A67-29087
- Quantum oscillations of the Nernst-Ettingshausen effect in n-type InSb. 21 p3680 A67-38324
- GAEBE, H. M.**
- Design considerations on the XC-142A tri-service V/STOL. 03 p0357 A67-12971
- GAEDE, A. E.**
- Selection of nozzle contours for a research scramjet engine. [AIAA PAPER 67-453] 18 p2983 A67-33927
- GAERTNER, W. W.**
- Adaptable large-scale-integrated military and space systems. 08 p1311 A67-20665
- Design of microelectronic systems - Problems and solutions. 18 p3015 A67-34561
- GAEVSKAIA, G. N.**
- Basic factors determining the radiative heating of the atmosphere produced by absorption of short-wave radiation /Osnovnye faktory, opredelalushchie radiaionnoe nagrevanie atmosfery za schet pogloshcheniia korotkovolnovoi radiatsii/. 19 p3251 A67-34851
- Radiative cooling of the troposphere and stratosphere /O radiatsionnom vykholažhivani troposfery i stratosfery/. 19 p3213 A67-34852
- GAEVSKII, V. L.**
- Lunar meteorological observatory for observations of the earth. 04 p0597 A67-15066
- A lunar meteorological observatory for observations of the earth. 12 p1920 A67-25648
- Some results of measuring the albedo of stratified clouds in the spectral range from 8 to 12 mu /Nekotorye rezul'taty izmereni albedo sloistykh oblakov v oblasti spektra 8-12 mk/. 18 p3073 A67-33559
- GAFFEY, C. T.**
- Blockage of pupillodilation with cyclotron-accelerated alpha particles. 10 p1598 A67-23394
- GAFFIN, W. O.**
- Turbofan/turboshaft powerplant for composite helicopters. [SAE PAPER 670352] 17 p2929 A67-32992

- GAFFNEY, E. S.**
Frost phenomena on Mars. 06 p1089 A67-18645
- GAFFNEY, J.**
Aircraft position determination - A modern view of requirements. 19 p3256 A67-35860
- GAFFNEY, J. E. JR.**
Lunar AIMP photographic data processing system. 08 p1330 A67-20661
- GAGARIN, IU. F.**
Determination of the fragmentation parameters of the multicharge component of primary cosmic rays /Opredeleniye parametrov fragmentatsii mnogozarladnoi komponenty pervichnykh kosmicheskikh luchei/. 17 p2936 A67-32251
- GAGE, M. J. W.**
Determination of gas flow parameters from propane attitude control jets, and their effect on satellite optical sensors and telescopes. 18 p3137 A67-34359
- GAGE, S. J.**
Stability of coupled-core nuclear reactors - Selected exact results. [ASME PAPER 66-WA/AUT-16] 17 p2882 A67-32015
- GAGLIARDI, R. M.**
Use of limiters for estimating signal to noise ratio. 12 p1908 A67-26090
- GAGNIER, T. R.**
Prediction techniques including nonoperating and operating time periods to determine operational readiness. 15 p2495 A67-30416
- GAGNON, H. P. A.**
2700 Mc/s radio observations of the sun during the total eclipse of July 20, 1963. [AD-642463] 18 p3133 A67-34487
- GAGOSZ, R.**
Generation and amplification of a subnanosecond laser pulse. 17 p2869 A67-33063
- GAIDUK, S. I.**
Mathematical analysis of certain problems concerning longitudinal oscillations of compound bars consisting of elastic and elastoviscous sections /Matematicheskoe rassmotreniye nekotorykh zadach o prodol'nykh kolebaniyakh sostavnykh sterzhnei, sostoyashchikh iz uprugikh i uprugovlaziakh uchastkov/. 07 p1214 A67-19176
- GAIDUK, V. V.**
The effect of boron and cerium on the nature of boundary distribution of excess carbides in a heat-resistant type of complex nickel alloy /Vliyanie bora i tseriya na kharakter pogranichnogo raspredeleniya izbytochnykh karbidov s slozhnolegirovannom nikel'evom splave tipa Zhs/. 14 p2338 A67-28674
- GAILIT, T. A.**
Measurement of rapid phase fluctuations of a signal reflected from the ionosphere. 07 p1144 A67-19819
- GAILITIS, A.**
Oscillations of a conducting droplet in a magnetic field /Kolebania provodiashchel kapli v magnitnom pole/. 01 p0120 A67-10181
- Self-excitation conditions for a laboratory model of a geomagnetic dynamo /Usvlovia samovozbuzhdeniya laboratornoi modeli geomagnitnogo dinamoi/. 24 p4231 A67-42353
- GAILLARD-CUSIN, F.**
Quadratic chain-breaking processes and their influence on the kinetics of three-limit explosion systems in the explosion peninsula. 18 p3156 A67-33848
- GAILLARD, M.**
Excitation of helium simplot levels by accelerated protons /Sur l'excitation des niveaux simplots de l'hélium par protons accelérés/. 10 p1689 A67-22845
- GAILLARD, W. B.**
Digital electronic programmable turbine engine control system. 01 p0030 A67-11094
- GAINES, B. R.**
Techniques of identification with the stochastic computer. 15 p2441 A67-30344
- GAINES, E. E.**
The penetrating radiation environment in space. 15 p2550 A67-29536
- GAINES, J. H.**
Upper and lower bounds of frequencies for cantilever bars of variable cross sections. 05 p0910 A67-16151
- GAINULLINA, R.**
The effect of favourable orientation of galaxies in their clusters - Its possible origin and prospects. 22 p3894 A67-40511
- GAPOV, S. G.**
Energy distribution of the electrons emitted from alkali halide films under bombardment with He super plus and Ar super plus ions. 13 p2177 A67-27074
- GAJDUSEK, J.**
Comparison of microwave and probe methods of plasma diagnostics. 03 p0477 A67-13466
- GAJEWSKI, A.**
Stability of some nonprismatic and nonhomogeneous rods under a compressive tangential force /Stacznosc pewnych niepryzmatycznych i niejednorodnych pretow sciscanych sila sledzaca/. 10 p1717 A67-22944
- GAJEWSKI, T.**
Gasdynamics of the self-regulation of a supersonic nozzle with a central body /Gazodynamiyka samoregulacji dyszy naddzwiekowej z ciałem centralnym/. 22 p3868 A67-39544
- GAKHOV, F. D.**
Boundary value problems. 08 p1347 A67-20760
- GALABERT**
News about the Diademe 1 and 2 satellites /Nouvelles des satellites Diademe I et II/. 17 p2941 A67-32232
- GALAICO, V. P.**
Formation of vortex nuclei in superconductors of the second kind. 03 p0501 A67-14372
- GALAKTIONOV, S. V.**
Effect of backward waves on the excitation of a delay line by a modulated electron beam. 22 p3787 A67-39422
- GALASINSKI, C. R.**
Jet engine starters, cartridge-pneumatic. [ASME PAPER 67-GT-49] 11 p1855 A67-24810
- GALASSO, F.**
Amorphous whiskers of a cobalt-gold alloy. 01 p0135 A67-10895
- Properties of pyrolytically produced boron fibers. 06 p1018 A67-17903
- The tungsten borides in boron fibers. 06 p1016 A67-17904
- Amorphous boron fibers. 08 p1343 A67-21313
- GALASSO, F. S.**
Unidirectionally solidified eutectics for optical, electronic, and magnetic applications. 20 p3469 A67-37359
- Characterization of the Fe-Fe sub x Sb eutectic system with respect to structure and ferromagnetic properties. 23 p4039 A67-40884
- GALATRY, L.**
Interpretation of the emissivity of the atmospheric molecular oxygen in the wings of the line centered at 61.1506 GHz /Interpretation de l'émissivité de l'oxygène moléculaire atmosphérique dans les ailes de la raie centrée à 61.1506 GHz/. 10 p1632 A67-22857
- Determination of the temperature of the terrestrial atmosphere by measurement of the equivalent width of the absorption lines of molecular oxygen at about 5 mm wavelength /Détermination de la température de l'atmosphère terrestre par mesure de la largeur équivalente des raies d'absorption de l'oxygène moléculaire vers 5 millimètres de longueur d'onde/. 20 p3427 A67-36370
- GALAVANOV, V. V.**
An InP photoelectric converter of solar energy /Fotoelektricheskii preobrazovatel' solnechnoi energii iz InP/. 04 p0879 A67-15141
- Forward branch of the current-voltage characteristic of p-n junctions on a base of p-type indium antimonide /Priamaia vetv' vol'tampernoi kharakteristiki p-n-perekhodov na baze antimonida indii p-tipa/. 04 p0680 A67-15157
- Photoelectric transformation of solar energy in InP. 12 p1979 A67-25164
- Recombination processes in p-InSb /Rekombinatsionnye protsessy v p-InSb/. 12 p1983 A67-25512
- Temperature dependence of the hole-capture cross section in InSb /O temperaturnoi zavisimosti secheniya zakhvata dyrok v InSb/. 12 p1984 A67-25523
- The forward branch of the volt-ampere characteristic of p-n junctions in p-type indium antimonide. 15 p2534 A67-29344
- Recombination processes in p-type InSb. 18 p3103 A67-34443
- Temperature dependence of the cross section for the capture of holes in InSb. 18 p3103 A67-34454
- Lifetime of nonequilibrium current carriers in high resistance crystals of p-InSb /Vremia zhizni neravnovesnykh nositelei toka v vysokoomnykh kristallakh p-InSb/. 20 p3510 A67-36761
- GALAZIUK, V. A.**
Stress concentration near an elliptical hole in a steep spherical shell /Kontsentratsiya napriazhenii v otkloneniye ellipticheskogo otverstia v nepollogo sfericheskoj obolochke/. 05 p0916 A67-16223
- GALAZKA, R. R.**
Conduction band structure of Cd sub 0.1 Hg sub 0.9 Te. 12 p1979 A67-25178
- GALBAN, P.**
Development of the aspects of the EEG during a task of visual surveillance performed at night /Evolution des aspects E.E.G. au cours d'une tache de surveillance visuelle effectuée de nuit/. 04 p0561 A67-14627
- GALBRAITH, H. J.**
Computer processing of spectrograms for absolute intensities. 21 p3624 A67-37851
- GALCHINETSKII, L. P.**
Deviations from stoichiometry and the solubility of impurities in semiconductors with stoichiometric vacancies /Otkloneniya ot stekhiometrii i rastvorimost' primesel v poluprovodnikakh so stekhiometricheskimi vakansiyami/. 18 p3096 A67-33449
- GALE, R. J.**
Specialized development of sealed silver-cadmium batteries for use in space. 22 p3749 A67-40230
- GALEA, P. V.**
Step-induced separation of a turbulent boundary layer in incompressible flow. 06 p0985 A67-18132
- GALECHIAN, G. A.**
Magnetic confinement systems with minimum-B toroidal fields /"Tornado"/. 09 p1545 A67-22005
- GALEEV, A. A.**
Rippling mode of a plasma with a large Larmor radius of the ions /Tokovo-konvektivnyye neustoiichivosti v plazme s bol'shim larmorovskim radiusom ionov/. 02 p0277 A67-12613
- Quasi-linear theory of the loss-cone instability. 08 p1359 A67-20899
- Velocity space instabilities in a toroidal geometry. 11 p1828 A67-23876
- Current-convective instabilities in a plasma with large ion Larmor radius. 13 p2170 A67-27369
- New approach to plasma turbulence. 16 p2719 A67-31230
- GALEEV, I. A.**
Triggering the detonation of condensed explosives by laser radiation /Vozbuzhdeniye detonatsii kondensirovannykh vv izlucheniem opticheskogo kvantovogo generatora/. 07 p1195 A67-19315
- GALEJS, J.**
Impedance of a finite insulated cylindrical antenna in a cold plasma with a longitudinal magnetic field. 03 p0385 A67-13850
- Impedance of a finite insulated antenna in a cold plasma with a perpendicular magnetic field. 03 p0385 A67-13851
- Guided waves supported by layers of a lossy compressible plasma. 03 p0487 A67-14354
- Variationally computed antenna impedances and accuracy of resulting current distributions. 11 p1759 A67-24131
- Impedance of a strip antenna in a dielectric layer above a ground plane and below a half-space of cold plasma. 11 p1763 A67-24305
- Waveguide admittance for radiation into plasma layers - Theory and experiment. 16 p2627 A67-31352
- Propagation of VLF waves below an anisotropic stratified ionosphere with a transverse static magnetic field. 16 p2631 A67-31853
- Variationally computed antenna impedances and accuracy of resulting current distributions. 20 p3400 A67-37219
- GALFAN, P. O.**
Solution of a contact problem for an elastic rectangle. 11 p1878 A67-24879
- GALIEV, SH. U.**
Oscillations of a cylindrical shell created by nonlinear disturbances of a gaseous medium /Kolebania tsilindricheskoi obolochki, vyzvannye nelineinymi vozmushcheniyami gazovoi

- sredy/. 12 p2023 A67-25595
Vibrations of a cylindrical shell during high frequency pulsations of internal pressure /Kolebania tsilindricheskoi obolochki pri vysokochastotnykh pul'satsiakh vnutrennego davlenia/. 20 p3536 A67-36445
- GALIMBERTI, R.**
Innovative design with computer graphics. 17 p2820 A67-32783
- GALIMOV, N. K.**
Axisymmetric bending of three-layer circular plates with a lightweight compressible filler /Osesimmetrichnyi izgib trekhslonnykh kruglykh plastin s legkim szhimaemym zapolnitelem/. 05 p0922 A67-17175
- GALINDO, V.**
A variational expression for the dominant mode coupling coefficients between the elements in an infinite array. 02 p0212 A67-11604
- GALIPAULT, J. B.**
Man-machine compatibility in very low altitude flight - Phases I and II. 14 p2256 A67-27742
- GALITSEISKII, B. M.**
Unsteady heat transfer in tubes resulting from changes in heat flow, gas mass flow rate and acoustic resonance. 04 p0733 A67-15844
Convective heat transfer in a tube with a gaseous heat carrier pulsating at a frequency that corresponds to the second resonance harmonic /Konvektivnyi teploobmen v tube pri pul'satsiakh gazovogo teplosositella s chastotoi, sootvetstvuyushchei vtoroi rezonansnoi garmonike/. 07 p1266 A67-19182
Experimental study of unsteady heat transfer in a tube in the presence of a variable gas flow rate /Eksperimental'noe issledovanie nestatsionarnogo teploobmena v tube pri izmenenii rashkoda/. 17 p2967 A67-32129
Experimental study of unsteady heat transfer in a tube during heat-flux fluctuations /Eksperimental'noe issledovanie nestatsionarnogo teploobmena v tube pri izmenenii teplovogo potoka/. 17 p2967 A67-32130
Convective heat transfer of a pulsating flow in a tube near the first resonant harmonic /Konvektivnyi teploobmen pul'siruyushchego potoka v tube vblizi pervoi rezonansnoi garmoniki/. 23 p4082 A67-41285
- GALITSKII, V. M.**
Bremsstrahlung due to the collision of a muon with an electron at rest /Tormoznoe izluchenie pri stolkovenii miona s pokolashchimsia elektronom/. 24 p4194 A67-42880
- GALKIN, A. A.**
Observation of Josephson generation in a Pb-I-Pb tunnel junction. 21 p3677 A67-38096
- GALKIN, G. N.**
Photovoltaic electromotive force of a p-n junction intensely illuminated in silicon /F.E.M. photovoltaique d'une jonction p-n intensément illuminée dans le silicium/. 08 p1285 A67-20732
Carrier density in a semiconductor illuminated with a laser. 20 p3513 A67-37437
- GALKIN, L. N.**
Influence of "illumination" in ZnS/Co crystals under the effect of giant pulses from a ruby laser /Effekt "prosvetleniya" v kristallakh ZnS/Co pod deistviem gigantikh impul'sov rubinovogo opticheskogo kvantovogo generatora/. 01 p0090 A67-10683
The "clearing up" effect in ZnS/Co crystals under the influence of giant pulses from a ruby laser. 11 p1804 A67-25072
- GALKIN, S. I.**
Study of the effect of the rib elasticity on the stressed state of a circular cylindrical shell with a rectangular cut in torsion /Issledovanie vliyania uprugosti shpangoutov na napriazhennoe sostoyanie krugovoi tsilindricheskoi obolochki s priamougol'nym vyrezom pri kruchenii/. 06 p1107 A67-18632
Approximate theory for the basic stresses state of a cylindrical shell reinforced with elastic ribs /Priblizhennaya teoriya osnovnogo napriazhennogo sostoyaniya tsilindricheskoi obolochki, podkreplennoi uprugimi shpangoutami/. 12 p2022 A67-25584
- GALKIN, V. I. A.**
Direct methods of solving optimal-control problems /O priamykh metodakh resheniya zadach optimal'nogo upravleniya/. 13 p2149 A67-27618
- GALKIN, V. S.**
Exact solutions to the kinetic-moment equations of a mixture of monatomic gases /O tochnykh resheniyakh uravnenii kineticheskikh momentov smesi odnoatomnykh gazov/. 03 p0401 A67-12869
Cylindrical Couette flow of a rarefied gas. 13 p2095 A67-26898
- GALKINA, T. I.**
Spontaneous recombination radiation of indium arsenide diodes /Spontannoe rekombinatsionnoe izluchenie diodov iz arsenida indiya/. 12 p1914 A67-25516
Spontaneous recombination radiation of indium arsenide diodes. 18 p3012 A67-34447
- GALL, L. S.**
Microbial interactions of men and their environment inside a closed system. 21 p3577 A67-38899
Certain aspects of microbial interaction between men and their environment in closed systems. 23 p3962 A67-40858
- GALLAGER, R. G.**
Lower bounds to error probability for coding on discrete memoryless channels. I. 11 p1752 A67-24270
Lower bounds to error probability for coding on discrete memoryless channels. II. 22 p3764 A67-39296
- GALLAGHER, C. C.**
Electrolytic tank analog for magnetic field design. 02 p0279 A67-12693
- GALLAGHER, H. E.**
Advanced thermionic cathodes for Kaufman thrusters. [AIAA PAPER 67-678] 21 p3696 A67-38929
- GALLAGHER, J. E.**
A standard method for estimating VTOL operating expense - A more realistic approach. [AIAA PAPER 67-828] 24 p4096 A67-42974
- GALLAGHER, J. T.**
The pressure distribution on a rectangular wing with a jet exhausting normally into an airstream. [AIAA PAPER 67-1] 06 p0941 A67-18463
- GALLAGHER, L. R.**
Diagnostic measurements in an alkali plasma Hall accelerator. [AIAA PAPER 67-46] 06 p1042 A67-18493
- GALLAGHER, R. C.**
A systems approach to a compatible family of linear integrated circuits. 06 p0967 A67-17813
- GALLAGHER, R. H.**
A procedure for automated minimum weight structural design. 03 p0525 A67-13895
A discrete element procedure for thin-shell instability analysis. 05 p0925 A67-17352
- GALLAGHER, T. J.**
Absorptional atelectasis breathing oxygen at simulated altitude - Prevention using inert gas. 09 p1453 A67-21732
Aeromedical monitoring of naval aviators during aircraft carrier combat operation. 17 p2805 A67-31957
Aeromedical monitoring of naval aviators during aircraft carrier combat operation - A preliminary report. 23 p3963 A67-41541
- GALLAHER, L. E.**
Design considerations for a semipermanent optical memory. 20 p3390 A67-36511
- GALLAHER, W. H.**
Direct measurement of compressible, turbulent boundary layer skin friction on a porous flat plate with mass injection. [AIAA PAPER 67-194] 06 p0987 A67-18341
Direct measurement of skin friction on a porous flat plate with mass injection. [AIAA PAPER 67-194] 23 p3991 A67-41713
- GALLARDO, M.**
High-gain laser lines in noble gases. 20 p3460 A67-36859
- GALLETTO, D.**
On continuous media with contact couples. 11 p1819 A67-24621
- GALLEY, R. L.**
Aerospace flow metrology. 05 p0809 A67-17377
- GALI, A.**
A preliminary study of the photochemistry of propyne with the 2062-A iodine line. 24 p4118 A67-42327
- GALINA, V.**
On a possible model of crack propagation in a solid subjected to a cyclic loading. 22 p3911 A67-39680
- GALLOWAY, A. J.**
Aerodynamics of oscillating disks and a right-circular cylinder. 06 p1101 A67-18136
Regimes of exothermic blunt body flow. 20 p3359 A67-37128
- GALLOWAY, C. W.**
Evaluation of proposed hydraulic fluids for the SST. [SAE PAPER 660664] 01 p0103 A67-10572
- GALLOWAY, E.**
Interpreting the treaty on outer space. 24 p4257 A67-42389
- GALLOWAY, R. A.**
Carbon dioxide induced delay of cellular development in two Chlorella species. 20 p3369 A67-36791
- GALLOWAY, T. R.**
Local and macroscopic transport from a 1.5-in. cylinder in a turbulent air stream. 14 p2407 A67-28624
- GALOTTO, C. P.**
Radiation damage to some types of semiconductors /Danno di radiazione su alcuni tipi di semiconduttori/. 20 p3507 A67-36237
On a possible model of crack propagation in a solid subjected to a cyclic loading. 22 p3911 A67-39680
- GALOWIN, L. S.**
Flueric sun sensor-actuator - A solar attitude control system. 17 p2954 A67-31982
- GALPERIN, E. A.**
On the stabilization of steady-state motions of a nonlinear control system in the critical case of a pair of pure imaginary roots. 06 p0975 A67-18035
- GALPERIN, I. U. I.**
High-altitude photoelectron distribution /O vysotnom raspdelenii fotoelektronov/. 05 p0795 A67-18061
Investigation of corpuscles on the Electron 1 and Electron 3 satellites - Preliminary results. 12 p1996 A67-25804
Flux and spectrum of protons responsible for hydrogen emission in auroras. 13 p2110 A67-26542
Some problems of physical measurements in space. 16 p2670 A67-30648
Model intensity distribution of electrons trapped in the inner zone. 19 p3219 A67-35238
Height distribution of photoelectrons. 21 p3615 A67-37848
- GALPERIN, L. N.**
Reversible dekatron counter pulse-to-voltage converter /Reversivnyi dekatronnyi schetchik-preobrazovatel' chisla impul'sov v napriazhenie/. 03 p0425 A67-14265
Reversible dekatron scaler with digital-to-analog conversion. 14 p2321 A67-28777
- GALPIN, R. K. P.**
A practical tantalum thin-film single-sideband demodulator using RC time-varying and active networks. 17 p2825 A67-32600
- GALSTIAN, D. A.**
Angular and energy characteristics of nuclear interactions at 23 and 150 to 500 Bev /Energeticheskie i uglovye kharakteristiki ladernykh vzaimodeistvii pri energiyakh 23 i 150-500 Bev/. 02 p0271 A67-12753
Energy and angular characteristics of nuclear interactions at energies of 23 and 150 to 500 Bev. 22 p3842 A67-40255
- GALT, J. A.**
Observations of quasars using interferometer baselines up to 3,074 km. 17 p2947 A67-32760
Diameters of some quasars at a wavelength of 68.9 cm. 24 p4226 A67-41876
- GALUNOV, V. I.**
Certain features of speech perception /Nekotorye osobennosti vospriyatlia rechi/. 05 p0763 A67-16706
- GALUSHKA, A. P.**
Effect of gamma and fast-neutron radiation on the electrical properties of cadmium sulfide single crystals. 01 p0128 A67-10086
- GAMAUNOV, N. I.**
Solutions of a system of transport equations with the aid of matrices /Resheniya sistemy uravnenii perenosu s pomoshch'yu matrits/. 17 p2972 A67-33070
- GAMAN, V. I.**
Transient processes in semiconductor diodes at high injection levels /K voprosu o perekhodnykh protsessakh v poluprovodnikovykh diodakh na vysokikh urovnyakh in'ektsii/. 02 p0223 A67-12677
Determination of the energy position of the recombination level in a diode base

- made of thermally hardened silicon /Opredelenie energeticheskogo polozheniya rekombinatsionnogo urovnya v baze dioda, poluchennogo iz termozakalennogo kremniya/. 22 p3773 A67-39920
- GAMBLE, E. B. Phase-angle stabilization techniques for feedback control systems. 06 p0977 A67-18416
- GAMBLE, N. L. Molded aircraft wheels of epoxy resin reinforced with noncontinuous glass filaments. 06 p1007 A67-18026
- GAMBLING, W. A. Nonsinusoidal pumping of tunnel-diode mixers. 01 p0037 A67-10477
- Ruby laser loss measurement by comparison of $R_{sub 1}$, $R_{sub 2}$ thresholds. 05 p0819 A67-16655
- GAMBO, K. The characteristic feature of thermal convection in the atmosphere. 13 p2116 A67-27460
- GAMKRELIDZE, R. V. First-variation theory in extremal problems /Teoriya pervoi variatsii v ekstremal'nykh zadachakh/. 17 p2876 A67-32043
- GAMMEL, W. A., SR. Flat cable connectors - Past, present, future. 06 p0972 A67-18403
- GAMOW, G. Electricity, gravity, and cosmology. 22 p3882 A67-39616
- Variability of elementary charge and quasistellar objects. 23 p4069 A67-41442
- GANAPATHY, R. Galactic and solar nucleosynthesis. 02 p0320 A67-11472
- Excess xenon 129 and tellurium abundances in chondritic meteorites. 09 p1570 A67-22694
- Mass-yield distribution of the iodine isotopes from the spontaneous fission of plutonium-242 and the existence of plutonium-244 in the early solar system. 24 p4191 A67-42450
- Iodine, uranium and tellurium contents in meteorites. 24 p4233 A67-42616
- GANAPOLSKII, E. M. Hypersound absorption in quartz and ruby crystals. 10 p1693 A67-23582
- GANDOLFI, V. STOL and VTOL aircraft - Current and future problems /Aerei a decollo raccorciato e verticale - Problemi di oggi e di domani/. 08 p1279 A67-20782
- GANDOLFO, D. A. Flux jumps in a hard superconductor in superimposed AC and DC magnetic fields. 04 p0682 A67-15328
- GANDRUD, W. B. Multiphonon relaxation of near-infrared excited states of $LaCl_{sub 3}$ - Dy super 3 plus. 19 p3302 A67-35035
- GANGE, R. A. Taking cryoelectric memories out of cold storage. 12 p1915 A67-25887
- GANGNATH, R. B. Hydraulics for V/STOL's. 20 p3366 A67-37552
- GANGULI, S. N. Determination of the flux of primary cosmic ray hydrogen and helium nuclei near the geomagnetic equator using nuclear emulsions. III. 10 p1703 A67-23543
- GANGWER, K. E. Computer produced maintenance documentation. 23 p4071 A67-40593
- GANI, M. S. Reaction between vitreous silica and molten aluminum. 10 p1669 A67-23381
- GANIARIS, N. Solar content of C super 13. 02 p0324 A67-11770
- GANIEV, R. F. Effect of a vibrating base on the stability of the oscillations of a solid body /O vliyanii vibrirulushchego osnovaniya na ustoiichivost' kolebaniy tverdogo tela/. 20 p3485 A67-36917
- GANN, A. Some aspects of the use of a cryogenically-cooled primary windings system for an A.C. MHD generator. 16 p2605 A67-30580
- GANNETT, J. R. New flight instrumentation for future transport aircraft. [SAE PAPER 670327] 17 p2860 A67-32983
- GANNITSA, V. M. Heating of a flanged joint. 16 p2766 A67-31205
- GANNON, R. E. Recent results of ablation studies. 11 p1811 A67-24054
- GANOWICZ, R. Solution for a three-layer plate /O pewnym rozwiązaniu płyty trojwarstwowej/. 10 p1716 A67-22937
- Reciprocity theorem for a certain type of three-layer plates /Twierdzenie o wzajemności prac dla pewnego typu płyt trojwarstwowych/. 10 p1716 A67-22938
- Singular solutions in the general theory of three-layer plates /Rozwiązania osobliwe w ogólnej teorii płyt trojwarstwowych/. 23 p4079 A67-41415
- GANS, J. F. Surveyor guidance program. 15 p2514 A67-29599
- GANSHIN, V. N. Geometry of the Earth's Ellipsoid /Geometriya Zemnogo Ellipsoida/. 21 p3616 A67-37965
- GANSLER, J. S. Low-level acceleration sensing for space applications. 01 p0074 A67-11125
- Lunar and planetary terminal point guidance using an optical correlator. 02 p0264 A67-12317
- Precise orbital navigation utilizing automatic landmark tracking. 20 p3481 A67-36553
- GANT, G. C. A fluidic digital displacement indicator. 08 p1281 A67-20456
- GANTMAKHER, V. F. Radio frequency size effect at a reference point in indium /Radiochastotnyy razmernyy efekt na opornoj tochke v indii/. 01 p0133 A67-10742
- Radio frequency size effect at the limiting point in indium. 13 p2176 A67-28771
- Radiofrequency size effects in metals. 22 p3866 A67-40551
- GANTSEVICH, S. V. Theory of electrical conductivity of a many-valley semiconductor in a strong electric field. 20 p3513 A67-37439
- GANZHA, V. L. Mechanism of the electrification in a pseudofluidized layer /O mekhanizme elektrizatsii v psevdoozhizhennom sloe/. 24 p4254 A67-42256
- GAPCYNISKI, J. P. An analysis of the lunar gravitational field as obtained from Lunar Orbiter tracking data. 19 p3318 A67-35190
- GAPONOV, A. V. Use of induced cyclotron emission of electrons in the generation and amplification of high-power electromagnetic oscillations /Primenenie induktsionnogo tsiklotronnogo izlucheniya elektronov dlya generirovaniya i usileniya elektromagnitnykh kolebaniy bol'shoi moshchnosti/. 05 p0824 A67-16915
- Application of induced cyclotron radiation of electrons for the generation and amplification of high-powered electromagnetic waves. 16 p2685 A67-30892
- GAPOSCHKIN, E. M. A dynamical solution for the tesseral harmonics of the geopotential, and station coordinates using Baker-Nunn data. 10 p1636 A67-23178
- GAPOTCHENKO, A. G. Spark chamber as a linear high-energy electron and photon detector /Iskrovala kamera kak linivnoy detektor elektronov i fotonov vysokoi energii/. 03 p0425 A67-14264
- A spark chamber as a shower detector for high-energy electrons and photons. 14 p2321 A67-28776
- GAPRINDASHVILI, KH. I. Fiber laser without a resonator /Bezrezonatornyi volokonnyi lazer/. 08 p1337 A67-21203
- GARABEDIAN, P. R. Free boundary flows of a viscous liquid. 06 p0990 A67-18641
- GARAULT, Y. Solutions of the Maxwell equations describing guided electromagnetic waves of the EH type at the velocity of light /Sur les solutions des equations de Maxwell representant des ondes electromagnetiques guidees de type EH a la vitesse de la lumiere/. 09 p1465 A67-22550
- GARBAR, N. P. Apparatus for recording spectra of low-frequency photocurrent noise in semiconductors. 06 p0970 A67-18194
- GARBER, M. Experimental tests of the critical-state model for hysteretic superconductors. 07 p1233 A67-19842
- Hysteresis in superconductors. 19 p3302 A67-35036
- GARBRECHT, K. Cooled parametric amplifiers and demands on their refrigeration systems. 14 p2278 A67-27783
- Bandwidths of parametric reflection amplifiers with line-type resonators /Bandbreite parametrischer Reflexionsverstärker mit Leitungsresonatoren/. 15 p2454 A67-30145
- GARBUNY, M. On the order parameter dependence of ultrasonic attenuation in the mixed state. 20 p3483 A67-36205
- GARCIA CONCA, J. M. Nonstationary aerodynamics - Qualitative aspects /Aerodinamica no estacionaria - Aspectos cualitativos/. 20 p3424 A67-37593
- GARCIA-MUNOZ, M. Lamb shift in the Li super 6/ super plus plus ion. 22 p3839 A67-39202
- GARCIA, B. H., JR. Potential and current distribution in MPD arcs. 06 p1074 A67-18335
- GARCIA, C. F. Normal human serum parameters for simulated altitude and aerospace flights. I - Estimation of change in serum protein concentration. 01 p0015 A67-10950
- GARCIA, D. The enigma of booster recovery - Ballistic or winged/ques/. 15 p2567 A67-29834
- GARCIA, D. H. Measurements of body motions. [ASME PAPER 66-WA/BHF-2] 04 p0563 A67-15398
- GARCIA, J. D. Charge transfer in the classical binary-encounter approximation. 15 p2519 A67-29331
- Correspondence principle in inelastic scattering. 19 p3266 A67-36090
- GARCIA, J. R. Stability derivatives by rheoelectric analog. 03 p0354 A67-12918
- GARDENGHI, R. A. 40 watt solid state UHF transmitter. 02 p0219 A67-12111
- GARDENHIRE, L. W. Data compression with digital filtering. 04 p0569 A67-14585
- GARDINER, W. C., JR. Transition from branching-chain kinetics to partial equilibrium in the shock-induced combustion of lean hydrogen-oxygen mixtures. 19 p3345 A67-35004
- GARDING, L. Support functions of plurisubharmonic functions. 22 p3828 A67-40555
- GARDNER, A. A. A low weather minima flight control system. 03 p0466 A67-14385
- GARDNER, C. S. Magnetic moment to second order for axisymmetric static field. 03 p0484 A67-14040
- GARDNER, F. F. Linear polarization of the moon at 6, 11, and 21 cm wavelengths. 07 p1251 A67-19854
- Evidence for an association between magnetic field and gas outflow from a spiral arm. 13 p2198 A67-26791
- 18 cm OH-line radiation from NGC 6334. 24 p4230 A67-42333
- GARDNER, F. M. Digital to analog pulser system for testing pulse height analyzers. [JPL-TR-32-1049] 18 p3049 A67-34485
- GARDNER, H. H. Apollo metrology program. 05 p0814 A67-17263
- GARDNER, J. W. Photon correlations in ionizing laser beams. 03 p0438 A67-13982
- Laser-induced breakdown in metal vapours. 19 p3241 A67-35810
- GARDNER, K. R. Gold doped silicon compander diodes for N2 and N3 carrier systems. 24 p4130 A67-42335
- GARDNER, L. A., JR. Stochastic approximation and nonlinear regression. 24 p4179 A67-42900
- GARDNER, R. P. Radiolotope Measurement Applications in Engineering. 15 p2516 A67-29900
- GARDNER, W. N. Significant results of MORL design

- studies.
[AIAA PAPER 66-932] 02 p0332 A67-12277
MORL design studies - The significant
results. 09 p1572 A67-22672
- GAREIS, P. J.**
Pumping of helium and hydrogen in the
high vacuum range by means of cryosorption
arrays. 22 p3838 A67-40396
- GARFINKEL, B.**
Formal solution in the problem of small
divisors. 03 p0457 A67-13162
The Lagrange-Hamilton-Jacobi
mechanics. 06 p1031 A67-17774
Zonal and tesseral harmonic perturbations
of an artificial satellite. 08 p1382 A67-20399
Astronomical refraction in a polytropic
atmosphere. 13 p2152 A67-27484
- GARFINKEL, M.**
Piezotransmission measurements of
phonon-assisted transitions in
semiconductors. I. 13 p2179 A67-27157
- GARFINKLE, D. R.**
Effects of display magnification,
proprioceptive cues, control dynamics and
trajectory characteristics on compensatory
tracking performance. 09 p1456 A67-22372
Independent effects of error magnification
and field of view on compensatory tracking
performance. 14 p2258 A67-28667
- GARFUNKEL, M. P.**
High-frequency effects in the acoustic
attenuation of superconducting
aluminum. 14 p2373 A67-28858
- GARG, V. K.**
Observations on the scattering of
radiowaves during the partial solar eclipse
on 20 May 1966. 20 p3432 A67-37208
- GARIAINOV, S. A.**
Feedback in negative-resistance
devices. 03 p0380 A67-13583
Semiconductor Devices with Negative
Resistance /Poluprovodnikovye Priboi s
Otritsatel'nyy
Soprotivleniem/. 05 p0770 A67-16171
- GARIBASHVILI, D. I.**
Report on the performance of the Tskhra-
Tskaro facility, and preliminary data on the
free path of nuclear-active particles with
energies from 10 super 11 to 10 super 12 ev
in carbon /Soobshchenie o rabote ustanovki
"Tskhra-Tskaro" i predvaritel'nye dannye o
svobodnom probege iaderno-aktivnykh
chastits s energiei 10 super 11 - 10 super 12
ev v uglerode/. 24 p4219 A67-42845
Cross section of interaction of nuclear-
active particles with energies from 5 x 10
super 10 to 10 super 12 ev in iron /Sechenie
vzaimodeistviya iaderno-aktivnykh chastits s
energiyami ot 5.10 super 10 do 10 super 12
ev v zheleze/. 24 p4219 A67-42846
- GARING, J. S.**
Atmospheric optics and radiation
transfer. 20 p3430 A67-36899
- GARINO, G.**
Techniques and methods of automation in
air-traffic control /Techniques et methodes
d'automatisation dans le controle du trafic
aerien/. 19 p3255 A67-35808
- GARIPAY, R. R.**
Lunar surface thermal characteristics from
Surveyor 1. 08 p1386 A67-20940
- GARKAVI, A. L.**
The Helly problem and optimum
approximation in a space of continuous
functions /Zadacha Khelli i nalluchshee
priblizhenie v prostranstve nepreryvnykh
funktsii/. 21 p3653 A67-38400
- GARLAND, J. W.**
Band-structure effects in
superconductivity. I. 07 p1235 A67-20133
Anomalous specific heat of
superconducting magnetic
alloys. 19 p3303 A67-35045
Exchange character of the Anderson
Hamiltonian. 22 p3861 A67-39994
- GARMATIUK, S. S.**
Experimental study of a two-frequency
SHF tunnel diode trigger /Eksperimental'noe
issledovanie dvukhchastotnogo SVCh triggera
na tunnel'nom diode/. 03 p0378 A67-13245
- GARMIRE, E.**
A new class of trapped light
filaments. 05 p0818 A67-18648
Infrared absorption at 10.6 mu in
GaAs. 23 p4045 A67-41471
- GARMIRE, E. M.**
Laser mode-locking with saturable
absorbers. 16 p2686 A67-31808
- GARMIRE, G.**
A measurement of the location of the X-
ray source SCO X-1. 02 p0308 A67-11771
- On the optical identification of Sco
X-1. 02 p0324 A67-11772
X-ray astronomy. 06 p1092 A67-19009
The location and spectra of cosmic X-ray
sources. 12 p1995 A67-25761
The size and position of the X-ray source
in the Crab Nebula. 13 p2189 A67-26263
- GARNACHE, R. R.**
Characteristics of a single-crystal
transistor with a metallic base
/Kharakteristiki monokristallicheskogo
tranzistora s metallichesko
bazoi/. 02 p0221 A67-12530
Characteristic of a single-crystal metal-
base transistor. 14 p2279 A67-28007
- GARNER, D. C.**
Effects of uncertainties in thermophysical
properties on ablation efficiency.
[AIAA PAPER 65-839] 03 p0534 A67-13059
- GARNER, H. C.**
Asymptotic expansion for transient forces
from quasi-steady subsonic wing
theory. 03 p0352 A67-13896
- GARNER, W. E.**
An investigation of the modal interference
of VLF radio waves. 16 p2631 A67-31850
- GARNHOLZ, M. H.**
Cost effectiveness comparison of defense
communications satellite
systems. 06 p0960 A67-17677
- GARNIER, R. C.**
Electric motor energized by microwaves in
a waveguide. 02 p0183 A67-12116
- GARNO, J. P.**
Helicon-drift current interaction in a
layered semiconductor
structure. 07 p1232 A67-19555
- GAROSI, F.**
A heating system with programmable
radial profile of temperature for the end
plates of a Q-device. 11 p1789 A67-24413
- GARR, K. R.**
Clustering in Al-G.P. zone alloys after low
temperature irradiation. 17 p2872 A67-32742
- GARRAD, W. C. J.**
STOL commercial and business
transports. 12 p1894 A67-25492
- GARRARD, T. L.**
A model for concentrated interstitial solid
solutions - Its application to solutions of
carbon in gamma iron. 13 p2131 A67-26574
- GARRARD, W. C. J.**
STOL transport design. 20 p3362 A67-37530
- GARRARD, W. L.**
An approach to sub-optimal feedback
control of non-linear
systems. 23 p3983 A67-40645
- GARRETT, C. G. B.**
Gas Lasers. 14 p2329 A67-27799
Normal modes of a ferromagnetic laser
with one Brewster face. 15 p2497 A67-29388
- GARRETT, D. L.**
An echelle spectrograph for middle
ultraviolet solar spectroscopy from
rockets. 10 p1653 A67-22735
- GARRETT, H. J.**
Nonstoichiometry of ZrO sub 2 and its
relation to tetragonal-cubic inversion in ZrO
sub 2. 16 p2694 A67-31597
- GARRETT, L. B., JR.**
Increasing space TT and C capability -
Telemetry, tracking, and command
communications. 13 p2072 A67-27446
- GARRETT, W. R.**
Electron photodetachment from O super
minus and elastic scattering from atomic
oxygen. 07 p1225 A67-19497
- GARRISON, G. D.**
Measurement of acoustic resistance at
sound-pressure levels to 171
db. 19 p3311 A67-34963
- GARRISON, G. W.**
Electrical conductivity of a seeded
nitrogen plasma.
[AIAA PAPER 67-716] 21 p3673 A67-38742
- GARRISON, G. W., JR.**
Anode losses in coaxial Hall current
accelerators.
[AIAA PAPER 66-201] 12 p1975 A67-25892
Screw instability in a linear Hall
accelerator. 15 p2522 A67-29207
- GARRON, R.**
Photoelectric emission of thin films in
relation to their electronic structure
/Emission photoelectrique des couches
minces en liaison avec leur structure
electronique/. 02 p0290 A67-11731
- GARRY, F. W.**
Designing business jet aircraft engines for
increased service life.
[SAE PAPER 670234] 11 p1851 A67-23981
- Impact of advanced air breathing
propulsion system developments on ground
test and simulation facilities.
[AIAA PAPER 67-779] 24 p4208 A67-42946
- GARSCADEN, A.**
Forward and backward-wave moving
striations in the constricted
discharge. 02 p0273 A67-12188
Spectroscopic measurements in fluctuating
arcs. 06 p1042 A67-18540
The initiation of a low pressure
discharge. 19 p3272 A67-35088
The wave nature of moving
striations. 19 p3273 A67-35094
- GARSCIA, J.**
Method of preparing resistance spot-
welded adhesive bonds using thermosetting
adhesives /Metoda wykonywania zlaczy
klejono-zgrzewanych z zastosowaniem klejow
konstrukcyjnych utwardzanych na
goraco/. 09 p1502 A67-21688
- GARSTANG, M.**
A study of a non-deepening tropical
disturbance. 13 p2152 A67-27605
- GARSTANG, R. H.**
The Fe XVII spectrum. 03 p0511 A67-13649
- GARTH, E. C.**
A high-speed integrated circuit scratchpad
memory. 19 p3189 A67-36066
- GARTLEIN, C. W.**
Northern hemisphere synoptic auroral
charts on polar
projection. 02 p0238 A67-12035
- GARTLEIN, H. E.**
Northern hemisphere synoptic auroral
charts on polar
projection. 02 p0238 A67-12035
- GARTON, W. R. S.**
Autoionization effects in ultraviolet
absorption spectra of hot
gases. 03 p0471 A67-13222
- GARVER, R. V.**
Filters for high-speed diode modulators
and demodulators. 19 p3196 A67-35659
- GARVEY, J. A.**
Calibration of the earth albedo
experimental package of the
OSO satellite series. 02 p0246 A67-12401
- GARVIN, H. L.**
Ion beam sputtering of liquid metals.
[AIAA PAPER 67-683] 21 p3692 A67-38714
- GARWIN, E.**
Nanosecond
fluorimeter. 12 p1946 A67-25981
- GARWOLI, W.**
Precautions required when using a
continuous gas flow in high-current ion
lasers. 15 p2497 A67-29394
- GARY, B.**
Results of a radiometric moon-mapping
investigation at 3 millimeters wavelength.
[JPL-TR-32-1058] 08 p1399 A67-21242
Mercury's microwave phase
effect. 24 p4226 A67-41837
- GARY, S. P.**
Third-order oscillations in a Maxwellian
plasma. 13 p2162 A67-26283
- GARZA, L. R.**
A comparison of flexible and rigid ring
baffles for slosh
suppression. 15 p2470 A67-29438
Experimental and theoretical studies of
liquid sloshing at simulated low gravity.
[ASME PAPER 67-APM-14] 17 p2840 A67-33147
- GASANOV, G. M.**
Order of approximation of continuous
functions through Hermite-Feller polynomials
along the entire axis /O poriadke
priblizhenia na vsel osi nepreryvnykh
funktsii interpolatsionnymi mnogochlenami
Ermita-Fellera/. 07 p1213 A67-19161
- GASANOV, L. S.**
Field effect in thin semiconductor layers
/Effekt polia v tonkikh sloiakh
poluprovodnikov/. 19 p3299 A67-34759
- GASANOVA, N. A.**
Optical reflection of GaS, GaSe, and GaTe
single crystals /Opticheskoe otrazhenie
monokristallov GaS, GaSe i
GaTe/. 16 p2730 A67-31159
- GASHIMZADE, F. M.**
Quantum theory of the electrical
conductivity of semiconductors with a non-
standard energy band. 07 p1233 A67-19639
- GASHKA, I. I.**
Study of the variation of the electrical
conductivity of certain high-resistivity
semiconductors in strong microwave fields
/Issledovanie izmeneniya elektroprovodnosti
nekotorykh vysokoomnykh poluprovodnikov

- v sil'nykh SVCh poliakh/. 08 p1370 A67-20996
Study of photoconductivity in polycrystalline CdS and CdSe /Issledovanie fotoprovodnosti v polikristallicheskom CdS i CdSe/. 08 p1370 A67-20997
- GASIUKOV, P. S.**
Fluctuations of the pressure field of the Northern Hemisphere in the 11-year cycle of solar activity /Kolebania baricheskogo polia severnogo polusharila v 11-letnem tsikle solnechnoi aktivnosti/. 13 p2117 A67-27632
- GASKELL, W. T.**
The application of computers to planning and operating a simultaneous access European ground station network. 18 p3003 A67-34355
- GASKO, W. F.**
Subsonic-transonic-drag of supersonic inlets. 13 p2051 A67-27592
Studies of drag-reduction methods for subsonic operation of supersonic inlets. 17 p2791 A67-32575
- GASPARIAN, A. M.**
Mechanism of interaction of solid bodies with a viscous fluid in the laminar regime. III /O mekhanizme vzaimodelstvia tverdykh tel s vliazkoi zhidkost'iu pri laminarnom rezhime. III/. 06 p0983 A67-17928
- GASPARIAN, S. N.**
Silicon diodes with a controlled differential negative resistance /Kremnievye diody s upravlaemym differentsial'nym otritsatel'nym soprotivleniem/. 20 p3397 A67-36696
- GASPAROVIC, N.**
Onboard recording instrumentation for accident investigation and maintenance of instruments /Bordregistriergeraete fuer die Flugunfalluntersuchung und Wartung von Triebwerken/. 14 p2315 A67-28059
- GASPER, F. T.**
Optimization philosophy applied to aerospace system power conditioning. [AIAA PAPER 67-985] 24 p4110 A67-43057
- GASS, A. E., JR.**
Effect of stereoisomers of sulfur-containing amino acids on local skin protection in X-irradiated mice. 18 p2992 A67-34716
Sulphydryl protection in rats exposed to fractionated acute doses of X-and gamma radiation. 23 p3958 A67-41648
Studies on the mechanism of substrate protection of enolase and lactic dehydrogenase against ionizing radiation. [SAM-TR-66-264] 24 p4111 A67-41841
- GASSMANN, G. J.**
Traveling ionospheric disturbances associated with nuclear detonations. 07 p1181 A67-19939
Artificial red aurora. I. 16 p2664 A67-30977
- GASSNER, E.**
Frequency distributions as a component of design load for commercial aircraft /Haeufigkeitsverteilungen als Bestandteil der Lastannahmen fuer Verkehrsflugzeuge/. 14 p2245 A67-28060
- GASTER, M.**
On the flow along swept leading edges. 16 p2589 A67-30618
- GASTON, C. A.**
Graphical analysis of singular trajectories for optimal navigation. 19 p3333 A67-35749
- GASYMOV, T. M.**
Electrical conductivity of semiconductors at low temperatures in a strong electric field and the effect of a magnetic field on the conductivity /Elektroprovodnost' poluprovodnikov pri nizkikh temperaturakh v sil'nom elektricheskom pole i vliianie na nee magnitnogo polia/. 15 p2542 A67-30248
- GATCHELL, E. K.**
Supersensitive laser light detector. 07 p1194 A67-19085
BLIP condition in point-to-point optical communication. 09 p1462 A67-21641
- GATES, D. W.**
Spacecraft temperature-control coatings - Selection, utilization and problems related to the space environment. 16 p2757 A67-30634
- GATES, J. W.**
Holography with a scatter-plate as beam splitter and a pulsed ruby laser as light source. 05 p0807 A67-16931
- GATES, J. W. C.**
Lasers - Practical control and protection in experimental laboratories. 23 p4015 A67-41054
- GATES, L. E., JR.**
Refractory glass fibers. 07 p1212 A67-20261
Evaluation of refractory fabrics for flexible heat shields. 07 p1212 A67-20262
- GATES, W.**
Observation of the solar flare X-ray emission line spectrum of iron from 1.3 to 20 angstrom units. 20 p3519 A67-37396
- GATIGNOL, R.**
Study of a gas with a discrete velocity distribution /Etude d'un gaz a repartition discrete de vitesses/. 01 p0051 A67-10228
- GATOS, H. C.**
Field effect measurements on the A and B /111/ surfaces of indium antimonide. 05 p0862 A67-16604
The role of surface treatment in the field effect anomaly of n-type InSb at high magnetic fields. 10 p1688 A67-22903
Average heats of atomization and the IV-VI compound semiconductors. 13 p2184 A67-27570
Electric field effect on the magnetoresistance of indium arsenide surfaces in high magnetic fields. 17 p2911 A67-32206
- GATTIS, J.**
Analog-hybrid simulation of a time optimal control system. 15 p2458 A67-29907
- GATTS, J. D.**
Significant differences /both qualitative and quantitative/ in microbial levels in closed environments. 23 p3957 A67-41642
Unusual aspects of indigenous microflora as determined in men undergoing simulated space conditions. 23 p3958 A67-41656
- GATTY, B.**
Observations of equatorial spread F at Djibouti and at Dakar. [AGARDOGRAPH 95] 15 p2484 A67-30307
- GAUDEAU, CL.**
Statistical study of geomagnetic activity /Etude statistique de l'activite geomagnetique/. 04 p0613 A67-14897
- GAUGER, J.**
Experimental evaluation of various rigidity models. [AFRL-67-0099] 04 p0693 A67-14961
An experimental evaluation of various rigidity models. 13 p2192 A67-27245
- GAUK, W.**
Ceramics materials for MHD generators. 20 p3472 A67-36114
- GAULE, G. K.**
Microwave mixing with weakly coupled superconductors. 22 p3865 A67-40439
- GAULT, D. E.**
Critique of "cometary impact and the origin of tektites." 14 p2390 A67-28889
- GAULT, J. D.**
Low altitude atmospheric turbulence analysis methods. 22 p3828 A67-39665
- GAUMARTIN**
Role of LRBA in the "Diamant" program /Le role du L.R.B.A. dans le programme "Diamant"/. 07 p1131 A67-19520
- GAUME-MAHN, F.**
Fluorescence spectrum of the activating Eu super 3 super plus ion in a lutetium oxide matrix - Application to the calculation of the crystalline field /Spectre de fluorescence de l'ion activant Eu super 3 super plus dans une matrice d'oxyde de lutetium - Application au calcul des parametres du champ cristallin/. 19 p3307 A67-35794
- GAUME, J. G.**
Some results of using helium as the space cabin atmosphere diluent. 23 p3969 A67-41646
- GAUMOND, B. J.**
Optimum power division for phase-modulated deep-space communications links. 16 p2625 A67-31258
Comparison of data return techniques for a Mars lander. [AIAA PAPER 67-647] 20 p3387 A67-37627
- GAUR, N. K. S.**
Infrared absorption due to donor electrons in semiconductors. 04 p0874 A67-14608
- GAUSE, R. L.**
Measured effects of various combinations of nuclear radiation, vacuum, and cryotemperatures on aerospace adhesives. 15 p2508 A67-29560
- GAUT, N. E.**
Angular momentum transport in the solar nebula. 24 p4223 A67-41790
- GAUTHERIN, G.**
Improving the electrical output of a duoplasmatron ion source with an expansion cuvette /Amelioration du rendement electrique d'une source d'ions duoplasmatron a cuvette d'expansion/. 09 p1550 A67-22598
- GAUTHIER, J. P.**
Study of plastic deformation mechanisms of polycrystalline beryllium between 80 and 500 deg K /Contribution a l'etude des mecanismes de deformation plastique du Be polycristallin entre 80 et 500 deg K/. 13 p2138 A67-27121
- GAUTHIER, L. P.**
Performance sensitivity of optimal control systems with random variable parameters. 15 p2457 A67-29368
- GAUTHIER, P. R.**
Man-rated chamber testing experience. 12 p1921 A67-25689
- GAUTIER, D.**
Interpretation of the emissivity of the atmospheric molecular oxygen in the wings of the line centered at 61.506 GHz /Interpretation de l'emissivite de l'oxygene moleculaire atmospherique dans les ailes de la raie centree a 61.506 GHz/. 10 p1632 A67-22857
Determination of the temperature of the terrestrial atmosphere by measurement of the equivalent width of the absorption lines of molecular oxygen at about 5 mm wavelength /Determination de la temperature de l'atmosphere terrestre par mesure de la largeur equivalente des raies d'absorption de l'oxygene moleculaire vers 5 millimetres de longueur d'onde/. 20 p3427 A67-36370
Preliminary results of measurements of the absorption by the earth's atmosphere and of the brightness temperature of the sun at a wavelength of 5.65 mm /Premiers resultats de mesures de l'absorption par l'atmosphere terrestre et de la temperature de brillance du soleil a 5.65 millimetres de longueur d'onde/. 22 p3897 A67-40560
- GAUTROT, D.**
A temperature probe for high-enthalpy flow /Sonde de temperature pour ecoulement a haute enthalpie/. 23 p4081 A67-40569
- GAUVIN, H. P.**
Research on optical infrared characteristics of aurora and airglow /artificial and natural/. 18 p3036 A67-33605
- GAUVRIET, M.**
Nonlinear compensation and self-adaptation /Compensation non lineaire et auto-adaptation/. 05 p0785 A67-17271
- GAUZY, H.**
Consequences of an imperfect excitation on vibration test measurements on the ground /Consequences d'une excitation imparfaite sur les mesures de l'essai de vibration au sol/. 05 p0920 A67-16769
- GAVARINI, C.**
Plastic analysis of structures and duality in linear programming. 11 p1876 A67-24623
- GAVELIA, S. P.**
Some boundary value problems for shallow shells with holes /Nekotorye granichnye zadachi dlia pologikh obolochek s otverstiiami/. 05 p0916 A67-16224
Generalization of the Lauricella-Sherman potentials to the case of shallow shells /Obobshchenie potentsialov Lauricella-Shermana na sluchai pologikh obolochek/. 09 p1575 A67-21927
Calculation of stress concentrations at holes in shallow shells subjected to finite deformation /K raschetu kontsentratsii napriazhenii u otverstii v konechnodeformiruemyykh pologikh obolochkakh/. 12 p2023 A67-25594
Iterative method for the solution of an axisymmetric problem in the theory of elasticity /Ob odnom itersatsionnom metode reshenia osesimmetricheskoi zadachi teorii uprugosti/. 17 p2962 A67-32874
Calculation of shallow spherical shells /O raschete pologikh sfericheskikh obolochek/. 24 p4249 A67-42104
- GAVIGLIO, J.**
Analog device for statistical measurements of correlation in time /Appareil analogique de mesures statistiques de la correlation dans le temps/. 01 p0054 A67-11090
Analog apparatus for statistical measurements of correlation in time /Appareil analogique de mesures statistiques de la correlation dans le temps/. 04 p0620 A67-14889
Wind tunnel observations of wakes in a supersonic flow by striaoscopy and hot-wire anemometry /Observations en soufflerie de sillages dans un ecoulement supersonique par striaoscopie et anemometrie a fil chaud/.

- [ONERA-TP-417] 05 p0748 A67-16482
GAVRENTEVA, L. G.
 Electrical properties of polycrystalline zinc-doped gallium arsenide films /Elektricheskiye svoystva polikristallicheskiy plenok arsenida galliya, legirovannykh tsinkom/. 20 p3514 A67-37602
- GAVRILIUK, M. I.**
 Effect of oxygen on the recrystallization of tantalum /Vliyanie kisloroda na rekristallizatsiyu tantala/. 02 p0255 A67-11866
 Interaction of tantalum with nitrogen and air /Vzaimodelstvie tantala s azotom i vozdukhom/. 05 p0832 A67-17507
 Heat-resistant properties of vanadium-molybdenum alloys /Zharoprochnyye svoystva vanadiymolibdenovykh splavov/. 20 p3487 A67-36968
 Interaction of tantalum with nitrogen and air. 21 p3644 A67-38035
- GAVRILIUK, V. M.**
 Binding energy of Cs atoms adsorbed on /110/ and /100/ faces of a tungsten crystal. 23 p4042 A67-41298
- GAVRILOV, I. V.**
 Catalog of selenocentric positions for a total of 500 reference points on the lunar surface /Katalog selenotsentricheskikh polozhenii 500 bazisnykh tochek na poverkhnosti luny/. 17 p2949 A67-33119
 Systems for lunar-surface detail positions /O sistemakh polozhenii detailei lunnoi poverkhnosti/. 17 p2949 A67-33120
- GAVRILOV, V. A.**
 Visibility in the Atmosphere /Vidimost' v Atmosfere/. 23 p4024 A67-40600
- GAWIN, J.**
 Absolute flux of hypothetical primary cosmic photons with energies of 10 super 15 EV /Sur le flux absolu d'hypothetiques photons cosmiques primaires d'energie 10 super 15 EV/. 09 p1562 A67-22559
 Direct method of showing the existence of extensive air showers due to primary photons /Sur une methode directe demontrant l'existence des grandes gerbes de l'air dues a des photons primaires/. 19 p3316 A67-35796
- GAY, I. D.**
 Ethylene-oxygen reaction in shock waves. 20 p3376 A67-36232
- GAY, M.**
 Electronic equipment used for IR radiation measurement during a space experiment /Chaines electriques utilisees au cours d'une experience spatiale pour la mesure de rayonnements infrarouge/. [ONERA-TP-465] 15 p2486 A67-29382
 Electrical circuits used during a space experiment to measure IR radiation /Chaines electriques utilisees au cours d'une experience spatiale pour la mesure de rayonnements infra rouge/. 21 p3629 A67-38661
- GAY, M. J.**
 Monolithic circuits for R.F. communications systems. 14 p2282 A67-28027
- GAYDON, A. G.**
 Shock-tube measurement of the dissociation energy of NH using absolute band intensities. 01 p0117 A67-10787
 The use of shock tubes for studying fundamental combustion processes. 18 p3019 A67-33779
- GAYDOU, F.**
 Problems in the preparation of thin films by cathode sputtering at pressures lower than 10 super -3 torr /Problemes rencontres dans la preparation des couches minces par pulverisation cathodique a des pressions inferieures a 10 super -3 torr/. 10 p1661 A67-23693
- GAYEK, H. W.**
 Trends in aircraft direct-current electrical systems. [SAE PAPER 670250] 11 p1745 A67-23983
- GAYLE, J. B.**
 The amount of sensitivity test data required to verify nonnormality in a sample population. 16 p2634 A67-31525
- GAYLOR, R.**
 An adaptive tracking filter for bending-mode stabilization. 13 p2212 A67-26818
- GAYLORD, J. W.**
 Application of scanning electron microscopy to electronic devices and processes. 22 p3774 A67-40411
- GAYMANN, T.**
 Stress optics - An important method for the measurement of strain in structural and building components. VI /Die Spannungsoptik - Ein wichtiges Verfahren zur Messung der Beanspruchung in Konstruktionen und Bauteilen. VI/. 14 p2395 A67-27973
- GAZAMIAOUD, A.**
 Calibration of very low temperature measurement gages - Description of the cryostat /Etalonnage des sondes de mesures de tres basses temperatures - Description du cryostat/. 12 p1938 A67-25187
- GAZAZIAN, A. D.**
 Interaction of coherent radiation and atoms /Vzaimodelstvie kogerentnogo izlucheniya s atomami/. 06 p1012 A67-18804
 Interaction of coherent radiation with atoms. 18 p3061 A67-34423
- GAZENKO, O. G.**
 Results of medical investigations made on the spaceships Voskhod and Voskhod-2. 08 p1288 A67-21111
 Dynamics of intracranial pressure and of blood content in the cranial cavity at transverse accelerations up to 40 g /Dinamika krovenapolneniya polosti cherepa i vnutricherepnogo davleniya pri poperechnykh peregruzkakh do 40 ed/. 13 p2057 A67-26456
 Cardiac changes under hypoxia - An experimental morphological study /Izmeneniya v serdtse pri gipoksii eksperimental'no-morfologicheskoe issledovanie/. 13 p2058 A67-26756
 Dynamics of pulse waves of intracranial pressure in the case of transverse overloads of up to 40 g /Dinamika pul'sovykh voln vnutricherepnogo davleniya pri poperechnykh peregruzkakh do 40 ed/. 15 p2430 A67-30229
- GAZLEY, C. J., JR.**
 Computer works a new trick in seeing - Pseudo-color processing. 11 p1789 A67-24250
 Theoretical evaluation of an oscillating mass flow in the modified Moore variometer configuration. 23 p4000 A67-41221
- GDALOVICH, G. L.**
 Vertical electron-temperature distribution according to geophysical-rocket observations in 1965 /Vysotnoe raspredelenie elektronnoi temperatury po opytam 1965 g. na geofizicheskikh raketakh/. 17 p2842 A67-32253
 Characteristics of neutral and ionized components of the atmosphere at heights of 100-500 km measured during the flights of geophysical rockets. 19 p3218 A67-35215
- GEAKE, J. E.**
 Laboratory investigations of meteorite luminescence. 08 p1390 A67-21021
- GEAR, A. E.**
 Observations in the wavelength range 1 to 3 mm. 08 p1390 A67-21022
- GEAR, C. W.**
 Numerical solution of ordinary differential equations at a remote terminal. 02 p0259 A67-11802
- GEBALLE, R.**
 Lyman-alpha radiation resulting from ion collisions with molecular gases. 17 p2889 A67-33224
- GEBALLE, T. H.**
 Metallic conductivity and superconductivity in some silver clathrate salts. 01 p0135 A67-10917
 The alpha-Ti-Fe solid solution and its superconducting properties. 06 p1051 A67-18370
- GEBBEN, V. D.**
 Vortex valve performance power index. 14 p2251 A67-28343
- GEBBIE, H. A.**
 Transmission of sub-millimetre waves in fog. 02 p0199 A67-12078
 The spectral transmission at infra-red wavelengths of Michelson interferometers with dielectric film beam-dividers. 06 p1005 A67-18716
 Heterodyne detection of sub-millimetre radiation. 12 p1951 A67-25209
 Submillimetre wave observations at an altitude of 40,000 ft. 13 p2114 A67-26795
 Two-beam interferometric spectroscopy. 19 p3232 A67-35872
- GEBEL, R. K. H.**
 Comparison of the sensitivity of films and image intensifier/film combinations /Vergleich der Empfindlichkeit von Filmen und Bildverstaerker-Film-Kombinationen/. 22 p3796 A67-39278
- GEBHARDT, E.**
 Solubility of carbon in molybdenum, tungsten, and rhenium /Die Loeslichkeit von Kohlenstoff in Molybdaen, Wolfram und Rhenium/. 03 p0439 A67-12845
 Diffusion of carbon in the carbide phases of tantalum /Diffusion des Kohlenstoffs in den Karbidphasen des Tantals/. 04 p0636 A67-14908
 Kinetics of degassing of metal/nitrogen solid solutions. III /Kinetik der Entgasung von Metall-Stickstoff-Mischkristallen. III/. 04 p0637 A67-14909
 Precipitation processes in tantalum-chromium solid solutions /Ausscheidungs Vorgaenge in Tantal-Chrom-Mischkristallen/. 23 p4018 A67-40712
- GEBHARDT, J. J.**
 Preparation of boron filaments on fused silica substrates by decomposition of diborane. 03 p0454 A67-13420
- GEBHART, B.**
 Stability of free convection flow over a vertical uniform flux plate. 01 p0055 A67-11189
- GEDALIN, E. V.**
 Theory of electron-photon showers /K teorii elektronno-fotonnykh livnel/. 01 p0143 A67-10543
 Spatial and angular distribution of particles in electromagnetic showers generated by mu-mesons /Prostranstvennoe i uglovoe raspredeleniya chastits v elektromagnitnykh livniakh, generirovannykh mu-mezonami/. 02 p0317 A67-12774
 Fluctuations in the theory of three-dimensional cascade showers /Fluktuatsii v trekhmernoi kaskadnoi teorii livnel/. 22 p3873 A67-39880
 Lateral and angular distributions of particles in muon-initiated electromagnetic showers. 22 p3877 A67-40278
 Fluctuation of the number of particles in the three-dimensional theory of electromagnetic showers /Fluktuatsii chisla chastits v trekhmernoi teorii elektromagnitnykh livnel/. 24 p4221 A67-42874
- GEDEON, G. S.**
 Universal rendezvous guidance equations. 01 p0110 A67-10427
 Orbital resonance caused by tesseral harmonics. 02 p0328 A67-12400
 Along-track oscillations of a satellite due to tesseral harmonics. 08 p1383 A67-20587
- GEDEVANISHVILI, L. D.**
 Investigation of high-energy muons by means of a complex installation /Issledovanie mionov vysokikh energii s pomoshch'yu kompleksnoi ustanovki/. 02 p0317 A67-12770
 Method of determining the total number of particles and the coordinates of the axis-passage point for an extensive atmospheric shower of cosmic radiation /Ob odnom metode opredeleniya polnogo chisla chastits i koordinat tochki prokhozheniya osi shirokogo atmosfernogo livnia kosmicheskogo izlucheniya/. 03 p0507 A67-14059
 Investigation of high-energy muons by means of a complex installation. 22 p3877 A67-40272
 Investigation of the penetrating component of cosmic rays at a depth of 130 mwe /Issledovanie pronikalushchei komponenty kosmicheskikh luchei na glubine 130 m v e./. 24 p4222 A67-42878
- GEDGAUDAITE, E. A.**
 The laminar boundary layer on a wedge-shaped surface for a power-law velocity distribution at the outer edge of the boundary layer. 20 p3421 A67-36824
- GEDGOVD, K. N.**
 Change in the shape of metals under the simultaneous effects of thermal cycling and an external load. 19 p3244 A67-34929
- GEE, S.**
 Speckle pattern formed by laser scattering from particles in gases. 16 p2886 A67-31882
- GEERK, J.**
 Ion mass spectrometers with magnetic deviation and their applications to the study of the ionosphere /Spectrometres de masse ionique a deviation magnetique et leurs applications a l'etude de l'ionosphere/. 21 p3628 A67-38657
- GEESNER, C. R.**
 An improved furnace for the growth and treatment of cadmium sulfide single-crystal platelets. 22 p3778 A67-39359
- GEETS, V. I.**
 A study of the emission characteristics of a ruby laser. 03 p0433 A67-12855
- GEGEL, G. A.**
 Advanced aerospace metals deformation technology. [SAE PAPER 670098] 09 p1509 A67-22540

- GEIGIN, A. D.
Effect on the stage characteristics of an axial compressor of the design procedure used for its slightly elongated vanes /O villanil metoda konstruovanila lopatok malogo udlinenia na kharakteristiki stupeni osevoogo kompressora/. 10 p1697 A67-23021
- GEHRELS, T.
Ultraviolet polarimetry using high altitude balloons. 07 p1184 A67-19395
Wavelength dependence of polarization. 23 p4062 A67-40626
- GEHRER, G.
Temporary bleaching of doped alkali-halogen-crystals with a ruby laser /Temporaeres Bleichen in dotierten Alkalihalogenidkristallen mit einem Rubinlaser/. 12 p1951 A67-25200
- GEHRING, J. W.
Impact physics, meteoroids, and spacecraft structures. 04 p0705 A67-15000
- GEIER, B.
Buckling loads of reinforced circular cylindrical shells /Beullasten versteifter Kreiszyllinderschalen/. 03 p0521 A67-13019
Buckling of orthotropic circular cylindrical shells under simultaneous pressures in longitudinal and peripheral directions /Das Beulen orthotroper Kreiszyllinderschalen unter gleichzeitiger Wirkung von Druckkraefen in Laengs- und Umfangsrichtung/. 22 p3912 A67-39752
- GEIGER, D. L.
The air oxidation of monomethyl hydrazine. 21 p3578 A67-38841
- GEIGER, G. E.
The stabilization of bubbles in viscous liquids in a vertically vibrated tank. [ASME PAPER 67-FE-3] 14 p2304 A67-28356
- GEIGER, T.
Influence of microsegregations formed in the transition zone on the weldability of a high-temperature-resistant steel plate /Influence des micro-segregations formees dans la zone de transition sur la soudabilite d'une tôle d'acier resistant a haute temperature/. 18 p3063 A67-33673
- GEIL, P. H.
Selected-area small-angle electron diffraction. 22 p3798 A67-39561
- GEILIKMAN, B. T.
Electron mechanism of superconductivity in alloys /Ob elektronnom mekhanizme sverkhprovodimosti v splavakh/. 01 p0127 A67-10062
Thermal properties of anomalous superconductors. 17 p2914 A67-32453
Electromagnetic properties of superconductors with overlapping bands /Elektromagnitnye svoystva sverkhprovodnikov s perekryvatushchimisla zonami/. 17 p2915 A67-32718
Properties of superconductors having overlapping bands. 20 p3512 A67-37435
- GEIMER, R. G.
SNAP-8 - A technical assessment. 24 p4184 A67-42497
- GEISLER, J. E.
On the limiting daytime flux of ionization into the protonosphere. 07 p1180 A67-19918
The interpretation of rocket and satellite measurements of electron and ion temperature. 12 p1935 A67-25796
- GEISMAR, A.
Magnetoresistance of heavily doped n-type silicon. 06 p1067 A67-18967
- GEISS, J.
Super 81 Kr in meteorites and super 81 Kr radiation ages. 11 p1866 A67-24692
Trapping of the solar wind in solids. I. 11 p1825 A67-25079
The isotopic composition of krypton in unequilibrated and gas rich chondrites. 22 p3881 A67-39494
- GEISLER, E. D.
Adaptive guidance for Saturn vehicles. 02 p0264 A67-12318
- GEKKER, I. R.
Containment of a cylindrical plasma stream by a strong microwave field. 12 p1976 A67-26066
Radiative acceleration of plasma /Radiatsionnoe uskorenie plazmy/. 17 p2904 A67-32915
Interaction of plasma bunches with a high-power microwave. 19 p3291 A67-35384
- GELB, G. H.
An experimental investigation of the flow field about a subsonic jet exhausting into a quiescent and a low velocity air stream. [AIAA PAPER 65-704] 01 p0055 A67-11254
- Magnetohydrodynamic power generation using a bifluid liquid-metal generator. 12 p1901 A67-25897
Cycle analyses for liquid-metal power conversion systems using a bifluid MHD generator. 21 p3572 A67-38864
Electrical conductivity of high-voltage two-phase flow in an MHD generator. I. 23 p3942 A67-41758
- GELBWACHS, J.
Phase-locking on pulsed Gunn oscillators. 03 p0382 A67-13672
- GELBWAKS, N. L.
AFSCM 375-5 as a methodology for system engineering. 18 p1161 A67-33494
- GELD, P. V.
Self-diffusion of niobium in some of its alloys with tungsten /Samodiffuzia niobia v nekotorykh ego splavakh s volframom/. 13 p2141 A67-27283
Phase diagram of the system chromium-germanium. 16 p2691 A67-31592
- GELFAND, I. M.
Theory of nonlinear oscillations of an electron plasma /K teorii nelineynykh kolebani elektronnoi plazmy/. 13 p2171 A67-27615
- GELFAND, P. I.
Phase-controlling valves with a reactive compensating element /Fazoventil'noe ustroystvo s reaktivnym kompensirushchim elementom/. 07 p1150 A67-19319
- GELFGAT, I. U. M.
Turbulent magnetohydrodynamic flows in prismatic and cylindrical pipes /Turbulentnye magnitohidrodinamicheskie techenia v prizmaticheskikh i tsilindricheskikh trubakh/. 04 p0669 A67-15513
Turbulent flow in a plane perpendicular to a magnetic field /Turbulentnoe techenie v ploskosty, perpendikularnoi magnitnomu polu/. 06 p1044 A67-18678
Resistance of rough pipes during turbulent flow in a transverse magnetic field /Soprotivlenie sherokhovatykh trub pri turbulentnom techenii v poperechnom magnitnom pole/. 06 p1044 A67-18690
Turbulent MHD jet flows in a bounded space /Struinye turbulentnye MGD-techenia v ogranichenom prostranstve/. 17 p2901 A67-32565
Flow of conductive fluid in circular pipes within a transverse magnetic field /Techenie provodiashego zhidkosti v kruglykh trubakh v poperechnom magnitnom pole/. 20 p3501 A67-37304
- GELHAUS, F. E.
Oxygen as a beneficial additive in cesium thermionic energy converters. 11 p1746 A67-24923
- GELIG, A. K. H.
Stability in critical cases of control systems with distributed parameters. 05 p0781 A67-16250
Absolute stability in critical cases of nonlinear systems with a nonunique equilibrium state. 10 p1619 A67-23318
On the stability of nonlinear control systems with infinite number of degrees of freedom. 15 p2458 A67-29696
- GELLATLY, R. A.
A procedure for automated minimum weight structural design. 03 p0525 A67-13895
A discrete element procedure for thin-shell instability analysis. 05 p0925 A67-17352
- GELLER, E. S.
Biological telemetry - Problems of classification /Biologicheskaya telemetriya - Problemy klassifikatsii/. 20 p3374 A67-36671
- GELLER, M.
Two-photon absorption in alkali halides with a pulsed N sub 2 laser. 24 p4167 A67-42361
- GELLER, R.
Study of the D super plus ion flux using the Pleiade device /Flux des ions D plus avec le dispositif Pleiade/. 04 p0672 A67-15647
Polarized pyrometric probe principle and experimental determination of the characteristics of the particles of an energetic plasma. 11 p1789 A67-24410
Experimental demonstration of the ion-acceleration region after coupling of two high-frequency and magnetic-field-gradient accelerators /Mise en evidence experimentale de la zone d'acceleration des ions apres jumelage de deux accelerateurs a haute frequence et gradient de champ magnetique/. 11 p1841 A67-24767
- GELLER, R. E.
Oxygen safety - Submarine to aircraft. [AIAA PAPER 67-965] 24 p4110 A67-43043
- GELMAN, H.
Causal behavior of forced plasma oscillations. 08 p1365 A67-21405
- GELMONT, B. L.
Nonlinear theory of thermomagnetic waves. 09 p1545 A67-22072
- GELNOVATCH, V.
Microwave solid state devices and circuits. 18 p3015 A67-34595
- GELTMAN, S.
Single-and double-quantum photodetachment of negative ions. 07 p1225 A67-19494
Variational calculations for quartet states of three-electron atomic systems. 07 p1226 A67-19500
Rotational excitation of diatomic molecules by slow electrons - Application to H sub 2. 20 p3491 A67-37687
- GEMINDER, R.
An approximate technique for analyzing nonstationary vibration data. 23 p4007 A67-41385
- GEMMILL, M. G.
Application of high-temperature alloys. 21 p3650 A67-38533
- GEMPERLEIN, H.
Fuels for high Mach number aircraft /Kraftstoffe fuer den Flugverkehr mit hoher Machzahl/. 03 p0502 A67-13015
- GENAEVA, L. I.
Possibility of investigating the intensity of primary cosmic radiation with the help of the tracks of nuclear particles in meteorites and tektites /O vozmozhnosti issledovaniya intensivnosti pervichnogo kosmicheskogo izlucheniya po trekam ladernykh chastits v meteoritakh i tektitakh/. 05 p0887 A67-16100
On the possibility of evaluating the intensity of primary cosmic radiation from the tracks of nuclear particles in meteorites and tektites. 24 p4238 A67-42776
- GENCHI, A. P.
Leading edge flow studies of sharp bodies in rarefied hypersonic flow. 14 p2241 A67-28168
- GENCSOY, H. T.
On some fundamental problems in ultrasonic welding of dissimilar metals. 12 p1950 A67-25737
- GENDRIN, R.
Polarization of type Pci hydromagnetic oscillations observed at two conjugate geomagnetic stations /Polarisation des oscillations hydromagnetiques de type Pci observees en deux stations geomagnetiquement conjuguees/. 03 p0406 A67-12818
Relations between the appearance of VLF emissions and magnetic agitation /Relations entre l'apparition des emissions de tres basse frequence et l'agitation magnetique/. 04 p0617 A67-15500
Study from two conjugate points of radioelectric VLF emissions /0.8 to 10 kHz/. /Etude en deux points conjugues des emissions radioelectriques de tres basse frequence /0.8 - 10 kHz/. 06 p0997 A67-18698
Simultaneous recording of resonances of the earth-ionosphere cavity at two stations 12,000 km apart /Enregistrement simultane des resonances de la cavite terre-ionosphere en deux stations distantes de 12,000 km/. 06 p0998 A67-18707
E.L.F. and micropulsations. 14 p2266 A67-28415
Automatic measurement of the resonance frequency variations of the earth/ionosphere cavity /Mesure automatique des variations de frequence des resonances de la cavite terre-ionosphere/. 15 p2489 A67-30071
E.L.F. and micropulsations. III /E.B.F. et micropulsations. III/. 20 p3428 A67-36376
Characteristics of the irregular pulsations of diminishing periods /IPDP/ and their relations to the variations of the flux of particles trapped in the magnetosphere /Caracteristiques des pulsations irregulieres de periode decroissante /I.P.D.P./ et leurs relations avec les variations du flux des particules piegees dans la magnetosphere/. 20 p3431 A67-37097
E.L.F. and micropulsations. I, II /E.B.F. et micropulsations. I, II/. 20 p3390 A67-37727
- GENDZHOIAN, G. V.
Some estimates for Green's function in

- the first boundary value problem of the thermal conductivity equation /Nekotorye otsenki funktsii Grina pervoi kraevoi zadachi dlia uravneniya teploprovodnosti/. 05 p0927 A67-17002
- Modification of the functional scheme of the Chaplygin method and its applications /O modifikatsii funktsional'noi skhemy metoda Chaplygina i ee primeneniakh/. 07 p1215 A67-19220
- GENERALOV, N. A.**
- Oscillatory relaxation of heavy two-atom molecules in a light-gas medium /Kolebatel'naya relaksatsiya tlazhelykh dvukhatomnykh molekul v srede legkogo gaza/. 02 p0269 A67-12422
- Oscillation relaxation in iodine /Kolebatel'naya relaksatsiya v iode/. 12 p1930 A67-26115
- GENEROZOV, V. L.**
- Calculation of the derivatives of a radiation dose by the Monte Carlo method in the optimization of the shape and composition of radiation-protection shields /Vychislenie proizvodnykh dozy metodom Monte-Karlo dlia optimizatsii formy i sostava radiatsionnoi zashchity/. 21 p3577 A67-38425
- GERNERSON, I. G.**
- Examination of 1Kh12VNMf-steel rotor forgings /Issledovanie stali 1Kh12VNMf rotornykh pokovok/. 22 p3819 A67-39323
- GENIKE, A. A.**
- Study of instrument errors in a RDG radio range-finder /Issledovanie instrumental'nykh oshibok radiodal'nomera RDG/. 20 p3446 A67-36632
- GENIN, A. M.**
- Problem of the prolonged autonomous existence of humans in spacesuits /K probleme dlitel'nogo avtonomnogo suschestvovaniia cheloveka v kosmicheskoi skafandre/. 02 p0187 A67-12324
- GENIN, J.**
- A stability theorem for a class of damped dynamic systems and some applications. 06 p1099 A67-17644
- Some new stability results in the theory of whirling. 11 p1798 A67-24316
- Equilibrium configuration and tensions of a flexible cable in a uniform flowfield. 13 p2051 A67-27587
- GENIN, L. G.**
- Experimental study of the turbulent flow of mercury in a circular tube in the presence of a longitudinal magnetic field /Eksperimental'noe issledovanie turbulentnogo techeniia rtuti v krugloi trube v prodol'nom magnitnom pole/. 16 p2721 A67-31394
- The effect of electric and magnetic fields on heat exchange between a laminar flow of a liquid and a plane channel. 16 p2723 A67-31774
- GENIN, R.**
- Experimental evidence of a parametric resonance phenomenon /Mise en evidence experimentale d'un phenomene de resonance parametrique/. 11 p1877 A67-24758
- Direct measurement of the slope of an active quadrupole - Application to field-effect transistors /Mesure directe de la pente d'un quadripole actif - Application aux transistors a effet de champ/. 22 p3773 A67-40305
- GENIN, Y.**
- Principles of suboptimal perturbation guidance and methods for the polynomial approximation of guidance matrices /Principes du guidage perturbatif suboptimal et methodes d'approximation polynomiale des matrices de guidage/. 04 p0655 A67-15629
- The radial guidance - A new guidance scheme for space vehicles. 22 p3830 A67-39184
- GENKIN, A. L.**
- End effects in a magnetohydrodynamic channel of variable cross section /Kontsevyie efekty v magnitogidrodinamicheskom kanale peremennogo secheniia/. 04 p0669 A67-15516
- Fringe effects in magnetohydrodynamic generators. 12 p1901 A67-26078
- Unsteady flow of an electrically conducting gas in crossed electric and magnetic fields /Nestatsionarnoe techenie elektroprovodnogo gaza v skreshchennykh elektricheskoi i magnitnoi polakh/. 16 p2706 A67-30451
- Boundary layer on a nonconducting MGD-channel wall /Pogranichnyi sloi na neprovodlashcheli stenke magnitogazodinamicheskogo kanala/. 24 p4196 A67-42212
- GENKIN, V. M.**
- Study of a molecule in a highly dense resonance medium /Izluichenie molekuly v rezonansnoi srede bol'shoi plotnosti/. 05 p0762 A67-16351
- GENKIN, V. N.**
- Study of a molecule in a highly dense resonance medium /Izluichenie molekuly v rezonansnoi srede bol'shoi plotnosti/. 05 p0762 A67-16351
- Special features of the structure of the energy levels of rare-earth chelates /Osobennosti struktury energeticheskikh urovnei redkozemel'nykh khelatov/. 09 p1512 A67-21921
- Characteristics of the structure of energy levels of rare-earth chelates. 14 p2330 A67-28250
- GENNER, R.**
- Ferric-doped-rutile 8 mm maser. 03 p0438 A67-13986
- GENOT, J.**
- Application of the conformal transformation to analogous study of the heating of reentry bodies /Application de la transformation conforme a l'etude analogique de l'echauffement des corps de reentree/. 01 p0187 A67-11015
- GENRE, R.**
- Study of the equivalence between radiations producing a permanent degradation of the characteristics of silicon transistors obtained by diffusion /Etude de l'equivalence entre les rayonnements produisant une degradation permanente des caracteristiques des transistors silicium obtenus par diffusion/. 17 p2917 A67-32844
- GENS, M. B.**
- The environmental operations analysis function. 12 p1921 A67-25678
- GENT, H.**
- Radio diameter measurements with interferometer baselines of one million and two million wavelengths. 09 p1565 A67-21980
- Measurements of oh emission sources with an interferometer of high resolution. 10 p1709 A67-23491
- The brightness temperature of Venus at 49.1 cm wavelength. 16 p2749 A67-31409
- GENTLE, K. W.**
- Moving striations in the argon positive column. I, II. 05 p0857 A67-17427
- GENTNER, W.**
- New K-Ar and fission track ages of impact glasses and tektites. 11 p1866 A67-24693
- GENTRY, J. R.**
- Lifting-body flight test program. 06 p0947 A67-18197
- GENTY, R.**
- The kinetic moment in celestial mechanics and its application to problems of spatial maneuvers /Le moment cinetique en mecanique celeste et son application aux problemes d'evolutions spatiales/. 03 p0510 A67-13456
- An astronomical guidance system for air navigation. 04 p0655 A67-15666
- A spatial-turn simulator /Simulateur de virage spatial/. 09 p1484 A67-22095
- Spatial-turn simulator /Un simulateur de virage spatial/. 10 p1655 A67-22840
- GENZABELLA, C. F.**
- Gallium arsenide Schottky mixer diodes. 10 p1815 A67-23527
- GEORGE, A. R.**
- Perturbations of plane and axisymmetric entropy layers. [AIAA PAPER 67-6] 06 p0938 A67-18249
- GEORGE, D. J.**
- Chemical pretreating and finishing. 14 p2324 A67-27821
- GEORGE, D. W.**
- Electrode current saturation in MHD ducts. 01 p0126 A67-11186
- MHD generator operation as affected by electrode current saturation. 16 p2601 A67-30550
- GEORGE, F.**
- Eutectic composites by unidirectional solidification. 03 p0444 A67-13435
- GEORGE, F. D.**
- The effect of fiber orientation and morphology on the tensile behavior of Al sub 3 Ni whisker reinforced aluminum. [ASTM PAPER 3] 18 p3067 A67-34569
- GEORGE, J. B.**
- MOSFET devices in analog computers. 22 p3775 A67-40465
- GEORGE, J. H.**
- Interpretation of Liapunov stability regions. 12 p1919 A67-25912
- On parameter stability regions for several parameters using frequency response. 15 p2457 A67-29366
- GEORGE, K. A.**
- Some magnetohydrodynamic experiments. 03 p0480 A67-13729
- GEORGE, N.**
- Excess photon noise in multimode lasers. 05 p0815 A67-16623
- GEORGE, W. P. R.**
- A possible new group of semiconducting compounds. 16 p2725 A67-30806
- GEORGE, W. V.**
- An automated telemetry checkout station for the Saturn V systems. 05 p0789 A67-17044
- GEORGES, T. M.**
- Evidence for the influence of atmospheric waves on ionospheric motions. 07 p1182 A67-19952
- GEORGI, H.**
- Problems of high-speed helicopters /Probleme des Schnellhubschraubers/. 22 p3745 A67-39753
- GEORGIEVSKII, I. U. S.**
- A device for studying the spectral transparency of the atmosphere with high resolution. 02 p0263 A67-12645
- GEORGOBIANI, A. N.**
- Electric and photoelectric properties of p-n junctions in zinc sulfide /Elektricheskie i fotoelektricheskie svoystva p-n-perekhodov na sulfide tsinka/. 13 p2172 A67-26355
- Electrical and photoelectric properties of p-n junctions in zinc sulfide. 21 p3679 A67-38312
- GERANIN, V. A.**
- Three-dimensional correlation function for radar probing-signal modulation /Trekhmernaya korrellatsionnaya funktsiia modulatsii zondirovushchikh signalov lokatorov/. 09 p1463 A67-21961
- Trivariate correlation function of the modulation of transmitted radar signals. 20 p3383 A67-37191
- GERARD, G.**
- General instability of orthotropically stiffened cylinders under axial compression. [AIAA PAPER 66-139] 01 p0163 A67-11154
- Comparative efficiencies of aerospace pressure vessel design concepts. 04 p0709 A67-14810
- Optimum thin-wall pressure vessels of anisotropic materials. [ASME PAPER 66-APM-BB] 04 p0717 A67-15915
- On the bending elastic stability of isotropic cylinders. 09 p1575 A67-22164
- General instability of orthotropically stiffened cylinders under torsion. 23 p0480 A67-41745
- GERARD, M. E.**
- Pressure gauge for plasmas subjected to large dynamic electric and magnetic fields. 20 p3444 A67-36529
- GERARD, R.**
- Fuchs theory on a complex analytic manifold /Theorie de Fuchs sur une variete analytique complexe/. 09 p1525 A67-22574
- GERARDIN, L.**
- Real-time tracking of space vehicles /Localisation en temps reel des vehicules spatiaux/. 01 p0110 A67-10266
- GERARDO, J. B.**
- Stark broadening of H sub beta, H sub gamma, and H sub delta - An experimental study. 23 p4032 A67-40957
- GERASHCHENKO, E. I.**
- Asymptotic behavior of solutions of nonlinear controlled systems /Asimptotika reshenii nelineynykh reguliruemyykh sistem/. 15 p2458 A67-29886
- GERASIMOV, A. N.**
- Designing nonstationary automatic control systems by the "frozen" reaction method. 20 p3410 A67-37235
- GERASIMOV, V. F.**
- Spark counter for recording fission fragments in the presence of high-intensity alpha radiation /Iskrovoi schetchik dlia registratsii oskolkov delenii v prisutstvii intensivnogo alfa-izluicheniia/. 06 p1001 A67-17936
- GERASIMOVA, N. M.**
- Interaction between high-energy nucleons and nuclei /K voprosu o vzaimodelstvii nuklonov bol'shikh energii s iadrami/. 24 p4192 A67-42839

GERASINOV, I. A.

Investigation of the thermodynamic properties of gallium arsenide by the electromotive force method /Issledovanie termodynamicheskikh svoystv arsenida gallia metodom elektrodvuzhushchikh sil/. 03 p0498 A67-13840

GERASKOVA, L. V.

Variation of the structure and properties of α /alpha plus beta/-titanium alloys as a function of heat treatment /Izmeneniye struktury i svoystv α /alpha plus beta/-titanovykh splavov v zavisimosti ot termicheskoi obrabotki/. 07 p1206 A67-19282

GERATHEWOHL, S.

Orientation and navigation in space-time. 11 p1820 A67-24936

GERATHEWOHL, S. J.

Visual observations of American astronauts and Russian cosmonauts /Sichtbeobachtungen Amerikanischer Astronauten und Russischer Kosmonauten/. 09 p1569 A67-22604

GERBER, E. A.

Progress in radio measurement methods and standards. 05 p0804 A67-16008

GERBER, N.

Note on shock reflection coefficient. 06 p0992 A67-18885
Multilayer boards - Component or system/ques/. 16 p2642 A67-31726
Shock curvature and gradients at the tip of pointed axisymmetric bodies in non-equilibrium flow. 23 p3928 A67-41176

GERBER, R. A.

Studies of decaying plasmas produced in neon and helium-neon mixtures. 09 p1548 A67-22360
Studies of decaying helium plasmas. 09 p1548 A67-22361

GERBERICH, W. W.

A discussion of slow crack growth associated with plane-strain instability. 06 p1014 A67-17806
Some observations on crack extension in two-phase materials. 14 p2400 A67-28424
The strength and toughness of dynamically strain aged alloy steels. 16 p2688 A67-31306
Some observations on stress wave emission as a measure of crack growth. 23 p4078 A67-41163

GEREN, A. I.

A high-efficiency metal-ceramic beam tetrode with a power of 150 watts at a frequency of 1000 Mc /Metallokeramicheskii luchevoi tetrod moshchnosti 150 vm na chastote 1000 MGTs s vysokim koefitsientom poleznogo deistviya/. 22 p3772 A67-39873

GERGEI, T.

A theorem of plant adequacy and systems for its recognition /Teorema pro adekvatnost' ob'ekta i sistem logo rozpliznavaniya/. 21 p3605 A67-39113

GERHARZ, R.

A specular reflectometer, measuring R super 2 equal f /theta, lambda/da/. 20 p3448 A67-36955

GERJUOV, E.

Resonances in cross sections - Their nature and origin. 03 p0470 A67-13219
Charge transfer in the classical binary-encounter approximation. 15 p2519 A67-29331

GERLACH, C. R.

Wave propagation in viscous fluid lines including higher mode effects. [ASME PAPER 67-FE-12] 14 p2304 A67-28361
Dynamic models for hydraulic conduits. 20 p3366 A67-37365

GERLACH, O. H.

Measurements of performance, stability and control characteristics in non-steady flight with a high-accuracy instrumentation system. 20 p3442 A67-36466

GERLACH, R. L.

Surface asymmetry mechanism for fractional order peaks observed in LEED beams from metals. 19 p3246 A67-35783

GERLAKH, N. I.

Calculation of two-dimensional unsteady plasma flows of finite conductivity in the presence of the Hall effect /Raschet dvumernykh nestatsionarnykh techenii plazmy konechnoi provodimosti pri nalichii effekta Kholla/. 13 p2168 A67-27301
Influence of the finite conductivity on the two-dimensional flow of plasma in a coaxial channel /Vliyanie konechnoi provodimosti na dvumernoe techenie plazmy v koaksial'nom kanale/. 21 p3665 A67-38240

GERLOFF, U.

Electron microscope and microprobe measurements on Luster-flight samples. 10 p1707 A67-23238
Stereoscan investigations of metal plates exposed on LUSTER 1966, Gemini IX and XII. 19 p3339 A67-35197

GERLOVIN, I. A.

Determination of the spontaneous emission probability corresponding to the infrared absorption bands. 03 p0467 A67-12854

GERMAIN, P.

Shock conditions and the structure of shock waves in a nonstationary flow of a dissipative fluid /Conditions de choc et structure des ondes de choc dans un ecoulement non stationnaire de fluide dissipatif/. 06 p0990 A67-18726
A model of some plasma shock structures. 20 p3493 A67-36144

GERMAN, A. I.

Angular distribution of reflected radiation according to IL-18 aircraft data of 1964 /Uglovoye raspredeleniye otrazhennoi radiatsii po dannym poletov na samolete IL-18 v 1964 g./. 07 p1220 A67-19452

Measurement of the angular intensity distribution of shortwave radiation by automatic stratospheric balloons /Izmereniye uglovogo raspredeleniya intensivnosti korotkovolnovoi radiatsii s avtostrostatov/. 07 p1220 A67-19453

GERMAN, E. N.

Character of fracture of sintered materials. 16 p2691 A67-31586

GERMAN, J. P.

Latitude and longitude variations of the ionospheric electron content over Texas as calculated from Faraday rotation measurements of radio waves from satellites. 15 p2478 A67-29923

The gradient in the ionospheric electron content over Texas as calculated from Faraday fading of radio waves from satellites. 16 p2627 A67-31362

GERMAN, V. O.

Experimental investigation of the functioning of an electrode in an air stream containing potassium additions /Eksperimental'noe issledovanie raboty elektroda v potoke vozdukh, soderzhashchego prisadku kaliya/. 18 p3088 A67-34054

GERMANIUK, V. N.

Experimental investigation of the electrical conductivity of a plasma with the aid of an MHD-generator model /Eksperimental'noe issledovanie elektroprovodnosti plazmy na modeli MGDG/. 16 p2602 A67-30560

Experimental investigation of the electrical conductivity of plasma using an MHD generator model /Eksperimental'noe issledovanie elektroprovodnosti plazmy na modeli MGDG/. 24 p4196 A67-42209

GERMANO, C. A.

Effect of injection level on carrier lifetime in neutron-irradiated germanium. 04 p0684 A67-15692

GERMEIER, E. M.

Some two-dimensional heat-conduction problems with mixed boundary conditions. 16 p2779 A67-31206

GERMER, H.

A new measurement of the energy gap in superconducting niobium. 23 p4036 A67-40703

GERMER, L. H.

Diffraction study of oxygen adsorption on a /110/ tungsten face. 03 p0447 A67-13647
Secondary scattering of low energy electrons by rows of atoms. 03 p0496 A67-13648

Thermally ordered oxygen on a nickel surface. 19 p3244 A67-34937
Oxidation of the /112/ face of tungsten. 19 p3246 A67-35786

GERMOGENOVA, T. A.

Diffusion of radiation in a spherical envelope surrounding a point source /O diffuzii izlucheniya v sfericheskoi obolochke, okruzhalshechey tochechny istochnik/. 04 p0695 A67-14656

Scattering of solar L sub alpha radiation on galactic hydrogen /Rasseleniye solnechnogo L sub alpha-izlucheniya na galakticheskoy vodorode/. 15 p2549 A67-29144

Scattering of solar Lyman-alpha radiation by galactic hydrogen. 24 p4222 A67-43067

GERMOND, H. H.

A high-accuracy, early-launch tracking

system.

[AAS PAPER 67-42] 15 p2437 A67-30111
GEROPP, D.

Similar solution of compressible laminar boundary-layer equations for nozzle flow /Eine aehnliche Loesung der kompressiblen laminaren Grenzschichtgleichungen fuer eine Duesenstroemung/. 13 p2049 A67-26639

GEROSA, G.

Solution of the discontinuity problem between an unloaded rectangular waveguide and the same waveguide completely loaded with transversely magnetized ferrite /Risoluzione del problema di discontinuita tra una guida d'onda rettangolare vuota e magnetizzata trasversalmente/. 20 p3380 A67-36381

Solution of the discontinuity problem between an empty rectangular waveguide and the same guide completely filled with transversely magnetized ferrite. 22 p3758 A67-39272

GERRARD, J. H.

Measurements on turbulent vortices in a cylinder wake. 01 p0005 A67-10256
Numerical computation of the magnitude and frequency of the lift on a circular cylinder. 07 p1168 A67-19258

GERRIE, J. K.

Effective mockup utilization by the industrial design-human factors team. 05 p0757 A67-17378

GERRITSEN, H. J.

Laser spectroscopy. 07 p1194 A67-19087
Nonlinear effects in image formation. 14 p2319 A67-28495

GERRY, E. T.

Airport glide slope visual range indicator. 23 p3999 A67-41027

GERSCH, H. A.

Second-order Green's-function theory of the Heisenberg ferromagnet. 07 p1237 A67-20141

GERSCH, W. C.

A-7A aircraft maintenance guarantee and the role of training. 18 p2987 A67-34681

GERSHELIS, G. G.

Stability of the solution to a system of ordinary linear differential equations on digital differential analyzers /Ob ustoiichivosti resheniya sistem obyknovennykh lineinykh differentsial'nykh uravnenii na tsifrovyykh differentsial'nykh analizatorakh/. 13 p2072 A67-26348

GERSHENZON, E. M.

Anisotropic electron scattering in Si /Anizotropnoe rasseleniye elektronov v Si/. 10 p1695 A67-23664
Anisotropic scattering of electrons in Si. 17 p2924 A67-33345

GERSHENZON, I. U. M.

Quantitative study of the mechanism of hydrogen combustion near the lower ignition limit /Kolichestvennoe izuchenie mekhanizma goreniya vodoroda vblizi nizhnego predela vosplameneniya/. 03 p0536 A67-13842

GERSHENZON, M.

State of the art in GaP electroluminescent junctions. 04 p0581 A67-15077

GERSHMAN, B. N.

Electron concentration inhomogeneities appearing during the propagation of moving ionospheric disturbances. 07 p1178 A67-19809
Very-low-frequency radio emission of the upper atmosphere and its relationship with other geophysical phenomena. 06 p1324 A67-20862

Ultralow-frequency radio emission and its relation to geophysical phenomena /Ultrazhichastotnoe radioizlucheniye i ego svyaz' s geofizicheskimi lavleniyami/. 17 p2846 A67-32939

GERSHUN, A. S.

Some peculiarities of the volt-ampere characteristics of thin CdS single crystals with non-ohmic contacts. 02 p0296 A67-11831
Dependence of current on time in the In-CdS-In system at various voltages /Zavisimost' sily toka ot vremeni v sisteme In-CdS-In pri razlichnykh napriazheniyakh/. 03 p0490 A67-13157

Investigation of the charge that forms in cadmium sulfide crystals under the effect of an applied electric field /Issledovanie zarlada, obrazuyushchegosya v kristallakh sulfida kadmila pod deystviem prilozhennogo elektricheskogo polya/. 05 p0868 A67-17065

Dependence of current on time in the system In-CdS-In under various voltages. 10 p1690 A67-23105

Investigation of the charge formed in cadmium sulfide crystals under the action of an applied electric field. 15 p2538 A67-29796

GERSHUNI, G. Z.
Stability of a transverse fluid flow between permeable boundaries /Ob ustoiichivosti poperechnogo techeniya zhidkosti mezhdu pronitsaemyimi granitsami/. 10 p1628 A67-23675

Free convection of a conducting fluid in coupled vertical channels /Svobodnaya konveksiya provodivashchey zhidkosti v svyazannykh vertikal'nykh kanalakh/. 20 p3500 A67-37051

On the stability of transverse flow of fluid between permeable boundaries. 21 p3612 A67-38276

GERSTEIN, B. C.
Thermal study of groups II-IV semiconductors - Lattice heat capacities and free energies of formation - Heat capacity of Mg sub 2 Si from 15 deg-300 deg K. 23 p4047 A67-41533

GERSTEIN, M.
Submicron boron nitride as a grease thickener. II. [ASLE PREPRINT 67AM 2C-2] 14 p2325 A67-28785

GERSTEN, K.
Theoretical and experimental investigation on flexible wings /Theoretische und experimentelle untersuchungen an flexiblen Fluegelin/. 03 p0351 A67-12992

German research in the area of hypersonic aerodynamics /Deutsche Forschungsarbeiten auf dem Gebiet der Hyperschallaerodynamik/. 23 p3930 A67-41307
Aerodynamic properties of slender wings at near-ground level /Aerodynamische Eigenschaften schlanker Fluegel in Bodennaeh/. 23 p3930 A67-41310

GERSTEN, R. H.
Statistical properties of orbit perturbations induced by the earth's anomalous gravity. [AIAA PAPER 67-93] 06 p1084 A67-18278
A method for determining satellite illumination during an eclipse by the earth. 16 p2761 A67-30958
Statistical properties of orbit perturbations induced by the earth's anomalous gravity. 21 p3700 A67-37785

GERSTENBERGER, W.
Progress on all weather operations. [SAE PAPER 670348] 17 p2798 A67-32990

GERSTENKORN, H.
The importance of tidal friction for the early history of the moon. 08 p1389 A67-21015
The earth as a Maxwell body. 08 p1325 A67-21211
On the controversy over the effect of tidal friction upon the history of the earth-moon system. 23 p4065 A67-41000

GERSTENKORN, S.
Maps of the plates of a Fabry-Perot /Cartes des lames d'un Fabry-Perot/. 20 p3440 A67-36358

GERSTNER, D.
Some new aspects of thermal instability of the current distribution in power transistors. 02 p0222 A67-12651
Planar technique for germanium /Planartechnik fuer Germanium/. 09 p1555 A67-22037

GERTEL, M.
Derivation of shock and vibration - Test specifications based on measured environments. 06 p0981 A67-18366

GERTSEN, W. M.
Longitudinal handling qualities criteria - An evaluation. [AIAA PAPER 65-780] 17 p2797 A67-32584

GERTSENSHTEIN, M. E.
Noise figure of linear receiving systems in the quantum region. 01 p0022 A67-10393

Pulsating collapse from the point of view of an external observer /Pul'sirulushchii kollaps s tochki zreniya vneshnego nabludatelya/. 05 p0896 A67-16692

Pulsating collapse from the point of view of an external observer. 15 p2556 A67-29863

Concerning the effective generation and observation of gravitational waves. 18 p3117 A67-33527

Direct laser-frequency measurements /K voprosu o priamom izmerenii chastoty lazera/. 19 p3241 A67-36024

GERTSUSKII, D. F.
Improvement of the radiation resistivity of potatoes in conditions of anoxia /Povysheniye

radiorezistentnosti kartofella v usloviyakh anoksi/. 13 p2058 A67-26755

GERULIA, E.
Analysis of photoemulsion data on nuclear interactions at energies greater than 10 super 12 ev /Analiz fotoemul'sionnykh dannyykh o iadernykh vzaimodeystviyakh s energiyami greater than 10 super 12 ev/. 24 p4192 A67-42827

GERUNI, P. M.
An SHF balanced transducer /SVCh balansnyi preobrazovatel'/. 22 p3772 A67-39875

GERUS, T.
Bending strength of large thin-walled pressure-stabilized cylinder beyond onset of compressive skin wrinkling. 03 p0522 A67-13230

GERVAIS DE LAFOND, Y.
Effect of the composition of silicon crystals on the reaction of solar cells to radiation /Influence de la composition de cristaux de silicium sur la tenue aux rayonnements des cellules solaires/. 12 p1896 A67-25150

GERVAIS, R. L.
Design requirements for commercial space stations. [AAS PAPER 67-113] 15 p2557 A67-29961
Reactor power systems for manned earth orbital applications. 24 p4186 A67-42548
Power system design requirements for manned earth orbital commercial application. [AIAA PAPER 67-879] 24 p4187 A67-42998

GERVAISE, A.-M.
Attempt to make a short-term prediction of the IR sub 5 solar activity index /Essai d'une prevision a court terme de l'indice IR sub 5 de l'activite solaire/. 07 p1248 A67-19409

GERWIN, R. A.
Field-aligned flow of a conducting fluid past a source of magnetism. 09 p1549 A67-22399

GESELOWITZ, D. B.
Green's theorem and potentials in a volume conductor. 08 p1288 A67-20601
On bioelectric potentials in an inhomogeneous volume conductor. 11 p1746 A67-23991

GESSING, R.
Difference equations of nonlinear sampled-data systems and their application to the calculation of responses /Rownanie roznicowe nieliniowych ukladow impulsowych i ich zastosowanie do obliczania przebiegow/. 01 p0043 A67-10201

GESSNER, R. L.
Multistage, gas-bearing, helium compressor development. 13 p2057 A67-27681

GESSOW, A.
The changing helicopter. 11 p1743 A67-23993

GETHING, P. J. D.
Mutual-impedance effects for a linear aerial array. 01 p0041 A67-11328
Determination of octantal error on a 4-element Adcock direction finder. 01 p0027 A67-11327

GETMANTSEV, G. G.
Intensity-measurements of radiation at frequencies 725 and 1,525 kc, by means of the receiver on the satellite "Electron-2." 12 p1995 A67-25769

Effect of the motion of the cosmic medium on the polarization of cosmic radiation /O vliyaniy dvizheniya kosmicheskoi sredy na polarizatsiyu kosmicheskogo radioizlucheniya/. 16 p2828 A67-31494

The depolarization problem and a correlation method for measuring the polarization of cosmic radio emission /K voprosu o depolarizatsii i korrelyatsionnom metode izmereniya polarizatsii kosmicheskogo radioizlucheniya/. 22 p3761 A67-39757

GETSOV, L. B.
Heat-resistant casting alloy for gas turbine guide vanes /Litelnyi zharoprochnyy spлав dlia napravlyalushchikh lopatok gazovykh turbin/. 09 p1519 A67-22376

Influence of the structure on the creep resistance of refractory alloys. 12 p1955 A67-25371

GETTY, R. C.
Spacecraft thermal joint conduction. [AIAA PAPER 67-316] 12 p2037 A67-26031
A comparison of cooldown time between internally coated and uncoated propellant lines. 13 p2229 A67-27664

GETTYS, R. F.
Extraction of nautical chart information from color photographs obtained on Gemini orbital flights 4, 5, and 7. 01 p0059 A67-10322

GETZINGER, R. W.
A shock-wave study of recombination in near-stoichiometric hydrogen-oxygen mixtures. 18 p2996 A67-33789

GEUDER, J. C.
Computable error bounds for direct solution of linear equations. 07 p1149 A67-20197

GEUSIC, J. E.
Dielectric and electro-optic properties of lead magnesium niobate. 11 p1803 A67-24834
A new and stable nonlinear optical material. 22 p3863 A67-40236

GEVARTER, W. B.
Attitude control of a flexible, spinning, toroidal manned space station. 17 p2954 A67-32055

GEVORKIAN, G. A.
Bending of plates taking into account moment stresses /Ob izgibeplastin s uchetom momentnykh napriazheniy/. 05 p0907 A67-16016

GEWARTOWSKI, J. W.
Large-signal calculations for the overdriven varactor upper-sideband upconverter operating at maximum power output. 20 p3396 A67-36510

GEWIRTZ, S.
Aviation and public policy. 19 p3348 A67-34976

GEY, W.
Increase of the anisotropy of the energy gap in superconducting thallium under pressure. 07 p1235 A67-20128

GEZA, G.
Increasing the signal capacity of rotating magnetic digital storage devices by structural and organizational methods /Forgo magneses digitalis adattarolok jelkapacitasanak novelese strukturalis es organizacios modszerekkel/. 19 p3186 A67-35584

GHAJ, R. C.
Stress concentration factor for curved beams in pure bending with centroidal hole. 20 p3540 A67-37210

GHATA, J.
Influence of air travel East-West and vice-versa on circadian rhythms of urinary elimination of potassium and 17-hydroxycorticosteroids. 22 p3751 A67-39606

GHAUSI, M. S.
A class of minimum sensitivity amplifiers. 15 p2443 A67-29239

GHEITH, M. A.
Geochemical differentiation in terrestrial environments. 06 p0999 A67-19015

GHELARDONI, G.
Numerical study of the stability problem for Couette flow. 03 p0405 A67-14030

GHEORGHITA-ONCEA, C.
Photovoltaic effect in thin telluride layers /Sur l'effet photovoltaique des couches minces de tellure/. 02 p0294 A67-11758

GHEORGHITA, ST. I.
Development of fluid mechanics in Rumania /Le developpement de la mecanique des fluides en Roumanie/. 05 p0792 A67-16798

GHERTZMAN, L.
Numerical study of a type of perturbation with a symmetrical revolution /Etude numerique d'un type de perturbation a symetrie de revolution/. 02 p0321 A67-11496

GHERZI, E. E.
Atmospheric electricity at Brebeuf College Geophysical Observatory in Montreal, Canada, I. 24 p4181 A67-41792

GHEZZI, U.
Combustion efficiency of a supersonic ramjet /Sul rendimento di combustione di uno statoreattore supersonico/. 01 p0141 A67-11149

Influence of some characteristic parameters on the low frequency instability in bi-propellant rocket engines. 19 p3311 A67-35052

GHIDONI, J. J.
Light and electron microscopic study of primate liver 36 to 48 hours after high doses of 32-million-electron-volt protons. 14 p2254 A67-28064
Hepatic lesions produced by 32 and 55 Mev proton irradiation. 23 p3944 A67-41017

GHILARDUCCI, H. E.
Atmospheric diffusion of rocket motor exhaust clouds.

- [AIAA PAPER 67-280] 07 p1221 A67-20084
GHITA, C.
On the photoionization of cesium vapors by a laser beam. 12 p1973 A67-25396
GHORAI, S. C.
Calculation of stability derivatives by slender-body theory. 17 p2789 A67-32067
GHOSAL, S.
Flow of a compressible fluid in the wake behind a body positioned symmetrical with respect to flow direction. 19 p3170 A67-35610
GHOSH, A. K.
Effect of detachment processes on plasma quenching by electronegative gases. 16 p2720 A67-31238
GHOSH, B.
A method of solution of the basic problems of a finite rectangular plate under a load. 06 p1105 A67-18579
Stress concentration factor for curved beams in pure bending with centroidal hole. 20 p3540 A67-37210
GHOSH, H. N.
Computer-aided transistor design, characterization, and optimization. 17 p2823 A67-32198
GHOSH, N. L.
Observations on the potential flow of real fluids. 20 p3419 A67-36189
GHOSH, S. K.
Shifts in superconducting transition temperature with changes in carrier concentration. 02 p0291 A67-11741
GHOSH, S. N.
Enhancement of LII line /6708 angstrom units/ in the twilight airglow due to thermonuclear explosion. 06 p0998 A67-18705
GHOSH TAGORE, R. N.
Self-diffusion in tellurium. 13 p2179 A67-27156
GHOULA-HOURI, A.
Existence problems in control theory /Problemes d'existence en theorie de la commande/. 19 p3204 A67-35905
GIACAGLIA, G. E. O.
Periodic orbits of collision in the restricted problem of three bodies. 15 p2557 A67-29878
Regularization of the restricted problem of four bodies. 18 p3136 A67-34589
GIACCHETTI, A.
Zeeman effect and configuration interaction in germanium. 16 p2733 A67-31876
GIACCONI, R.
A measurement of the location of the X-ray source SCO X-1. 02 p0308 A67-11771
Progress in X-ray astronomy. [AIAA PAPER 66-1016] 04 p0702 A67-15589
The location and spectra of cosmic X-ray sources. 12 p1995 A67-25761
The size and position of the X-ray source in the Crab Nebula. 13 p2189 A67-26263
An X-ray survey of the Cygnus region. 17 p2937 A67-32648
On the optical search for the X-ray sources Cyg X-1 and Cyg X-2. 17 p2937 A67-32649
GIACOLETTI, L. J.
Three-dimensional representation of transistor characteristics. 24 p4128 A67-41925
GIACOMELLI, L.
A new echo suppressor with selective attenuation. 11 p1754 A67-24651
GIACOMO, P.
Monitoring of transparent thin films differing in optical thickness - Application to very thin films /Contrôle de couches minces transparentes d'épaisseurs optiques quelconques - Application à des couches extrêmement minces/. 13 p2181 A67-27232
GIAEVER, I.
The stress concentration of a notched rotor subjected to centrifugal forces. 01 p0159 A67-10276
GIANNINI, G. M.
EFM phenomena and devices in astronautics. 01 p0014 A67-11408
GIAROLA, A. J.
Theory for the signal suppression in ferrite frequency-selective limiters. 02 p0217 A67-12093
Third-order intermodulation products in a ferrite FSL - Two-signal theory. 05 p0780 A67-17532
A frequency-selective limiter using magnetoelastic instability. 13 p2077 A67-26523
GIAVOTTO, V.
Variational theory of thin shells and panels. 11 p1876 A67-24624
GIBALA, R.
The clustering of oxygen in solid solution in niobium. II. [AD-642957] 17 p2871 A67-32628
GIBB, O. L.
Use of radio frequency bridge for re-entry plasma diagnostics. 08 p1366 A67-21514
GIBBINGS, J. C.
The combination of a contraction with a supersonic nozzle for a wind tunnel. 07 p1126 A67-19630
GIBBON, N. C.
A nonsteady-state thermal-conductivity tester for cryogenic insulations. 22 p3803 A67-40295
GIBBONS, D. F.
Internal friction in 18 pct Ni maraging steels. 05 p0828 A67-16468
GIBBONS, G.
Design principles and construction of planar Ge Esaki diodes. 13 p2083 A67-27572
GIBBONS, H. L.
Medical factors in 1964/1965 fatal aircraft accidents in the Southwest. 01 p0017 A67-10961
GIBBONS, J. F.
Measurement of high-field carrier drift velocities in silicon by a time-of-flight technique. 10 p1690 A67-23167
Graphical analysis of the I-V characteristics of generalized p-n-p-n devices. 22 p3766 A67-39251
GIBBONS, J. H.
Neutron capture and stellar synthesis of heavy elements. 15 p2519 A67-29156
Quantitative tests of s-process in stellar nucleosynthesis for solar system material. 24 p4224 A67-41817
GIBBONS, J. J.
Transverse electromagnetic waves in fully ionized Vlasov plasmas. 08 p1364 A67-21401
GIBBONS, L. V.
Body temperature monitoring in the external auditory meatus. 18 p2995 A67-34709
GIBBS, B. W.
Reflection of circularly polarized electromagnetic waves from an anisotropic plasma. 20 p3389 A67-37707
GIBBS, J. E.
The spectral transmission at infra-red wavelengths of Michelson interferometers with dielectric film beam-dividers. 06 p1005 A67-18716
GIBBS, P.
The effect of pressure on fatigue. 23 p4075 A67-40666
GIBBS, W. E. K.
Formation time and resonator loss in a Q-switched ruby laser. 20 p3458 A67-36432
GIBEAUT, W. A.
Coatings of High-Temperature Materials. 19 p3244 A67-34956
Properties of coated refractory metals. 19 p3244 A67-34958
GIBERT
Weightlessness and french experiments in space biology /La non pesanteur et les expériences biologiques spatiales Françaises/. 03 p0364 A67-13927
GIBSON-WILDE, B. C.
The equatorial anomaly in the Australasian zone during sunspot minimum. 22 p3759 A67-39473
GIBSON, A.
Plasma confinement during a period of reduced fluctuations in "ZETA." 11 p1827 A67-23887
Trajectories of magnetic field lines in toroidal stellarators. 21 p3662 A67-37753
GIBSON, A. F.
Amplification and detection of high-power laser pulses at 10.6 μ m. 09 p1514 A67-22273
GIBSON, A. R.
Missile and space support. 22 p3781 A67-40342
GIBSON, C. H.
Measurements of turbulent velocity and temperature fluctuations in the wake of a sphere. [AIAA PAPER 67-20] 06 p0987 A67-18347
GIBSON, E. D.
Exceptionally cost-effective error control for data communications. 01 p0023 A67-10485
"simulcast" - Simultaneous broadcasting. 02 p0202 A67-12128
GIBSON, E. G.
Ionization phenomena in a gas-particle plasma. 08 p1360 A67-21124
GIBSON, G. A.
The use of Legendre polynomial expansions in solving optimal control problems in the space i super
2. 23 p3983 A67-40647
GIBSON, G. F.
A methodology for the technical evaluation and rating of space science experimental payloads. 22 p3903 A67-39950
GIBSON, J. W.
Superconducting properties of germanium telluride. 06 p1069 A67-18981
GIBSON, L. A.
Hydrogen reliquefaction in earth orbit. 13 p2091 A67-27636
GIBSON, P. J.
A simple diode parametric amplifier design for use at S, C, and X band. 09 p1474 A67-22085
GIBSON, R.
Germanium-silicon, lead telluride, and bismuth telluride alloy solar thermoelectric generators for Venus and Mercury probes. 08 p1286 A67-20737
GIBSON, R. N., JR.
Design and performance of a thermal storage resistor. [AIAA PAPER 67-662] 21 p3690 A67-38698
GIBSON, W. A.
Neutron and proton spectra from targets bombarded by 160-Mev protons. 23 p4028 A67-40739
GIBSON, W. E.
Stochastic model for turbulent, reacting wakes. [AIAA PAPER 65-818] 01 p0007 A67-11168
A turbulent-wake model with axial, laminar diffusion. 06 p0943 A67-18870
Turbulent wake studies - Fluid-dynamic structure of turbulent wakes. [AIAA PAPER 67-22] 07 p1168 A67-19431
GIBSON, W. G.
A scan converter for Apollo television. 06 p0964 A67-18413
GICKING, D. S.
Radioactive dispersions for radioactive ablation sensors. [AIAA PAPER 65-363] 19 p3227 A67-34821
GIDALEVICH, E. IA.
Propagation of shock waves in a gas-dust medium. II. 04 p0701 A67-15556
GIDASPOW, D.
Thermal design of molten carbonate fuel cells. 13 p2055 A67-26842
Heat transfer in a fuel cell battery - Maximum battery temperatures. 20 p3364 A67-37016
GIDDENS, D. P.
The discrete ordinate method for unsteady linearized Boltzmann Bhatnagar-Gross-Krook equation. 08 p1324 A67-21409
Rarefied gas flow between parallel plates based on the discrete ordinate method. 13 p2092 A67-26277
The discrete ordinate method for the linearized boundary value problems in kinetic theory of gases. 13 p2101 A67-26962
Rayleigh's problem at low Mach numbers based on kinetic theory. 15 p2473 A67-30214
GIDDINGS, H.
Supersonic civil aircraft. 24 p4093 A67-41886
GIDDIS, A. R.
An electronically despun array for VHF communications by satellite. 14 p2288 A67-28693
Scientific exploration of comets - A mission study. 16 p2745 A67-30750
GIDEON, J. B.
Oscillations of electric arcs in argon cross-flow. 17 p2906 A67-33037
GIEDT, R. R.
Kinetics of hydrogen halides in shock waves - HCl and DCl. 11 p1750 A67-24995
GIEDT, W. H.
Heat transfer measurements from a partially dissociated gas with high Lewis number. [ASME PAPER 65-WA/HT-27] 03 p0537 A67-14012
The effect of mass injection on heat transfer from a partially dissociated gas stream. [ASME PAPER 66-WA/HT-24] 04 p0725 A67-15444
Contact conductance measurements during transient heating. 04 p0735 A67-15853
GIEP, N. C.
Program attachment to standard fatigue testing machines. 13 p2217 A67-26796
GIERGLIARELLI, G.
Reliability of radio link communications /La fidabilità dei collegamenti in ponte radio/. 18 p3002 A67-34229

- GIERKE, G. V.
Resistive diffusion of cesium plasma in a stellarator. 01 p0125 A67-10914
- GIERULA, J.
Multiple meson production by heavy primary nuclei of cosmic origin and their fragmentation products at energies above 10 super 12 ev. 20 p3518 A67-37092
- GIERYN, H. T.
Reliability development on the GE4. [SAE PAPER 670317] 17 p2929 A67-32979
- GIESE, C.
State variable difference methods for digital simulation. 18 p3005 A67-33662
- GIESE, J. H.
Parametric representations of non-steady one-dimensional flows. 01 p0052 A67-10520
Parametric representations of nonsteady one-dimensional flows - A correction. 24 p4145 A67-42691
- GIESE, R.-H.
Exploration of the interplanetary medium from lunar and cislunar space. 04 p0700 A67-15072
- GIESEKE, J. A.
Methods of measuring slough characteristics of clean packaging materials. 23 p3986 A67-40847
- GIESING, J. P.
Nonlinear two-dimensional unsteady potential flow with lift. [AIAA PAPER 66-968] 02 p0178 A67-12291
Potential flow about two-dimensional hydrofoils. 13 p2095 A67-26910
- GIESSEN, E. A.
Ferroelectric and optical properties of K₂Sr sub 2 Nb sub 5 O sub 15. 24 p4204 A67-42366
- GIFFORD, R. N.
Tracking performance with advanced and delayed visual displays. 18 p2994 A67-34339
- GIFT, R. D.
Some difficulties of operating liquid systems in a vacuum. 01 p0055 A67-11386
- GIGALASHVILI, T. S.
Report on the performance of the Tskhra-Tskaro facility, and preliminary data on the free path of nuclear-active particles with energies from 10 super 11 to 10 super 12 ev in carbon /Soobshchenie o rabote ustanovki "Tskhra-Tskaro" i predvaritel'nye dannye o svoobodnom probege laderno-aktivnykh chastits s energiei 10 super 11 -10 super 12 ev v uglerode/. 24 p4219 A67-42845
- GIGGINS, C. S.
Formation and degradation mechanisms of aluminide coatings on nickel-base superalloys. 16 p2693 A67-31871
- GIGLIO, M.
Coupling effects in a passive Q-switched ruby laser. 01 p0090 A67-10813
Dynamics of the laser radiation at threshold. 21 p3640 A67-38355
- GIGNOUX, D.
Electrostatic generators in space power systems. [AIAA PAPER 64-450] 04 p0554 A67-15251
- GIKHMAN, I. I.
Low-frequency noise spectrum of p-n junctions /O spektre nizkочастотnykh shumov v elektronnodyrochnykh perekhodakh/. 22 p3858 A67-39573
- GILAT, J.
Uranium content of chondrites by thermal neutron activation and delayed neutron counting. 21 p3704 A67-38505
- GILBERT, A.
Substructural strengthening of a precipitation hardened molybdenum alloy. 11 p1805 A67-24108
Abundance anomalies produced by nuclear reactions in stellar surface layers. 24 p4228 A67-42263
- GILBERT, C. A.
Sodium and water excretion and renal hemodynamics during lower body negative pressure. [SAM-TR-65-329] 24 p4110 A67-41801
- GILBERT, D. W.
A summary of the Apollo engineering simulation program. [AIAA PAPER 67-230] 07 p1164 A67-20055
- GILBERT, G. A.
Navigation for general aviation. 19 p3256 A67-35861
- GILBERT, H. E.
Vela 3 satellite observations of solar wind ions - A preliminary report. 07 p1244 A67-19919
- GILBERT, J. E.
Stability of general systems. 18 p3079 A67-34286
- GILBERT, L. M.
A Reynolds number scaling theory for hypersonic ablation. [AIAA PAPER 67-155] 06 p1117 A67-18478
- GILBERT, R. P.
On the analytic properties of solutions for a generalized, axially symmetric Schrodinger equation. 08 p1346 A67-20355
- GILBEY, D. M.
A simple model for gas-solid energy exchange. 13 p2098 A67-26939
Perturbation theories of the thermal accommodation coefficient. 13 p2223 A67-26940
- GILBO, E. P.
Optimal non-linear transformation of signals from several instruments, taking the unreliability of their operation into account. 01 p0043 A67-10238
- GILCHRIST, C. F.
Results from satellite /ANNA/ geodesy experiments. 07 p1176 A67-19766
- GILCHRIST, J. D.
A manual optimal guidance scheme using a predictive model. 19 p3259 A67-35989
- GILCHRIST, J. LE G.
Microwave surface resistance of type II superconductors. 05 p0871 A67-17375
- GILDEN, M.
High power pulsed avalanche diode oscillators for microwave frequencies. 19 p3196 A67-35627
- GILDWARG, P.
Limb-darkening observations from 1800 to 2800 angstrom units. 17 p2945 A67-32647
- GILES, A. F.
Electronic sensing devices. 19 p3230 A67-35533
- GILES, D. W.
Thin-film circuits - A review. 08 p1301 A67-20789
- GILES, W. B.
Spectral analysis of pump-cavitation noise. 21 p3613 A67-38437
- GILFILLAN, R. S.
Chronic intravascular catheterization - A technique for implanting and maintaining arterial and venous catheters in laboratory primates. 10 p1601 A67-23627
- GILHEANY, J. J.
Operation Moon Blink and report of observations of lunar transient phenomena. 18 p3134 A67-34535
- GILINSKII, S. M.
Supersonic flow of a hot gas mixture past a sphere /Sverkhzvukovoe otekaniye sfery goruchel smes'lu gazov/. 03 p0349 A67-12864
Transition of the supersonic flow of a combustible gas mixture to a Chapman-Jouguet regime /O perekhode sverkhzvukovogo techeniya goruchel smesi gazov k rezhimu Chepmena-Zhuga/. 18 p3028 A67-34214
- GILL, A. E.
The boundary-layer regime for convection in a rectangular cavity. 04 p0719 A67-14460
- GILL, F. L.
Assuring secure assemblies with mechanical fasteners. [ASME PAPER 67-DE-3] 14 p2327 A67-28865
- GILL, I. L.
Aircraft radio range finder /Samoletnyi radiodal'nomer/. 11 p1793 A67-24863
- GILL, K. F.
A theoretical look at the use of functional nonlinearities in a gas turbine control system. 01 p0011 A67-10167
Determination of root loci. 11 p1756 A67-24639
Stability analysis for the practical engineer. 21 p3602 A67-38129
- GILL, P. S.
A study of asymmetry in the lateral distribution of shower particles near sea level. 01 p0145 A67-11230
- GILL, R. B.
Progress in thin film GaAs solar cells. 23 p4046 A67-41493
- GILL, S. S.
A lower bound to the limit pressure of a cylindrical pressure vessel with an unreinforced hole. 08 p1421 A67-20921
- GILL, W. N.
Heat transfer and binary diffusion with thermodynamic coupling in variable-property forced convection on a flat plate. 06 p1116 A67-18380
- GILLE, J. C.
Systematic examination of elements with multilinear characteristics in servosystems /Traitement systematique des elements a caracteristique multilinaire dans les systemes asservis/. 02 p0224 A67-11529
- GILLE, J. P.
Distortion of a free surface during tank discharge. 02 p0233 A67-11945
A model to approximate the effects of propellant slosh on vehicle dynamics under zero gravity conditions. 22 p3907 A67-40180
- GILMOT, L. F.
Low-cycle fatigue by constant amplitude true mean stress. 16 p2774 A67-31318
- GILLES, P.
Perturbations of telemetry links after reentry into the atmosphere /Perturbations de la liaison telemesure lors de la rentree dans l'atmosphere/. 21 p3581 A67-38228
- GILLESPIE, C. J.
Effects of film geometry on superconductive tunneling. 17 p2922 A67-33058
- GILLESPIE, R. W.
Venus-swingby mission mode and its role in the manned exploration of Mars. [AIAA PAPER 66-37] 07 p1248 A67-19363
- GILLET, J. M.
Retinal angiomatosis and aircrew fitness /Angiomatose retinienne et aptitude au personnel navigant/. 23 p3945 A67-41071
- GILLET, M.
Structure of thin tungsten films /Structure des films minces de tungstene/. 15 p2535 A67-29477
- GILLET, F. C.
Infrared observations of the planetary nebula NGC 7027. 24 p4225 A67-41830
- GILLETTE, H. R.
A special purpose multiprogramming system for a computer-controlled telemetry data reduction system. 02 p0206 A67-11807
- GILLETTE, R. B.
Effects of protons and alpha particles on thermal properties of spacecraft and solar concentrator coatings. [AIAA PAPER 65-649] 03 p0448 A67-13054
Development of a barrier-layer anodic coating for reflective aluminum in space. 10 p1671 A67-23744
Proton radiation effects on solar concentrator reflective surfaces. [AIAA PAPER 67-341] 12 p1957 A67-26055
- GILLI, P. V.
Evaluating thermodynamic parameters and selecting flow schemes for closed-cycle MHD power plants. 16 p2603 A67-30563
- GILLIBRAND, M. I.
A 1 kw hydrogen fuel battery. 09 p1445 A67-22184
A 1 kw hydrogen fuel battery. 22 p3749 A67-40231
- GILLIES, D. C.
Strain in metal carbides. 20 p3467 A67-37122
- GILLIGAN, J. E.
The induced optical properties of zinc oxide. [AIAA PAPER 67-214] 06 p1052 A67-18514
Iso-irradiance contours close to a high pressure mercury arc lamp. [AIAA PAPER 67-315] 12 p2037 A67-26030
New aspects of thermophysics in advanced planetary exploration. 24 p4227 A67-42041
- GILLILAND, M. C.
A spectral stability analysis of finite difference operators. 08 p1296 A67-20600
- GILLINGHAM, A. G. A.
A thin film technique for interconnecting integrated circuits in digital systems. 14 p2280 A67-28016
- GILLIS, J. R.
A study of primate skin and body particulate matter and indigenous primate microflora. 23 p3944 A67-40856
- GILLIS, P. P.
Manson-Coffin fatigue. 04 p0707 A67-14512
- GILLY, J. P.
Approximate determination of the configuration of the detached shock wave, the sonic line, and the pressure distribution on a blunt body in supersonic and hypersonic flows. II - Determination of the sonic line and the pressure distribution on the surface of the obstacle /Determination approchee de la forme de l'onde de choc detachee, de la ligne sonique et de la repartition des pressions sur un corps emousse en ecoulement supersonique et hypersonique. II - Determination de la ligne sonique et de la repartition de pression a la surface de l'obstacle/. 02 p0178 A67-12042
- GILMAN, G. I.
Reaction of atomic oxygen ions with

- vibrationally excited nitrogen molecules. 17 p2889 A67-33201
- GILMAN, H. P.**
The 0.5 Mev gamma ray flux and the energy loss spectrum in CsI/tl/ at 4 g/cm super 2. 16 p2739 A67-31406
- GILMAN, J. J.**
Monocrystals in mechanical technology. 06 p1013 A67-17795
Dynamic criteria for crack nucleation and growth. 16 p2772 A67-31305
- GILMAN, J., JR.**
A wind-tunnel technique for measuring frequency-response functions for gust load analyses. [AIAA PAPER 65-787] 03 p0354 A67-12908
- GILMAN, P. A.**
Hydromagnetic energy balance equations for the solar atmosphere. 06 p1089 A67-18738
Stability of baroclinic flows in a zonal magnetic field. I. 12 p1963 A67-25338
Stability of a continuous baroclinic flow in a zonal magnetic field. 19 p3253 A67-35918
- GILMORE, H. F.**
Models of the point spread function of photographic emulsions based on a simplified diffusion calculation. 09 p1496 A67-21708
- GILMORE, H. L.**
Aerospace castings produced from magnesium-lithium-silicon alloy. 07 p1193 A67-20254
Human factors engineering in reentry system design. 09 p1456 A67-22290
- GILMORE, L. P.**
Lubrication of ball bearings with volatile organic compounds. 01 p0077 A67-10120
- GILMOUR, A. S., JR.**
Pulsed vacuum-arc microthrusters. [AIAA PAPER 67-737] 21 p3695 A67-38759
- GILMOUR, G. A.**
New developments in logarithmic amplifiers. 12 p1915 A67-25858
- GILREATH, H. E.**
Tangential slot injection in supersonic flow. [AIAA PAPER 67-198] 06 p0987 A67-18300
- GILSON, L. A.**
Design principles for sampled-data systems with application to attitude control of a large, flexible booster. 21 p3713 A67-38027
- GILSON, V. A.**
Fabry-Perot fringe enhancement. 17 p2869 A67-33294
- GILTROW, J. P.**
Factors affecting the endurance of rubbed lubricant films of lamellar solids. 16 p2681 A67-30853
Friction and wear of polymers reinforced with carbon fibres. 16 p2694 A67-31021
- GILTS, B. V.**
Indeterminate recognition /game-type/ and prediction systems /Indeterminovan /igrovi/ rozpisnaluhi i peredbachaluhi sistemi/. 13 p2088 A67-27022
- GILVARRY, J. J.**
Derivation of relations between temperature-perturbed Thomas-Fermi functions. 05 p0848 A67-16132
- GIMLETT, J. I.**
Image smears. 24 p4157 A67-42603
- GIMSE, O.**
A spectacular activation of a prominence on March 25, 1967. 23 p4060 A67-41234
- GINAT, M.**
The large two-mirror radiotelescope of the Nancy station. II /Le grand radiotelescope a deux miroirs de la station de Nancy. II/. 19 p3193 A67-35462
- GINDIN, I. A.**
High-sensitivity indicator of magnetic field variations, based on the Barkhausen effect /Vysokochuvstivitel'nyi induktivnyi differentsial'nyi tenzometr s elektricheskoi ustanovkoi nulla/. 06 p1002 A67-17941
Investigation into plastic behaviour of zone refined and prestrained Be single crystals. 13 p2137 A67-27111
Highly sensitive inductive differential strain gauge with electric zero adjustment. 18 p3046 A67-33777
Effect of programmed ageing on the ductility of beryllium single crystals. 19 p3245 A67-35470
- GINELL, W. S.**
Theory of anomalous infrared attenuation in neutron-irradiated compound semiconductors. 11 p1850 A67-24910
- GINEVSKII, A. S.**
A note on the calculation of flow friction in channels with and without separated flow. 04 p0549 A67-15602
- Regularities in the expansion of turbulent jet flow with zero excess impulse /Zakonomenosti rasprostraneniia turbulentnogo struinogo techeniia s nulevym izbytochnym impul'som/. 06 p0982 A67-17742
Effect of initial turbulence on the characteristics of an axisymmetrical submerged jet /Vliianie nachal'noi turbulentnosti potoka na kharakteristiki osesimmetrichnoi zatoplennoi strui/. 11 p1779 A67-24320
Acoustic modification of the aerodynamic characteristics of a turbulent jet /Akusticheskoe vozdeistvie na aerodinamicheskie kharakteristiki turbulentnoi strui/. 22 p3785 A67-40019
- GINOUX, J. J.**
Boundary layer instability on sweptback wings /Instabilite de la couche limite sur ailes en fleche/. 23 p3928 A67-41247
- GINSBURG, D. M.**
Far-infrared absorption in superconducting niobium alloys. 17 p2925 A67-33373
- GINSBURG, L. J.**
Performance of a Mars soft lander with staged propulsion. [AIAA PAPER 67-987] 24 p4246 A67-43059
- GINSBURG, B. R.**
Instrumentation system qualification. 01 p0073 A67-11112
Flowrate measurements for spacecraft thrusters. 03 p0422 A67-13776
- GINTSBURG, M. A.**
The acceleration of particles in cosmic plasma. 04 p0701 A67-15555
Interpretation of magnetic measurements on "Pioneer-1" and its geophysical corollaries. 11 p1786 A67-24078
- GINTZBURG, M. A.**
Electron and ion acceleration by nonlinear waves near the earth. 15 p2475 A67-29613
- GINZBURG, E. I.**
Disturbance of the lower ionosphere caused by a radio pulse /Vozmushchenie nizhnego ionosfery radio-impul'som/. 10 p1630 A67-22791
Disturbance of the lower ionosphere by a radio pulse. 24 p4149 A67-42127
- GINZBURG, I. P.**
Aerogas dynamics /Aerogazodinamika/. 05 p0747 A67-16173
Turbulent MHD boundary layer in a fluid of constant electrical conductivity /Turbulentnyi magnitogidrodinamicheskii pogranichnyi sloi v zhidkosti s postoiannoii elektroprovodnost'iu/. 06 p1043 A67-18872
Turbulent MHD boundary layer in a compressible fluid /Turbulentnyi magnitogidrodinamicheskii pogranichnyi sloi v szhimaemol' zhidkosti/. 13 p2169 A67-27312
Turbulent MHD boundary layer in the presence of a linear pressure gradient /Turbulentnyi MGD-pogranichnyi sloi pri nalichii prodol'nogo gradienta davleniia/. 21 p3665 A67-38244
- GINZBURG, L. E.**
Investigation of the dust content of air near the Mi-1 and Mi-4 helicopters under operational conditions /Issledovanie zapylenosti vozdukhia vblizi vertoletov Mi-1 i Mi-4 v ekspluatatsionnykh usloviakh/. 11 p1744 A67-24530
- GINZBURG, L. P.**
Theory of transport in NiO and Fe sub 2 O sub 3 semiconductors /K teorii perenosa v poluprovodnikakh tipa NiO, Fe sub 2 O sub 3/. 15 p2533 A67-29315
Influence of turbulent Pr number on friction and heat transfer at a plate immersed in a turbulent gas stream. 24 p4143 A67-42283
- GINZBURG, S. A.**
Optimal reception of narrow band optical signals /Optimal'nyi priem uzakopolosnykh opticheskikh signalov/. 05 p0764 A67-16913
Optimum reception of narrow-band optical signals. 16 p2623 A67-30890
- GINZBURG, S. I.**
Total power effect of a stationary gas flow on a rectilinear plate grid /Summarnoe silovoe vozdeistvie statsionarnogo potoka gaza na priamolineinuiu reshetku plastin/. 03 p0353 A67-14082
Pressure center of a profile in a plane rectilinear cascade /O tsentre davleniia profil'a v ploskoi priamolineinnoi reshetke/. 19 p3169 A67-34884
- GINZBURG, V. L.**
X-ray emission from radio galaxies /O rentgenovskom izlucheni
- radiogalakтик/. 02 p0308 A67-12482
Fundamental problems in cosmic ray astrophysics. 02 p0310 A67-12577
Relativistic electrons in Galaxy M82. 02 p0310 A67-12578
Origin of cosmic rays. 05 p0882 A67-16362
X-radiation of radio galaxies. 10 p1702 A67-23350
Powerful X-ray emission of radio galaxies. 14 p2381 A67-28427
- GIORDMAINE, J. A.**
Optical parametric oscillation in the visible spectrum. 02 p0253 A67-12511
- GIORGI, A. L.**
Superconductivity of technetium and technetium carbide. 05 p0860 A67-16389
- GIOT, M.**
Equipment in the nose cones of rockets in C.E.R.M.A. biological experiments /L'equipement des pointes de fusées destinées aux expériences biologiques du C.E.R.M.A./.. 03 p0366 A67-13928
- GIOVANELLI, R.**
The electric arc originating from an induced electric field under steady-state conditions. II /L'arco elettrico originato da un campo elettrico indotto, condizioni stazionarie. II/. 04 p0671 A67-15612
Plasma in space propulsion /Il plasma nella propulsione spaziale/. 17 p2928 A67-32226
Plasma in space propulsion. III /Il plasma nella propulsione spaziale. III/. 19 p3311 A67-35571
- GIOVANELLI, R. G.**
Sunspot minima. 13 p2202 A67-27418
Methods and techniques for the observation of sunspots in white light. 13 p2202 A67-27421
- GIRAGOSIAN, P. A.**
Systems considerations for a planetary entry probe. 01 p0156 A67-11424
Vehicular design for a planetary atmospheric measurement probe. 19 p3332 A67-35315
Aerothermodynamic considerations for a planetary entry probe. 22 p3907 A67-40177
- GIRARD, A.**
Experimental analysis of the infrared contrast between the earth and space /Analyse experimentale du contraste infrarouge entre la terre et l'espace/. 10 p1637 A67-23196
Image analysis by Fourier transformation into incoherent illumination /Analyse d'image par transformation de Fourier en eclairage incoherent/. 16 p2671 A67-30863
Possibilities offered by a spectrometer with selective modulation /Possibilités offertes par un spectrometre a modulation selective/. 20 p3438 A67-36348
- GIRARD, J.**
Space electronics in France /L'electronique spatiale en France/. 20 p3399 A67-36879
- GIRARD, J. P.**
Dissociation of H sub 2 super plus ions by the Lorentz force /Dissociation par la force de Lorentz d'ions H sub 2 super plus/. 04 p0671 A67-15645
- GIRAUD, A.**
Preliminary results of radio observations of sporadic meteors /Resultats preliminaires d'observations radioelectriques des meteoros sporadiques/. 14 p2390 A67-28900
Ion mass spectrometers with magnetic deviation and their applications to the study of the ionosphere /Spectrometres de masse ionique a deviation magnetique et leurs applications a l'etude de l'ionosphere/. 21 p3628 A67-38657
- GIRAYTYS, J.**
Meteorological rocket network probing of the stratosphere and lower mesosphere. 02 p0239 A67-12535
- GIRNIKOV, Z. S.**
Calculation of the transient processes in field triodes with an insulated gate for the saturated mode of operation. 03 p0386 A67-13956
- GIRES, F.**
Experimental studies of saturable optical absorption. 05 p0822 A67-16677
- GIRI, R. R.**
Magnetoelastic disturbances in a transversely isotropic elastic cylinder in a magnetic field. 05 p0847 A67-17278
- GIRIAT, W.**
Quantum oscillations in HgTe. 14 p2369 A67-28598
The effects of sub-threshold electron

- Irradiation on surface recombination in Ge and Si. 17 p2916 A67-32834
- GIRIFALCO, L.**
Structure and properties of aluminum oxide whiskers. 13 p2141 A67-27186
- GIRON, D. J.**
Effect of a space cabin environment on viral infection. 21 p3574 A67-38080
- GIROTTI, H.**
Theory of argon breakdown under the effect of laser radiation /Theorie du claquage de l'argon sous l'effet du rayonnement d'un laser/. 17 p2869 A67-32804
- GIRSHOVICH, T. A.**
Theoretical and experimental investigation of a flat turbulent jet in a cross wind /Teoreticheskoe i eksperimental'noe issledovanie ploskoi turbulentnoi strui v snosiaschem potoke/. 03 p0401 A67-12878
- GISINA, F. A.**
The effect of mean velocity and temperature gradients on the spectral characteristics of turbulence. 11 p1815 A67-23955
- GISMONDI, E.**
A new method for measuring the thrust of a rocket engine /Su un nuovo metodo di rilievo della spinta di un endoreattore/. 08 p1375 A67-20779
- Transitional combustion phenomena in solid-propellant rocket motors in unsteady conditions /Fenomeni transitori di combustione in endoreattori a propellente solido in condizioni non stazionarie/. 08 p1373 A67-20781
- GISPERT, H.-G.**
Line-of-sight system of air-to-air missiles /Ueber das Zieldeckungsverfahren fuer Luft-Luft-Abwehrflugkoerper/. 02 p0265 A67-12731
- GISS, W. A.**
Exhaust gas flowfield from the deflection of twin jets. 17 p2797 A67-32568
- GITELSON, I. I.**
Experimental biological life support system. II. 19 p3180 A67-35236
- GITELSON, I. I.**
Algal continuous culture as a component of the closed ecological system /Nepriyvnaia kul'tura mikrovdoroslei v kachestve zvena zamknutoi ekologicheskoi sistemy/. 24 p4114 A67-41844
- Gas exchange between man and a microalgae culture during a 30-day experiment /Gazoobmen mezhdru chelovekom i kul'turoi mikrovdoroslei v 30-sutochnom eksperimente/. 24 p4114 A67-41845
- GITLOW, B.**
Rankine cycle powerplant characteristics for electric propulsion manned Mars mission. [AIAA PAPER 68-894] 03 p0504 A67-14274
- Rankine cycle powerplant characteristics for electric propulsion manned Mars mission. 22 p3869 A67-40173
- GITOMER, S. J.**
Measurement of the anisotropic energy distribution of electrons in an electron cyclotron resonance plasma. 18 p3093 A67-34756
- GITS, I. D.**
Statement of the problem of control system synthesis for a fatigue testing process /Postanovka zadachi sintezu sistem keruvannia protsesom vtomlenislukh viprobuvan'/. 06 p1101 A67-18239
- GITTLEMAN, J. I.**
Transition of type-I superconducting thin films in a perpendicular magnetic field - A microwave study. 22 p3856 A67-39437
- GIUFFRE, S.**
Nonequilibrium line radiation for generalized Lorentz profiles in a spherical plasma of large optical thickness. 13 p2166 A67-26728
- GIULIANINI, A.**
Contribution to the study of motions starting from rest /Un contributo allo studio dei moti che partono dalla quiete/. 09 p1487 A67-21847
- GIULIANO, C. R.**
Nonlinear absorption of light - Optical saturation of electronic transitions in organic molecules with high intensity laser radiation. 22 p3817 A67-40487
- GIULIANO, M. N.**
A systems approach to a compatible family of linear integrated circuits. 06 p0967 A67-17813
- GIUNASHVILI, D. A.**
Setup for the study of the evaporation process and pore formation under stresses /Ustanovka dlia issledovaniia protsessi isparenii i poroobrazovaniia pod napriazheniem/. 03 p0424 A67-14058
- GIUNNINEN, E. M.**
Propagation of long and ultralong radio waves in the waveguide channel formed by the earth and the ionosphere /Rasprostranenie dlennykh i sverkhdlennykh radiovoln v volnovodnom kanale zemliatnosfera/. 21 p3580 A67-38116
- The quasi-static approximation in the problem of the diffraction of waves on a sphere /O kvazistaticheskoi priblizhenii v zadache difraktsii voln na sfere/. 21 p3580 A67-38121
- The attenuation function for a spherical earth with an arbitrary surface impedance /Funktsiia oslableniia dlia sfericheskoi zemli s proizvol'nym poverkhnostnym impedansom/. 21 p3580 A67-38122
- GIUPPONI, P.**
Plasma irradiated in a magnetic field. 24 p4199 A67-43104
- GIURA, F.**
VFW/Fiat VAK 191B - Joint project for a VSTOL strike aircraft. 23 p3934 A67-41255
- GIURDZHIAN, A. A.**
Effect of prolonged acceleration on gas exchange and resistance to hypoxia in rats /O vliianii prodolzhitel'nykh uskorenii na gazoobmen i ustoiчивost' k gipoksii u krysov/. 01 p0016 A67-11425
- Results of medical investigations made on the spaceships Voskhod and Voskhod-2. 08 p1288 A67-21111
- GIUTRONICH, J.**
Ice nucleating properties of meteoritic material. 24 p4231 A67-42371
- GIVEN, P. S.**
Rolling bearing selection for turbine engines. [SAE PAPER 670060] 09 p1508 A67-22534
- GIVENS, E. R.**
Bending strength of spur gear teeth. [AHS PAPER 118] 16 p2684 A67-31834
- GIVER, L. P.**
High-dispersion spectroscopic observations of Mars. I. 03 p0514 A67-14309
- Molecular hydrogen features in the spectra of Saturn and Uranus. 04 p0696 A67-14738
- High-dispersion spectroscopic observations of Mars. II. [JPL-TR-32-1048] 09 p1566 A67-22235
- GIWA, F. B. A.**
Thermal conduction and viscosity and the choice of the upper-level boundary condition in the theory of atmospheric oscillations. 13 p2114 A67-26742
- GLADKICH, N. T.**
Microstructure and microhardness of evaporated films as a function of the condensation conditions /Mikrostruktur und Mikrohaerte von aufdampfschichten in Abhaengigkeit von den Bedingungen der Kondensation/. 02 p0286 A67-11707
- GLADKII, B. I.**
The change in the current voltage characteristic of a GaAs quantum generator during the transition from amplification to generation /Izmenenie kharakteristiki tok-napriazhenie gaas kvantovogo generatora pri perekhode ot usileniia izlucheniia k rezhimu generatsii/. 04 p0678 A67-15132
- Changes in the current-voltage characteristics of lasers during the transition from amplifier to the laser modes of operation. 12 p1951 A67-25156
- GLAESER, W. A.**
High-temperature bearing materials. 14 p2324 A67-28001
- GLAETTLI, H. H.**
Moving part versus non-moving part elements. 08 p1281 A67-20454
- Mach- and cavitation number effects in fluid dynamic elements and circuits. 08 p1320 A67-20455
- GLAGOLEV, A. I.**
Supersonic flow past an obstacle in the form of a gas jet on a plate /Obtekanie strui'nogo gazoobraznogo preplatstva na plastine sverkhzvukovym potokom/. 18 p3027 A67-34207
- GLAGOLEV, V. M.**
Toroidal traps for a plasma with a spatial magnetic axis /Toroidal'nye lovushki dlia plazmy s prostranstvennoi magnitnoi osiu/. 01 p0121 A67-10342
- Paramagnetic effect under the action of a radiofrequency pressure and electron parametric resonance in a plasma. 07 p1228 A67-19512
- Toroidal plasma traps with three-dimensional magnetic axes. 11 p1843 A67-25015
- GLAISTER, D. H.**
Effects of simulated weightlessness upon the cardiovascular system. 17 p2805 A67-31952
- Transient changes in arterial oxygen tension during acceleration. 23 p3958 A67-41653
- GLAMKOWSKI, P. T.**
A computerized method of optimizing the design of airborne photo-optical recording systems using modulation transfer function analysis. 16 p2678 A67-31792
- GLANGEAUD, F.**
Detection of a background noise of quasi-steady-state spectral composition in geomagnetic variations on the ground /Mise en evidence d'un bruit de fond de composition spectrale quasi stationnaire pour les variations geomagnetiques au sol/. 10 p1632 A67-22856
- Detection of a long-duration monochromatic emission with a worldwide character in the frequency spectrum of a magnetic storm /Mise en evidence, dans le spectre de frequence d'un orage magnetique, d'une emission monochromatique de longue duree, a caractere mondial/. 18 p3041 A67-34193
- GLANDORFF, P.**
Variational properties of the local fluctuation potential in hydrodynamics /Proprietes variationnelles du potentiel local de fluctuations en hydrodynamique/. 16 p2661 A67-31440
- GLASER, D. A.**
An automated system for the growth and analysis of large numbers of bacterial colonies using an environmental chamber and a computer-controlled flying-spot scanner. 20 p3453 A67-37598
- GLASER, P. E.**
The potential of lunar resources. 06 p1092 A67-19029
- The role of solar furnaces in the processing of extraterrestrial resources. 08 p1317 A67-21094
- Cryogenic storage on the moon. [AIAA PAPER 67-296] 12 p1926 A67-26011
- What you should know about cryogenic insulations. 20 p3553 A67-36885
- A double-guarded cold-plate thermal-conductivity apparatus. 22 p3803 A67-40294
- An improved guarded-cold plate thermal-conductivity apparatus. 22 p3803 A67-40296
- The potential of lunar resources. [AIAA PAPER 67-876] 24 p4238 A67-42996
- GLASER, P. F.**
Orbiting Geophysical Observatory communication system. 12 p1907 A67-25994
- GLASIER, L. F., JR.**
Welding of thick sections of hastelloy X for the Phoebus-2 nozzle. 12 p1950 A67-25736
- GLASMACHER, W.**
Implicit Runge-Kutta formulas /Implicite Runge-Kutta-Formeln/. 13 p2146 A67-26743
- GLASS, B.**
Tektilites and geomagnetic reversals. 13 p2198 A67-26792
- GLASS, B. P.**
Tektilites and geomagnetic reversals. 16 p2754 A67-31864
- GLASS, G. P.**
Ethylene-oxygen reaction in shock waves. 20 p3376 A67-36232
- GLASS, H.**
The application of simulation to maintenance system analysis. 03 p0400 A67-14223
- GLASS, I. I.**
Laboratory calibration of a micrometeoroid impact gauge. 15 p2486 A67-29410
- Research frontiers at hypervelocities. 24 p4092 A67-42753
- GLASS, M. S.**
Principles of design of magnetic devices for attitude control of satellites. 15 p2572 A67-30385
- GLASS, R. I.**
Real-time prelaunch meteorological system. 08 p1314 A67-20543
- Real-time prelaunch meteorological system. 21 p3607 A67-37812
- GLASSCO, J. B.**
On energy balance criteria in ductile fracture. 08 p1421 A67-20953
- GLASSEN, L. K.**
Radiation heat transfer in nonisothermal nongray gases.

- [ASME PAPER 66-WA/HT-25]
20 p3555 A67-37607
- GLASSFORD, A. P. M.**
Pressure-volume-temperature and internal energy data for helium from 4.2 to 20 deg K between 100 and 1300 atmospheres.
22 p3920 A67-40392
- GLASSMAN, B. A.**
A parameter optimization procedure for multi-stage vehicles.
[AAS PAPER 66-111]
07 p1253 A67-19970
A parameter optimization procedure for multi-stage vehicles.
[AAS PAPER 66-111]
13 p2214 A67-27527
- GLASSMAN, I.**
Gas-phase reactions of hydrazine with nitrogen dioxide, nitric oxide, and oxygen.
18 p3109 A67-33837
- GLASSPOOLE, W. F.**
The decay of turbulent velocity profiles.
12 p1927 A67-25351
- GLATTE, H.**
Normal man and chronic hypercapnia - Metabolic aspects.
23 p3955 A67-41605
- GLAUBERMAN, A. E.**
Effect of excitons on ultrasound absorption in piezoelectric semiconductors /Vlianie eksitonov na pogloshchenie ul'trazvuka v p'iezelektricheskikh poluprovodnikakh/.
04 p0678 A67-15134
Influence of excitons on the absorption of ultrasound in piezoelectric semiconductors.
12 p1978 A67-25158
- GLAUZ, W. D.**
Unsteady aerodynamic forces on multi-stage space vehicles.
19 p3172 A67-36001
- GLAZE, D.**
An intercomparison of hydrogen and cesium frequency standards.
09 p1494 A67-21616
- GLAZMAN, I. M.**
Detuning of vibration systems as a convex programming problem.
08 p1353 A67-20837
- GLAZOV, O. A.**
Laminar boundary layer for a spiral magnetohydrodynamic flow over a dielectric disk /Laminarny pogranchny slol dlia spiral'nogo magnitogidrodinamicheskogo tekhenia nad dielektricheskim diskom/.
14 p2358 A67-28282
The magnetohydrodynamic boundary layer over a finite dielectric disk /Magnitogidrodinamicheskii pogranchny slol nad ogranchennym dielektricheskim diskom/.
20 p3501 A67-37305
Rotational motion of a conducting fluid over a stationary disk in the presence of a magnetic field /Vrashchatel'noe dvizhenie provodiashchel' zhidkosti nad nepodvizhnym pri nalichii magnitnogo polia/.
21 p3665 A67-38246
- GLAZOV, V. M.**
The patterns of change in certain thermochemical properties of a series of A super III B super V analogs /O zakononornosti izmeneniia nekotorykh termokhimicheskikh svoistv v riadu soedinenii-analogov A super III B super V/.
21 p3676 A67-37932
Physicochemical principles of semiconductor alloying /Fiziko-khimicheskie osnovy legirovaniia poluprovodnikov/.
21 p3684 A67-38433
- GLAZOVA, V. V.**
Titanium alloys /Legirovanie titana/.
04 p0638 A67-15008
Physicochemical nature of alloys of the system Ti-Al-O /O fiziko-khimicheskoi prirode spлавov sistemy Ti-Al-O/.
07 p1203 A67-19260
Selection of alloying elements in the development of titanium-based heat-resistant alloys /O vybere legiruiushchikh elementov pri sozdanii zharoпрочnykh spлавov na osnove titana/.
09 p1518 A67-21968
Stability of titanium-aluminum alloys during oxidation /Stokost' pri okislenii spлавov titan-alumini/.
13 p2142 A67-27287
- GLAZUNOV, S. G.**
Effect of oxygen on the properties and structure of VT 16 titanium alloy /Vlianie kisloroda na svoistva i strukturu titanovogo spлавa VT16/.
04 p0637 A67-14942
Study of alloys of the system Ti-Mo-Cr-Fe-Al /Issledovanie spлавov sistemy Ti-Mo-Cr-Fe-Al/.
07 p1205 A67-19272
High-temperature thermomechanical treatment of the beta-alloy of the Ti-Mo-Cr-Fe-Al system.
15 p2504 A67-29971
- GLAZUNOV, V. K.**
Level population in pulsed argon-ion laser.
17 p2867 A67-32452
- GLEBOV, T. I.**
Methods of studying the plastic flow of press-forged metals /Method of streamlines/ /Metodika issledovaniia plasticheskogo tekhenia metalla pri pressovanii /metod lini toka/.
21 p3637 A67-38928
- GLEBOVA, R. D.**
Character of fracture of sintered materials.
16 p2691 A67-31586
- GLEDHILL, J. A.**
Ionospheric disturbance and electron precipitation from the outer radiation belt.
07 p1245 A67-19928
Magnetosphere of Jupiter.
12 p2000 A67-25206
Ionospheric effects of precipitated electrons in the south radiation anomaly.
12 p1934 A67-25778
- GLEDHILL, J. R.**
Recent developments in electric power generating equipment for modern aircraft. I.
08 p1286 A67-20905
Recent developments in electric power generating equipment for modern aircraft. II.
09 p1451 A67-22666
- GLEESON, L. J.**
Forced motion of a charged particle in a magnetic field.
06 p1045 A67-18743
Magnetic field variations in temperate zone sporadic-E layers.
07 p1179 A67-19849
Positive ion layers in the E-region of the ionosphere.
08 p1328 A67-21359
Electron and ion temperature variations in temperate zone sporadic-E layers.
08 p1327 A67-21366
Cosmic rays in the interplanetary medium.
24 p4208 A67-41832
- GLEGHORN, G. J.**
Magnetic considerations in the design and testing of the OGO and Pioneer spacecraft.
16 p2757 A67-30637
- GLEICH, D.**
Recycling metallic bladders for cryogenic fluid storage and expulsion systems. [AIAA PAPER 67-444]
18 p3054 A67-33921
- GLEISSBERG, W.**
Mean curves for the eleven-year and eighty-year cycles of solar activity /Mittlere Kurven der elfjaehrigen und achtzigjaehrigen Zyklen der Sonnentatigkeit/.
22 p3889 A67-40303
Secularly smoothed data on the minima and maxima of sunspot frequency.
23 p4067 A67-41240
- GLEITER, H.**
The formation of coherent ordered precipitates in a Ni-Cr-Al-alloy /Die Bildung von koherenten geordneten Teilchen in einer Nickel-Chrom-Aluminium-Legierung/.
12 p1954 A67-25344
- GLEMBOTSKII, I. A. L.**
Recessive lethals in the X chromosome of drosophila and genetic shielding during the flight of the spaceship "Voskhod" /Retessivnye letali v Kh khromosome drozofily i geneticheskala zashchita pri prozhe korablia "Voskhod"/.
13 p2060 A67-27337
- GLENN, A. B.**
Component problems in a microwave deep-space communication system.
04 p0588 A67-14499
- GLENN, D. C.**
Effect of the space environment on lubricants and rolling element bearings.
21 p3633 A67-38143
- GLENN, W. G.**
Normal human serum parameters for simulated altitude and aerospace flights. I - Estimation of change in serum protein concentration.
01 p0015 A67-10950
Normal human serum parameters for simulated altitude and aerospace flights. II - Estimation of change in albumin, gamma globulin, albumin/gamma globulin ratio, and a/g ratio.
01 p0015 A67-10951
Normal human serum parameters for simulated altitude and aerospace flights. III - Estimation of change in serum potassium, sodium, and chloride.
01 p0015 A67-10952
- GLENN, W. H.**
Time evolution of picosecond optical pulses.
13 p2128 A67-27014
- GLENN, W. H., JR.**
Ultrashort light pulses.
16 p2686 A67-31741
- GLENNON, T. F.**
Development of a family of light weight short duration turbo-alternator power supplies.
24 p4107 A67-42532
- GLENNY, R. J. E.**
Some materials and cooling techniques applicable to air-breathing engines at high flight speeds.
[AIAA PAPER 65-743]
03 p0502 A67-12904
- GLESNER, D.**
Trajectories of electromagnetic rays and a program /Trajectoires des rayons electromagnetiques et programme/.
01 p0028 A67-11419
Radiation coupling of helical antennas /Strahlungskopplung von Wendelantennen/.
07 p1158 A67-20294
- GLIBERMAN, A. IA.**
Investigation of the distribution of phosphorus atoms in the surface layer of silicon photoconverters for various thermal diffusion regimes /Issledovanie raspredeleniia atomov fosfora v poverkhnostnom sloe kremnevyykh fotopreobrazovatelei pri razlichnykh rezhimakh termodiffuzii/.
12 p1982 A67-25322
- GLICK, H. S.**
The performance of a shock tube driven by arc-heated hydrogen.
21 p3605 A67-37769
- GLICK, R. L.**
Influence of embedded metal fibers on solid-propellant burning rate.
05 p0872 A67-17215
Temperature sensitivity of solid propellant burning rate.
08 p1375 A67-20581
Internal ballistics of slotted-tube, solid-propellant rocket motors.
11 p1852 A67-24352
Effect of acceleration on the burning rate of composite propellants.
[AIAA PAPER 67-470]
18 p3157 A67-33940
Effect of specific-heat ratio on mass flow for swirling nozzle flow.
19 p3311 A67-34826
- GLICKSMAN, M.**
Instability of electron-hole plasma pinch in longitudinal magnetic fields.
10 p1683 A67-22760
- GLICKSMAN, R.**
Instrumentation for advanced microelectronic measurements.
19 p3193 A67-35028
- GLICKSTEIN, M. R.**
Forced-convection nucleate and film boiling of several aliphatic hydrocarbons. [ASME PAPER 67-HT-7]
20 p3544 A67-36705
- GLIKI, N. V.**
Simpler types of crystallization OR supercooled water droplets /Prosteishie tipy kristallizatsii pereokhlazhdennykh kapel' vody/.
01 p0109 A67-11010
- GLIKMAN, L. G.**
Concerning the electromagnetic mechanism of acceleration of cosmic rays.
02 p0311 A67-12586
- GLINCHUK, K. D.**
Behavior of GaAs in strong electric fields /O povedenii GaAs v sil'nykh elektricheskikh polakh/.
14 p2368 A67-28532
Study of current-carrier recombination in GaAs /Doslizhennia rekombinatsii nosiliv strumu v arsenidii galliia/.
21 p3678 A67-37863
Behavior of GaAs in strong electric fields.
23 p4039 A67-40939
- GLINSKI, G. S.**
Passage of stochastic input through a class of nonlinear systems.
08 p1308 A67-20324
- GLOBUS, A. M.**
An inertia criterion for coupled heat and mass transfer processes.
14 p2406 A67-28313
- GLOCK, E.**
A monochromator of great flexibility for laser light scattered by high temperature plasmas.
19 p3230 A67-35593
- GLOCKNER, P. G.**
Physical bending strains in linear shell theory. [ASCE PAPER 268]
11 p1874 A67-24430
- GLOD, G. D.**
Problem of pharmacology in space medicine /Problema farmakologii v kosmicheskoi meditsine/.
02 p0185 A67-12320
Pharmacological aspects of space medicine /Problema farmakologii v kosmicheskoi meditsine/.
20 p3367 A67-36254
On the reactivity of animals to caffeine and strychnine during transverse acceleration aftereffects /O reaktivnosti zhivotnykh k kofeinu i strikhninu v period posledelstviia poperechnonapravlennykh peregruzok/.
24 p4111 A67-41850
- GLOECKLER, G.**
Galactic deuterium and its energy spectrum above 20 Mev per nucleon.
03 p0472 A67-13390
Solar modulation and the energy density of galactic cosmic rays.
13 p2189 A67-26265

Composition and spectra of charged particles of solar and cosmic origin measured on satellites. 13 p2193 A67-27249

GLOERSEN, P.

Experimentally measured velocity distribution in the plasma stream of a pulsed coaxial accelerator. 02 p0276 A67-12568

GLORIA, H. R.

Spectrophotometer for continuous measurement in vacuum systems of polyphenyl diffusion pump fluid film thickness. 23 p4004 A67-41358

GLOSSER, R.

Magnetic field dependence of the microwave surface impedance of superconducting tantalum. 14 p2371 A67-28726

GLOTIN, P.

Study of the equivalence between radiations producing a permanent degradation of the characteristics of silicon transistors obtained by diffusion /Etude de l'équivalence entre les rayonnements produisant une dégradation permanente des caractéristiques des transistors silicium obtenus par diffusion/. 17 p2917 A67-32844

Influence of technology and temperature on the behavior of MOST in the presence of 1-Mev electrons /Influence de la technologie et de la température sur la tenue des MOST aux électrons de 1 Mev/. 17 p2918 A67-32852

GLOTIN, PH.

Radiation effects on MOS devices /Effets des radiations sur les dispositifs M.O.S./. 20 p3396 A67-36321

Tests of the behavior under radiation of MOSTs in the D2 satellite telemetry coder /Tests de tenue aux radiations des MOST du codeur de télémétrie du satellite D2/. 21 p3593 A67-38230

GLOVER, E. D.

Source encoding and preprocessing. 18 p3004 A67-34613

GLOVER, K. M.

Radar observations of insects in free flight. [AFCR-67-0127] 03 p0371 A67-13916

Dot angels - Insects and birds. 04 p0569 A67-14680

24 hour history of radar angel activity at three wavelengths. 04 p0649 A67-14681

GLOVER, R. E.

Shifts in superconducting transition temperature with changes in carrier concentration. 02 p0291 A67-11741

GLOWICKI, H.

Analysis of the distribution of stresses with the aid of brittle coatings /Analiza rozkladu naprezen za pomoca kruchych pokryc/. 18 p3045 A67-33741

GLUCK, D. F.

Distortion of a free surface during tank discharge. 02 p0233 A67-11945

GLUCK, R.

A fatigue-life index as a criterion for evaluating compressor leaf valve design. [ASME PAPER 66-WA/MD-10] 04 p0554 A67-15337

Low density shear resistant ablaters for lifting reentry vehicles. 10 p1672 A67-23725

GLUECK, F.

Cinematographic documentation of the solar eclipse campaign /Foto-kinematografische Dokumentation der solar Eclipse Kampagne/. 15 p2555 A67-29576

GLUECKERT, A. J.

GAT-O-SORB -A regenerable sorbent for carbon dioxide control. [SAE PAPER 670844] 24 p4115 A67-41997

GLUKHIKH, V. A.

Experimental study of an asynchronous MHD generator with a liquid-metal working fluid under conditions of self-excitation /Eksperimental'noe issledovanie asinkhronnogo MGD-generatora s zhidkometallicheskim rabochim telom v rezime samovozbuzhdeniya/. 06 p0951 A67-18683

GLUSHCHENKO, L. F.

Heat-transfer crisis in annular channels in the case of bilateral heat supply /Krizis teploobmena v kol'tsevykh kanalakh pri dvukhstoronnem podvode tepla/. 17 p2969 A67-32459

GLUSHKO, V. P.

Second-order degenerate elliptical equations in arbitrary smooth regions /O vyrozhdalushchikhsia ellipticheskiykh uravneniyakh vtorogo poriadka v

proizvol'nykh gladkiykh

oblastyakh/. 12 p1961 A67-25441

Degenerating elliptic equations of second order in arbitrary smooth regions. 20 p3479 A67-37724

GLUSHKO, V. T.

Determination of stresses in an elastic plate with remanent elasticity and cylindrical anisotropy /Raspredelenie napryazheniy v kol'tseobraznoi uprugonasledstvennoi plastinke s tsilindricheskoi anizotropiei/. 21 p3723 A67-38555

GLUZMAN, P. L.

Simulation of certain nonlinear dependences with the aid of magnetic devices /Modelirovaniye nekotorykh nelineynykh zavisimostey s pomoshch'yu magnitnykh ustroystv/. 09 p1498 A67-22032

GLYBIN, A. I.

Use of titanium shavings to protect iron from oxidation during heating /Primeneniye titanovoi struzhki dlia zashchity zheleza ot okisleniya pri nagreve/. 01 p0095 A67-10643

Use of titanium chips for protection of iron against oxidation during heating. 18 p3066 A67-34407

GNALL, R. P.

A survey of diffusion processes for fabricating integrated circuits. 01 p0080 A67-10971

GNANALINGAM, S.

Ionospheric absorption measurements at Colombo, Ceylon. 03 p0406 A67-12822

GNATIUK, A. D.

Fatigue strength and endurance limit of aluminum alloys in corrosive media. 08 p1341 A67-20598

Apparatus for programmed feeding of corrosive media in fatigue tests. 21 p3715 A67-37827

Corrosion-fatigue strength of aluminum-clad D16 at alloy sheet under asymmetrical loads. 21 p3646 A67-39008

Effect of some factors of programmed loading on the endurance of an aluminum alloy in a corrosive medium. 21 p3642 A67-39009

GNAVI, F.

Radiation damage to some types of semiconductors /Danno di radiazione su alcuni tipi di semiconduttori/. 20 p3507 A67-36237

GNEDIN, IU. N.

Radiative transfer in a finite medium. 09 p1531 A67-21631

GNEVYSHEV, M. N.

The relation between proton flares and the corona over the 11-year cycle. 01 p0146 A67-11281

11-year cycle of solar activity /Ob 11-letnem tsikle solnechnoi aktivnosti/. 03 p0506 A67-13316

On the 11-years cycle of solar activity. 10 p1711 A67-23801

The eleven year cycle of solar activity. 16 p2737 A67-30492

The Lyot-coronagraph with 53 cm objective. 23 p4001 A67-41238

GO, T. C.

Dielectric bath promotes togetherness in IC's. 12 p1915 A67-25888

GOATHAM, J. I.

Some vibration characteristics of pin-fixed compressor blades. [ASME PAPER 66-WA/GT-4] 04 p0711 A67-15359

Some vibration characteristics of pin-fixed compressor blades. [ASME PAPER 66-WA/GT-4] 24 p4251 A67-42460

GOBETZ, F. W.

Three-impulse interplanetary rendezvous trajectories. 22 p3887 A67-40137

GOBIN, P.

Calculation of the behaviour of a bar during a high-strain-rate tensile test. 14 p2400 A67-28523

GOBRECHT, H.

Method of measuring the Hall effect in materials with high specific resistance /Elne Methode zur Messung des Hall-Effektes an Materialien mit hohem spezifischen Widerstand/. 10 p1691 A67-23502

GODAL, T.

Simple correctional maneuvers. 01 p0152 A67-11399

GODARD, H. P.

The Corrosion of Light Metals. 20 p3465 A67-36634

Aluminum. 20 p3465 A67-36635

GODDARD, D. R.

Synthetic lubricants. 20 p3455 A67-37284

GODDARD, I.

Qualitative aspects of asteroid statistics. 20 p3524 A67-36654

GODDARD, J. D.

An inverse for the Jaumann derivative and some applications to the rheology of viscoelastic fluids. 06 p0991 A67-18777

Nonlinear effects in the rheology of dilute suspensions. 17 p2887 A67-32280

GODDARD, J. O.

Investigation and prediction of helicopter rotor noise. 08 p1278 A67-20478

GODDARD, W. R.

Coherent analog of the compound intensity interferometer. 09 p1493 A67-21609

GODFREY, C. S.

A mechanism for the conversion of the chemical energy of explosives to the kinetic and internal energy of a gas. [AIAA PAPER 67-178] 06 p1118 A67-18485

GODFREY, D. J.

High grade ceramics for microwave and other applications. 04 p0641 A67-14856

GODFREY, D. W. H.

Extending helicopter speed performance. 21 p3567 A67-38015

GODFREY, M. D.

Prediction for non-stationary stochastic processes. 20 p3477 A67-36789

GODIK, I. B.

Method for calculating mass transfer in low-temperature heat exchangers of MHD devices /Metodika rascheta massoobmena v nizkotemperaturnykh teploobmennikakh MGD-ustanovok/. 03 p0536 A67-13688

GODIN, IU. G.

Study of alloys in the niobium-zinc system. 19 p3243 A67-34928

Apparatus for measuring hot hardness by static methods. 19 p3227 A67-34930

GODIN, P.

Stellar detectors /Les detecteurs stellaires/. 21 p3628 A67-38651

GODNEV, I. N.

Estimation of the sums of states for some simple molecules at high temperatures /Ob otsenke summ po sostolaniiam nekotorykh prostykh molekul pri vysokikh temperaturakh/. 16 p2704 A67-31390

GODOLI, G.

On the variations in the relations of solar indices to E-and F-region character figures. 01 p0056 A67-10110

On the correction for foreshortening for Ca plages. 10 p1712 A67-23806

The sun's polar surges and magnetic fields. 11 p1862 A67-24496

On the association rate between solar surges and flares. 17 p2938 A67-32820

GODSON, W. L.

The 26-month oscillation in zonal wind and temperature. 13 p2150 A67-26440

Upper-atmospheric sodium and stratospheric warmings at high latitudes. 13 p2110 A67-26441

GODUNOV, S. K.

Mechanical effects at the electrode in the case of plasma accumulation at the axis /Mekhanicheskie efekty na elektrode pri kumulyatsii plazmy na osi/. 16 p2714 A67-31037

GODWIN, R. C.

A configuration for a high energy final stage for a satellite launching vehicle. 02 p0334 A67-12376

The development potential of the European heavy launching vehicle and the economy of its use for application satellites. 18 p3137 A67-34353

GODWIN, T. W.

M-1 injector development - Philosophy and implementation. [AIAA PAPER 67-461] 18 p2988 A67-33932

GOEBEL, J.

Alloy phases in W-Re and Mo-Re alloys at low temperature. 17 p2873 A67-32813

GOEDE, O.

Edge emission in CdS as internal radiative transition in donor-acceptor associates. 03 p0488 A67-12813

GOEDEKE, A. D.

Solar cosmic ray event characteristics - Solar minimum versus solar maximum. 10 p1700 A67-23187

Polar observations of solar cosmic ray events during the IQSY. 10 p1701 A67-23193

Riometer observations in the polar caps of solar cosmic ray events during the IQSY. 12 p1993 A67-25228

- Characteristics of solar cosmic ray events
- Solar minimum versus solar maximum. 13 p2194 A67-27253
- GOEDEMOED, S. H.**
The irreversible behaviour of superconducting niobium wires. 20 p3511 A67-37240
- GOEHRE, H.**
Vacuum testing of spaceflight systems /Die Vakuumprüfung von Raumfluggeräten/. 03 p0394 A67-13031
Environmental tests for the third stage of the European launch vehicle /Die Umwelt-Erprobung der III. Stufe der Europäischen Tragerrakete/. 04 p0595 A67-14570
Report on the high-vacuum test laboratory in Ottobrunn near Munich /Bericht ueber das Hochvakuumprüflaboratorium in Ottobrunn bei Muenchen/. 09 p1485 A67-22124
- GOELER, S. V.**
Confinement of a cesium plasma in a mirror field. 02 p0276 A67-12560
Experiments with cesium plasma in a magnetic field with variable curvature. 19 p3288 A67-35365
- GOELL, J. E.**
A high-speed wideband L-band tunnel diode frequency deviator. [IEEE PAPER 19-TP-67-1175] 23 p3978 A67-40743
- GOERGE, D.**
Electromagnetic field signatures in the optical spectrum. 06 p1006 A67-19010
- GOERLICH, P.**
Problems relating the application of new photoelectronic components to the reception and demodulation of high-frequency modulated laser beams /Nagyfrekvenciásan modulált lézerek alkalmazása a felfogás és demodulálására használt új fotoelektronikus eszközök/. 01 p0088 A67-10300
New results concerning the photoemission of semiconductors /Neue Ergebnisse ueber die Photoemission an Halbleitern/. 14 p2363 A67-27748
The mode of operation of grid controlled photomultipliers. 14 p2277 A67-27769
- GOEROG, I.**
Near-ultraviolet and visible radiation from a dynamic pinch. 02 p0272 A67-11880
- GOERSS, R. H.**
Computer analysis of satellite thermal behavior. 06 p0966 A67-18417
- GOERTLER, H.**
The foundation of the theory of physical dimensions /Die Grundlagen der Theorie der physikalischen Dimensionen/. 13 p2157 A67-26606
- GOESCHE, G.**
Calculation of the fundamental frequency of elastic structures with the aid of higher-order Hermite polynomials /Berechnung der Eigenfrequenzen elastischer Strukturen mit Hilfe von Hermiteschen Polynomen hoeherer Ordnung/. 13 p2216 A67-26621
- GOETHALS, R.**
The problem of a jet against the ground rheological solution in the hodograph plane. 11 p1781 A67-24571
Lift and drag of a series of trapezoidal models with flat under surfaces in blown flow near the free surface /Protances et traînees d'une série de maquettes trapezoidales a intrados plan en écoulement ventile pres de la surface libre/. 13 p2093 A67-26595
- GOETT, H. J.**
Methods of processing satellite data. 16 p2633 A67-30688
A retrospective look at the application satellite program. 19 p3333 A67-35635
- GOETZ, A. F. H.**
Apparatus to measure mid-infrared spectral emittance of cold powders in a vacuum. 16 p2677 A67-31429
- GOETZBERGER, A.**
Surface charge after annealing of Al-SiO sub 2 -Si structures under bias. 01 p0032 A67-10004
Temperature dependence of inversion-layer frequency response in silicon. 11 p1846 A67-24234
- GOETZEL, C. G.**
Powder metallurgy applications in space vehicle systems. 01 p0100 A67-10712
- GOGADZE, G. A.**
Tunnel current from a type II superconductor into a normal metal /Tunnel'nyi strum z nadprovodnika drugoi grupi v normal'nyi metal/. 05 p0871 A67-17490
- On the theory of autoelectric emission in superconductors /K teorii avtoelektronnoi emissii v sverkhprovodnikakh/. 14 p2370 A67-28673
- GOGGINS, W. B., JR.**
An experimental evaluation of multiplate antenna properties. 02 p0210 A67-11592
A microwave feedback radiometer. 07 p1155 A67-19875
- GOGITIDZE, O. A.**
Report on the performance of the Tskhra-Tskaro facility, and preliminary data on the free path of nuclear-active particles with energies from 10 super 11 to 10 super 12 ev in carbon /Soobshchenie o rabote ustanovki "Tskhra-Tskaro" i predvaritel'nye dannye o svobodnom probege laderno-aktivnykh chastits s energiei 10 super 11 - 10 super 12 ev v uglerode/. 24 p4219 A67-42845
- GOGOL, W.**
Method for measuring thermal radiation intensity /O pewnej metodzie pomiaru natężenia promienlowania cieplnego/. 07 p1184 A67-19354
- GOGOSOV, V. V.**
Boundary layers in a fully ionised two-temperature plasma. 11 p1840 A67-24670
Boundary layers in a two-temperature plasma /O pogranichnykh sloiakh v dvutemperaturnoi plazme/. 16 p2712 A67-30544
- GOH, B. S.**
Necessary conditions for singular extremals involving multiple control variables. 04 p0594 A67-15879
- GOH, T.**
A collection of spectral diagrams of solar radio type IV events. 04 p0692 A67-14588
The distribution of the 9 cm radio emission over the solar disk during the sunspot minimum. 12 p2001 A67-25226
- GOISA, N. I.**
Method of making actinometric measurements from an IL-14 aircraft /Metodika aktinometricheskikh izmerenii s samoleta IL-14/. 24 p4182 A67-42882
- GOKELMAN, J. J.**
Simulation of aerospace flight acceleration and dynamic pressure environments for ballistics research. [AIAA PAPER 67-279] 15 p2465 A67-29425
- GOKHALE, G. S.**
Stratospheric flights over tropical latitudes with polyethylene balloons of large volume. 01 p0010 A67-10934
- GOKHBERG, M.**
Polarization of type Pcl hydromagnetic oscillations observed at two conjugate geomagnetic stations /Polarisation des oscillations hydromagnetiques de type Pcl observees en deux stations geomagnetiques conjuguees/. 03 p0406 A67-12818
Polarization of Pc 1 /pearl/-type hydromagnetic oscillations at the magnetically conjugate points Sogra /USSR/ and Kerguelen Island /Polarizatsiya gidromagnitnykh kolebanií tipa Pc-1 /zhemchuzhiny/ v magnitno sopriazhennykh tochkakh Sogra /SSSR/ i KERGEL'EN /Frantsiya/. 17 p2850 A67-32974
Characteristics of the irregular pulsations of diminishing periods /IPDP/ and their relations to the variations of the flux of particles trapped in the magnetosphere /Caracteristiques des pulsations irregulieres de periode decroissante /I.P.D.P./ et leurs relations avec les variations du flux des particules piegees dans la magnetosphere/. 20 p3431 A67-37097
- GOKHFELD, D. A.**
Elastoplastic deformation of a cylindrical shell acted upon repeatedly by a moving axisymmetric heat source /Uprugoplasticheskoe deformirovaniye tsilindricheskoi obolochki pri povtornykh vozdeystviyakh dvizhushchegosia osesimmetrichnogo istochnika tepla/. 05 p0912 A67-16182
Progressive buckling under conditions of thermal cycling /O progressivulushchem vypuchivanii v usloviyakh teplosmen/. 05 p0913 A67-16193
Application of the Koiter theorem to problems of the adaptability of nonuniformly heated elastoplastic bodies /O primenenii teoremy koitera k zadacham prispособlennosti neravnomerno nagretykh uprugoplasticheskikh tel/. 22 p3910 A67-39453
- GOLANT, M. B.**
Beginning of the overlap of the operating ranges of lasers and backward-wave tubes. 05 p0825 A67-17168
- GOLANT, V. E.**
Electron cyclotron heating of a plasma. 06 p1039 A67-18082
Some features of a stationary microwave discharge in a magnetic field. 06 p1040 A67-18094
Observation of plasma created by a superhigh-frequency field in the state of electron-cyclotron resonance. I /Issledovanie plazmy, sozdavaemol sverkhvysokochastotnym polem v rezhime elektronnoho tsiklotronnogo rezonansa. I/. 15 p2529 A67-29715
Observation of plasma created by a superhigh-frequency field in the state of electron-cyclotron resonance. II /Issledovanie plazmy, sozdavaemol sverkhvysokochastotnym polem v rezhime elektronnoho tsiklotronnogo rezonansa. II/. 15 p2529 A67-29716
Microwave radiation from a beam-plasma system in a magnetic field. 19 p3291 A67-35383
Absorption of electromagnetic waves in a plasma at frequencies near harmonics of the electron cyclotron frequency. 20 p3498 A67-36692
Microwave production of a plasma in a trap. 23 p4035 A67-41684
- GOLAY, M. J. E.**
Gravitational equilibrium points. 02 p0324 A67-11814
- GOLD, L.**
Equivalent vector Lorentz transformations. 08 p1347 A67-20366
Stream instabilities in magneto-ionic plasmas. 19 p3292 A67-35389
- GOLD, R. A.**
Effect of wall conductance on magnetohydrodynamic flow through finite cross-section channels. 08 p1356 A67-20572
- GOLD, R. R.**
Magnetohydrodynamic channel flow. 10 p1684 A67-22875
Communication through plasmas bounding slender entry vehicles. [AIAA PAPER 66-481] 12 p1905 A67-25906
- GOLD, T.**
On the detection of water on the moon. 17 p2952 A67-33250
Radio method for the precise measurement of the rotation period of the earth. 18 p3043 A67-34528
Target detection in visual search. 22 p3755 A67-39848
Long-term stability of the earth-moon system. 24 p4229 A67-42320
- GOLD, T. T.**
Three-dimensional trajectory optimization program for ascending and descending vehicles. 16 p2744 A67-30734
- GOLDAEV, I. P.**
Stand for experimental investigations of processes occurring in high-intensity heating /Stand dlia eksperimental'nykh issledovanií protsessov, protekaiushchikh pri vysokointensivnom nagreve/. 02 p0231 A67-12440
Investigation of the operation of jet-engine type combustion chambers under unsteady conditions /Issledovanie raboty kamer sgoraniia vozdušnoreaktivnogo tipa na rezhimakh neustoiichivosti/. 21 p3696 A67-38909
- GOLDBERG, A.**
Influence of heating rate on transformations in an 18 per cent nickel maraging steel. 06 p1018 A67-18378
- GOLDBERG, B.**
300 kHz-30 MHz MF/HF. [IEEE PAPER 19-CP-65-482] 11 p1755 A67-25080
- GOLDBERG, D.**
Radiation test techniques. 08 p1303 A67-21059
- GOLDBERG, G. N.**
The oxidation of Cb-Zr and Cb-Zr-Re alloys in oxygen at 1000 deg C. 05 p0828 A67-16471
- GOLDBERG, I.**
Intermediate vector bosons as unobservable particles. 13 p2161 A67-27578
- GOLDBERG, I. U. A.**
Thin multilayer GaAs-metal contacts /Tonkie mnogosloinnye kontakty arsenid galliia-metal/. 06 p1050 A67-17939
Thin multilayer gallium arsenide - Metal contacts. 18 p3100 A67-33775

- GOLDBERG, J. L.**
An analysis of the elastic behavior of a capacitance load cell. 01 p0034 A67-10296
- GOLDBERG, L.**
Astrophysical implications of autolization. 03 p0509 A67-13217
A Reynolds number scaling theory for hypersonic ablation. 06 p1117 A67-18478 [AIAA PAPER 67-155]
The sun and solar physcs. 07 p1247 A67-19331
Solar abundance determination from ultraviolet emission lines. 12 p2001 A67-25225
Population of atomic levels by dielectronic recombination. 17 p2947 A67-32762
- GOLDBERG, L. M.**
The application of parameter management to roll rate control in the ballistic missile target system. 08 p1407 A67-20516
Application of parameter management to roll rate control in the ballistic missile target system. 21 p3712 A67-37801
- GOLDBERG, M. A.**
An iterative solution for rotationally symmetric non-linear membrane problems. 04 p0715 A67-15658
- GOLDBERG, M. C.**
Confirmation of the predicted Hartree-Fock limit in BeH sub 2. 20 p3377 A67-37139
- GOLDBERG, N. I.**
Estimation of the characteristic function of an ergodic random process. 02 p0192 A67-11639
Characteristic-function analyzer for the random phase of a quasisinusoidal signal. 06 p0972 A67-18392
- GOLDBERG, R. A.**
A theoretical model for the magnetic declination effect in the ionospheric F region. 06 p0998 A67-18703
- GOLDBERG, S.**
Some applications of the theory of unbounded operators to ordinary differential equations. 20 p3478 A67-37575
- GOLDBERG, T. J.**
Flare-stabilization problems at hypersonic Mach numbers. 08 p1275 A67-20499
Turbulent separation associated with axisymmetric flared bodies. 24 p4093 A67-42924
- GOLDBERG, V. N.**
Self-focusing of axisymmetric wave packets /Samofokusirovka aksial'no-simmetrichnykh volnovykh puchkov/. 16 p2628 A67-31504
- GOLDBURG, Z. A.**
Thermal stability of tungsten carbide - Cobalt alloys /Termostokost' splavov karbid vol'frama - Kobalt'/. 03 p0447 A67-13641
Thermal shock resistance of tungsten carbide-cobalt alloys. 17 p2875 A67-33174
- GOLDBURG, A.**
A summary analysis of laboratory hypersonic wake fluid mechanics transition experiments. [AIAA PAPER 67-33] 08 p1275 A67-20379
- GOLDEN, D. E.**
Comparison of low-energy total and momentum-transfer scattering cross sections for electrons on helium and argon. 03 p0471 A67-13319
- GOLDEN, J.**
Computer processing of spectrograms for absolute intensities. 21 p3624 A67-37851
- GOLDEN, J. H.**
Stability of polycarbonate. 22 p3825 A67-39859
- GOLDEN, T. S.**
NASA STADAN and Apollo network antennas - A descriptive survey. 14 p2287 A67-28681
- GOLDENBERG, H. M.**
Solar oblateness and general relativity. 08 p1354 A67-21429
Differential rotation and the solar oblateness. 17 p2940 A67-32207
- GOLDENVEIZER, A. L.**
On the errors of and possible corrections to classical linear shell theory. 01 p0163 A67-10986
Qualitative analysis of free vibrations of an elastic thin shell. 07 p1263 A67-20031
- GOLDFARB, E. M.**
Flat-top pulses with high efficiency and confined spectra. 20 p3388 A67-37654
- GOLDFARB, V. M.**
High-frequency plasma devices /Vysokochastotnye plazmennye ustroystva/. 09 p1547 A67-22322
Investigation of a supersonic rarefied argon plasma jet /Issledovanie
- sverkhzhukovoi strui razrezhennoi argonovoi plazmy/. 11 p1842 A67-24963
- GOLDFEIN, S.**
Long-term rupture strength of alloys and plastics from tensile strength at elevated temperatures. [ASME PAPER 65-MET-12] 05 p0827 A67-16212
- GOLDFINGER, P.**
Chemical bonding in high temperature species. 21 p3578 A67-38394
- GOLDHEIM, D. L.**
Rebinder effects in MgO. 23 p4035 A67-40655
- GOLDHIRSH, J.**
Harmonic analysis of a half-wave dipole and director parallel to a reflecting plane. 24 p4132 A67-42715
- GOLDIE, H.**
The effect of TR devices on low noise receivers. 10 p1611 A67-23329
On the measurement of nanosecond recovery time in receiver protectors. 21 p3589 A67-37819
Outside-of-cavity ignitor boosts TR tube life. 24 p4131 A67-42350
- GOLDIN, D. S.**
A thermodynamic flow analysis of particle formation efficiency in a mixed flow colloid thruster. [AIAA PAPER 67-85] 06 p0941 A67-18500
Present status of colloid microthruster technology. [AIAA PAPER 67-531] 22 p3867 A67-39200
- GOLDIN, I. U. A.**
Observation of generation at the sum frequency in electro-optic nonlinear crystals. 06 p1009 A67-17754
- GOLDIN, V. E.**
Parametrization of TV images of cloudiness on electronic digital computers /Parametrizatsiya televizionnykh izobrazhenii oblachnosti na elektronnykh tsifrovnykh vychislitel'nykh mashinakh/. 18 p3073 A67-33561
- GOLDING, J. F.**
Dynamic measurements on narrow-band receivers. 17 p2827 A67-32800
- GOLDMAN, A.**
Integrated intensity of NO fundamental. 19 p3266 A67-35681
- GOLDMAN, A. G.**
Negative resistance and a stimulated state of electroluminescent zinc sulfide films at 77 deg K /Otritsatel'noe soprotivlenie i stimulirovannoe sostoyanie v elektroluminescentnykh tsink-sulfidnykh plenkach pri 77 deg K/. 05 p0866 A67-17023
Negative resistance and the stimulated state in electroluminescent zinc sulfide films at 77 deg K. 14 p2366 A67-28487
Recording, storage, and reproduction of an optical image by means of the Gudden-Pohl effect /Zapis', khranenie i vosproizvedenie opticheskogo izobrazheniya s pomoshch'yu efekta Guddena-Polla/. 15 p2487 A67-29470
- GOLDMAN, A. M., JR.**
Optimization of manned lifting re-entry vehicles using the OCCOF technique. 22 p3902 A67-39947
- GOLDMAN, D. J.**
Transistor-magnetic logic in aerospace timing. 02 p0216 A67-12014
- GOLDMAN, M.**
Influence of chronic acceleration on the effects of whole-body irradiation in rats. 15 p2427 A67-29268
- GOLDMAN, R.**
Higher order behavior in the Boltzmann expansion of the Bogolubov-Born-Green-Kirkwood-Yvon hierarchy. 01 p0118 A67-10915
Coupling of longitudinal and transverse modes in a Vlasov plasma. 18 p3092 A67-34745
- GOLDMAN, R. L.**
Unsteady control surface loads of lifting re-entry vehicles at very high speeds. [AIAA PAPER 67-15] 07 p1258 A67-19430
Elimination of the pogo instability from the Gemini launch vehicle. 14 p2394 A67-28086
- GOLDMAN, S. C.**
Transistor-magnetic logic in aerospace timing. 02 p0216 A67-12014
- GOLDMANN, K.**
Carbon and nitrogen transfer in a type-316 stainless-steel, Cb-1 percent Zr, liquid-potassium system. 07 p1223 A67-19465
- GOLDNER, S. J.**
Cesium electron bombardment ion microthrusters. [AIAA PAPER 67-81] 07 p1240 A67-19436
Cesium electron-bombardment ion microthrusters. 21 p3689 A67-37790
- GOLDREICH, P.**
History of the lunar orbit. 04 p0698 A67-14854
Precession of the moon's core. 16 p2754 A67-31746
Spin-orbit coupling in the solar system. II. 18 p3136 A67-34587
- GOLDSCHMIDT, R. E.**
The IBM System/360 Model 91 - Floating-point execution unit. 11 p1755 A67-23951
- GOLDSHTEIN, G. A.**
Observation of periodic variation of oscillation modes in a He-Ne laser /Nabludenie periodicheskogo izmeneniya tipov kolebaniy v He-Ne lazere/. 12 p1952 A67-25437
- GOLDSHTEIN, R. V.**
Steady motion of a crack along a rectilinear boundary joining two elastic materials /O statsonarnom dvizhenii treshchiny po priamolineinoy granitse soedineniya dvukh uprugikh materialov/. 03 p0529 A67-14167
- GOLDSHTIK, M. A.**
Effect of channel blocking on the motion of a fluid in the separation region behind bluff bodies /O vliyaniy zagromozhdeniya kanala na dvizhenie zhidkosti v zone otrывa za plokhoy obtekaemyml telami/. 11 p1743 A67-24960
Stability of a certain axisymmetric flow /Ob ustoychivosti odnogo osesimmetrichnogo techeniya/. 18 p3028 A67-34219
- GOLDSMITH, J. V.**
Mariner Mars 1964 power-system design and flight performance. 23 p3939 A67-41509
- GOLDSMITH, W.**
Flexural vibrations of an elastic plate with two symmetric viscoelastic coatings. [ASME PAPER 66-WA/APM-20] 10 p1731 A67-23840
- GOLDSTEIN, A. A.**
Fuel optimal controls. 15 p2571 A67-30049
- GOLDSTEIN, A. W.**
A single collision model for electron-beam currents between plane electrodes. 19 p3265 A67-35129
- GOLDSTEIN, B. S.**
Gallium arsenide injection laser radar. 09 p1462 A67-21640
- GOLDSTEIN, C. M.**
Electron flow in low-density argon gas including space-charge and elastic collisions. 18 p3091 A67-34641
A single collision model for electron-beam currents between plane electrodes. 19 p3265 A67-35129
- GOLDSTEIN, I.**
Batch vs. sequential displays - Effects on human problem solving. 02 p0186 A67-12231
Characteristics of a traveling-wave ruby single mode laser as a laser radar transmitter. 05 p0819 A67-16657
- GOLDSTEIN, J. A.**
An existence theorem for linear stochastic differential equations. 08 p1347 A67-20356
- GOLDSTEIN, J. I.**
Rapid methods of determining cooling rates of iron and stony iron meteorites. 11 p1868 A67-24872
Cooling rates of 27 iron and stony-iron meteorites. 16 p2750 A67-31453
Distribution of germanium in the metallic phases of some iron meteorites. 22 p3885 A67-39976
Marburg - A new pallasite. 24 p4232 A67-42614
The iron meteorites, their thermal history and parent bodies. 24 p4234 A67-42627
- GOLDSTEIN, L.**
Helical configuration produced in gaseous magnetoplasmas by the gyro-resonance absorption of microwaves. 13 p2163 A67-26289
- GOLDSTEIN, M. E.**
Momentum and heat transfer in laminar flow of gas with liquid-droplet suspension over a circular cylinder. 04 p0725 A67-15439
Boundary-layer analysis of two-phase flow over an oscillating flat plate. 05 p0793 A67-17338
New formulation of the multicomponent laminar boundary-layer problem. 15 p2469 A67-29220
Momentum and heat transfer in laminar flow of gas with liquid-droplet suspension over a circular cylinder. [ASME PAPER 66-WA/HT-33]

- The shape of a magnetically balanced arc. 15 p2579 A67-29322
- GOLDSTEIN, R.**
Electrical conductivity measurements in a Faraday accelerator. [AIAA PAPER 66-75] 01 p0014 A67-11177
- GOLDSTEIN, R. J.**
Heat transfer bibliography. 01 p0167 A67-10978
Film cooling with helium injection into an incompressible air flow. 06 p1116 A67-18385
Flow and heat transfer in the boundary layer on a continuous moving surface. 10 p1732 A67-22728
Heat transfer bibliography. 17 p2969 A67-32450
Measurement of laminar flow development in a square duct using a laser-Doppler flowmeter. [ASME PAPER 67-APM-37] 17 p2861 A67-33161
- Turbulent flow measurements utilizing the Doppler shift of scattered laser radiation. 18 p3030 A67-34752
- GOLDSTEIN, R. M.**
The analysis of uncooperative radar targets. 04 p0699 A67-15031
Radar Doppler spectroscopy of Mars. I. Radar studies of Venus. [JPL-TR-32-1081] 18 p3123 A67-34146
- GOLDSTEIN, S.**
A new type of pneumatic triangle-wave oscillator. [ASME PAPER 66-WA/AUT-4] 04 p0555 A67-15388
- GOLDSTEIN, S. E.**
A method for obtaining high fidelity underwater simulation of manned space activities. [AIAA PAPER 67-925] 24 p4140 A67-43021
- GOLDSTEIN, S. R.**
A differential pulse-length modulated pneumatic servo utilizing floating flapper disk switching valves. 16 p2609 A67-31665
- GOLDSTEIN, Y.**
Tunneling induced by longitudinal microwave phonons in Al-Pb, Al-Sn, and Pb-Pb superconducting diodes. 03 p0379 A67-13330
- GOLDSZTAUB, S.**
Effect of vacuum on the sintering temperature /Effet du vide sur la temperature de soudage/. 06 p1006 A67-17559
- GOLDWIRE, H. C., JR.**
Microwave radiation of singly charged helium 3 from H II regions. 19 p3330 A67-36074
Ground-state hyperfine splitting of singly charged helium. 20 p3488 A67-36694
- GOLEBIEWSKI, A.**
Qualitative aspects of resonances in electron-atom and electron-molecule scattering, excitation, and reactions. 02 p0269 A67-12449
- GOLEMBESKI, J. J.**
A class of minimum sensitivity amplifiers. 15 p2443 A67-29239
- GOLENKO, D. I.**
The Monte Carlo Method of the Method of Statistical Trials. 03 p0462 A67-14256
- GOLES, G.**
Properties of lunar surface rocks. 15 p2553 A67-29159
- GOLES, G. G.**
Abundances of Na, Mn, Cr, Sc and Co in ultramafic rocks. 07 p1183 A67-20142
Abundances of chlorine, bromine and iodine in meteorites. 24 p4234 A67-42628
- GOLF, L. C.**
Boron carbide filaments from organoboranes. 03 p0454 A67-13421
- GOLIAN, T. C.**
Heat transfer measurements with a catalytic flat plate in dissociated oxygen. [AIAA PAPER 67-163] 06 p0989 A67-18481
Heat-transfer measurements with a catalytic flat plate in dissociated oxygen. 19 p3211 A67-35739
- GOLBERSUCH, D. C.**
Electron-phonon interaction via the augmented-plane-wave method. 16 p2731 A67-31447
- GOLIK, O. Z.**
Investigation of the viscoelastic properties of capron at infrasonic frequencies /Doslizhennia v'iazko-pruzhnykh vlastivostei kapronu na infrazvukovykh chastotakh/. 21 p3647 A67-37866
- GOLIK, R. J.**
Further results of viscous interaction theory for the laminar supersonic near wake. [AIAA PAPER 67-61] 06 p0941 A67-18467
- GOLINSKII, B. L.**
Limiting relations almost everywhere on a unit circle for polynomials which are orthogonal on the arc of the circle /O predel'nykh sootnosheniakh pochti vsiudu na edinichnoi okruzhnosti dlia mnogochlenov, ortogonal'nykh na ee dугe/. 03 p0456 A67-12885
- GOLOBIC, R. A.**
Shock tube measurements of end-wall radiative heat transfer in air. [AIAA PAPER 67-695] 21 p3732 A67-38724
- GOLODETS, V. IA.**
Quasi-linear ergodic measures /O kvaziliniarnykh ergodicheskikh merakh/. 14 p2343 A67-28502
- GOLONIAK, V. A.**
Distribution of the potential in an ionized-gas flow in a channel /O raspredelenii potentsiala pri techenii ionizirovannogo gaza v kanale/. 01 p0011 A67-10176
- GOLIOBOV, M.**
Solution of a support stressed with axial force and flexure by the method of initial parameters with the use of matrix notation /Reseni nosniku namahaneho osovou silou a ohybem metodou pocatecnich parametrov s pouzitim maticoveho puctu/. 19 p3343 A67-35815
- GOLOMB, D.**
Upper atmosphere O-atom densities by wind tunnel simulation of nitric oxide releases. [AFRL-67-0053] 04 p0615 A67-14971
Upper atmosphere densities and temperatures at 105-165 kilometers from diffusion and spectral intensity of AlO trails. 14 p2310 A67-28050
The chemiluminescent reaction of NO with O in a supersonic low density wind tunnel. 14 p2293 A67-28199
Observation of mesosphere winds and turbulence with smoke trails. 18 p3043 A67-34496
- GOLOMB, S. W.**
Shift register sequences. 19 p3187 A67-35832
- GOLOSKOKOV, E. G.**
Unsteady oscillations of mechanical systems /Nestatsionarnye kolebania mekhanicheskikh sistem/. 18 p3078 A67-33678
Natural vibrations of coaxial rotors /Ob avtokolebaniiakh soosnykh rotorov/. 23 p4009 A67-40685
Limitations of the small-parameter method in the problem of the passage through the resonance point of a nonlinear single-mass system /Ob ogranichenosti metoda "malogo parametra" v zadache o perekhode cherez rezonans nelineinai odnomassovoi sistemy/. 23 p4026 A67-40686
- GOLOSKOKOV, P. G.**
Bending of a rectangular plate of nonuniform thickness /Ob izgibe priamougol'noi plastinki peremennoi tolshchiny/. 12 p2031 A67-25962
- GOLOV, G. A.**
Oxygen balance of the organism during prolonged accelerations /Kislородnyi balans organizma pri dlitel'nykh uskoreneniakh/. 02 p0188 A67-12329
- GOLOVACHIK, P. I.**
Construction of small solutions for a class of nonlinear integral equations /O postroenii malyykh reshenii odnogo klassa nelineinykh integral'nykh uravnenii/. 05 p0836 A67-17488
- GOLOVANYUKII, K. S.**
Polarization of a plasma in an electric field. 04 p0666 A67-15180
Electrostatic polarization of a cylindrical plasma layer in an external static magnetic field /Elektrostaticheskaya polarizatsiya tsilindricheskogo sloia plazmy vo vneshnem staticheskoi magnitnom pole/. 13 p2168 A67-27305
Structure of the electrostatic charge in pulsed plasma flow /Struktura elektrostaticheskogo zariada v impul'snom potoke plazmy/. 13 p2168 A67-27306
- GOLOVANOV, IU. N.**
Change in the shape of metals under the simultaneous effects of thermal cycling and an external load. 19 p3244 A67-34929
- GOLOVCHANSKII, E. M.**
Kinetics of stored-energy buildup in alkali halide crystals after irradiation by protons /Kinetika nakoplenia zapasennoi energii v shchelochno-galodnykh kristallakh posle obлучenia protonami/. 01 p0136 A67-11050
Heat of formation of solid solutions and energy stored in them during irradiation by protons /Teplota obrazovaniia tverdykh rastvorov i energiya, zapasennaya v nikh pri obлучenii protonami/. 01 p0136 A67-11051
- GOLOVIN, E. S.**
Means of reducing spurious phase modulation in multistage frequency multipliers /Nekotorye vozmozhnosti umen'shenia parazitnoi fazovoi modulatsii v mnogokratnykh umnozhitel'nykh chastoty/. 18 p3000 A67-34087
- GOLOVIN, N. E.**
Alleviation of aircraft noise. [AIAA PAPER 66-909] 02 p0181 A67-12274
Alleviation of aircraft noise. 05 p0929 A67-16386
U.S. space-flight affairs and decisions - 1957-1967. 23 p4088 A67-40918
- GOLOVIN, S. A.**
Damping of oscillations in different metals. 15 p2504 A67-29970
Properties and structure of deformed and annealed molybdenum /Svoystva i struktura deformirovannogo i otzhzhennogo molibdena/. 20 p3466 A67-36967
- GOLOVKIN, L. G.**
Problem of the prolonged autonomous existence of humans in spacesuits /K probleme dlitel'nogo avtonomnogo suschestvovaniia cheloveka v kosmicheskoi skafandre/. 02 p0187 A67-12324
- GOLOVKINA, A. V.**
Combined effects of space-flight factors on certain functions of the body /Kombinirovannye vozdeystviia faktorov kosmicheskogo poleta na nekotorye funktsii organizma/. 01 p0015 A67-10336
- GOLOVKO, E. I.**
Kinetics of the oxidation of hafnium between 300 deg and 1200 deg. 13 p2132 A67-26999
- GOLOVNER, T. M.**
Determination of the integral value of the short circuit current of solar photoconverters from their spectral characteristics /Opredelenie integral'nogo znachenia toka korotkogo замыkania solnechnykh fotopreobrazovatelei po ikh spektral'nykh kharakteristikam/. 09 p1451 A67-22531
- GOLTS, E. IA.**
Short hydrogen plasmoids /Korotkie vodorodnye plazmennye sgustki/. 05 p0855 A67-16997
Use of artificial meteors for laser pumping. 06 p1009 A67-17757
Radiative acceleration of plasma /Radiatsionnoe uskorenie plazmy/. 17 p2904 A67-32915
- GOLTSEV, IA. M.**
A critical case of stability /Ob odnom kriticheskoi sluchae ustoiichivosti/. 18 p3080 A67-34605
- GOLTSEV, V. P.**
Electron-microscopic study of cleavages in molybdenum alloys /Elektronnomikroskopicheskoe issledovanie izlomov molibdenovykh splavov/. 07 p1198 A67-19184
Effect of d-transition metals on the strength and plasticity of molybdenum /Vliianie d-perekhodnykh metallov na prochnost' i plastichnost' molibdena/. 13 p2130 A67-26392
Effect of the structural state of molybdenum alloys on their cleavage patterns /Vliianie strukturnogo sostoiianiia na vid izloma molibdenovykh splavov/. 17 p2871 A67-32133
- GOLTSOVA, E. I.**
Densities of lithium, sodium, and potassium at temperatures up to 1500-1600 deg C. 16 p2692 A67-31773
- GOLUB, C. N.**
Acoustics at the Eastern Test Range. 20 p3415 A67-36593
- GOLUB, R.**
Level shifts due to the confinement of an atom by conducting walls. 17 p2888 A67-32390
- GOLUBCHIK, I. V.**
Some properties of carbide and boride diffusion coatings on refractory metals. 19 p3243 A67-34921
- GOLUBCHIKOV, L. G.**
A Toepler apparatus with a pulsed ruby laser for observing a plasma cloud /Teplerovskaya ustanovka s impul'snym

- rubinovym lazerom dlia issledovaniia plazmennoi obolochki/. 16 p2721 A67-31396
- GOLUBENTSEV, A. F.**
Minimization of TWT noise figure with consideration of current settling at input to delay structure. 03 p0386 A67-13961
Effect of continuous current interception along the delay system on the amplification of a traveling-wave tube /O vliani nepreryvnogo tokoosledaniia vdol' zamedlialushcheli sistemy na uslenie lampy regushcheli volny/. 16 p2640 A67-31506
- GOLUBEV, A. A.**
Program-controlled electromagnetic machine for fatigue tests. 03 p0420 A67-13565
- GOLUBEV, I. S.**
Pilotless aircraft and missiles /Bespilotnye letatel'nye apparaty/. 15 p2584 A67-29242
- GOLUBEV, I. U. M.**
Some characteristics of a He-Ne laser generating simultaneously at 3.39 and 0.6328 μ . 17 p2868 A67-32662
- GOLUBEV, V. A.**
Study of the emissive capacity of argon at high temperature and pressure /Issledovanie izluchatel'noi sposobnosti argona pri vysokikh temperaturakh i davleniakh/. 03 p0478 A67-13602
An investigation into turbulent submerged jets over a wide temperature range. 04 p0602 A67-14638
Radiating power of argon at high temperatures and pressures. 18 p3090 A67-34467
Investigation of a high-temperature turbulent jet /Issledovanie turbulentnoi strui vysokoi temperatury/. 23 p3989 A67-40728
- GOLUBEV, V. G.**
Regions where motion is impossible in the three-body problem /Ob oblastiakh nevozmozhnosti dvizhenii v zadache trekh tel/. 18 p3117 A67-33627
- GOLUBEV, V. S.**
Determination of the concentration of cesium atoms in an argon-cesium flow by the radiation absorption method /Opredelenie kontsentratsii atomov tsezila v potoke argono-tsezilevoi smesi metodom pogloshcheniia izlucheniia/. 09 p1538 A67-21778
Investigation of an electrical discharge in a magnetic field in the presence of a gas flow /Issledovanie elektricheskogo razriada v magnitnom pole pri nalichii potoka gaza/. 09 p1542 A67-21816
- GOLUBITSKII, B. M.**
Calculation by the Monte Carlo method of the radiation shift in a homogeneous diffusion sphere with a central point source /Raschet perenosa izlucheniia v odnorodnoi rasselvalushcheli sfere s tsentral'nyim tochechnym istochnikom metodom Monte-Karlo/. 05 p0838 A67-16491
Calculation of the radiation transport in a homogeneous scattering sphere with a central point source by the Monte Carlo method. 13 p2155 A67-26346
- GOLUBKOV, A. V.**
Thermal conductivity of lanthanum and its monochalcogenides. 04 p0680 A67-15287
Heat capacity of NdS, LaSe, and LaTe /Teploemkost' NdS, LaSe i LaTe/. 05 p0867 A67-17056
Specific heat of NdS, LaSe, and LaTe. 15 p2538 A67-29787
- GOLUBKOV, V. V.**
A statistical method for determining the orientation and rotation of artificial satellites from measurement data. 22 p3878 A67-39186
- GOLUBOVSKII, I. U. B.**
The mechanism of the contracted discharge column. 19 p3272 A67-35092
- GOLYNSKAIA, R. M.**
Mean radiation patterns and antenna amplification losses /O srednikh diagrammakh napravlenosti i poteriakh usileniia anten/. 23 p3977 A67-40599
- GOMAN, O. G.**
Nonsteady-state gas flows with small entropy gradients /Neustanovivshiesia techeniia gaza s malymi gradientami entropii/. 02 p0178 A67-11629
- GOMBERG, L.**
The reliability of the Lunar Orbiter power subsystem. 20 p3363 A67-36594
- GOMERSALL, E. W.**
A survey of advanced structural technologies applicable to future large launch vehicles. 15 p2569 A67-29855
- GOMEZ, E. L.**
Parametric synthesis and performance analysis of dual-fuel hypervelocity cruise vehicles. [AIAA PAPER 87-559] 19 p3174 A67-35956
- GOMEZ, R.**
Search for fractionally charged particles in cosmic rays near sea level. 15 p2550 A67-29680
- GOMI, M.**
Theory on the secondary flows through cascades. 13 p2049 A67-26530
- GONCHARENKO, A. M.**
Propagation of Gaussian beams in anisotropic media. 24 p4167 A67-42092
- GONCHARENKO, V. M.**
Effect of energy dissipation in a material on the oscillations of an elastic element in the case of random excitation /O vliani rasselaniia energii v materiale na kolebania uprugogo elementa pri sluchainom vzbuzhdenii/. 05 p0923 A67-17182
Nonlinear oscillations of plates under the simultaneous effect of a harmonic and a random load /Nekotorye zadachi o nelineinykh kolebaniakh plastin pri odnovremennom delstviu harmonicheskoi i sluchainoi nagruzki/. 12 p2024 A67-25597
- GONCHARENKO, V. P.**
Valve for pulsed gas admission into the working volume of a plasma accelerator /Klapan dlia impul'snogo napusku gazu v robochei ob'em priskoriuvacha plazmi/. 01 p0119 A67-10136
Magnetic measurements in a coaxial source /Magnitnye izmereniia v koaksial'nom istochnike/. 04 p0667 A67-15212
Some aspects of plasma acceleration in a coaxial source /Nekotorye voprosy uskorenii plazmy v koaksial'nom istochnike/. 15 p2525 A67-29251
Investigation of a coaxial plasma source with gas admission at its end /Issledovanie koaksial'nogo istochnika plazmy s napuskom gaza na kontse/. 15 p2525 A67-29252
Magnetic measurements in a coaxial plasma gun. 15 p2532 A67-30260
- GONCHARIUK, I. V.**
Torsional rigidity of rods of polygonal profile /Zhestkost' krucheniiia sterzhnei poligonal'nogo profilaa/. 14 p2401 A67-28739
- GONCHAROV, E. I.**
Thermal behavior of fuel elements in the case of variable values of the heat-transfer coefficient and ambient temperature /Temperaturnyi rezhim teplovyydelialushchikh elementov pri peremennykh znacheniiakh koefitsienta teploobmena i temperatury vneshnei sredy/. 23 p4082 A67-41286
- GONCHAROV, I. N.**
A superconducting magnet from Nb plus 75 percent Zr at 85 kgauss /Sverkhprovodiaschii magnit iz Nb plus 75 percent Zr na 85 kgs/. 15 p2422 A67-29127
Effect of oxygen impurity on the structure and superconducting properties of zirconium-niobium alloys. 19 p3243 A67-34925
- GONCHAROV, N. I. U.**
T-shaped radio telescope with a range from 10 to 25 mc with electric beam control /T-obraznyi radioteleskop diapazona 10 - 25 MGTs s elektricheskim upravleniem luchom/. 16 p2640 A67-31496
- GONCHAROV, V. A.**
Gallium arsenide laser with plane resonator. 04 p0634 A67-15759
Effects of nonuniform excitation of semiconductor lasers pumped by an electron /Effekty neodnorodnosti vzbuzhdeniia poluprovodnikovyykh lazerov s nakachkoi elektronnykh puchkom/. 10 p1666 A67-23648
Effects of excitation inhomogeneity in semiconductor lasers pumped by an electron beam. 17 p2870 A67-33329
- GONCHAROVA, E. E.**
Statistical distribution of delta f sub 0 F sub 2. 07 p1174 A67-19703
- GONCHARUK, A. B.**
Lanthanum germanides. 13 p2131 A67-26470
- GONCHARUK, N. Z.**
Microdiode matrices /Matritsy na mikrodiodakh/. 22 p3769 A67-39581
- GONCHUKOV, S. A.**
Temperature effects in the Ne-He laser. 01 p0090 A67-10512
- GONDA, T.**
Threshold dependency on photon energy in GaAs laser diodes. 03 p0379 A67-13480
Radiative recombination in gallium arsenide p-n junctions. 10 p1693 A67-23523
Thermal resistance of GaAs laser diodes. 11 p1802 A67-24744
- GONDET, H.**
Spatial-turn simulator /Un simulateur de virage spatial/. 10 p1655 A67-22840
- GONELLA, J.**
Normal and abnormal optical absorption in thin films of zinc sulfide /Absorption optique normale et anormale dans les couches minces de sulfure de zinc/. 02 p0288 A67-11724
- GONG, H.**
Factors limiting UHF telemetry systems operation. 02 p0196 A67-12005
- GONIN, G. B.**
Distortion of aerial-photograph and model coordinates due to the effects of atmospheric refraction and curvature of the earth's surface /Iskazhenie koordinat aerosnimkov i modeli vsledstvie vlianiia atmosferno refraktsii i krivizny zemnoi poverkhnosti/. 14 p2318 A67-28371
Theory of processing of panoramic photographs /Teoriia obrabotki panoramnykh snimkov/. 14 p2318 A67-28372
Scanning and transformation of panoramic photographs /Razvertka i transformirovanie panoramnykh snimkov/. 14 p2319 A67-28373
- GONOR, A. L.**
Certain three-dimensional flows with a Mach interaction between shock waves /Nekotorye prostranstvennye techeniia s makhovskimi v zaimodelstviem udarnykh voln/. 06 p0936 A67-17736
Newton's law of resistance for bodies formed by intersecting surfaces /Zakon soprotivleniia N'iutona dlia tel, obrazovannykh peresekalushchimisli poverkhnostiami/. 10 p1590 A67-23035
- GONSER, B. W.**
The unfamiliar metals. 05 p0830 A67-17088
- GONTAR, I. D.**
A large-base phase meter /Fazometr s bol'shoi bazoi/. 07 p1186 A67-19587
Phasemeter with a long base. 20 p3452 A67-37324
- GONTKEVICH, V. S.**
Natural oscillations of cylindrical shells in a hypersonic fluid flow /Sobstvennye kolebania tsilindricheskikh obolochek v giperzvukovom potoke zhidkosti/. 05 p0916 A67-16229
Natural magnetoelastic oscillations of a circular cylindrical shell /Sobstvennye magnitoupругie kolebania krugovoi tsilindricheskoi obolochki/. 12 p2023 A67-25596
- GONTKOVSKAIA, V. T.**
Contribution to the thermal explosion theory of self-accelerating reactions /K teorii teplovogo vzryva samouskorialushchikhsia reaktsii/. 12 p2039 A67-26111
Numerical methods for solving problems of thermal explosion and combustion on electronic computers /Chislennyye metody resheniia zadach po teplovomu vzryvu i goreniu na elektronno-vychislitel'nykh mashinakh/. 17 p2973 A67-33075
- GONZAGA, F.**
Piaggio-Douglas PD 808 /Il Piaggio-Douglas PD 808/. 15 p2422 A67-30399
- [AGARDOGRAPH 95]**
15 p2422 A67-30399
- GONZALES, R. L.**
Synthesis for minimum sensitivity under worst case conditions. 08 p1309 A67-20329
- GONZALEZ, J. L.**
Thermoluminescence of the moon. 01 p0146 A67-10249
- GOOBICH, B.**
A unique metal-to-metal seal for separable joints. 17 p2864 A67-31993
- GOOCH, C. H.**
A theory of the high power operation of gallium arsenide lasers. 10 p1665 A67-23519
- GOOD, I. J.**
How to estimate probabilities. 06 p1022 A67-17646
- GOOD, R. A.**
Some aspects of the cardiovascular and renal circadian systems. 11 p1747 A67-24785
- GOOD, R. C., JR.**
The magnetosphere of the planet Mercury as a scattering center for solar flare protons. [AIAA PAPER 87-150] 06 p1088 A67-18505
Thermistor analog study of dynamic shear in model viscoelastic materials. 09 p1533 A67-22152

- GOOD, R. E.**
Upper atmosphere O-atom densities by wind tunnel simulation of nitric oxide releases.
[AFCR-67-0053] 04 p0615 A67-14971
The chemiluminescent reaction of NO with O in a supersonic low density wind tunnel. 14 p2293 A67-28199
- GOODALL, D. G.**
The ignition of flammable fluids by hot surfaces. 09 p1580 A67-22248
- GOODE, B. B.**
Synthesis of a nonlinear Bayes detector for Gaussian signal and noise fields using Wiener filters. 12 p1919 A67-26087
- GOODE, R. J.**
Evaluating mechanical and corrosion suitability of materials. [ASME PAPER 67-DE-7] 14 p2339 A67-28866
Evaluating alloys for failure-safe structures. 17 p2875 A67-33048
Fracture toughness and stress-corrosion cracking of some titanium alloy weldments. 24 p4161 A67-42329
- GOODELL, H. G.**
Confirmation of the reality of the Gilsa geomagnetic polarity event. 11 p1788 A67-24700
- GOODERUM, P.**
Mean droplet size for cross-stream water injection into a Mach 8 air flow. 11 p1779 A67-24366
- GOODFRIEND, H. J.**
Digital electronic programmable turbine engine control system. 01 p0030 A67-11094
- GOODHART, M.**
Nonairbreathing internal combustion engine. 24 p4107 A67-42533
- GOODIER, J. N.**
Dynamic plastic buckling. 14 p2397 A67-28088
- GOODING, R. H.**
Orbit determination from minitrack observations. 18 p3126 A67-34244
On the use of range and range-rate measurements in the new R.A.E. orbit determination program. 19 p3319 A67-35216
- GOODINGS, J. M.**
Ion sampling considerations for a discharge plasma of nitrogen. 02 p0272 A67-11889
- GOODISON, C. E.**
Operational weather satellites - Receiving cloud cover pictures. 03 p0424 A67-13913
- GOODKIND, J. M.**
A superconducting gravimeter. 22 p3809 A67-40432
- GOODLING, J. S.**
Investigation of direct energy conversion utilizing a superconducting flux barrier. 22 p3748 A67-40151
- GOODMAN, A. M.**
Photoemission of electrons from n-type degenerate silicon into silicon dioxide. 05 p0870 A67-17195
Evaporated metallic contacts to conducting strontium titanate single crystals. 23 p4038 A67-40874
- GOODMAN, B. B.**
Type II superconductors. 19 p3307 A67-35868
- GOODMAN, C. H.**
Further study on "A stability criterion for panel flutter via the second method of Liapunov." 23 p4081 A67-41752
- GOODMAN, C. H. L.**
A possible new group of semiconducting compounds. 16 p2725 A67-30806
- GOODMAN, D. M.**
History and state-of-the-art in automatic electronic test and checkout. 20 p3416 A67-36970
Problems and pitfalls in automatic test computer programming. 20 p3391 A67-36972
Nondestructive testing of electronic circuits with fiber optic scintillators, vidicon data sampling and pattern recognition displays. 20 p3449 A67-36982
An automatic test system based upon pattern recognition displays. 20 p3392 A67-36991
- GOODMAN, F. O.**
Formula for thermal accommodation coefficients. 12 p2040 A67-26229
Preliminary results of a three-dimensional hard-spheres theory of scattering of gas atoms from a solid surface. 13 p2097 A67-26936
Three-dimensional hard spheres theory of scattering of gas atoms from a solid surface. I. 19 p3264 A67-34936
- GOODMAN, J. M.**
Some evidence of E sub s -layer effects upon 137 MHz radio waves. 14 p2270 A67-28577
- GOODMAN, J. W.**
Temporal filtering properties of holograms. 13 p2121 A67-27352
Digital image formation from electronically detected holograms. 20 p3448 A67-36852
Digital image formation from electronically detected holograms. 24 p4157 A67-42437
- GOODMAN, M.**
Low-thrust propulsion for the MORL. [AIAA PAPER 66-226] 07 p1240 A67-19365
- GOODMAN, M. A.**
Further study on "A stability criterion for panel flutter via the second method of Liapunov." 23 p4081 A67-41752
- GOODMAN, R. R.**
Optical absorption in a Kronig-Penney semiconductor. 17 p2914 A67-32386
- GOODMAN, S.**
Automatic plasma arc welding of square butt pipe joints. 14 p2327 A67-28819
- GOODMAN, T. R.**
System identification and prediction - An algorithm using a Newtonian iteration procedure. 03 p0392 A67-13658
- GOODRICH, G. W.**
Optical detectors using Bendix Channeltron multipliers. 17 p2858 A67-32480
- GOODSON, W. L.**
Ionization structure of planetary nebulae /Ionisationsstruktur planetarischer Nebel/. 14 p2382 A67-27847
- GOODWIN, A. R.**
Localized modes of substitutional impurities in intermetallic compounds. 06 p1059 A67-18910
- GOODWIN, D. W.**
Application of lasers. 23 p4015 A67-41050
- GOODWIN, G. L.**
Horizontal movements in the lower E-and D-regions. 22 p3788 A67-39467
- GOODWIN, R. D.**
Density-temperature formulae for coexisting liquid and vapor and for freezing liquid parahydrogen. 06 p1118 A67-18521
An equation of state for fluid parahydrogen from the triple-point to 100 deg K at pressures to 350 atmospheres. 16 p2780 A67-31763
- GOODY, R.**
Radiative relaxation times for Mars - A discussion of Martian atmospheric dynamics. 17 p2951 A67-33187
- GOODY, R. M.**
A discussion of the deep circulation of the atmosphere of Venus. 03 p0514 A67-14310
- GOODYER, M. J.**
Roll control techniques on magnetic suspension systems. 10 p1623 A67-23471
- GOODYKOONTZ, J. R.**
Problems in the design of electronic equipment for space. 21 p3591 A67-38209
- GOOGINS, G. C.**
The design, development, and testing of a series of air-launched sounding rockets. 08 p1407 A67-20518
- GOPAL, RAO, M. S. V.**
Magnetospheric ionization density profiles and whistler propagation. 19 p3225 A67-35808
- GOPALAKRISHNA, M.**
A dynamical problem of thermoelasticity concerning a circular disc. 08 p1418 A67-20723
- GOPALAKRISHNAN, A.**
Mixing, ignition, and combustion analysis of air augmented solid rockets with boron particles. [AIAA PAPER 67-481] 18 p3158 A67-33950
- GOPASIAK, S.**
Parameters of Forbush effects and flares. 16 p2739 A67-31457
Effects of systems of magnetic bottles from flares. 16 p2739 A67-31458
- GOPASYUK, S.**
Forbush effects and the possibility of the interaction of magnetic bottles produced by solar flares. 03 p0507 A67-14003
Reconnection of magnetic field of active regions by the interaction of their extensions in interplanetary space. 10 p1712 A67-23805
- GOPINATH, R.**
On flow past blunt bodies by the method of Belotserkovskii. 17 p2793 A67-33026
- GORAL, A.**
Principles of the generalized theory of nonparametric amplifying devices. II /O zasadach uogolnionej teorii nieparametrycznych przyrzadow wzmacniajacych. II/. 05 p0769 A67-16168
- GORAN, R. C.**
Principles of a generalized theory of nonparametric amplifiers. III /O zasadach uogolnionej teorii nieparametrycznych przyrzadow wzmacniajacych. III/. 14 p2286 A67-28586
- GORAN, R. C.**
Safety considerations in design of manned orbital and space vehicle structures. [SAE PAPER 660681] 01 p0154 A67-10585
- GORBACH, T. IA.**
Four-cell position-sensitive photodiodes /Chetyrekhelementnye pozitsionno-chuvstvitel'nye fotodiody/. 18 p3009 A67-33470
- GORBACH, V. G.**
Strengthening of ageing Fe-Ni-Ti alloys in the process of the direct and reverse gamma-alpha-gamma transformation. 04 p0635 A67-14430
- GORBACHEV, L. P.**
Motion of an electrically conducting fluid produced by slow rotation of a disk in a housing in the presence of an axial magnetic field /O dvizhenii elektroprovodiashei zhidkosti, vyzvannom medlennym vrashcheniem diska v kozhukhe pri nalichii oseвого magnitnogo polia/. 21 p3665 A67-38247
- GORBACHEVA, L. K.**
Concerning the mechanism of slow polarization processes in barium titanate. 03 p0497 A67-13702
- GORBAN, A. V.**
On the structure of the optimal Liapunov-Bellman function. 09 p1525 A67-22077
A minimax problem /Ob odnoi minimaksnoi zadache/. 19 p3202 A67-35887
- GORBAN, G. M.**
Improvement of some polyvinyl chloride polymers and decrease of their toxicity /K voprosu "oblagorazhivaniia" nekotorykh polivinilkhloridnykh polimerov i o putiakh snizheniia ikh toksichnosti/. 16 p2693 A67-30910
- GORBAN, I. S.**
Radiative and nonradiative recombination of minority carriers in gallium phosphide crystals /Izuchatel'nala i bezyzuchatel'nala rekombinatsiia neosnovnykh nositelei v kristallakh fosfida galliia/. 05 p0868 A67-17063
Radiative and nonradiative recombination of minority carriers in gallium phosphide. 15 p2538 A67-29794
- GORBANI, A. P.**
Investigation of currents controlled by a surface space charge in field-effect and MOS structures /Doslidzhennia strumiv, kerovanikh poverkhnevimi prostorovimi zarladom, v efekti polia i MOS-strukturakh/. 20 p3511 A67-37141
- GORBANUK, A. G.**
Thomson mass spectroscopy for studying plasmoids /Mass-spektroskop Tomsona dla izuchenii plazmennyykh sgustkov/. 15 p2486 A67-29280
- GORBATIUK, V. A.**
Determination of the enthalpy of self-binding silicon carbide at temperatures from 1300 to 2000 deg K /Opredelenie entalpii samosviazannogo karbida kremnia v intervalie temperatur 1300-2000 deg K/. 03 p0446 A67-13609
Determination of the enthalpy of self-bound silicon carbide in the 1300-2000 deg K temperature range. 18 p3066 A67-34474
- GORBATKOV, S. A.**
Conical magnetohydrodynamic flow with a Hall effect in an axial magnetic field /Konusnoe magnitogazodinamicheskoe techenie s efektom Kholla v aksial'nom magnitnom pole/. 04 p0669 A67-15515
- GORBENKO, V. G.**
A generator of a sequence of nanosecond light pulses /Generator serii svetovyykh nanosekundnykh impul'sov/. 19 p3228 A67-34987
- GORBONOSOV, A. E.**
Temperature dependence of the Josephson current in anisotropic superconductors /Temperaturnala zavisimost' toka Dzhozefsona v anizotropnykh sverkhprovodnikakh/. 17 p2915 A67-32719
- GORBOV, F. D.**
Experimental studies in space psychophysiology /Eksperimental'nye issledovaniia v kosmicheskoi psikhofiziologii/. 13 p2058 A67-26751
- GORBUNKOV, V. M.**
Multiple-photon ionization of atoms and

- molecules in a strong electromagnetic wave field. 19 p3285 A67-35164
- GORBUNOV, G. M.**
Mechanism of fuel burnout in the region of inflow of the secondary jets into the combustion chamber of a gas-turbine engine /O mekhanizme vygoraniya topliva v zone vtekanila strui vtorichnogo vozdukh v kamere sgoraniya gazoturbinnogo dvigatelya/. 22 p3869 A67-40453
- GORBUNOV, L. M.**
Scattering of waves in a plasma. 03 p0367 A67-12938
- GORBUNOV, M. N.**
Wall thickening during compression with axial support /Nabor toishchiny stenki pri obzhime s oseym podporom/. 07 p1191 A67-19749
- GORBUNOV, S. A.**
Study of the effect of nickel, silicon, and niobium on the oxidation of titanium at high temperatures /Izuchenie vliyaniya nikkela, kremniya i niobia na oksidenie titana pri vysokikh temperaturakh/. 07 p1205 A67-19275
- GORBUOVA, V. G.**
Specific heat of nitrogen near the critical point. 03 p0532 A67-12929
- GORBUSHINA, G. N.**
Interrelationship between irregular phenomena in the aurora-zone ionosphere and perturbations in the outer radiation belt /Vzaimosvlyaz' neregulyarnykh yavleniy v ionosfere zony polarnykh silaniy i vozmushcheniy vo vneshim polose radiatsii/. 10 p1699 A67-22784
- Zone of anomalous absorption during various phases of the solar activity cycle. 12 p1933 A67-25550
- Correlation between irregular phenomena in the ionosphere of the auroral zone and disturbances in the outer radiation belt. 24 p4209 A67-42120
- GORCHAKOV, E. T.**
Measurements of the penetrating radiation intensity on the moon's surface. 18 p3122 A67-34143
- GORCHAKOV, E. V.**
Measurement of the intensity of the penetrating radiation at the surface of the moon. 08 p1385 A67-20841
- On the Coulombic interaction influence upon the electron distribution in the radiation belts at low altitudes in the magnetic anomaly region. 10 p1702 A67-23299
- Results of investigations of geometrical position and of composition of the earth's radiation belt particles according to Electron 1 and Electron 2 data. 12 p1998 A67-25816
- Cosmic-ray study on the satellite Cosmos 53 /Issledovanie kosmicheskikh luchey na sputnike Kosmos-53/. 23 p4055 A67-41099
- GORDEEV, A. G.**
Methods of measuring velocity and photographing models during ballistic studies /Metody izmereniya skorosti i fotografirovaniya modeley pri ballisticheskikh issledovaniyakh/. 16 p2674 A67-31126
- GORDEEV, A. N.**
Power-energy spectrum of cosmic rays as a solution of the general covariant kinetic equation /Stepennoy energeticheskii spektr kosmicheskikh luchey kak reshenie obshchekovariantnogo kineticheskogo uravneniya/. 02 p0308 A67-12491
- The power energy spectrum of cosmic rays as a solution of the general covariant kinetic equation. 10 p1703 A67-23359
- GORDEEV, G. V.**
High-frequency plasma oscillations in planar diodes /Vysokochastotnye kolebaniya plazmy v ploskostnykh diodakh/. 05 p0866 A67-16993
- Undamped plasma oscillations in nonpolar semiconductors. 11 p1846 A67-24472
- GORDEEV, N. G.**
Simulation of certain nonlinear dependences with the aid of magnetic devices /Modelirovaniye nekotorykh nelineynykh zavisimostey s pomoshch'yu magnitnykh ustroystv/. 09 p1498 A67-22032
- GORDEEV, V. E.**
Initiation of an explosive reaction in condensed explosives by a gas detonation. 06 p1112 A67-17954
- Detonation initiation in liquid explosives by cavitation /Vozbuzhdeniye vzryva zhidkikh vzryvchatykh veshchestv kavitatsiei/. 11 p1884 A67-24956
- GORDEVA, L. T.**
Surface hardening of titanium by nitrogen and carbon using high-frequency induction

- heating. 19 p3242 A67-34919
- GORDIENKO, L. K.**
Mechanico-thermal treatment as an effective method of increasing the high-temperature strength of metals and alloys. 19 p3247 A67-35852
- GORDIENKO, S. P.**
Determination of the enthalpy of self-binding silicon carbide at temperatures from 1300 to 2000 deg K /Opredeleniye entalpii samosvlyazannogo karbida kremniya v intervalye temperatur 1300-2000 deg K/. 03 p0446 A67-13609
- A study of the evaporation and thermodynamic properties of chromium carbides. 03 p0456 A67-14193
- Determination of the enthalpy of self-bound silicon carbide in the 1300-2000 deg K temperature range. 18 p3066 A67-34474
- Study of the rate of vaporization, the vapor tension, the composition discontinuity, and certain thermodynamic properties of refractory compounds at temperatures up to 3000 deg C /Etude de la vitesse de vaporisation, de la tension de vapeur, de la discontinuite de composition et de certaines proprietes thermodynamiques des composés réfractaires a des températures allant jusqu'a 3000 deg C/. 20 p3463 A67-36116
- GORDIENKO, V. N.**
Equivalent transformations of electronic circuits with nonreciprocal elements /Ekvivalentnyye preobrazovaniya radioelektronnykh skhem s neobratimymi elementami/. 19 p3201 A67-34908
- GORDIETS, B. F.**
Cooling free plasma electrons /Ob okhlazhdenii svobodnykh elektronov plazmy/. 01 p0122 A67-10346
- Stimulated emission during decay of an infinitely ionized plasma /Ob usilenii izlucheniya pri raspade predel'no ionizovannoy plazmy/. 05 p0855 A67-16998
- Cooling of free electrons in a plasma. 11 p1843 A67-25019
- GORDIETZ, B. F.**
Vibrational level inversion population of polyatomic molecules, CO sub 2 laser. 20 p3457 A67-36216
- GORDON-SMITH, A. C.**
Absorption and scintillation effects at 3mm wavelength on a short line-of-sight radio link. 14 p2274 A67-28923
- GORDON, A. R.**
Ionizing detonation waves in transverse electromagnetic fields. 15 p2528 A67-29567
- GORDON, A. S.**
Techniques for the study of the combustion of metals. [AIAA PAPER 87-66] 06 p1072 A67-18437
- The morphology of aluminum particle combustion. [WSCI PAPER 66-3] 22 p3919 A67-40224
- GORDON, D. A.**
Computer design of an electrostatic colloid thruster. [AIAA PAPER 87-84] 06 p1075 A67-18499
- Computer design of an electrostatic colloid thruster. [AIAA PAPER 87-84] 22 p3868 A67-40101
- GORDON, D. E.**
Drift velocities of slow electrons in methane, ethane, ethylene, propylene, acetylene, and 1-butene. 11 p1824 A67-24994
- GORDON, F. G., JR.**
The effects of space radiation on MOSFET devices and some application implications of those effects. 04 p0589 A67-15715
- GORDON, G. S.**
Failure reporting on satellite programs. 09 p1480 A67-22289
- GORDON, I.**
Low-drive, temperature stable ferrite for laminated memory arrays. 22 p3861 A67-39914
- GORDON, I. I.**
Qualitative theory of second-order dynamic systems /Kachestvennaya teoriya dinamicheskikh sistem vtorogo poriadka/. 03 p0390 A67-13109
- GORDON, J.**
Preparation and characteristics of gallium arsenide. 10 p1692 A67-23512
- GORDON, J. P.**
Quantum theory of a simple maser oscillator. 22 p3814 A67-39436
- GORDON, L.**
Airline scheduling of V/STOL aircraft. [AIAA PAPER 87-801] 24 p4259 A67-42961
- GORDON, M. A.**
High time-resolution studies of Jupiter's radio bursts. 14 p2388 A67-28836

- GORDON, P.**
Solution of the time-dependent Navier-Stokes equations for the flow around a circular cylinder. [AIAA PAPER 87-221] 07 p1169 A67-19625
- GORDON, P. F.**
Radial propagation of axial shear waves in nonhomogeneous elastic media. 21 p3719 A67-38146
- GORDON, R. B.**
Defining the safety mission. 18 p3163 A67-34691
- GORDON, R. L.**
A strapped down orbital attitude reference system. 22 p3907 A67-40187
- GORDON, S.**
Calculation of complex chemical equilibria. 16 p2620 A67-31815
- GORDON, T. J.**
Extensions of Saturn. 01 p0156 A67-11422
- GORDON, W. E.**
Radar spectrographic estimates of ionic composition from 225 to 1400 kilometers for solar minimum winter and summer conditions. 04 p0614 A67-14955
- The F-region and magnetosphere - Backscatter results. 14 p2265 A67-28410
- Spherical reflectors in radio telescopes - A critical study. 14 p2284 A67-28432
- Travelling waves in the F region over Arecibo associated with a magnetic disturbance. 15 p2483 A67-30299
- F region and magnetosphere, backscatter results. 17 p2843 A67-32389
- GORDY, L. H.**
The use of semiconductors for the study of boiling heat transfer to low temperature liquids. 16 p2780 A67-31533
- GORE, R. C.**
Statistical properties of orbit perturbations induced by the earth's anomalous gravity. [AIAA PAPER 87-93] 06 p1084 A67-18278
- Statistical properties of orbit perturbations induced by the earth's anomalous gravity. 21 p3700 A67-37785
- GOREE, W. S.**
Some techniques for sensitive magnetic measurements using superconducting circuits and magnetic shields. 10 p1657 A67-23780
- GORELIK, S. S.**
Effect of precrystallization heating on the variation of the elastic characteristics and the structure of cold-rolled titanium and zirconium /Vliyaniye dorekristallizatsionnogo nagreva na izmeneniye uprugikh kharakteristik i strukturu kholodnokatanogo titana i tsirkoniya/. 08 p1342 A67-21003
- Changes in the structure of deformed niobium and niobium alloys during heating. 21 p3644 A67-38031
- GORELOV, D. N.**
Plate cascade in a subsonic unsteady gas flow /Reshetka plastin v dozvukovom nestatsionarnom potoke gaza/. 06 p0935 A67-17729
- GORELOV, I. M.**
Phase boundary in ferroelectric SbSI as the analog of an electric domain in a semiconductor. 06 p1047 A67-17758
- GORELOV, I. U. A.**
Theory of extremal motions of a point of variable mass in a central gravitational field. 13 p2199 A67-26894
- GORELYI, A. V.**
Solution of the general elastic problem for some boundary conditions /K resheniyu obshchey zadachi teorii uprugosti dlya nekotorykh granichnykh usloviy/. 05 p0916 A67-16227
- GOREN, Y.**
A method of measuring the concentration of certain polymers in dilute aqueous solutions. 15 p2433 A67-29676
- GORENFLO, R.**
Two-dimensional magnetohydrostatic equilibrium with inner fields /Ebene magnetohydrostatische Gleichgewichte mit Innenfeld/. 17 p2903 A67-32709
- GORENSTEIN, P.**
A measurement of the location of the X-ray source SCO X-1. 02 p0308 A67-11771
- On the optical identification of Sco X-1. 02 p0324 A67-11772
- The size and position of the X-ray source in the Crab Nebula. 13 p2189 A67-26263
- An X-ray survey of the Cygnus region. 17 p2937 A67-32648
- On the optical search for the X-ray sources Cyg X-1 and Cyg X-2. 17 p2937 A67-32649

- GORGOLEWSKI, S.**
Lunar radio astronomy
observatory. 04 p0598 A67-15069
- GORGOSZ, M.**
Analysis of interrelation between
geometric and dynamic flattening of the
earth. 15 p2477 A67-29744
- GORHAM, J. A.**
Developments associated with advanced
commercial aircraft crew requirements.
[AIAA PAPER 67-399] 15 p2433 A67-30366
Where are we now with all-weather
landing/ques/ [AIAA PAPER 67-572] 19 p3258 A67-35968
- GORIAACHEV, I. U. M.**
Nature of the thermal conductivity of the
carbides of some group IV and V transition
metals /O prirode teploprovodnosti karbidov
nekotorykh perekhodnykh metallov IV i V
grupp/. 11 p1804 A67-23902
- GORIAACHEV, V. L.**
Thermal regime of combustion of an
electric arc /O teplovom rezhime gorenia
elektricheskoi dugi/. 12 p2033 A67-25314
Shock tube for studying ionized gas flows
/Udarnala truba dlia issledovaniia techenii
ionizirovannykh gazov/. 24 p4139 A67-42357
- GORIAAGA, G. I.**
Interaction between the luminescence
front in an electrodynamical shock tube and a
transverse magnetic field /Vzaimodelstvie
fronta svecheniia v elektrodinamicheskoi
udarnoi trubke s poperechnym magnitnym
polem/. 02 p0274 A67-12416
- GORIAINOV, L. A.**
Methods for the separation of composite
heat transfer. 04 p0722 A67-14715
Determination of the Reynolds number in
heat transfer relations. 04 p0722 A67-14718
- GORIAINOV, V. T.**
Response of a linear system to a segment
of quasi-sinusoidal fluctuations in the
presence of additive white
noise. 05 p0767 A67-17396
Influence of carrier instability on the
noise immunity of discrete communication
systems. 16 p2620 A67-30477
Signal-to-noise ratio at the output of a
linear system in the presence of a
mismatched input signal /Otnoshenie
signal/shum na vykhode lineinoi sistemy pri
rasstroennom signale/. 22 p3761 A67-39867
- GORIDKO, M. IA.**
Influence of certain impurities and heat
treatment on the photochemical effect in
germanium /Do pitannia pro vpliv delakikh
domishok i termomekhanichnoi obrobki na
fotomekhanichnii efekt v
germanii/. 13 p2174 A67-28400
- GORIDKO, N. IA.**
Photochemical effect in germanium
containing weakly soluble elements as
impurities. 04 p0680 A67-15285
- GORIN, G. S.**
Programmer for an autopilot
/Programmnoe ustroistvo
kaytopilota/. 03 p0465 A67-14284
- GORING, G. E.**
Determination of compressibility factors
using sonic velocity
measurements. 07 p1168 A67-19577
- GORINOV, N.**
Effect of the sporadic E sub s layer on
nocturnal absorption in the ionosphere at
1.22 MHz /Einfluss der sporadischen E sub
s-Schicht auf die naechtlliche
Ionosphärenabsorption der Frequenz 1,22
MHz/. 09 p1491 A67-21930
On the post culmination maximum in layer
F2. 17 p2842 A67-32384
- GORIUNOV, N. N.**
Observation of thermal fields in
semiconductor devices. 06 p0970 A67-18193
- GORIUNOVA, N. A.**
Preparation and certain properties of the
semiconductor compound CdSnAs sub 2
/Poluchenie i nekotorye svoistva
poluprovodnikovogo soedineniia CdSnAs sub
2/. 06 p1048 A67-17840
Production of the semiconductor
compound CdSnAs sub 2 and some of its
properties. 17 p2922 A67-33218
A scheme for the derivation of the
compositions of general ternary inorganic
semiconductors. 20 p3512 A67-37243
- GORJUP, M.**
Laboratory calibration of a micrometeoroid
impact gauge. 15 p2486 A67-29410
- GORKIEWICZ, H.**
Input admittance of electronic tubes and
methods for measuring it /Admittancja
wejsciowa lamp elektronowych i metody jej
pomiaru/. 02 p0279 A67-11462
Review of experimental methods for
studying electron beams /Przeglad
eksperymentalnych metod badan wziazek
elektronowych/. 11 p1758 A67-24094
- GORKUN, I. U.**
Contribution to the theory of the
electrical conductivity of space-charge layers
on semiconductor surfaces /Do teorii
elektroprovodnosti pri poverkhnevikh shariv
ob'emnogo zariadu v
naplyvprovodnikakh/. 20 p3511 A67-37144
- GORLIN, S. M.**
Aerodynamic characteristics of rough
cylinders /Aerodinamicheskie kharakteristiki
sherokhovatykh
tsilindrrov/. 07 p1126 A67-19323
- GORLOV, V. B.**
Investigation of stresses in the root of a
compressor blade /Issledovanie napriazhenii
v pere lopatki
kompessora/. 08 p1424 A67-21335
Application of the conformal-mapping
method to the solution of problems in the
theory of elasticity /O primenenii metoda
konformnogo otobrazheniia k resheniu
zadach teorii uprugosti/. 21 p3727 A67-38839
- GORMAN, E. F.**
Plasma needle arc for very low current
work. 03 p0430 A67-13690
- GORMAN, F. G.**
Review of motor case materials and
fabrication techniques for large solid
motors. 10 p1661 A67-23703
- GORMAN, J. G.**
Rotating plasma experiments in the B-3
stellarator. 08 p1361 A67-21137
- GORMEZANO, C.**
Experimental demonstration of the ion-
acceleration region after coupling of two
high-frequency and magnetic-field-gradient
accelerators /Mise en evidence
experimentale de la zone d'acceleration des
ions apres jumelage de deux accelereurs a
haute frequence et gradient de champ
magnetique/. 11 p1841 A67-24767
- GORMEZANO, G.**
Study of the D super plus ion flux using
the Pleiade device /Flux des ions D plus
avec le dispositif
Pleiade/. 04 p0672 A67-15647
- GORMLEY, J. F.**
An experimental study and inextensional
analysis of vibrations of free-free conical
shells. 10 p1718 A67-23455
- GOROBETS, F. I.**
Relation between the attenuation
coefficients of oriented and diffusive light
fluxes /Zavisimost' mezdu koeffitsientami
oslableniia napravlenno i diffuznogo
svetovyykh potokov/. 13 p2151 A67-26686
- GOROBETS, N. N.**
Dependence of the polarization pattern on
the amplitude-phase distribution of the field
in the aperture of a microwave
antenna. 02 p0214 A67-11905
Adjustment of circular-polarization
antennas. 05 p0766 A67-17239
- GORODETSKII, A. E.**
Bombardment of thin CdTe films with
indium ions. 20 p3504 A67-36160
- GORODETSKII, A. F.**
Principles of the physics of
semiconductors and semiconductor devices
/Osnovy fiziki poluprovodnikov i
poluprovodnikovyykh
priborov/. 07 p1231 A67-19301
- GORODETSKII, A. K.**
Determination of the temperature of the
underlying surface by measuring the
outgoing radiation at 8 to 12 mu aboard an
aircraft /Ob opredelenii temperatury
podstilushchey poverkhnosti po izmereniiu
ukhodilashchey radiatsii v diapazone 8-12
mkm s samoleta/. 18 p3040 A67-34001
- GORODETSKII, D. O.**
Structure of lithium films on a tungsten
/110/ face /Struktura plivok litliu na grani
/110/ vol'framu/. 14 p2372 A67-28760
- GORODETSKII, I. IA.**
Recombination processes in ZnTe-Al single
crystals /Rekombinatsiini protsessi v
monokristalakh ZnTe-Al/. 02 p0300 A67-12478
- GORODETZKY, S.**
Fast resolution curve obtained using a
surface-barrier semiconductor as a detector
in an alpha-gamma coincidence experiment
/Courbe de resolution promptee obtenue a
l'aide d'un detecteur a semiconducteur du
type barriere de surface dans une
experience de coincidences
alpha-gamma/. 01 p0066 A67-10657
- GORODNICHII, O. P.**
Hall effect and reluctance in n-type InSb
/Effekt Kholla i magnetosoprotivlenie v InSb
n-tipa/. 12 p1984 A67-25518
Hall effect and magnetoresistance in n-
type InSb. 18 p3103 A67-34449
- GORODTSOV, V. A.**
Degeneration of the turbulence of a fluid
with internal rotation /Vyrozhdienie
turbulentnosti zhidkosti s vnutrennim
vrashcheniem/. 20 p3422 A67-37053
- GOROG, I.**
Intra-cavity color selection in ion
lasers. 06 p1010 A67-17888
Experimental investigation of multiwatt
argon lasers. 12 p1953 A67-26159
- GOROKHOV, G. I.**
X-ray investigation of the potential and
electron-density distribution in the silicon
lattice /Issledovanie raspredeleniia
potentsiala i elektronnoi plotnosti v reshetke
kremnia po rentgenograficheskim
dannym/. 18 p3094 A67-33439
- GOROKHOVSKII, G. A.**
Effect of loading rates on polymer wear
/Vliianie skorosti nagruzheniia na iznos
polimerov/. 07 p1211 A67-19170
Quantitative evaluation of the life of
metal-metal/polymer composite friction
pairs. 08 p1334 A67-20597
- GOROKHOVSKII, R. N.**
Calculating the strength of a cylindrical
shell with temperature stresses /K raschetu
na prochnost' tsilindrcheskoi obolochki s
temperaturnymi
napriazheniami/. 03 p0527 A67-14073
Graphic representation of the Mises
formula for stability analysis of a cylindrical
shell /Graficheskoe izobrazhenie formuly
Mizesa dlia rascheta tsilindrcheskoi
obolochki na
ustoiichivost'/. 19 p3338 A67-34875
- GORONINA, K. A.**
Determination of permittivity on the basis
of a change in the polarization of a wave at
reflection /Opredelenie dielektricheskoi
prinitsaemosti po izmeneniiu polarizatsii
volny pri otrazhenii/. 02 p0191 A67-11578
- GOROSHCHENIA, A. B.**
The use of a vector potential in the study
of plane logarithmic helical
antennas. 03 p0378 A67-13285
Excitation of a helically anisotropic plane
by a vertical dipole. 04 p0586 A67-15672
Calculation of the dimensions of effective
radiation regions for conical spiral antennas
/K raschetu razmerov zon effektivnogo
izlucheniia konicheskikh spiral'nykh
antenn/. 13 p2080 A67-27030
- GOROVOI, M. D.**
Two quasi-circular zones of maximum
magnetic activity. 07 p1178 A67-19825
- GOROWITZ, B.**
Experimentally measured velocity
distribution in the plasma stream of a
pulsed coaxial
accelerator. 02 p0276 A67-12568
Pulsed acceleration of mercury.
[AIAA PAPER 67-738] 21 p3695 A67-38760
- GOROZHANKIN, B. N.**
Absorption of ultraviolet solar radiation in
the upper atmosphere near the main
ionization maximum, according to
measurements of photoemission by means of
an earth satellite. 10 p1647 A67-23282
- GORSHKOV, A. G.**
Stability of an elastic solid of revolution
in a gas flow acted upon by a tracking force
/Ustoiichivost' uprugogo tela vrashcheniia v
potoke gaza pri delstvii slediaschey
sily/. 03 p0520 A67-14172
Effect of an acoustic shock wave on an
elastic cylindrical shell /O vozdeistvii
udarnoi akusticheskoi volny na upruguiu
tsilindrcheskuiu
obolochku/. 21 p3717 A67-37973
- GORSHKOV, A. I.**
Reactions of the cupular apparatus during
g-loading of an organism /Reaktsii
kupul'nogo apparata pri povyshennoi
vesomosti organizma/. 05 p0756 A67-16324
- GORSHKOV, A. S.**
Wave interaction in a nonlinear
periodically inhomogeneous medium /O
vzaimodelstvii voln v nelineinoi
periodicheskoi neodnorodnoi
srede/. 19 p3185 A67-36020
Study of the wave interaction in nonlinear
periodically inhomogeneous lines

- /Issledovanie vzaimodelstviya voln v
nelineynykh periodicheskikh neodnorodnykh
liniyakh/. 19 p3185 A67-36021
- GORSHKOV, G. V.**
Natural neutron background of the
atmosphere and the earth's crust
/Estestvennyy neitronnyy fon atmosfery
izmolnoy kory/. 01 p0143 A67-10042
- GORSHKOVA, L. V.**
Work function of solid solutions of
tungsten with molybdenum and
tantalum. 01 p0093 A67-10092
Ti-Zr-C and Ti-Hf-C ternary systems
/Troynye sistemy Ti-Zr-C i
Ti-Hf-C/. 15 p2505 A67-30388
- GORSHKOVA, V. E.**
Effect of the statistical properties of the
ionosphere on measurements of radio-wave
absorption /Vliyaniye statisticheskikh svoystv
ionosfery na izmereniye pogloshcheniya
radiovoln/. 10 p1631 A67-22807
Influence of the statistical properties of
the ionosphere on radio wave absorption
measurements. 24 p4150 A67-42144
- GORSKAIA, N. M.**
Heat transfer of a plate in a supersonic
rarefied gas flow. 04 p0546 A67-14783
- GORSKI, M.**
Reception of time signals on kilometer
waves. II /Reception de signaux horaires sur
ondes kilometriques. II/. 11 p1792 A67-24782
- GORSKI, W.**
Pressure measurements with McLeod
gauge, the vapour being not evacuated from
the apparatus. 21 p3627 A67-38384
- GORSKII, V. B.**
Shock-wave gas flow through a Laval
nozzle /Tcheniye gaza s udarnol volnoi
cherez soplo Lavalla/. 03 p0350 A67-12886
- GORSUCH, P. D.**
Structure and properties of aluminum
oxide whiskers. 13 p2141 A67-27186
- GORTON, H. C.**
A transient component in the breakdown
voltage of silicon p-n junction
rectifiers. 10 p1612 A67-23375
- GORTON, R. E.**
Temperature measurement for aircraft
turbine engine
development. 18 p3157 A67-33898
- GORYACHENKOV, A. T.**
A system for the investigation and
automatic check of the dynamic
characteristics of a stabilization device for a
carrier and a space
vehicle. 22 p3830 A67-39172
- GORYNIA, A. A.**
Determination of the rotational parameters
of the moon by a method independent of
the lunar-limb relief /Opredeleniye
parametrov vrashcheniya lunny metodom,
nezavislyashchym ot rel'efa kraevoy zony
luny/. 17 p2949 A67-33121
- GORYUNOVA, N. A.**
Semiconducting A super II B super IV C
super V sub 2
compounds. 16 p2725 A67-30801
- GOSE, E. E.**
Model for dropwise condensation on
randomly distributed
sites. 08 p1426 A67-20925
- GOSENCHENKO, S. G.**
Correlation coefficient for angular
diversity reception /Koeffitsient korrelyatsii
pri uglovom raznesennoy
prieme/. 22 p3759 A67-39433
- GOSER, K.**
Superconducting switching and storage
elements /Supraleitende Schalt-und
Speicherelemente/. 06 p0972 A67-18433
Low temperatures in communications
/Tiefe Temperaturen in der
Nachrichtentechnik/. 09 p1463 A67-21760
- GOSLING, J. T.**
Vela 2 measurements of the magnetopause
and bow shock positions. 07 p1180 A67-19920
Measurements of the interplanetary solar
wind during the large geomagnetic storm of
April 17-18, 1965. 13 p2189 A67-26303
Discontinuities in the solar wind
associated with sudden geomagnetic
impulses and storm
commencements. 17 p2936 A67-32530
- GOSLING, W.**
Amplifiers combining bipolar and field-
effect transistors. 19 p3191 A67-34943
- GOSLOW, R. H.**
Permanent joints for Agena pressure
systems. 17 p2801 A67-31984
- GOSMAND, R.**
Onboard control equipment for ESRO 1
and 2 /Equipment embarque de
telecommande des satellites ESRO. I -
ESRO. II/. 21 p3581 A67-38201
- GOSSE, W. M.**
Microwave radiation of singly charged
helium 3 from H II
regions. 19 p3330 A67-36074
- GOSSARD, E. E.**
The apparent movement of the spectral
components in fading records of
ionospherically reflected radio
waves. 11 p1784 A67-23936
- GOSSELIN, C. M.**
Response of the trigger discharge
gauge. 06 p0950 A67-17750
- GOSSENBERGER, H.**
Vapor phase growth of gallium arsenide
microwave diodes. 03 p0379 A67-13477
- GOSSICK, B. R.**
Hamilton's Principle and Physical
Systems. 24 p4189 A67-42406
- GOSSICK, L. V.**
Test facilities - The pacing factor in
aerospace propulsion
development. 16 p2854 A67-30709
- GOSTELOW, J. P.**
Some experiments at low speed on
compressor cascades.
[ASME PAPER 66-WA/GT-7] 04 p0548 A67-15385
Some experiments at low speed on
compressor cascades.
[ASME PAPER 66-WA/GT-7] 18 p2983 A67-34131
- GOSTEV, V. I.**
Determination of the transfer functions of
pulsed systems having a first-order link with
both periodic and step-varying
parameters. 03 p0390 A67-13103
Calculation of phase-leading quadrupoles
with circuit breakers for AC systems /K
raschetu fazoperezhalushchikh
chetyrekhpolusnikov s preryvatellami dlya
sistem peremennogo
toka/. 13 p2085 A67-27706
- GOSTINTSEV, I. A.**
Boundary layer on the free surface of a
hollow vortex /O pogrannichnom sloe na
svobodnoy poverkhnosti pologo
vikhria/. 06 p0982 A67-17728
Nonstationary combustion of a powder
under the action of a pressure
pulse. 06 p1112 A67-17957
- GOSTIUKHIN, V. L.**
Experimental study of two versions of a
continuously operating electromechanical
SHF phase converter /Eksperimental'noe
issledovanie dvukh variantov
elektromekhanicheskogo fazovrashchatel'ia
SVCh nepreryvnogo
deystviya/. 13 p2081 A67-27047
Segmented antennas with beam swinging
/Sektsonirovannyye anteny s kachaniem
lucha/. 16 p2637 A67-31026
- GOSWAMI, A.**
Effect of substrate temperature on Hall
coefficient of thin films. 01 p0138 A67-11231
Semi-conducting properties of lead
telluride films. 02 p0294 A67-11756
Some studies on Hall coefficient of thin
films. 02 p0294 A67-11757
- GOTHARD, N.**
A note on the description of dipole
fields. 23 p3975 A67-41211
- GOTHE, K. H.**
Design of liquid-hydrogen-cooled ruby
maser for the X band /Ueber den Aufbau
eines Rubin-Masers fuer das X-Band mit
fluessigem Wasserstoff als
Kuehlmittel/. 07 p1194 A67-19131
- GOTO, J. M.**
A theoretical and experimental study of
vortex rate gyro. 14 p2318 A67-28340
- GOTOH, M.**
Applications of the theory of infinitesimal
dislocations to the problems of materials
with cracks and other defects.
I. 23 p4078 A67-41165
- GOTT, A. H.**
An integrated film reading and display
system. 07 p1148 A67-19742
- GOTTFRIED, P.**
A reliability demonstration plan with
incentives. 01 p0171 A67-11374
Reliability prediction with inadequate
data. 18 p3058 A67-34699
- GOTTLEB, B.**
Critical examination of a theory of auroral
electrojets. 07 p1245 A67-19931
- GOTTLEB, M.**
A new effect in the low magnetic field
ultrasonic attenuation of impure
superconducting niobium. 06 p1053 A67-18757
On the order parameter dependence of
ultrasonic attenuation in the mixed
state. 20 p3483 A67-36205
- GOTTLEB, R. G.**
Rapid convergence to optimum solutions
using a Min-H strategy. 06 p1089 A67-18861
Rapid convergence to optimum solutions
using a Min-H strategy. 22 p3888 A67-40148
- GOTTZEIN, E.**
Closed loop simulation of optimum
guidance of space vehicles by means of
analogue computer 06 p1028 A67-17614
Closed loop simulation of optimum
guidance of space vehicles by means of
analogue computer 16 p2700 A67-30662
Hybrid simulators - Indispensable for
systems management /Hybridsimulatoren
unverlaesslich fuer die
Systemfuehrung/. 18 p3019 A67-33635
Sensitivity analysis of modern optimum
filtering methods to unknown model
parameters. 21 p3587 A67-39146
Closed loop investigations of the upper
stage flight of the Europe 1 space
vehicle. 22 p3897 A67-39171
A decoupled shifting memory filter
method for radio tracking of space vehicles.
[ELDO-TM-F.5] 24 p4122 A67-42385
- GOTWOLS, B. L.**
Two lunar occultations of the Crab
Nebula. 10 p1705 A67-22941
- GOUARS, M.**
Development of the aspects of the EEG
during a task of visual surveillance
performed at night /Evolution des aspects
E.E.G. au cours d'une tache de surveillance
visuelle effectuee de
nuit/. 04 p0561 A67-14627
Psychophysiological impact of low-altitude
high-speed flight in a high-performance
single-seat aircraft /Incidences
psychophysiologiques du vol a basse altitude
et grande vitesse sur avion a haute
performance monoplace/. 23 p3963 A67-41068
- GOUDAS, C. L.**
A contour map based on the selenodetic
control system of A.C.I.C. 02 p0319 A67-11457
Shape of the moon from the Orbiter
determination of its gravitational
field. 02 p0320 A67-11474
Doubly symmetric orbits about the
collinear Lagrangian
points. 13 p2205 A67-27482
Lunar profiles determined from the
annular solar eclipses of 1962 and
1963. 18 p3130 A67-34314
Harmonic analysis of the moon's shape and
gravitational field. 18 p3130 A67-34318
Estimates of the zonal gravity harmonics
of the moon. 18 p3135 A67-34539
Three-dimensional periodic oscillations
about L sub 1, L sub 2, and L sub
3. 22 p3889 A67-40427
- GOUGAT, P.**
Measurement of local coefficients of
forced convection /Mesure du coefficients
locaux de convection
forcee/. 05 p0790 A67-16034
- GOUGH, M. W.**
The character of the received I.L.S. signal
and its relation to
monitoring. 13 p2154 A67-26986
- GOUILLOU, R.**
Ultrashort antenna with a conical spiral
/Antenne ultra courte a spirale conique/.
[ONERA-TP-373] 01 p0039 A67-10948
Short conical-spiral
antenna. 14 p2279 A67-27900
- GOVIN, P.**
Variation of the magnetic horizontal
component in Eastern
Africa. 03 p0408 A67-12838
Possible existence of a "counterelectrojet"
at equatorial magnetic latitudes /A propos
de l'existence possible d'un "contre
electrojet" aux latitudes magnetiques
equatoriales/. 15 p2478 A67-30070
- GOULD, G.**
Efficient pulsed gas discharge
lasers. 05 p0819 A67-16650
- GOULD, G. M.**
Designing strike
aircraft. 15 p2418 A67-29396
- GOULD, H. A.**
Convergent kinetic equation for a classical
plasma. 11 p1844 A67-25076

- GOULD, R. J.**
Galactic H II regions and the luminosity of the galaxy in 12.8-micron radiation. 05 p0892 A67-16412
X-rays from the Coma cluster of galaxies. 05 p0882 A67-16413
Pair production in photon-photon collisions. 13 p2161 A67-27733
Opacity of the universe to high-energy photons. 13 p2161 A67-27734
High energy photons and neutrinos from cosmic sources. 14 p2380 A67-27964
Origin of cosmic X rays. 15 p2551 A67-30224
Infrared-line emission from planetary nebulae. 24 p4223 A67-41811
- GOULD, R. W.**
Progress in radio electronics. 06 p0968 A67-18072
Noise radiation and scattering from a cylindrical plasma column. 19 p3291 A67-35387
Plasma wave echo. 19 p3295 A67-35534
Echoes in collision-free plasmas. 24 p4194 A67-41871
- GOULLIN, J. P.**
Utilization of isotopes in the space industry /Utilisation des isotopes dans l'industrie spatiale/. 11 p1817 A67-24096
- GOUPIL, J.**
Television system for the analysis and transmission of spark-chamber pictures /Systeme de television pour l'analyse et la transmission d'images de chambres a etincelles/. 21 p3599 A67-38655
- GOURDINE, M. C.**
Direct energy conversion and astronautics. 14 p2253 A67-29044
- GOURLAY, A. R.**
Two-level difference schemes for hyperbolic systems. 03 p0460 A67-13880
Some stable difference approximations to a fourth-order parabolic partial differential equation. 20 p3478 A67-37211
- GOURLAY, R. A.**
Some high accuracy difference schemes with a splitting operator for equations of parabolic and elliptic type. 15 p2510 A67-29520
- GOUSE, S. W., JR.**
An index to the two-phase gas-liquid flow literature. 07 p1269 A67-20300
- GOUSKOV, L.**
Measurement of the variation in the carriers from a germanium monocrystal in the field close to the limit /Mesure de la variance des porteurs d'un monocrystal de germanium dans le domaine proche de l'intrinsèque/. 06 p0966 A67-17588
- GOUT, C.**
Interband transitions and plasmon excitation in calcium fluoride /Transitions interbandes et excitation de plasmons dans le fluorure de calcium/. 09 p1558 A67-22585
- GOUTELARD, C.**
Propagation phenomena observed for large-distance decimeter-wave links not following a great circle /Phenomenes de propagation hors du grand cercle observes sur des liaisons a grande distance en ondes decimetriques/. 09 p1492 A67-22593
- GOUYET, J. P.**
A high precision phase lock loop. 15 p2445 A67-29587
- GOVINDA RAJU, S. P.**
A matrix method for vibration and stability problems. 05 p0917 A67-16301
- GOVINDAN, P.**
Microwave loss in a reflex plasma discharge. 08 p1363 A67-21311
- GOVORKOV, B. B.**
Spark chamber as a linear high-energy electron and photon detector /Iskrovala kamera kak linivnoy detektor elektronov i fotonov vysokoy energii/. 03 p0425 A67-14264
A spark chamber as a shower detector for high-energy electrons and photons. 14 p2321 A67-28776
- GOWAR, J.**
Limitation of discharge current in constricting apertures. 19 p3278 A67-35127
- GOWARD, G. W.**
Formation and degradation mechanisms of aluminate coatings on nickel-base superalloys. 16 p2693 A67-31871
- GOWDEY, C. W.**
Vasodepressor effect of reoxygenation. 03 p0364 A67-14290
- GOWDY, K. K.**
Design of third-order linear systems. 20 p3366 A67-37370
- GOWER, J. F. R.**
The source counts from the 4C survey. 05 p0902 A67-17286
A survey of radio sources in the declination ranges -07 deg to 20 deg and 40 deg to 80 deg. 15 p2551 A67-29095
- GOZULOV, S. A.**
A study of the cumulative effect of impact acceleration /Issledovanie kumulativnogo deistviya udarnykh peregruzok/. 16 p2612 A67-30904
- GRAAE, A.**
How to nitride maraging steels. 17 p2875 A67-33046
- GRABER, B. C.**
Combined effects of roughness, bluntness, and angle of attack on hypersonic boundary layer transition, M sub 1 approximately 8.5-10.5. 04 p0549 A67-15823
Hypersonic laminar boundary-layer transition on 8-foot-long, 10 deg cone, M sub 1 equals 9.1-18. [AIAA PAPER 66-494] 15 p2418 A67-30191
- GRABEREK, C.**
Plastic deformation of cylindrical missiles in impact. 22 p3914 A67-40182
- GRABIEL, F.**
Theory of energy transfers and conversions. 20 p3484 A67-36650
- GRABITZ, G.**
Calculation of the separated compression shock in front of wedge profiles at high incident Mach numbers /Ueber die Berechnung des abgeloesten Verdichtungsstosses vor Kellprofilen bei hohen Anstroem-Machzahlen/. 13 p2049 A67-26640
- GRABMAIER, J.**
Etching investigations with calcium tungstate laser crystals /Aetzüntersuchungen an Calciumwolframat-Laser-Kristallen/. 07 p1196 A67-19565
- GRABOWSKI, B.**
Stark effect in plasma /Efekt Starka w plazmie/. 17 p2901 A67-32404
- GRABOWSKI, K.**
Remarks on the analysis of a travelling-wave parametric amplifier with series-connected varactor diodes. 03 p0380 A67-13504
- GRABOWSKY, W. R.**
Use of radio frequency bridge for re-entry plasma diagnostics. 08 p1366 A67-21514
Electrode feed system for a segmented electrode MHD wind tunnel. 12 p1920 A67-25406
Electrode feed system for segmented electrode MHD accelerator. 19 p3177 A67-35774
Pressure gauge for plasmas subjected to large dynamic electric and magnetic fields. 20 p3444 A67-36529
Hot-shot gas source for pulsed MHD accelerator. 21 p3608 A67-38863
- GRACE, M. I.**
Down conversion and sideband translation using avalanche transit time oscillators. 03 p0381 A67-13666
UHF photoparametric amplifier. 09 p1476 A67-22208
- GRACE, S. K.**
Experimental determination of antenna side-lobe statistics. 03 p0382 A67-13673
- GRACEY, W.**
Evaluation of two instrument-landing displays in simulated IFR approaches with a helicopter. [AHS PAPER 106] 16 p2680 A67-31823
- GRACHEVA, M. E.**
Strong fluctuations in the intensity of light propagated through the atmosphere close to the earth. 02 p0236 A67-11640
Fluctuations in the intensity of light propagated through a medium with varying turbulence. 18 p3080 A67-34437
Investigation of the statistical properties of strong fluctuations of the intensity of light propagating in the ground layer of the atmosphere /Issledovanie statisticheskikh svoystv sil'nykh fluktuatsii intensivnosti sveta pri rasprostraneni v prizemnom sloe atmosfery/. 19 p3254 A67-36017
- GRAD, H.**
High frequency sound according to the Boltzmann equation. 01 p0114 A67-10736
Toroidal containment of a plasma. 08 p1364 A67-21395
Some new stable toroidal plasma configurations. 11 p1843 A67-24997
The guiding center plasma. 20 p3494 A67-36152
- GRADOWCZYK, M. H.**
An accuracy study of the Marguerre-Vlasov equations. 01 p0159 A67-10275
- GRADY, L.**
Physical characteristics of the residual DNA in bacterial cells after degradation due to ionizing radiation. 06 p0953 A67-18774
- GRAEBEL, W. P.**
A numerical study of the flow due to a rotating disk with a center sink. [ASME PAPER 67-FE-8] 20 p3425 A67-37599
- GRAESSER, E. C.**
Depressurization induced extinction of burning solid propellant. 15 p2582 A67-29998
- GRAF, K.**
Determination of temperature and heat transfer conditions on the rotating turbine wheel in a jet power plant /Bestimmung der temperatur-und Waermeuebergangsverhaeltnisse am Turbinenlaufrad eines Strahltriebwerks/. 04 p0688 A67-14571
The ion collection of free molecular cylindrical Langmuir probes in flowing plasmas. 19 p3297 A67-35591
- GRAF, K. A.**
Reflection of circularly polarized electromagnetic waves from an anisotropic plasma. 20 p3389 A67-37707
Measurements of dipole antenna impedance in an isotropic laboratory plasma. 23 p3979 A67-40833
- GRAF, P.**
Properties of the solutions of the nonlinearized Ginsburg-Landau equations in cylindrical symmetry /Eigenschaften der Loesungen der nichtlinearisierten Ginsburg-Landau-Gleichungen in Zylinder-symmetrie/. 03 p0499 A67-13876
Superheating in cylinders of pure superconducting tin. 23 p4044 A67-41441
- GRAFF, P.**
Study of a method of solving the problem of an antenna in a plasma /Etude d'une methode de resolution du probleme de l'antenne dans un plasma/. 23 p3978 A67-40707
Influence of proton gyrofrequency on the resonance of an antenna at the electron plasma frequency /Influence de la gyrofrequence protonique sur la resonance d'une antenne a la frequence du plasma electronique/. 24 p4125 A67-43111
- GRAFF, R. A.**
Kinetics of the oxygen-tungsten reaction at high temperatures. 09 p1457 A67-22026
Stagnation-flow technique for high temperature gas-solid kinetics studies. 15 p2582 A67-30022
- GRAFFI, S.**
Cross-correlation and statistical dependence between envelope and frequency deviation of a sine wave plus random noise. 11 p1753 A67-24646
- GRAFSTEIN, D.**
Application of thermochromic materials in display devices. 05 p0860 A67-16307
- GRAHAM, A.**
Descriptive approach to mechanical properties of materials. 07 p1211 A67-20176
- GRAHAM, D.**
Manual control of single-loop systems. 07 p1162 A67-19907
Manual control of single-loop systems. 10 p1818 A67-22733
- GRAHAM, D. N.**
Image transmission by two-dimensional contour coding. 11 p1791 A67-24713
- GRAHAM, E. A.**
System design for improved extra-terrestrial communications. 21 p3586 A67-38952
- GRAHAM, H. C.**
Particle size dependence of the electrical conductivity of NaCl. 12 p1987 A67-26191
- GRAHAM, H. L.**
A parametric graphical display technique for on-line use. 19 p3188 A67-36059
- GRAHAM, H. M.**
Local transportation in commercial space operations. [AAS PAPER 67-116] 15 p2432 A67-29963
- GRAHAM, J. D.**
Dynamics of satellites having long flexible extendible members. 02 p0333 A67-12309
- GRAHAM, J. R., JR.**
Radar cross-section of a finite rectangular cylinder. 19 p3183 A67-35518
Ion cyclotron resonance line broadening at high E/P. 22 p3840 A67-39365

GRAHAM, L. J.

Elastic interaction between dislocations and tetragonal defects in anisotropic sodium chloride. 02 p0298 A67-11885

GRAHAM, R.

Effect of galactic rotation on stability of a gaseous arm. 22 p3893 A67-40506

Stability of stellar systems with different velocity distributions. 22 p3894 A67-40510

GRAHAM, W. H.

The reaction of imines with difluoramine - A method of preparation of diazirines. 01 p0020 A67-11147

GRAIFF, F.

Energy and frames of reference in general relativity. 19 p3261 A67-35048

GRAINGER, J. F.

Techniques of observation of lunar luminescence. 08 p1390 A67-21020

A multiplex grating spectrometer. 20 p3437 A67-36339

GRAMENITSKII, I. M.

Investigation of the generation of rho super plus and n super ' super plus super plus resonances in the pi super plus p goes to pi super plus p pi super 0 reaction at a pi super plus -meson momentum of 2.34 GeV/c /Issledovanie rozhdeniya rezonansov rho super plus i n super ' super plus super plus v reaktsii pi super plus p goes to pi super plus p pi super 0 pri impul'se pi super plus -mezonov 2.34 GeV/c. 24 p4193 A67-42856

GRAMM, N. V.

X-ray study of lanthanum borides /Rentgenograficheskoe issledovanie boridov lantana/. 11 p1810 A67-23905

GRAMMATIKOS, A.

An augmented gimballess inertial navigation system. 08 p1351 A67-20698
Measuring rotational motion with linear accelerometers. 16 p2875 A67-31266
Damping gimballess inertial navigation systems. 16 p2701 A67-31268

GRAMMER, J. R.

Calorimetric measurements of solar and broad band spectral absorptance during ultraviolet exposure testing in vacuum. 09 p1534 A67-22452

GRAMMER, R. A., JR.

Ground reconstruction of Lunar Orbiter photography. 12 p1940 A67-25466

GRAMS, G.

Stratospheric aerosol layer during 1964 and 1965. 18 p3042 A67-34493

GRAN, B. E.

Magnetization ripple in multilayer films. 13 p2179 A67-27143

GRAN, M. H.

Parameter optimization by random search using hybrid computer techniques. 19 p3188 A67-36058

GRAN, R.

Dynamic analysis of a combined lunar module - Command service module. 17 p2955 A67-32478

GRANATA, P. J.

A modified Bode criterion for feedback-system stability. 01 p0045 A67-11198

GRANATSTEIN, V. L.

Structure of wind-driven plasma turbulence as resolved by continuum ion probes. 18 p3030 A67-34743
Limits of validity of Born approximation in microwave scattering from turbulent plasma. 22 p3850 A67-39722

GRANDE, R. E.

Extended mass range operation of the monopole mass spectrometer. 06 p1000 A67-17747

GRANDPIERRE

Psychomotor reactions among primates put into ballistic flight in rockets /Reactions psychomotrices chez des primates places en vol ballistique en fusées/. 19 p3178 A67-35241

GRANDPIERRE, R.

The effect of weightlessness on the vigilance function in the course of space flights /La part de l'absence de pesanteur dans les processus de vigilance au cours des vols cosmonautiques/. 15 p2425 A67-29103
First evaluation of French space biology experiments /Premier bilan des experiences francaises de biologie spatiale/. 19 p3181 A67-35466

GRANGE, J.-M.

Laminar boundary layer separation and near-wake flow for a smooth blunt body at supersonic and hypersonic speeds. [AIAA PAPER 67-62] 06 p0986 A67-18270
Laminar boundary-layer separation and

near-wake flow for a smooth blunt body at supersonic and hypersonic speeds.

[AIAA PAPER 67-62] 14 p2240 A67-28112

GRANGEON, J.

Advantages in the use of superconductor windings in a maser /Avantages de l'emploi de bobinages supraconducteurs dans un maser/. 09 p1516 A67-22482

Influence of gain stability on measurements of noise temperature /Influence de la stabilité de gain sur les mesures de température de bruit/. 12 p1952 A67-25296

GRANGER, G. F.

Reliability improvement as applied to power transistors. 01 p0041 A67-11357

GRANGER, R.

Apparatus for the experimental study of impact ionization and the associated recombination radiation in semiconductors /Appareillage pour l'étude expérimentale de l'ionisation par choc et de la lumière de recombinaison associée dans les semiconducteurs/. 13 p2168 A67-27228

GRANITO, G. D.

The IBM System/360 Model 91 - Storage system. 11 p1755 A67-23952

GRANITSKII, L. V.

Investigations of the neutron component of cosmic rays at atmospheric depths from 260 to 315 mb /Issledovaniya neitronnoi komponenty kosmicheskikh luchei na glublinakh atmosfery 260 - 315 mbar/. 23 p4057 A67-41119

Preliminary results of a study of the cosmic-ray distribution in the Eastern part of the USSR by a SibIZMIR expedition /Predvaritel'nye rezultaty issledovaniya ekspeditsiei SibIZMIR raspredeleniya kosmicheskikh luchei v vostochnoi chastii SSSR/. 23 p4060 A67-41138

Preliminary results of investigation of the spatial-rigidity distribution of cosmic ray intensity by the 1965 expedition of the Siberian Institute of Terrestrial Magnetism, the Ionosphere and Radiowave Propagation of the USSR Academy of Sciences. 24 p4215 A67-42800

GRANJON, H.

Experimental contribution to the study of the weldability of thin sheets of maraging steel containing 18 percent Ni /Contribution expérimentale à l'étude de la soudabilité des toiles minces en acier à 18 percent Ni à durcissement structural /maraging/. 18 p3054 A67-34259

GRANKOVA, L. P.

Effect of the structure of beta-titanium alloy on its crack propagation resistance /Vliianie struktury na soprotivlenie rasprostraneniya treshchiny beta-titanovogo splava/. 04 p0641 A67-15985

Study of alloys of the system Ti-Mo-Cr-Fe-Al /Issledovanie splavov sistemy Ti-Mo-Cr-Fe-Al/. 07 p1205 A67-19272

Thermal etching of the beta alloy of the Ti-Mo-Fe-Al system /Termicheskoe travlenie beta-splava sistemy Ti-Mo-Fe-Al/. 09 p1518 A67-21967

Effect of structure on the resistance of a beta-titanium alloy to crack propagation. 14 p2338 A67-28488

High-temperature thermomechanical treatment of the beta-alloy of the Ti-Mo-Cr-Fe-Al system. 15 p2504 A67-29971

GRANN, A. A.

Some geophysical measurements using extended range observations of a radio beacon satellite. 12 p1935 A67-25797

GRANNAN, R. T.

High power microwave emission from a plasma discharge. 19 p3291 A67-35386

GRANOVSKAIA, R. A.

Frequency-scanning array of emitters on a convex curve /Chastotno-skanirovushchaya reshetka izluchatelei na vypukloi krivoi/. 13 p2069 A67-27031

GRANOVSKII, I. A. I.

Gravitation of elastic bodies /Tiagotenie uprugikh tel/. 05 p0847 A67-17495

Theory of gravitational interaction of rotating bodies /K teorii gravitatsionnogo vzaimodeistviya vrashchalushchikhsia tel/. 05 p0847 A67-17496

GRANOVSKII, V. L.

Diffusion and lifetime of free electrons and ions in a low-temperature plasma in a homogeneous magnetic field - Review. 01 p0123 A67-10389

GRANT, D. J.

Precision flow measurement techniques

for low thrust auxiliary propulsion liquid rockets.

[AIAA PAPER 67-507] 18 p2989 A67-33971

GRANT, F. C.

Fourier-Hermite solutions of the Vlasov equations in the linearized limit. 15 p2509 A67-29205

Transition between Landau and Van Kampen treatments of the Vlasov equation. 18 p3030 A67-34754

GRANT, I. P.

The diffuse reflection of radiation by model planetary atmospheres. 10 p1710 A67-23635

GRANT, L. A.

Beryllium brazing technology. [SAE PAPER 670805] 24 p4159 A67-41991

GRANT, N. J.

Titanium carbide dispersion-strengthened nickel by internal carburization. 11 p1806 A67-24361

Low strain rate, high strain fatigue of aluminum as a function of temperature. 16 p2689 A67-31368

Sap-type alloys solid solution strengthened with magnesium. 22 p3821 A67-40053

GRANT, P. M.

Reflectivity of YIG and YGG - Observation of charge transfer and crystal field transitions. 22 p3863 A67-40238

GRANVEAUD, M.

Piezoresistive effect of silicon diffused elements /Piezoresistivite d'elements diffuses en silicium/. 13 p2175 A67-26656

GRARD, R.

Reception of a VLF wave on board a satellite /La reception d'une onde a tres basse fréquence a bord d'un satellite/. 21 p3584 A67-38656

GRASIUK, A. Z.

Alignment of multimirror laser. 01 p0087 A67-10162

Semiconductor CdSe laser with two-photon optical excitation. 04 p0633 A67-15299

Semiconductor lasers with radiating mirrors. 05 p0821 A67-16669

Semiconductor lasers using optical pumping. 06 p1013 A67-18930

Semiconductor laser employing GaAs under optical excitation by radiation of a quantum energy close to the width of the forbidden band /Poluprovodnikovyi kvantovyi generator na GaAs pri opticheskoi vozbuzhdenii izlucheniem s energiei kvantov, blizko k shirine zapreshchennoi zony/. 09 p1512 A67-21973

GaAs semiconductor laser optically excited by radiation having energy close to the forbidden band width. 17 p2870 A67-33310

GRASMANN, K.

Prospects of piston and turbojet engines for light aircraft /Zukunftsansichten der Kolbenmotoren und Turbotriebwerke fuer Leichtflugzeuge/. 03 p0502 A67-13006

Current status and possibilities of VTOL propulsion /Stand und Moeglichkeiten der VTOL-Antriebstechnik/. 13 p2189 A67-27499

GRASSANO, U. M.

The excited states of the F center investigated by means of modulated optical absorption. 05 p0864 A67-16801

GRASSE, W.

The P4 double test stand for testing the third stage of the ELDO-A booster rocket /Der Doppelpfuehstand P4 fuer die Erprobung der 3. Stufe der ELDO-A-Traegerkete/. 23 p3987 A67-41325

GRASSMANN, P. H.

Pressure rise in a plasma due to the Nerst effect. 10 p1886 A67-23777

GRASSO, G.

Automatic extraction of radar information /Estrazione automatica di dati radar/. 24 p4122 A67-42407

Evaluation of the performance of multifrequency radar systems /Valutazione delle prestazioni di un sistema radar a diversa di frequenza/. 24 p4122 A67-42408

GRATCH, S.

The speed of sound in a chemically reacting gas. [ASME PAPER 67-FE-2] 14 p2304 A67-28355

GRATELOUP, G.

An aspect of the dynamic identification of a loop system consisting of a square-law operator /Un aspect de l'identification dynamique d'un systeme boucle comportant un operateur quadratique/. 19 p3206 A67-35916

GRATTON, R.

Plasma irradiated in a magnetic

- field. 24 p4199 A67-43104
- GRAU, G. K.**
Laser mirror for decoupling a special diffraction-limited parallel beam /Laserspiegel zur Auskopplung eines speziellen beugungsbegrenzten Parallelstrahls/. 05 p0826 A67-17327
- GRAUER-CARSTENSEN, H.**
Base pressure measurements on elliptic cones in supersonic flow. 21 p3566 A67-39083
- GRAUPE, D.**
Adaptive control by predictive identification and optimization. 02 p0225 A67-12142
A predictive identification and mode-recognition technique for adaptive control and tracking systems. 15 p2463 A67-30330
- GRAUPNER, L.**
Testing of materials with X-ray T.V. installations /Materialprüfung mit Röntgenfernsehrichtungen/. 18 p3045 A67-33737
- GRAVALOS, F. G.**
Analytical foundations of aerothermochemistry. 06 p0955 A67-18114
- GRAVE, C.**
Independence of changes in functional and performance capacities attending prolonged bed rest. 05 p0755 A67-16283
- GRAVEL, C. L.**
Semiconductor transducers using transverse and shear piezoresistance. 23 p4005 A67-41371
- GRAVES, J. C.**
Mission control of Lunar Orbiter I. [AIAA PAPER 67-276] 07 p1260 A67-20082
- GRAVES, K. W.**
An existing facility for scramjet testing the wave superheater hypersonic tunnel. [AIAA PAPER 67-182] 06 p0980 A67-18343
An existing facility for scramjet testing - The wave superheater. [AIAA PAPER 67-182] 19 p3208 A67-35767
- GRAVES, R. E.**
Techniques for planning R and D for deep space communications. [AIAA PAPER 67-973] 24 p4260 A67-43050
- GRAWE, H.**
Stage separation experiments in a vacuum test chamber - Second and third stages of ELDO A /Versuche zur Stufentrennung in einer evakuierten Prüfkammer - II und III. Stufe ELDO A/. 04 p0595 A67-14540
Stage-separation tests in an evacuated test chamber /second and third stages of the ELDO A /Versuche zur stufentrennung in einer evakuierten prüfkommer /II. und III. stufe ELDO A/. 20 p3413 A67-36413
- GRAY, A. H., JR.**
Frequency-dependent almost sure stability conditions for a parametrically excited random vibrational system. [ASME PAPER 67-APM-9] 17 p2886 A67-33145
- GRAY, B. F.**
The present theoretical position in explosion theory. 18 p3155 A67-33845
The determination of explosion limits from a unified thermal and chain theory. 18 p3156 A67-33849
- GRAY, D. L.**
Attitude control of a satellite in circular orbit. 21 p3715 A67-39153
- GRAY, E. W.**
Kilocycle oscillations in an electronegative plasma. 12 p1970 A67-25261
- GRAY, F. L.**
Development of the molten carbonate fuel cell system. 20 p3364 A67-37015
- GRAY, G. G.**
Thermal design of the ISIS "A" spacecraft. 05 p0904 A67-16294
- GRAY, H. L.**
Nonlinear transformations related to the evaluation of improper integrals. 23 p4022 A67-40861
- GRAY, J.**
A 1 kw hydrogen fuel battery. 09 p1445 A67-22184
A 1 kw hydrogen fuel battery. 22 p3749 A67-40231
- GRAY, J. W.**
A real-time display system for ground monitoring of manned spaceflight. 09 p1483 A67-21677
- GRAY, K. B., JR.**
Worst distribution analysis for statistical circuit design. 15 p2455 A67-30406
- GRAY, K. E.**
Theoretical and experimental investigation of the compressible free mixing of two dissimilar gases. [AIAA PAPER 65-822] 01 p0055 A67-11170
- GRAY, K. P.**
ATC automation. 08 p1315 A67-20676
- GRAY, L. D.**
The Martian surface pressure. 14 p2389 A67-28842
An upper limit for atmospheric carbon dioxide on Mercury. 24 p4225 A67-41836
- GRAY, L. F.**
Experimental performance of the Early Bird communication system. 06 p0959 A67-17665
- GRAY, M. B.**
Data at twice the speed eases H-F traffic jam. 22 p3764 A67-40557
- GRAY, P.**
Combustion of hydrogen and oxygen with ammonia and nitrous oxide - Laminar flame speeds and flammability limits at low pressure for ternary mixtures. 14 p2406 A67-28547
Combustion of hydrogen and hydrazine with nitrous oxide and nitric oxide - Flame speeds and flammability limits of ternary mixtures at sub-atmospheric pressures. 16 p2779 A67-31519
Studies on criticality - Temperature profiles in explosive systems and criteria for criticality in thermal explosions. 18 p3156 A67-33851
- GRAY, P. E.**
Digital Transistor Circuits. 04 p0622 A67-15268
Static V-I relationships in transistors at high injection levels. 04 p0585 A67-15621
- GRAY, P. R.**
Large-signal and small-signal models for arbitrarily-doped four-terminal field-effect transistors. 09 p1475 A67-22199
An automatic polarimeter for space applications. 15 p2492 A67-30435
- GRAY, R. W.**
Automation versus manual testing. [SAE PAPER 660694] 01 p0050 A67-10622
- GRAY, T.**
Airborne Doppler navigation techniques. 04 p0653 A67-15041
- GRAY, V. H.**
Feasibility study of rotating boiler for high-performance Rankine cycle power generation systems. 24 p4184 A67-42498
- GRAY, W. E.**
Manipulators for astronauts. 11 p1749 A67-25011
- GRAY, W. T.**
Calibration of optical pyrometers. 24 p4155 A67-42292
- GRAYBIEL, A.**
Determining the effectiveness of fractional G levels in reducing circulatory deconditioning of space flight crews - A new technique and preliminary results. 01 p0018 A67-11397
Biochemical changes occurring with adaptation to accelerative forces during rotation. 05 p0754 A67-16277
Vestibular experiments in Gemini flights V and VII. 13 p2062 A67-26920
Lack of response to thermal stimulation of the semicircular canals in the weightless phase of parabolic flight. 15 p2428 A67-29277
Effect of drugs in altering susceptibility to motion sickness in aerobatics and the slow rotation room. 21 p3574 A67-38083
The gravito-inertial accelerative forces acting on the vestibular organs during locomotion at lunar and earth gravity. 23 p3953 A67-41584
- GRAYBILL, S. E.**
Techniques for the study of self-focusing electron streams. 04 p0624 A67-15325
- GRAYLEY, M. E.**
Shear stiffness of sandwich panels - A review of test methods. 01 p0184 A67-11269
- GRAYSTONE, P.**
A note on "auroral-type" fluctuations in the earth's electromagnetic field. 20 p3431 A67-36994
- GRAYZEL, A. I.**
The cutoff frequency of a varactor diode with variable series resistance. 01 p0036 A67-10466
Experimental results of a frequency doubler using a varactor array. 15 p2442 A67-29176
The overdriven varactor upper sideband upconverter. 24 p4131 A67-42446
A phased array using feedback to correct changes in parameters. 24 p4124 A67-42816
- GRAZIANI, D.**
UHF distance measuring equipment /DME/. 09 p1530 A67-22650
- GRDINA, I. V.**
Surface hardening of titanium by nitrogen and carbon using high-frequency induction heating. 19 p3242 A67-34919
- GREATREX, F. B.**
The economics of aircraft noise suppression. 03 p0539 A67-14384
The evolution of the engine noise problem. 09 p1559 A67-21701
- GREAVES, C. J.**
The optimal discrete filter corresponding to a given analog filter. 19 p3199 A67-34782
- GREAVES, J. R.**
Sea surface temperature determination from Tiros satellite data. 01 p0109 A67-10321
- GREBENIKOV, E. A.**
An estimate of the difference between secular and long-period perturbations induced by similar initial conditions. 09 p1563 A67-21637
- GREBENNIK, I. P.**
Surface and volume diffusion in thin film of the system Ag-Se. 12 p1979 A67-25179
- GREBENSCHIKOV, S. E.**
Injection of a plasma into a closed magnetic trap with a double-helix field /Inzhekttsia plazmy v zamknutulu magnitnulu lovushku s dvukhzhakodnym vintovym polem/. 17 p2903 A67-32910
Toroidal stellarator-type magnetic trap with external plasma injection /Toroidal'nala magnitnala lovushka stellaratornogo tipa s vneshnei inzhekttsiei plazmy/. 17 p2904 A67-32911
- GREBER, I.**
Experiments on the separation of a fluid jet from a curved surface. 14 p2302 A67-28324
- GREBINSKII, A. S.**
Influence of inhomogeneous hydrodynamic motion and thermal particle velocities on the propagation of magnetohydrodynamic waves /Vlilanie neodnorodnogo gidrodinamicheskogo dvizhenia i teplovykh skorostei chastits na rasprostranenie magnitogidrodinamicheskikh voln/. 18 p3086 A67-34034
- GRECHIKHIN, A. I.**
Method for receiving radio signals against a background of a strong amplitude-modulated noise signal /Metod priema radiosignalov na fone sil'nogo postoronnego amplitudno-modulirovannogo signala/. 06 p0965 A67-18898
- GRECHIKHIN, L. I.**
Wave processes in a shock tube with conical electrodes. 08 p1358 A67-20852
Spectroscopic investigation of a plasma in a shock tube with conical electrodes. 08 p1358 A67-20853
Appearance of autoionization accompanying the impairment of forbidden intercombination transfer in a plasma /Iavlenie avtoionizatsii s narusheniem interkombinatsionnogo zapreta v plazme/. 13 p2171 A67-27626
Application of spectroscopic techniques to low-temperature plasma diagnostics /Primenenie spektroskopicheskikh metodov dlia diagnostiki nizkotemperaturnoi plazmy/. 17 p2896 A67-32161
- GRECHISHKIN, V. S.**
Microwave spectroscopy of organic semiconductors /Radiospektroskoplia organicheskikh poluprovodnikov/. 14 p2366 A67-28505
- GRECO, V. P.**
Reinforcement of nickel with some high-strength filaments. 08 p1342 A67-20909
- GREEN, A. E.**
Generalized hypo-elasticity. 12 p2032 A67-26169
The linear theory of an elastic Cosserat plate. 15 p2574 A67-29633
Micropolar and director theories of plates. 17 p2966 A67-33349
A linear theory of straight elastic rods. 18 p3144 A67-34287
On the formulation of constitutive equations in thermodynamical theories of continua. 21 p3733 A67-39085
- GREEN, A. E. S.**
Atomic and molecular species. 04 p0660 A67-14692
The radiance of the earth in the middle ultraviolet. 04 p0613 A67-14695
Second-order scattering contributions to the earth's radiance in the middle

- ultraviolet. 04 p0613 A67-14696
A generalized Chapman function. 04 p0613 A67-14697
Electron impact excitation of the ultraviolet. 04 p0680 A67-14698
Atmospheric scattering of the solar flux in the middle ultraviolet. 10 p1629 A67-22736
Semi-empirical cross sections for electron impacts. 20 p3489 A67-37416
Electron impact cross sections for atmospheric species. I. 20 p3489 A67-37417
Electron impact cross sections for atmospheric species. II. 20 p3489 A67-37418
Electron impact cross sections for atmospheric species. III. 20 p3489 A67-37419
Calculations of auroral intensities from electron impact. 20 p3433 A67-37420
Calculations of the photoelectron excitation of the dayglow. 20 p3434 A67-37421
- GREEN, A. K.
The formation of thin continuous films from isolated nuclei. 02 p0286 A67-11709
On the formation of single crystal films of f.c.c. metals on alkali halide cleavage planes in ultrahigh vacuum. 09 p1552 A67-21671
- GREEN, B. J.
The design of active filters for hybrid integrated realisation. 14 p2280 A67-28017
- GREEN, C. H.
The Lunar Orbiter telecommunications systems. 17 p2811 A67-32119
- GREEN, D.
A method of examination of semiconductor oxides with a scanning electron microscope. 04 p0682 A67-15318
- GREEN, D. G.
A meteorological telemetry system for gun-launched probes. 08 p1292 A67-20664
- GREEN, D. M.
Signal detection theory and psychophysics. 07 p1136 A67-19726
- GREEN, D. T.
The use of microwaves for the detection of flaws and measurement of erosion rates in materials. 22 p3795 A67-39198
- GREEN, E. A.
Cost considerations in using titanium. [AIAA PAPER 67-400] 15 p2505 A67-30367
- GREEN, I. M.
Vela 3 magnetograms at 18 R sub E structure and pulsations in the magnetosheath. 20 p3433 A67-37410
Pinning forces and hysteresis in type II superconductors. 21 p3685 A67-39075
- GREEN, J.
The role of solar furnaces in the processing of extraterrestrial resources. 08 p1317 A67-21094
Interpretation of Lunar Probe Data, American Astronautical Society, Specialist Symposium, Huntington Beach, Calif., September 17, 1966, Proceedings. 23 p4063 A67-40946
- GREEN, J. B.
Yield and angular distribution of cesium-sputtered molybdenum. 06 p1036 A67-18139
- GREEN, M. S.
Scaling-law equation of state for gases in the critical region. 16 p2778 A67-31061
- GREEN, P. C.
Refinement of the experiment integration process. 22 p3922 A67-39962
- GREEN, P. E.
Waveguide structures for double-beam leaky-wave antennas. 13 p2082 A67-27408
- GREEN, R. E.
Machining beryllium components. 23 p4009 A67-40687
- GREEN, R. G.
An analysis of the magnetic effect from shower meteors. 14 p2383 A67-28045
- GREEN, R. H.
Laboratory investigations related to a systems analysis approach to planetary quarantine. 19 p3180 A67-35274
- GREEN, R. M.
Note on the dissipation of magnetic fields at neutral lines. 11 p1862 A67-24498
- GREEN, T.
Two supercavitating hydrofoils near a free surface. 06 p0984 A67-18126
- GREEN, T. S.
Radial implosion of a partially ionized plasma in a theta pinch. 04 p0671 A67-15646
Energy loss from a theta pinch. 22 p3849 A67-39696
- GREEN, W. V.
Dependence of rate of creep on the orientation of the tensile axis for heavily oriented graphite. 05 p0833 A67-16892
- GREENAN, A. F.
Effect of a tensile mean stress on the alternating stress required to propagate an edge crack in mild steel. 23 p4079 A67-41344
- GREENAWAY, D. L.
Metastable excitons in CdI sub 2 and PbI sub 2. 06 p1080 A67-18915
- GREENBAUM, M. A.
The thermodynamic and physical properties of beryllium compounds. X. 06 p1071 A67-17984
- GREENBERG, A. B.
Vehicles and propulsion - An overview. [AIAA PAPER 67-82] 15 p2570 A67-29949
- GREENBERG, E.
Some aspects of the state distribution of military prime contract awards. 07 p1269 A67-19470
- GREENBERG, E. H.
A statistical analysis of the Martian wave of darkening and related phenomena. 16 p2749 A67-31401
- GREENBERG, J. M.
Waves in materials with memory. V. 06 p1099 A67-17834
The optics of interstellar grains. 06 p1087 A67-18410
The existence of steady shock waves in nonlinear materials with memory. 09 p1576 A67-22410
Light from reflection nebulae. 11 p1861 A67-24487
Thermodynamics and the stability of fluid motion. 20 p3543 A67-38428
A note on the stability properties of uniform temperature fields. 23 p4081 A67-40745
- GREENBERG, P.
Some magnetohydrodynamics of a thin body in oblique fields. 12 p1976 A67-25939
- GREENBERG, S. A.
Space radiation damage to the thermal radiative properties of materials. 04 p0686 A67-15873
Low solar absorptance surfaces with controlled emittance - A second generation of thermal control coatings. [AIAA PAPER 67-343] 12 p1959 A67-26057
- GREENBLATT, R. C.
Nimbus power systems - 1960-1969. 08 p1283 A67-20649
- GREENE, B. N.
Fast scan high resolution mass spectrometry - Operating parameters and its tandem use with gas chromatography. 03 p0387 A67-13336
- GREENE, C. K.
Nonreciprocal YIG filters. 22 p3772 A67-39905
- GREENE, F. T.
Molecular beam sampling of high temperature systems. [AIAA PAPER 67-37] 06 p0956 A67-18305
- GREENE, J. M.
Evaluation of the gyro-viscous stress. 10 p1685 A67-23331
One-dimensional model of a Lorentz plasma. 18 p3092 A67-34748
Stability of a slightly resistive plasma. 20 p3493 A67-36145
Resistive interchanges and the negative V" criterion. 22 p3846 A67-39486
- GREENE, L. C.
An improved furnace for the growth and treatment of cadmium sulfide single-crystal platelets. 22 p3778 A67-39359
- GREENE, R. F.
Interpretation of Hall effect data in PbS polycrystalline films. 24 p4204 A67-42363
- GREENE, R. H.
Early Bird placement in a stationary orbit - Launch and control system maneuvers. 06 p1093 A67-17863
A maneuverable geodetic satellite in a variety of resonant orbits. [AIAA PAPER 67-122] 06 p1096 A67-18340
- GREENE, R. L.
Optical exciton-magnon absorption in MnF sub 2. 17 p2926 A67-33382
- GREENE, S.
Lunar module hover and landing, separation and docking simulation. [AIAA PAPER 67-249] 07 p1165 A67-20067
- GREENFIELD, B.
Variations in air density at 280 km height. 18 p3042 A67-34256
- GREENFIELD, H. H.
Man-rating of reactor power systems for lunar-base missions. 24 p4185 A67-42544
- GREENFIELD, J. C.
Determination of cardiac output in man by means of impedance plethysmography. 23 p3951 A67-41563
- GREENHALGH, S.
Syringe for injecting sodium-potassium alloy. 08 p1279 A67-20377
- GREENHOW, R. C.
An absolute method for measuring the energy output of a laser. 18 p3046 A67-33747
- GREENHOW, W. A.
Summary of NERVA radiation effects tests at cryogenic temperatures. [AIAA PAPER 67-477] 18 p3076 A67-33947
- GREENHUT, V.
Dislocation substructure and extension of fatigue life in metal crystals. 06 p1013 A67-17798
- GREENING, C. P.
Effect of blur and size on target recognition. 09 p1455 A67-21723
- GREENLAND, B. J. L.
Head-up display comes of age. 24 p4152 A67-41896
- GREENLAND, L.
The abundances of selenium, tellurium, silver, palladium, cadmium, and zinc in chondritic meteorites. 14 p2391 A67-28950
- GREENLAND, L. P.
Abundances of chlorine, bromine and iodine in meteorites. 24 p4234 A67-42628
- GREENLEAF, J. E.
Physical performance of women following heat-exercise hypohydration. 20 p3372 A67-37033
- GREENLEE, M. L.
Resistance of titanium-base alloys to atmospheric corrosion. [ASTM PAPER 31] 18 p3068 A67-34579
- GREENMAN, N. N.
Ultraviolet reflectance measurements of possible lunar silicates. 09 p1569 A67-22689
- GREENOUGH, K.
A new aspect of large-scale integration /Nouvel aspect de l'integration a une large echelle/. 13 p2077 A67-26658
- GREENSAN, D.
On approximating extremals of functionals. II. 18 p3071 A67-34264
- GREENSHIELDS, D. H.
Aerothermodynamics - The Apollo experience. 16 p2761 A67-30935
- GREENSPAN, D.
Resolution of classical capacity problems by means of a digital computer. 03 p0462 A67-14342
A numerical method for the exterior Dirichlet problem for the reduced wave equation. 05 p0835 A67-16738
Application of a method for approximating extremals of functionals to compressible subsonic fluid flows. 13 p2050 A67-27148
- GREENSPAN, J. A.
Synoptic description of the 5577 angstrom units nightglow near 78 deg W longitude. 10 p1650 A67-23337
Jupiter's atmosphere - Its structure and composition. 16 p2746 A67-30932
- GREENSTADT, E. W.
Magnetodynamically induced ambiguity in the data from tilted, spinning fluxgate magnetometers - Possible application to IMP 1. 07 p1182 A67-19943
Vela 3 magnetograms at 18 R sub E structure and pulsations in the magnetosheath. 20 p3433 A67-37410
- GREENSTEIN, G. S.
Helium deficiency in old halo B stars. 09 p1568 A67-22438
- GREENSTINE, R. B.
Advanced metal composites - A status report. 08 p1340 A67-20358
- GREENWALD, A. J.
Cabin pressurization characteristics of USAF and commercial transport aircraft. 21 p3577 A67-38081
- GREENWOOD, A. N.
A self consistent model for the cathode region of a high pressure arc. I. 19 p3278 A67-35137
A self consistent model for the cathode region of a high pressure arc. II. 19 p3279 A67-35138
- GREER, H.
Dynamic performance of low-thrust, cold-gas reaction jets in a vacuum. 19 p3310 A67-34805
Dynamic performance of a subliming solid reaction jet. 21 p3697 A67-39152
- GREER, H. W.
An integrating hemisphere /artificial sky/ for the calibration of meteorological pyranometers. 03 p0419 A67-13078

- GREER, R. T.
Water resources on the moon -
Experimental studies concerned with
predicting the nature of possible water
deposits and determining optimum
processing conditions for their
exploitation. 08 p1317 A67-21093
Electron microprobe analyses of powders
darkened by simulated solar-wind
irradiation. 16 p2753 A67-31745
Electron-excited fluorescence of
serpentine. 17 p2852 A67-33239
Cathodoluminescence device for rapid
identification of phase
assemblages. 21 p3630 A67-38848
- GREGG, D. W.
Kinetic energies of ions produced by laser
giant pulses. 04 p0633 A67-15099
- GREGOIRE, M.
Diffusion plasma in the experiments
Daphnis I and Daphnis II. 11 p1835 A67-24383
- GREGOIRE, R.
Physiological and psychotechnical selection
of cosmonauts - European approaches /De la
selection physiologique et psycho-technique
des cosmonautes - Approches
europeennes/. 19 p3179 A67-35066
Physiological and psychotechnical selection
of cosmonauts - European approaches /De la
selection physiologique et psycho-technique
des cosmonautes - approches
Europeennes/. 20 p3375 A67-36925
- GREGORICH, D. P.
A transistorized synchronous
demodulator. 02 p0219 A67-12113
A precision velocity cutoff
system. 17 p2858 A67-32485
- GREGORY, B. C.
Free-fall diffusion in a discharge
afterglow. 03 p0487 A67-14343
Attenuation and coupling impedance of
the backward dipole surface wave on a
cylindrical plasma
column. 09 p1546 A67-22281
Study of the properties of SHF plasmas
/Etude sur les proprietes des plasmas en
hyperfréquences/. 24 p4194 A67-41911
- GREGORY, B. L.
Transient annealing in semiconductor
devices following pulsed neutron
irradiation. 04 p0684 A67-15693
- GREGORY, B. N.
Design considerations involved in
preparation of experiments for small and
large satellites. 12 p2007 A67-25784
Solar X-ray monitoring during the
IQSY. 12 p1999 A67-25833
Observations of solar X-ray activity below
20 angstroms. 23 p4050 A67-40805
- GREGORY, J. B.
Mesospheric electron number densities at
35 deg S latitude. 08 p1378 A67-21483
- GREGORY, N. W.
A torsion effusion study of the reaction of
graphite with hafnium and uranium
dioxides. 01 p0018 A67-10763
- GREGORY, R. D.
The attenuation of a Rayleigh wave in a
half-space by a surface
impedance. 03 p0371 A67-13945
- GREGORY, R. O.
Agena Gemini electric charge
monitor. 01 p0074 A67-11128
- GREGORY, T. J.
The effects of propulsion system-airframe
interactions on the performance of
hypersonic aircraft.
[AIAA PAPER 67-493] 18 p2985 A67-33957
- GREGORY, T. R.
Low level F.E.T. PAM
multicoder. 02 p0216 A67-12013
- GREGORY, W. D.
Superconducting transition and critical
field of pure gallium single
crystals. 01 p0130 A67-10153
- GREGUSS, P.
Techniques and information content of
sonoholograms. 04 p0625 A67-15678
- GREIBACH, S. A.
The unsolvability of the recognition of
linear context-free
languages. 03 p0375 A67-13562
- GREIDER, H. R.
Helium breathing and exercise
hyperpnea. 23 p3953 A67-41586
- GREIF, R.
Heat transfer between parallel plates
including radiation and rarefaction
effects. 20 p3553 A67-36935
Semi-isotropic model for radiation heat
transfer. 23 p4083 A67-41718
- GREIFINGER, C.
Geomagnetic fluctuations due to impulse
sources with applications to high-altitude
nuclear bursts. 07 p1181 A67-19940
- GREINER, E. S.
The plastic deformation of single crystals
of vanadium at 298 deg and 77 deg
K. 18 p3101 A67-34077
- GREINER, J. M.
Utilization of lunar craters for low-
frequency radio astronomy.
[AIAA PAPER 67-904] 24 p4125 A67-43012
- GREKHOF, I. V.
Effect of the space-charge layer on the
volt-ampere characteristics of multilayer
diffusion structures in silicon /Villanie sloia
ob'emnogo zariada na vol'tampernulu
kharakteristiku mnogosloinnykh diffuzionnykh
struktur v kremnii/. 02 p0281 A67-11504
Microplasma effects in silicon
/Mikroplazmennye iavlenia v
kremnii/. 05 p0867 A67-17052
Microplasma phenomena in
silicon. 15 p2538 A67-29783
Relation between dislocations and
microplasmas during avalanche breakdown of
a silicon p-n junction /O svlazi mezhdu
dislokatsiami i mikroplazmami pri lavinnom
proboe p-n-perekhoda v
kremnii/. 18 p3099 A67-33698
- GREKOV, A. A.
Phase boundary in ferroelectric SbSI as
the analog of an electric domain in a
semiconductor. 06 p1047 A67-17758
- GREKOV, A. P.
Organic Chemistry of Hydrazine
/Organicheskaya Khimiya
Gidrazina/. 05 p0758 A67-16073
- GREKOV, N. A.
Variation of stress relaxation of titanium
alloys as a function of the conditions of
deformation at high
temperatures. 12 p1955 A67-25368
- GRELECKI, C.
Surveyor Vernier engine fuel blend - A
constrained optimization.
[AIAA PAPER 66-627] 08 p1374 A67-21517
- GRELOT, P.
Ion-energy spectrum of a laser-created
alumina plasma /Spectre d'energie des ions
d'un plasma d'alumine cree par
laser/. 24 p4199 A67-43102
- GRENIER, G.
Hardness of certain polyesters
copolymerized with styrolene - Reticulation
and temperature effects /La durete de
certains polyesters copolymérisés avec du
styrolene - Influence de la reticulation et de
la temperature/. 05 p0759 A67-18767
- GRENSTED, P. E. W.
Some solutions of a nonlinear differential
equation of high order. 03 p0460 A67-13656
- GRESHAM, H. E.
Reinforced plastics for jet lift
engines. 15 p2508 A67-29671
- GRESHO, P. M.
A comprehensive reliability analysis of
redundant systems. 13 p2123 A67-26828
- GRESSE, H.
Propagation and dispersion of ionic waves
- Application to the Langmuir probe
/Propagation et dispersion des ondes
ioniques - Application a la sonde de
Langmuir/. 08 p1357 A67-20801
- GRESZCZUK, L. B.
Filament-reinforced refractory
metals. 03 p0444 A67-13433
Effect of foreign inclusions on properties
of solids. 03 p0524 A67-13785
Effect of material orthotropy on the
directions of principal stresses and
strains. 06 p1108 A67-18654
Effect of voids on strength properties of
filamentary composites. 08 p1415 A67-20434
- GRETSCH, W. R.
The spectrum of intermodulation
generated in a semiconductor diode
junction. 03 p0381 A67-13664
- GREVESSE, N.
The abundance of lead in the
sun. 19 p3331 A67-36087
- GREVILLE, T. N. E.
Spline functions, interpolation, and
numerical quadrature. 09 p1468 A67-22048
- GREWAL, M. S.
Two-streaming cyclotron
instability. 21 p3661 A67-37748
- GREWER, TH.
The oxidation of carbon
monoxide. 04 p0565 A67-15092
The oxidation of carbon
- disulphide. 04 p0566 A67-15093
The oxidation of hydrogen
sulphide. 04 p0566 A67-15094
Oxidation by oxides of nitrogen and
ozone. 04 p0566 A67-15095
- GREWING, M.
Inverse Compton effect - Some
consequences for quasars. 04 p0702 A67-15942
On the interpretation of the UBV
measurements of quasi-stellar
sources. 17 p2944 A67-32637
Emission-line variability and distance of
quasars. 19 p3327 A67-35893
- GREY, J.
Cooled electrostatic probe.
[AIAA PAPER 66-73] 05 p0856 A67-17344
Nuclear-pulse propulsion.
I. 06 p1030 A67-19025
- GREY, J. T., JR.
Reliability considerations in solid
retrograde motors for manned
missions. 02 p0305 A67-12351
- GREYBER, H. D.
A unified theory for spiral and radio
galaxies. 22 p3893 A67-40504
Magnetic field configuration in galactic
spiral arms. 22 p3893 A67-40505
- GRIBANOV, V. F.
Local stability of a spherical shell in the
case of thermal stresses /Lokal'naya
ustoiichivost' sfericheskoi obolochki pri
temperaturnykh
napriazheniyakh/. 21 p3721 A67-38308
- GRIBBEN, R. J.
Heat transfer in magnetohydrodynamic
flow near a stagnation
point. 18 p3161 A67-34381
Magnetohydrodynamic boundary layers
with variable properties. 22 p3850 A67-39721
- GRIBNIKOV, Z. S.
Dimensional effect in the electrical
conductivity of semiconductors during
heating of the electron gas /Razmernyi
effekt v elektroprovodnosti poluprovodnikov
pri razogreve elektronno
gaza/. 04 p0679 A67-15137
Dimension effect in the magnetic
resistance of semiconductors /Razmernyi
effekt v magnetosoprotivlenii
poluprovodnikov/. 06 p1054 A67-18805
Size effects in conductivity of
semiconductors with a few types of
carriers. 06 p1064 A67-18944
Domain structure of a multi-valley
semiconductor in the case of large
currents. 08 p1367 A67-20416
Appearance of domains in "many-valley"
semiconductors during the passage of strong
currents. 09 p1555 A67-22074
Electrical conductivity of an almost
intrinsic semiconductor with a p-n junction
/Elektroprovodnost' pochti sobstvennogo
poluprovodnika s
p-n-perekhodom/. 10 p1695 A67-23662
Size effect in the electrical conductivity
of semiconductors in the case of electron
gas heating. 12 p1979 A67-25160
Limiting injection levels in electron-hole
junctions /Predel'nye urovni inzhektionsil v
elektronno-dyrochnyykh
perekhodakh/. 15 p2542 A67-30242
Electrical conductivity of an almost
intrinsic semiconductor with a p-n
junction. 17 p2924 A67-33343
Size effect in the magnetoresistance of
semiconductors. 18 p3102 A67-34424
Characteristics of the electric pinch effect
in many-valley bipolar
semiconductors. 23 p4042 A67-41292
- GRIBOVSKII, S. A.
Photolization of d-electrons in Te, Sn,
Pb, PbTe, and SnTe. 04 p0681 A67-15295
- GRIDER, K. V.
On some examples of sub-optimal control
laws. 22 p3777 A67-40156
- GRIDNEV, V. N.
Analysis of the stress-strain state and of
the nature of damage of the surface layers
of nozzle blades /Analiz napriazhennogo
sostoiianiia i kharakter razrusheniia
poverkhnostnykh sloev soplovykh
lopatok/. 13 p2187 A67-26451
High-temperature internal friction in
nickel-chromium alloys
/Vysokotemperaturnoe vnutrennee trenie v
splavakh nikel'-khrom/. 14 p2338 A67-28675
- GRIDNEVA, S. M.
Spectroscopic investigation of an argon-
cesium plasma /Spektroskopicheskoe
issledovanie argono-tsezievoi
plazmy/. 09 p1538 A67-21779

- GRIEGER, G.
Resistive diffusion of cesium plasma in a stellarator. 01 p0125 A67-10914
Effects related to the radial electric field in a Q-machine. 11 p1833 A67-24370
Influence of a radial electric field upon the radial diffusion of a magnetically confined cesium plasma. 11 p1835 A67-24384
- GRIEM, H. R.
Corrections to the asymptotic Holtsmark formula for hydrogen lines broadened by electrons and ions in a plasma. 11 p1823 A67-24491
Stark broadening by electron and ion impacts of n alpha hydrogen lines of large principal quantum number. 14 p2389 A67-28839
- GRIEMSMANN, J. W. E.
Moving media without electromagnetic drag. 19 p3298 A67-35828
- GRIEP, D. J.
Dynamic performance of low-thrust, cold-gas reaction jets in a vacuum. 19 p3310 A67-34805
Dynamic performance of a subliming solid reaction jet. 21 p3697 A67-39152
- GRIERSON, R.
An electron microscopy and X-ray study of the recovery on annealing of cold-worked, dispersion-strengthened alloys. 01 p0097 A67-10698
The effect of thermomechanical treatments on the elastic stored energy in TD nickel. 14 p2337 A67-28418
- GRIEVESON, P.
An investigation of the Ti-C-N system. 19 p3248 A67-34865
- GRIFFIN, A.
Tomasch effect as a probe of the dispersion relation of electrons in "gapless" superconductors. 01 p0130 A67-10154
- GRIFFIN, D. S.
A numerical solution for axially symmetrical and plane elasticity problems. 22 p3908 A67-39290
- GRIFFIN, E. E., JR.
Study of the transient radiation response of thin film field effect transistors. 04 p0589 A67-15717
- GRIFFIN, J.
1414 Mc/sec Jupiter observations. 03 p0411 A67-13166
- GRIFFIN, J. B.
Manned flight simulation of the Air Force modular maneuvering unit. 07 p1163 A67-19379
- GRIFFIN, N. B.
Electronics reliability - Calculation and design. 03 p0377 A67-13232
- GRIFFIN, R. N.
Calibration of the earth albedo experimental package of the OSO satellite series. 02 p0246 A67-12401
- GRIFFIN, W. S.
Development of high speed fluidic logic circuitry for a novel pneumatic stepping motor. 14 p2251 A67-28351
- GRIFFITH, B. J.
Comparison of data from the Gemini flights and AEDC-VKF wind tunnels. [AIAA PAPER 67-166] 06 p0939 A67-18295
Comparison of aerodynamic data from the Gemini flights and AEDC-VKF wind tunnels. [AIAA PAPER 67-166] 17 p2789 A67-32061
- GRIFFITH, P.
System-induced instabilities in forced-convection flows with subcooled boiling. 04 p0736 A67-15858
- GRIFFITH, P. H.
The microwave spectrum of Venus in the frequency range 18-36 Gc/sec. 11 p1865 A67-24601
- GRIFFITHS, A. S.
Synchronization of a jam-resistant mobile small-terminal satellite communications system. 06 p0959 A67-17671
- GRIFFITHS, D. J.
Diamagnetic and paramagnetic surface currents induced by temperature changes in type-II superconductors in static magnetic fields. 14 p2365 A67-28296
- GRIFFITHS, L.
How Rolls-Royce uses computers. 01 p0031 A67-11199
- GRIFFITHS, P.
Safety program at the nuclear rocket development station. 20 p3482 A67-36565
- GRIFFITHS, W. E. B.
A review of the current policy in the United Kingdom for the use of flight simulators in flight crew training and checking. 13 p2064 A67-27272
- GRIGAS, B. P.
Temperature hysteresis of the phase transition in SbSI /Temperaturnyi gisterizis fazovogo perekhoda v SbSJ/. 15 p2537 A67-29707
- GRIGAS, I. P.
Temperature hysteresis of the phase transition in SbSI /Temperaturnyi gisterizis fazovogo perekhoda v SbSJ/. 15 p2537 A67-29707
Thermal hysteresis of the phase transformation in SbSI. 24 p4199 A67-41777
- GRIGAS, V. P.
Thermal hysteresis of the phase transformation in SbSI. 24 p4199 A67-41777
- GRIGGS, E. I.
Effects of longitudinal vibration on discharge of liquids from propellant tanks. 16 p2658 A67-30946
- GRIGGS, M.
Atmospheric ozone. 04 p0612 A67-14894
- GRIGOLIUK, E. I.
Elastic equilibrium of an isotropic plane with a doubly periodic system of inclusions /Uprugoe ravnovesie izotropnoi ploskosti s dvoyakoperiodicheskoi sistemoi vklucheni/. 02 p0340 A67-12659
Evidence for equations of three-layer plates with an asymmetrical structure and a rigid filler /Obosnovanie uravnenii trekhslonnykh plastin nesimmetrichnoi struktury s zhestkim zapolnitelem/. 06 p1106 A67-18628
Stability of three-layer shells subject to creep /Ustoychivost' trekhslonnykh obolochek v usloviiakh pozuchesti/. 12 p0204 A67-25598
Nonlinear equations of shallow multilayer shells of regular structure /Nelineinye uravnenia pologikh mnogoslonoynykh obolochek regularnogo stroeniia/. 12 p0209 A67-25668
An extremal thermoelasticity problem for an infinite cylindrical shell /Ob odnoi ekstremal'noi zadache termouprugosti dlia beskonechnoi tsilindricheskoi obolochki/. 17 p2962 A67-32968
Effect of an acoustic shock wave on an elastic cylindrical shell /O vozdeistvii udarnoi akusticheskoi volny na upruguiu tsilindricheskuiu obolochku/. 21 p3717 A67-37973
Perforated plates and shells and problems associated with them - Survey of results /Perforirovannye plastyiny i obolochki i svyazannye s nimi problemy - Obzor rezul'tatov/. 23 p4077 A67-40749
- GRIGORENKO, I. A. M.
Design of conical shells for antisymmetric loads /Raschet konicheskikh obolochek pri antisimmetrichnykh nagruzkakh/. 08 p1424 A67-21427
Deformation of open shells of revolution with hinged meridional edges /Deformatsiya nezamknutykh obolochek vrashcheniya s sharnirno opertymi meridional'nymi kralami/. 10 p1720 A67-23601
- GRIGORENKO, V. G.
Anomalous decay of a discharge plasma with oscillating electrons in a strong magnetic field /Anomal'nyi raspad plazmy razriada s ostslilruiushchimi elektronami v sil'nom magnitnom pole/. 02 p0278 A67-12620
Anomalous decay of the plasma in a PIG discharge in a strong magnetic field. 13 p2170 A67-27376
Anomalous decay of a discharge plasma with oscillating electrons in a strong magnetic field /Anomal'nyi raspad plazmy razriada s ostslilruiushchimi elektronami v sil'nom magnitnom pole/. 16 p2717 A67-31181
Comparison of microwave methods of plasma diagnostics /Sravnenie mikrovolnovykh metodov issledovaniia plazmy/. 21 p3670 A67-38668
- GRIGOREV, A. L.
Effect of an a priori known relation between the appearances of two signals on their detection characteristics /Vlianie apriorno izvestnoi zavisimosti mezhdu polavleniiami dvukh signalov na kharakteristiki ikh obnaruzheniia/. 07 p1143 A67-19593
Effect of the a priori known relationship between the occurrence of two signals on their detection characteristic. 20 p3384 A67-37332
- GRIGOREV, E. T.
Stability of longitudinal oscillations of a film with a fluid /Ob ustoychivosti prodol'nykh kolebani obolochki s zhidkost'iu/. 21 p3720 A67-38297
- GRIGOREV, G. I.
A log-periodic spiral element and paraboloid reflector with a frequency coverage of 1-7. 02 p0213 A67-11644
Electron concentration inhomogeneities appearing during the propagation of moving ionospheric disturbances. 07 p1178 A67-19809
Adiabatic properties of internal ionospheric gravitational waves /Adiabatschnost' vnutrennikh gravitatsionnykh voln v ionosfere/. 10 p1631 A67-22803
Spread of traveling disturbances and their influence on the altitude-frequency characteristics of the ionosphere /Rasplyvanie peremeshchailushchikhsia vozmushchenii i ikh vlianie na vysotnochasotnoye kharakteristiki ionosfery/. 15 p2479 A67-30074
Adiabatic nature of internal gravity waves in the ionosphere. 24 p4150 A67-42140
- GRIGOREV, I. U. G.
Radiation safety of space flights /Radiobiologicheskie aspekty/. 13 p2059 A67-28761
Radiobiological aspects /Obespechenie radiatsionnoi bezopasnosti kosmicheskikh poletov - Radiobiologicheskie aspekty/. 13 p2059 A67-28761
The problem of verifying the permissible doses of ionizing radiation for space-vehicle crews /Problema obosnovaniia dopustimyykh doz ioniziruiushchei radiatsii dlia chlenov ekipazha kosmicheskikh korablei/. 16 p2617 A67-30764
Radiation and space flights /Radiatsiya i kosmicheskoe polety/. 16 p2612 A67-30901
- GRIGOREV, I. U. V.
Theory of a parametric light generator /K teorii parametricheskogo generatora sveta/. 02 p0251 A67-11575
- GRIGOREV, M. M.
Motion of an electrically conducting fluid produced by slow rotation of a disk in a housing in the presence of an axial magnetic field /O dvizhenii elektroprovodiashchei zhidkosti, vyzvanom medlennym vrashcheniem diska v kozhukhe pri nalichii osevoogo magnitnogo polia/. 21 p3665 A67-38247
- GRIGOREV, N. N.
Emission of hot electrons from polar semiconductors with a nonparabolic dispersion law /Emissiya gorjachikh elektronov iz polarnykh poluprovodnikov s neparabolicheskimi zakonom dispersii/. 06 p1052 A67-18423
Effect of an electrical field on the magnetic resistance and Hall effect in polar semiconductors with a nonparabolic dispersion law /Vlianie elektricheskogo polia na magnetosoprotivlenie i effekt Kholla v polarnykh poluprovodnikakh s neparabolicheskimi zakonom dispersii/. 10 p1695 A67-23661
Influence of an electric field on the magnetoresistance and on the Hall effect in polar semiconductors with a nonparabolic dispersion law. 17 p2924 A67-33342
- GRIGOREV, V. N.
Some conditions for the existence of a "pinch" structure in a skin layer in a plasma /Nekotorye uslovia sushchestvovaniia "pinchevoi" struktury skin-sloia v plazme/. 05 p0854 A67-16994
- GRIGOREVA, G. M.
Study of the radiation resistance of silicon photoconverters - From the results of the Elektron 3 satellite experiment /Issledovanie radiatsionnoi stoikosti kremniyevykh fotopreobrazovatelei - Po dannym eksperimenta na ISZ "Elektron-3"/. 02 p0240 A67-11543
Investigations into the radiation stability of silicon photoconverters /from the experimental data obtained on the artificial earth satellite "Elektron-3"/. 16 p2677 A67-31609
- GRIGOREVA, L. I.
Plasma heating by a high-amplitude fast magnetosonic wave /Nagrev plazmy bystroi magnitnozvukovoi volnoi bol'shoi amplitudy/. 21 p3669 A67-38678
- GRIGOREVA, V. S.
Optical reflection of gallium phosphide, gallium arsenide and their solid solutions /Opticheskoe otrazhenie fosfida gallia, arsenida gallia i ikh tverdykh rastvorov/. 01 p0086 A67-10067
Optical reflection of gallium phosphide, gallium arsenide, and their solid solutions. 08 p1339 A67-21450

- Injection luminescence of epitaxial heterojunctions in the GaP-GaAs system /Inzhektionsnaya luminesentsiya epitaksial'nykh geteroperekhodov v sisteme GaP-GaAs. 09 p1554 A67-21975
- Injection luminescence of epitaxial heterojunctions in the GaP-GaAs system. 17 p2923 A67-33312
- GRIGOREVA, V. V.**
Study of the properties of extruded nickel-aluminum oxide alloys /Issledovaniya svoystv ekstrudirovannykh splavov nikel'-oks' aluminila/. 09 p1517 A67-21876
- GRIGOREVA, Z. N.**
The atmospheric activity of Jupiter in 1964-1965 according to data of photometric observations /Atmosfera na aktivnost' Yupitera v 1964-1965 gg. po dannym fotometricheskikh nabludenii/. 22 p3879 A67-39299
- GRIGORIAN, F. A.**
Construction and rate of pulse amplifiers /O strukture i bystrodelstvii impul'snykh usilitelei na magnitnykh materialakh/. 21 p3593 A67-38290
- GRIGORIANTS, N. M.**
Elastic stability of a flexible plate under the effect of suddenly applied and short-term forces /Voprosy uprugoi ustoiichivosti gibkoi plastiny pod deystviem vnezapnykh i kratkovremennykh sil/. 12 p2024 A67-25599
- GRIGORJEV, Y. G.**
Radiobiological aspects of radiation safety in cosmic flights /Radiobiologicheskie aspekty radiatsii bezpechnosti kosmicheskikh letu/. 14 p2255 A67-28222
- GRIGOROV, G.**
Plasma in non-homogeneous R.F. field. 14 p2354 A67-27765
- GRIGOROV, N. G.**
Measurement of the energy spectrum of primary cosmic rays in the energy range from 10 super 10 to 10 super 14 ev with the aid of the satellite Proton 1 /Izmerenie energeticheskogo spektra pervichnykh kosmicheskikh luchei v oblasti energii 10 super 10-10 super 14 ev s pomoshch'yu ISZ Proton-1/. 05 p0877 A67-16086
- GRIGOROV, N. L.**
Amplitude recording of pulses and logarithmic amplitude conversion in a dynamic range of 10 super 4 to 10 super 5. 01 p0062 A67-10160
- Investigation of cosmic radiation by the Luna-10 artificial satellite /Issledovanie kosmicheskogo izlucheniya na iskusstvennom sputnike Luna-10/. 01 p0145 A67-10906
- Study of soft corpuscular radiation by the lunar satellite Luna-10 /Izuchenie mialkoi korpuskularnoi radiatsii na sputnike luny Luna-10/. 01 p0145 A67-10907
- Measurement of the effective cross section of the inelastic interaction of protons with carbon nuclei at energy levels of 10 super 10 to 10 super 12 ev by the Proton-1 satellite /Izmereniya effektivnykh sechenii neuprugogo vzaimodelstviya protonov s iadrami ugleroda pri energiyakh 10 super 10 -10 super 12 ev na ISZ Proton-1/. 02 p0315 A67-12757
- Evaluation of the effective cross-section of the inelastic interaction of primary 10 super 12 -ev protons with atmospheric atomic particles /Otsenka effektivnogo secheniya neuprugogo vzaimodelstviya pervichnykh protonov s energiei 10 super 12 ev s atomnymi iadrami atmosfery/. 02 p0315 A67-12759
- Mechanism of the formation of high-energy pions in cosmic rays /O mekhanizme obrazovaniya vysokoenegichnykh pionov v kosmicheskikh luchakh/. 02 p0315 A67-12760
- Comments on a model of the formation of extensive air showers /Zamechania ob odnoi modeli obrazovaniya shirokoi atmosferykh llnvel/. 02 p0319 A67-12785
- Study of corpuscular radiation by the Luna 10 space vehicle /Izuchenie korpuskularnoi radiatsii na kosmicheskoi apparate "Luna-10"/. 05 p0875 A67-16053
- Study of the chemical composition of primary cosmic rays in the moderate-energy range with the aid of the satellite Proton 1 /Izuchenie khimicheskogo sostava pervichnykh kosmicheskikh luchei v oblasti umerennykh energii na ISZ Proton-1/. 05 p0877 A67-16087
- Study of high-energy gamma quanta outside the atmosphere /Izuchenie gamma-kvantov vysokoi energii za predelami atmosfery/. 05 p0877 A67-16088
- Study of high-energy electrons with the aid of the satellites Proton 1 and 2 /Izuchenie elektronov vysokoi energii na ISZ Proton-1 i Proton-2/. 05 p0878 A67-16091
- Investigation of cosmic rays by the stations Proton 1 and Proton 2 /Issledovaniya kosmicheskikh luchei stantsiiami "Proton-1" i "Proton-2"/. 08 p1376 A67-21001
- Proton-2 earth satellite study of the nuclear component of primary cosmic rays /Izuchenie iadernoi komponenty pervichnykh kosmicheskikh luchei na ISZ "Proton-2"/. 09 p1561 A67-21897
- High-transmission spectrometer for the charges of primary cosmic ray nuclei /Svetosil'nyi spektrometr zariadov pervichnykh iader kosmicheskikh luchei/. 09 p1497 A67-21898
- Device for measuring high-energy gamma quanta present in primary cosmic radiation /Pribor dlia izmereniya gamma-kvantov vysokoi energii v sostave pervichnogo kosmicheskogo izlucheniya/. 09 p1497 A67-21899
- Investigation of primary cosmic rays at the Proton-1 scientific station. 16 p2737 A67-30647
- Spectrometer of a Proton-type satellite for primary high-energy cosmic-ray particles /Spektrometr chastits pervichnogo kosmicheskogo izlucheniya vysokoi energii dlia ISZ tipa "Proton"/. 17 p2854 A67-32245
- Study of the energy spectrum and the composition of primary cosmic rays in the high- and superhigh-energy range on the satellites Proton 1 and 2 /Izuchenie energeticheskogo spektra i sostava pervichnykh kosmicheskikh luchei v oblasti vysokikh i sverkhvysokikh energii na ISZ "Proton-1" i "Proton-2"/. 17 p2935 A67-32246
- Measurement by the satellites Proton 1 and 2 of the effective cross sections of inelastic interactions between 10 super 10 to 10 super 12 ev protons and carbon nuclei /Izmereniya na ISZ "Proton-1" i "Proton-2" effektivnogo secheniya neuprugogo vzaimodelstviya s iadrami ugleroda protonov s energiyami 10 super 10 - 10 super 12 ev/. 17 p2935 A67-32247
- Study of superheavy nuclei in cosmic rays /Izuchenie sverkhkhlazhelykh iader v kosmicheskikh luchakh/. 17 p2935 A67-32248
- Study of the energy distribution of cosmic-ray particles with various masses with the aid of the satellites Proton 1 and Proton 2 /Izuchenie energeticheskogo raspredeleniya chastits kosmicheskikh luchei s razlichnymi massami na ISZ "Proton-1" i "Proton-2"/. 17 p2935 A67-32249
- Measurement of corpuscular radiation on the space probe Luna-10. 21 p3697 A67-37840
- Measurement of the intensity of nuclear-active particles at mountain altitudes /Izmereniya intensivnosti iaderno-aktivnykh chastits na vysotakh gor/. 21 p3698 A67-38293
- Measurements on board the satellite Proton 1 of the cross sections for inelastic interaction of protons with carbon nuclei at energies of 10 super 10-10 super 12 ev. 22 p3876 A67-40259
- Evaluation of the cross section for inelastic interaction of 10 super 12 ev primary protons with air nuclei. 22 p3876 A67-40261
- On the mechanism of production of high-energy pions in cosmic rays. 22 p3876 A67-40262
- Concerning a model of extensive air shower formation. 22 p3878 A67-40287
- Study of the form of the energy spectrum of primary cosmic particles in the energy range from 10 super 10 to 10 super 14 Ev on the Proton 1 and 2 space stations /Izuchenie vida energeticheskogo spektra pervichnykh kosmicheskikh chastits v diapazone energii 10 super 10 -10 super 14 Ev na kosmicheskikh stantsiiakh Proton-1 i Proton-2/. 23 p4054 A67-41091
- Energy spectrum of primary protons in the range from 10 super 10 to 10 super 13 ev according to Proton 1 and 2 data /Energeticheskii spektr pervichnykh protonov v oblasti energii 10 super 10 -10 super 13 ev po dannym Protona-1 i Protona-2/. 23 p4054 A67-41092
- Study of the chemical composition of primary cosmic rays in the intermediate-energy range on the Proton 1 and 2 space stations /Izuchenie khimicheskogo sostava pervichnykh kosmicheskikh luchei v oblasti umerennykh energii na kosmicheskikh stantsiiakh Proton-1 i Proton-2/. 23 p4054 A67-41093
- Study of the forms of the energy spectra of nuclei with various Z values from measurements on the Proton 1 and 2 space stations /Izuchenie vida energeticheskikh spektrov iader razlichnykh Z po izmereniyam na kosmicheskikh stantsiiakh Proton-1 i Proton-2/. 23 p4054 A67-41094
- Study of high-energy cosmic-ray particles with the aid of "Proton" artificial earth satellites /Izuchenie chastits kosmicheskikh luchei vysokoi energii na iskustvennykh sputnikakh zemli "Proton"/. 24 p4210 A67-42391
- Measurements of the energy spectrum of cosmic rays in the 10 super 10 to 10 super 14 ev range by means of Proton 1. 24 p4212 A67-42762
- Investigation of the chemical composition of primary cosmic rays in the region of moderate energies by means of Proton I. 24 p4212 A67-42763
- Investigation of high-energy gamma rays beyond the atmosphere. 24 p4212 A67-42764
- Investigation of high-energy electrons by means of Proton I and Proton II. 24 p4213 A67-42767
- Certain results obtained by the method of controlled nuclear photoemulsions with the fixation of time of recorded events /Nekotorye rezul'taty, poluchennyye metodom kontroliuemykh iadernykh fotoemul'sii s fiktsatsiei vremeni registriruemykh sobytii/. 24 p4217 A67-42832
- Energy spectrum of nuclear-active particles at mountain altitudes /Energeticheskii spektr iadernoaktivnykh chastits na vysotakh gor/. 24 p4218 A67-42834
- Certain contradictions in high-energy cosmic-ray studies /O nekotorykh protivorechiyakh v issledovaniyakh chastits kosmicheskikh luchei vysokoi energii/. 24 p4218 A67-42840
- Measurement of the effective cross section of inelastic interaction between protons and carbon nuclei at energies from 10 super 10 to 10 super 12 ev on the Proton 1 and 2 space stations /Izmereniya effektivnogo secheniya neuprugogo vzaimodelstviya protonov s iadrami ugleroda v diapazone energii 10 super 10 -10 super 12 ev na kosmicheskikh stantsiiakh Proton-1 i Proton-2/. 24 p4219 A67-42843
- GRIGOROVA, I. K.**
Anisotropy of the Hall effect in dysprosium /Ob anizotropii efekta Kholla v disprozii/. 01 p0133 A67-10743
- Anisotropy of the Hall effect in dysprosium. 13 p2176 A67-26772
- GRIGOROVICI, R.**
Electrical conductivity in microcrystalline metal films. 02 p0292 A67-11748
- GRIGULL, U.**
Natural convection in horizontal cylindrical annuli. 04 p0732 A67-15829
- Two-beam interferometer using a laser. 10 p1652 A67-22709
- GRILIKHES, V. A.**
Algorithm for the statistical solution of the problem of radiant flux distribution in solar receivers with paraboloidal collectors /Algoritm statisticheskogo resheniya zadachi o raspredelenii luchistykh polokov v priemnikakh solnechnykh ustanovok s paraboloidnymi kontsentratorami/. 04 p0553 A67-14666
- GRILITSKII, D. V.**
Joint torsion of a rod and half-space /Sovmestnoe krucheniye sterzhnia i poluprostanstva/. 11 p1879 A67-24884
- GRIMES, G. C.**
Attachment concepts and problems in fibrous composite aerospace structures. 03 p0523 A67-13444
- The adhesive-honeycomb relationship. 09 p1577 A67-22509
- GRIMM, T. C.**
An apparatus for simulation of time-temperature-pressure re-entry environments. 15 p2466 A67-29537
- GRIMM, U.**
Heat transfer from oxygen at high temperatures. 04 p0729 A67-15813
- GRIMMEISS, H. G.**
Optical and electrical properties of Cu-doped GaP. II. 03 p0491 A67-13202
- GRIMMER, M.**
Energy-preserving integrations of the primitive equations on the sphere. 19 p3252 A67-35058

- GRIMSHAW, J. A.**
Energy and orientation dependence of electron damage in silicon solar cells. 17 p2918 A67-32848
- GRIMSLEY, J. D.**
An analysis of failures in spacecraft. 07 p1193 A67-20253
- GRIMWADE, M. F.**
Sintered turbine blades for arduous temperature and stress conditions. 17 p2865 A67-32821
- GRINBERG, A. A.**
Photolization of shallow impurity levels in semiconductors with phonon participation /Fotolizatsiya melkikh primesnykh urovnei v poluprovodnikakh pri uchastii fononov/. 04 p0678 A67-15135
A theoretical and experimental study of optical transitions in semiconductors induced by carrier interaction. 06 p1059 A67-18912
Photolization of shallow impurity levels in semiconductors with phonon participation. 12 p1978 A67-25159
Laser radiation absorption and semiconductor breakdown /Pogloshchenie lazernogo izlucheniya i razrusheniye v poluprovodnikakh/. 15 p2537 A67-29704
Two-photon recombination of semiconductor electronhole pairs /Dvukhfotonnaya rekombinatsiya elektronnydyrochnykh par v poluprovodnikakh/. 15 p2542 A67-30244
Two-photon photoconductivity in CdS excited with giant pulses from ruby laser. 20 p3456 A67-36164
Absorption of laser radiation and damage in semiconductors. 24 p4199 A67-41774
- GRINBERG, S. M.**
Role of torsional constraints in the calculation of vibrational frequencies of compressor blades /O roli stesennosti krucheniya pri raschete chastot kolebani lopatok kompressora/. 03 p0528 A67-14081
- GRINDLE, E. L.**
Corrosion and the P-3 Orion. 01 p0011 A67-11012
- GRINDON, J. R.**
Omnidirectional instantaneous direction finding system. 11 p1764 A67-24444
- GRINER, G. M.**
Reduction of rocket wind dispersion by adjusting the thrust-time curve. 08 p1406 A67-20512
Effect of rocket thrust-time curve on wind dispersion. 24 p4242 A67-42919
- GRINEVA, K. I.**
Segmented antennas with beam swinging /Sektirovannyye anteny s kachaniem lucha/. 16 p2637 A67-31026
- GRINGAUZ, K. I.**
Signs of the moon's intersection of the tail of the earth's magnetosphere according to data from charged-particle traps in the first artificial satellite of the moon /Priznaki peresecheniya lunoi khvosta magnitosfery zemli po dannym lovushek zarlyazhennykh chastits na pervom iskusstvennom sputnike luny/. 01 p0145 A67-10908
Results of experiments on the first artificial satellite of the moon, aimed at detecting a lunar ionosphere /Rezultaty eksperimentov po obnaruzheniyu lunnoi ionosfery, provedennykh na pervom iskusstvennom sputnike luny/. 03 p0513 A67-14066
Results of an experimental study of plasma in circumlunar space with the aid of charged particle traps of the first artificial lunar satellite /Rezultaty eksperimentov po izucheniyu plazmy v okololunnom prostranstve s pomoshch'yu lovushek zarlyazhennykh chastits na pervom iskusstvennom sputnike luny/. 05 p0875 A67-16054
Absorption of ultraviolet solar radiation in the upper atmosphere near the main ionization maximum, according to measurements of photoemission by means of an earth satellite. 10 p1647 A67-23282
Once more on the possibility of determining local electron concentration by the dispersion method using artificial earth satellites and new ionization maxima in the ionosphere. 12 p1932 A67-25539
Some results of measurements carried out by means of charged particle traps on the Electron 2 satellite. 12 p1998 A67-25817
Preliminary results of measurements carried out by means of charged particle traps on the Interplanetary station Zond 2. 12 p1998 A67-25818
- Method of determining the ion temperature from variations in the current of an ion trap caused by the rotation of the satellite and an estimate of the upper limit of the ion temperature at altitudes approximately less than 10,000 km according to Elektron 2 data /Sposob opredeleniya ionnoi temperatury po izmeneniyamтока ionnoi lovushki, vyzvannym vrashcheniem sputnika, i otsenka verkhnego predela ionnoi temperatury na vysoтах approximately less than 10,000 km po dannym "Elektrona-2"/. 13 p2115 A67-27330
Observations of the solar wind with the aid of the Venus 3 interplanetary station /Nabludeniya solnechnogo vetra s pomoshch'yu mezplanetnoi stantsii "Venera-3"/. 13 p2194 A67-27331
Comparison of certain results of simultaneous measurements of the characteristics of the solar wind on the Venus 3 and Pioneer 6 space vehicles /Sopostavleniye nekotorykh rezul'tatov odnovremennykh izmerenii kharakteristik solnechnogo vetra na kosmicheskikh apparatakh "Venera-3" i "Pioner-6"/. 13 p2195 A67-27343
The temperature of neutral and charged particles in the ionosphere and magnetosphere - Results of measurements on rockets and satellites /Temperatura neutral'nykh i zarlyazhennykh chastits v ionosfere i magnitosfere - Rezul'taty izmerenii na raketakh i sputnikakh/. 18 p3040 A67-34033
Characteristics of neutral and ionized components of the atmosphere at heights of 100-500 km measured during the flights of geophysical rockets. 19 p3218 A67-35215
Study of plasma in the neighborhood of the moon using charged-particle traps on the first lunar artificial satellite. 21 p3697 A67-37841
Rocket and satellite measurements of ionospheric and magnetospheric particle temperatures. 22 p3871 A67-39677
- GRINGORTEN, I. I.**
A stochastic model of the frequency and duration of weather events. 02 p0261 A67-12079
- GRINIUK, V. N.**
Investigation into plastic behaviour of zone refined and prestrained Be single crystals. 13 p2137 A67-27111
- GRINIUS, V. G.**
Analytical and experimental micromechanics studies. 03 p0455 A67-13440
Micromechanics - Failure mechanism studies. 08 p1344 A67-20422
- GRIOLI, G.**
On the thermodynamic potential for continua with reversible transformations - Some possible types. 06 p1119 A67-18583
- GRIPSHOVER, P. J.**
Fabrication of complex beryllium shapes by gas-pressure compaction. 13 p2123 A67-27131
- GRISAFFE, S. J.**
Simplified guide to thermal-spray coatings. 18 p3055 A67-34483
- GRISDALE, G. L.**
Improvements in long-range communication with aircraft. 08 p1294 A67-20778
- GRISELLI, A.**
Magnesium alloys in aircraft and space vehicle construction /Le leghe di magnesio nelle costruzioni aeronautiche e spaziali/. 04 p0638 A67-14983
- GRISHAEV, I. O.**
Study of the effect of 35-Mev electrons on the electrophysical properties of germanium /Doslizhenniya vplivu elektroniv z energiei 35 Mev na elektrofizicheskiye vlastnosti germaniya/. 16 p2732 A67-31479
- GRISHAKOV, V. I.**
Random periodic behavior of quasi-linear stochastic differential equations. I /K sushchestvovaniyu sluchaynykh periodicheskikh rezhimov kvazilineinykh stokhasticheskikh differentsial'nykh uravnenii. I/. 18 p2696 A67-31009
- GRISHANIN, B. A.**
Optimal use of multichannel systems for separation of regular signals from noise. 20 p3384 A67-37197
- GRISHANINA, L. A.**
Synthesis of tissue proteins in hypodynamic animals /O sinteze tkanevykh belkov u zhivotnykh pri glipodinamii/. 13 p2059 A67-26759
- Nitrogen metabolism in animals during hypokinesia /Azotisty obmen pri glipokinezii zhivotnykh/. 20 p3368 A67-36261
- GRISHCHENKO, I. I.**
Calculation of the geometry of a reflector by the illumination created by it /Raschet geometrii reflektora po sozdavaemol im osveshchennosti/. 02 p0268 A67-12446
- GRISHCHUK, L. P.**
Some remarks on the singularities of the cosmological solutions of the gravitational equations. 10 p1710 A67-23588
- GRISHECHKIN, M. I.**
Resistance of magnetic structure to the effect of orthogonal pulsed fields /Ustoichivost' magnitnoi struktury k deistviyu ortogonal'nykh impul'snykh polei/. 12 p1980 A67-25238
- GRISHECHKINA, S. P.**
Spontaneous and coherent radiation of electron-hole plasma in indium antimonide. 01 p0087 A67-10088
The pinch effect in the degenerate plasma of indium antimonide. 06 p1049 A67-17879
Generation of coherent radiation in electron-hole plasmas in indium antimonide. 08 p1367 A67-20418
Pinch effect in a degenerate plasma in longitudinal and transverse magnetic fields. 21 p3666 A67-38369
- GRISHIN, A. M.**
Ignition of reacting substances /O zashhigai reagiruyushchikh veshchestv/. 05 p0927 A67-16990
Linearization of the thermal explosion equation and the stability of its solutions for boundary conditions of the third kind. 14 p2408 A67-28310
Effect of viscosity on the self-ignition of a reactive moving mixture /Vliyanie vlyazkosti na samovospalmeneniye reagiruyushchey dvizhushchey smesi/. 20 p3554 A67-37055
- GRISHIN, I. P.**
Probability of target detection by a back-up system for an automatic rangefinder in the case of an automatic target-search /Veroliatnost' zakhvata tseli slediashego sistemol avtomat'nomena pri avtomaticheskoy polske tseli/. 05 p0767 A67-17473
- GRISHIN, N. I.**
Possible composition of noctilucous clouds /O vozmozhnom sostave serebristyykh oblakov/. 17 p2879 A67-32323
- GRISHINA, A. D.**
Effect of ionizing radiation on the electrical and paramagnetic properties of organic polyvinyl-acetate-based semiconductors /Vliyanie ioniziruyushchego izlucheniya na elektricheskiye i paramagnitnyye svoystva organicheskikh poluprovodnikov na osnove polivinilatsetata/. 18 p3099 A67-33694
- GRISHINA, G. A.**
Solution of some two-dimensional problems in gas dynamics in a linear approximation /Reshenie, nekotorykh dvumernykh zadach gazodinamiki v lineino priblizhenii/. 02 p0233 A67-11969
Approximate linear solutions of some plane gas dynamical problems. 17 p2841 A67-33286
- GRISHINA, L. P.**
The thermionic emission of some yttrium and gadolinium borides. 15 p2534 A67-29358
- GRISHIS, V. I. A.**
Heat transfer from a vibrating cylinder in a circular channel /Teplotodach na vibriruyushchego tsilindra v kol'tsevom kanale/. 20 p3554 A67-37303
- GRISMORE, F. L.**
Uniaxial anisotropy and rotational hysteresis in thin gadolinium films. 13 p2179 A67-27144
- GRISVARD, P.**
Commutativity of two interpolation functors and applications /Commutativite de deux foncteurs d'interpolation et applications/. 04 p0644 A67-14906
- GRITSENKO, A. P.**
Capacitance transducers with transverse-bending plates /Emkostnyye preobrazovateli s poperechnozigbalushchimisla obkladkami/. 01 p0063 A67-10416
- GRITSENKO, E. E.**
Intermediate phases in titanium iridium and titanium rhodium alloys /O promezhutochnykh fazakh v splavakh titana s iridiem i rodiiem/. 07 p1204 A67-19263
- GRITSENKO, M. B.**
Autonomy in multiconnected automatic control systems with variable structure. 05 p0786 A67-17542

- GRIVET, P. A.**
Measurement of weak magnetic fields by magnetic resonance. 22 p3799 A67-39771
- GRIZHKO, V. M.**
Study of the effect of 35-Mev electrons on the electrophysical properties of germanium /Doslizhennia vplivu elektroniv z energiei 35 Mev na elektrofizichni vlastivosti germaniuv/. 16 p2732 A67-31479
- GRJEJINE, T.**
Increase of cosmic dust in the stratosphere after a meteor shower /Accroissement de poussiere cosmique dans la stratosphere apres une averse de meteoros/. 16 p2668 A67-31707
- GROBMAN, D. M.**
Theory of Liapunov Indices and its Applications to Stability Problems /Teoriia Pokazatelei Liapunova/. 04 p0645 A67-15011
- GROBOW, W. A.**
Oscillations of quasi-linear systems with gyroscopic terms when internal resonance is included /Drgania ukladow quasi-linowych z czlonami zyroskopowymi z uwzględnieniem rezonansu wewnetrznego/. 07 p1261 A67-19189
- GRODKO, L. N.**
Helicopters-Design and Engineering. 1 - Aerodynamics /Vertolety-Raschet i Proektirovanie. 1 - Aerodinamika/. 04 p0551 A67-15266
Small oscillations of mechanical systems with circular symmetry /O mal'nykh kolebaniakh mekhanicheskikh sistem, obladaiushchikh krugovoi simmetrii/. 12 p1967 A67-25661
Vibrations of an elastic rotor in a cardan suspension /O kolebaniakh uprugogo nesushchego vinta na kardanovom podvese/. 15 p2576 A67-30175
Helicopters-Design and Development. Book 2 - Vibrations and Dynamic Stability /Vertolety-Rascheti i Proektirovanie. Kniga 2 - Kolebania i Dinamicheskai Prochnost'/. 16 p2597 A67-31812
- GRODKO, V. A.**
Effect of boundary conditions on current flow in a thermal cesium plasma. 08 p1357 A67-20845
- GRODSKI, J. J.**
Local density determinations in rarefied gas flows by measuring the large-angle single-scattering from an electron beam. 15 p2490 A67-30152
- GRODSKY, M. A.**
A simulation study of landing of a typical medium L/D entry vehicle. [AIAA PAPER 67-574] 20 p3533 A67-37133
- GRODZOVSKI, G. L.**
The motion of a body of variable mass with energy accumulation and an engine with limited jet velocity. II /O dvizhenii tela peremennoi massy s nakopleniem energii i dvizhitelem s ogranichennoi skorost'iu istecheniia reaktivnoi strui. II/. 02 p0327 A67-12332
Effect of weight limitations on the parameters of optimal motion of a variable-mass body with limited jet velocity /Vliianie vesovykh faktorov na parametry optimal'nogo dvizheniia tela peremennoi massy s ogranichennoi skorost'iu istecheniia strui/. 02 p0327 A67-12333
Motion of fragments of a vessel bursting in a vacuum. 04 p0708 A67-14793
Mechanics of low-thrust space flight /Mekhanika kosmicheskogo poleta s maloi tiagoi/. 13 p2211 A67-26460
Energy storage in problems of optimization of space flight with limited power /Nakopitel' energii v zadachakh optimizatsii kosmicheskogo poleta s ogranichennoi moshchnost'iu/. 16 p2760 A67-30719
Motion of the two parts formed by rupture of a gas-filled vessel in vacuo /Dvizhenie dvukh chastei posle razryva ob'ema s gazom v vakuumie/. 16 p2761 A67-30745
Supersonic gas flows in perforated boundaries /Sverkhzvukovye techeniia gaza v perforirovannykh granitsakh/. 17 p2789 A67-32019
The optimal shape of certain circular fins cooled by radiation /Ob optimal'noi forme nekotorykh kol'tsevykh reber, okhlazhdaemykh izlucheniem/. 20 p3554 A67-37067
- GROENEWEG, J.**
Fluorescent photography of droplets in a spray using a Q-switched laser as a light source. 22 p3797 A67-39492
- GROENIG, H.**
New MZI-technique for shock tube measurements. 12 p1926 A67-25938
Studies of strong cylindrical shock waves /Untersuchungen an starken zylindrischen Stosswellen/. 13 p2094 A67-26641
- GROGINSKY, H. L.**
An analysis of the estimates of wind parameters using the VAD technique. 04 p0648 A67-14674
- GROHMAN, M. C.**
Power conditioning reliability improvement through standby redundancy and automatic failure detection. 24 p4108 A67-42539
An automatic failure detector for power conditioning equipment. [AIAA PAPER 67-983] 24 p4110 A67-43055
- GROISBERG, A. B.**
Method for investigating the reliability of complex logic-control systems by a statistical-analog technique /Ob odnom sposobe issledovaniia nadezhnosti slozhnykh sistem logicheskogo upravleniia metodom statisticheskogo modelirovaniia/. 23 p3985 A67-41670
- GROLIER, M.**
Surveyor I - Location and Identification. 20 p3524 A67-36649
- GROLLEAU, B.**
Evolution of the temperature and density of the electrons during their resonance at the second harmonic of the cyclotron frequency in an HF hydrogen plasma /Sur l'evolution de la temperature et de la densite des electrons lors de leur resonance sur l'harmonique 2 de la frequence cyclotronique dans un plasma d'hydrogene H.F./ 22 p3848 A67-39650
- GROMME, C. S.**
Geomagnetic polarity epochs - New data from Olduvai Gorge, Tanganyika. 11 p1788 A67-24698
- GROMOVA, T. N.**
Simpler types of crystallization OR supercooled water droplets /Prosteishie tipy kristallizatsii pereokhlazhdennykh kapel' vody/. 01 p0109 A67-11010
- GROOTENHUIS, P.**
Environmental and reliability engineering. 15 p2492 A67-29502
- GROOVER, R. E.**
Stress corrosion cracking of high strength steels and titanium alloys in chloride solutions at ambient temperature. 16 p2690 A67-31385
- GROSCH, C. B.**
Autonomous navigation based on ejection of artificial test probe. 02 p0264 A67-12311
Orientation of a rigid torque-free body by use of star transits. 13 p2154 A67-28816
- GROSCH, C. E.**
Hydrodynamic stability of a modulated shear flow. 15 p2470 A67-29332
- GROSCHEWITZ, E.**
Electronic theory relating to the emission of excited electrons and electron vacancies from a metal layer in a semiconductor /Elektronik der Emission angeregter Elektronen und Locher aus einer Metallschicht in einem Halbleiter/. 13 p2176 A67-28861
- GROSE, V. L.**
Man as a control element in space systems. 18 p2995 A67-34687
- GROSE, J.**
The significant structure and properties of liquid hydrazine and liquid diborane. 16 p2734 A67-31537
- GROSHEVA, V. M.**
Method and apparatus for the rapid determination of the thermal diffusivity of refractory materials over a wide temperature range. 10 p1621 A67-22828
- GROSS, B.**
Stress intensity factors for crackline-loaded edge-crack specimens. 11 p1875 A67-24588
- GROSS, C.**
A radiation method of improving the temperature characteristics of silicon semiconductor strain gages. 23 p4008 A67-41391
- GROSS, E. F.**
Bound excitons in Cu-doped GaAs crystals /Svlaznnyye eksitony v kristallakh GaAs s primes'iu Cu/. 12 p1984 A67-25522
Bound excitons in GaAs crystals with Cu impurity. 18 p3103 A67-34453
- GROSS, F.**
A nuclear heated thermionic converter. 09 p1451 A67-22359
- GROSS, H.**
Basic principles, methods, and objectives of reliability operations /Grundlagen, Methoden und Ziele der Zuverlaessigkeitsarbeit/. 23 p4010 A67-41320
- GROSS, J. F.**
Conditioning of digitized Tiro and ESSA satellite vidicon data. 24 p4156 A67-42431
- GROSS, R. A.**
Alfven waves and induction drag on long cylindrical satellites. [AIAA PAPER 66-478] 04 p0704 A67-14829
Thickness of a shock wave in hydrogen. 22 p3783 A67-39723
- GROSS, S.**
An improved finite-difference method for heat-transfer calculations. 11 p1883 A67-24356
Photovoltaic electric power system concepts for solar probes. 21 p3570 A67-37789
- GROSS, S. H.**
Propagation in nonuniform slightly gyrotropic media. 20 p3389 A67-37708
- GROSS, W. A.**
Gas bearings - Journal and thrust. 21 p3632 A67-38137
- GROSSER, A. E.**
Internal energy of reaction products by velocity analysis. III. 11 p1750 A67-24991
- GROSSI, M. D.**
Design of a satellite-to-satellite communications experiment to explore HF/VHF guided propagation in the lower ionosphere. [RASSA PAPER 1-10-148] 03 p0373 A67-14255
- GROSSKOPF, J.**
Turbulence and structure of the troposphere derived from propagation measurements. 14 p2264 A67-28397
- GROSSKREUTZ, J. C.**
Plastic yielding and strain distribution in filament-reinforced metals. [ASTM PAPER 8] 18 p3067 A67-34573
The effect of oxide films on dislocation-surface interactions in aluminum. 19 p3247 A67-35788
Decomposition of helical dislocations. 21 p3677 A67-38092
Microstructures at the tips of growing fatigue cracks in aluminum alloys. 24 p4170 A67-41947
- GROSSMAN, J. J.**
Thin film semiconductors. 09 p1555 A67-22111
- GROSSMAN, R. L.**
A method of showing what a radiometer "sees" during an aircraft survey. 01 p0063 A67-10327
- GROSSMANN, W., JR.**
Particle loss in a three-dimensional cusp. 08 p1361 A67-21133
- GROVALET, J.**
Methods of measurement of semiconductors' surface properties - Application to the study of M.O.S. devices and reliability. 15 p2449 A67-29810
Physical principles of the functioning of metal-oxide-semiconductor devices /Principes physiques de fonctionnement des dispositifs metal-oxide-semiconducteur/. 20 p3507 A67-36319
- GROT, R. A.**
Relativistic continuum mechanics. I. 04 p0659 A67-15795
Relativistic continuum mechanics. II. 04 p0659 A67-15796
Continuum theory of nonlinear viscoelasticity. 08 p1419 A67-20879
- GROTEN, E.**
Determination of coordinates by means of satellite observations /Koordinatenbestimmung mittels Satellitenbeobachtungen/. 23 p3994 A67-40700
- GROTH, H.**
Effects of display magnification, proprioceptive cues, control dynamics and trajectory characteristics on compensatory tracking performance. 09 p1456 A67-22372
- GROTTE, A. M.**
Phenomenon of pulse-front delay in a two-base diode /Iavlenie zaderzhki perednego fronta impul'sa v dvukhbazovom diode/. 22 p3769 A67-39572
- GROUNDS, H. K.**
Built-in testing, once a luxury, is essential for mission success. 01 p0034 A67-10272
Computers save time and missions. 01 p0034 A67-10273
Balanced-in-flight testing for manned spacecraft. [AIAA PAPER 67-949] 24 p4245 A67-43033

GROVE, A. S.

- A model for radiation damage in metal-oxide-semiconductor structures. 01 p0036 A67-10475
- Radiation-induced increase in surface recombination velocity of thermally oxidized silicon structures. 03 p0496 A67-13677
- Properties of the silicon dioxide-silicon system. 03 p0500 A67-14181
- Temperature dependence of MOS transistor characteristics below saturation. 09 p1475 A67-22204
- Effect of surface fields on the breakdown voltage of planar silicon p-n junctions. 13 p2079 A67-26873
- Effects of ionizing radiation on oxidized silicon surfaces and planar devices. 19 p3305 A67-35621

GROVE, E. L.

- Application of the Stallwood jet and DC arc to the analysis of air contamination in inert gases. 05 p0758 A67-16368

GROVES, B. R.

- Computer-generated motion pictures. 11 p1758 A67-24115

GROVES, G. V.

- Variations in upper atmosphere wind, temperature and pressure at Woomera during the night of 29/30 April 1965. 10 p1638 A67-23199
- Diurnal and semi-diurnal S-N wind components in the upper atmosphere derived from rocket measurements. 10 p1638 A67-23200
- Seasonal variations of temperature, pressure, density and winds to 80 km altitude at Woomera. 12 p1937 A67-25840

- The influence of the upper atmosphere on satellite orbits. 15 p2561 A67-30045

GROVES, R. N., JR.

- On the unsteady motion of a viscous hydromagnetic fluid contained in a cylindrical vessel. 05 p0850 A67-16134

GROW, R. W.

- Effects of gamma-irradiation on the characteristics of a ruby laser. 09 p1515 A67-22430
- Silicon and chlorine laser oscillations in SiCl sub 4. 15 p2496 A67-29178

GRUBB, W. T.

- Fuel cells. 01 p0013 A67-10554

GRUBBS, H. Y.

- Lunex II - A study on manned lunar exploration. 01 p0017 A67-11392

GRUBELASHVILI, G. A.

- Investigation of the properties of muons at a depth of 200 mwe by means of a spark calorimeter /Issledovanie iskrovym kalorimetrom svoistv mu-mezonov na glubine 200 m v.e./. 24 p4222 A67-42879

GRUBER, G. M.

- A further analysis of observations of Jupiter's decametric radio noise for the apparitions of 1960-1964. 14 p2389 A67-28838

GRUBER, M.

- On a generalization of the circle criterion. 08 p1310 A67-20338

GRUBER, R.

- The effects of flight dynamics on rotor blade antenna performance. [AHS PAPER 109] 16 p2597 A67-31825

GRUBER, S.

- Measurements of standing electrostatic waves in an inhomogeneous plasma column near electron cyclotron harmonics. 19 p3288 A67-35374

GRUBESHOVA, B. I.

- Position of the pilot's hands and feet on the cockpit controls during training on a simulator /Polozhenie konechnostei na shturvale samoleta vo vremia poteri soznaniia pri imitatsii poleta na trenazhere/. 20 p3374 A67-36264

GRUBIN, C.

- Two-impulse attitude reorientation of an asymmetric spinning vehicle. 08 p1413 A67-21510

GRUDNITSKII, V. G.

- Numerical algorithms in the method of integral correlations for calculating mixed gas flows /Algoritmy chislennykh skhem metoda integral'nykh sootnoshenii dlia rascheta smeshannykh techenii gaza/. 05 p0791 A67-16374

GRUDO, E. I.

- Expansion of the solutions of an integrodifferential equation /Razlozhenie reshenii odnogo integrodifferentsial'nogo uravneniia/. 07 p1213 A67-19173

GRUDZINSKA, S.

- The luminosity burst of the comet 1963 III /Alcock 1963b/ /Le sursaut d'eclat de la comete 1963 III /Alcock 1963b/./. 17 p2946 A67-32730
- Comment on the spectrum of comet 1963 III /Alcock 1963b/ /Une note sur le spectre de la comete 1963 III /Alcock 1963b/./. 17 p2946 A67-32731

GRUEFF, G.

- Evidence for large-scale clustering of faint radio-sources. 14 p2383 A67-27958

GRUEN, M.

- Physical research with the Cosmos satellites /Fysikalni vyzkum na družicich kosmos/. 09 p1570 A67-21654

GRUENHAGEN, G.

- The Anoka, Minnesota, iron meteorite. 23 p4069 A67-41449

GRUENINGER, G.

- Roving machine for impregnating glass fibers with synthetic resins /Strangziehmaschine zur Traenkung von Glasfaserstraengen mit Kunstharzen/. 06 p1007 A67-18023

GRUETZMACHER, M.

- Comparison of the eigenfrequencies of circular cylindrical shells calculated by various methods with the measured values /Vergleich der nach verschiedenen Verfahren berechneten Eigenfrequenzen kreiszylindrischer Schalen mit gemessenen Werten/. 01 p0162 A67-10839

GRUMAN, E. L.

- The role of spacecraft computers on advanced manned missions. 20 p3391 A67-36549

GRUN, J. B.

- Luminescence of CuCl at low temperatures excited by very high intensity light /laser/. 06 p1010 A67-17822
- Luminescence of CdS at low temperature excited by very high intensity light /laser/. 10 p1667 A67-23779
- Intensity dependence of emission lines in CdS upon excitation intensity /laser/ at very low temperature. 20 p3461 A67-37295

GRUNBERG, G.

- Recent progress in fast-acting memories /Progres recent dans les memoires rapides/. 01 p0029 A67-10663

GRUNBERGER, L.

- Pair production of plasma vortices. 03 p0486 A67-14054
- Measurement of rotational-velocity and ion-density profiles in plasma vortices. 19 p3288 A67-35361

GRUNDHAUSER, F. J.

- Recent progress in compact flash X-ray systems. 02 p0245 A67-12215
- An electron accelerator with a peak beam power of 10 super 10 watts. 04 p0599 A67-15327

GRUNDMANN, H.

- A simply supported sandwich panel with an anisotropic core and an anisotropic skin under pressure and shear stresses above the buckling limit /Die allseitig gelenkig gelagerte Sandwichplatte mit anisotropem Kern und anisotropen Deckhauteuten unter Druck- und Schubbeanspruchungen oberhalb der Beuglgrenze/. 19 p3341 A67-35575

GRUNNET, J. L.

- Pressure recovery in hypersonic engine test facilities. 13 p2089 A67-26830

GRUNTFEST, I. J.

- Thermistor analog study of dynamic shear in model viscoelastic materials. 09 p1533 A67-22152

GRUNTZ, R. D.

- A liquid-metal Rankine topping cycle. [AIAA PAPER 66-1009] 02 p0184 A67-12307
- A liquid metal Rankine topping cycle for a steam power plant. [AIAA PAPER 66-10009] 17 p2802 A67-32052

GRUNWALD, H. P.

- Small-signal current transients in insulators with traps. 20 p3509 A67-36506
- Trapping processes in amorphous selenium. 20 p3509 A67-36507

GRUSE, W. A.

- Motor Fuels-Performance and Testing. 16 p2734 A67-30998

GRUSHIN, V. V.

- Uniformly nonelliptic problems. I /O ravnomerno neellipticheskiikh zadachakh. I/. 14 p2343 A67-28503

GRUSHKO, I. I.

- Adaptive decoders. 05 p0768 A67-17401

GRUSZCZYNSKI, J. S.

- Study of equilibrium air total radiation.

- [AIAA PAPER 66-103] 08 p1426 A67-20569

GRITCHFIELD, H. B.

- Current mode second breakdown in epitaxial planar transistors. 07 p1156 A67-19897

GRUVER, W. A.

- Optimal control design via successive approximations. 16 p2648 A67-31658

GRUZA, G. V.

- Computerized weather forecasting from analysis of forecast criteria /Mashinnyi prognoz pogody s pomoshch'iu analiza prognosticheskikh priznakov/. 13 p2152 A67-27275

GRUZDEV, V. A.

- Energy balance of a stationary induced discharge. 09 p1544 A67-21854
- The geometry of electrodeless discharges induced in inert gases. 16 p2723 A67-31770

GRUZDEV, V. N.

- Flight conditions providing constant flame stabilization for a ramjet /Rezhimy poleta letatel'nogo apparata s prlamotochnym dvigatelem, obespechivaiushchie postoianstvo uslovii stabilizatsii plameni/. 04 p0691 A67-15899

GRUZDEVA, L. A.

- Investigation of VT15 alloy welds /Issledovanie svarnykh soedinenii splava VT15/. 07 p1207 A67-19290
- Effect of small boron, beryllium, and lanthanum additions on the properties of titanium alloy welds /Vliianie malykh dobavok bora, berillia i lantana na svoistva svarnykh soedinenii titanovykh splavov/. 07 p1207 A67-19291

GRYBOS, R.

- Forced parametric oscillations in a system with linear inertia /Drgania wymuszone parametrycznie w układzie z nieliniowa bezwładnością/. 05 p0916 A67-16243

GRYZZ, B.

- Plasma of combustion products of C sub 2 H sub 2 plus O sub 2. II /Plasma spalni C sub 2 H sub 2 plus O sub 2. II/. 06 p1119 A67-18723
- Electric-field intensity at the plasma-metal interface. 19 p3277 A67-35125

GRZEDZIELSKI, S.

- On the possibility of fragmentation of a pre-galaxy with large internal velocity differences. 04 p0697 A67-14806

GRZYWA, J. C.

- The laser now a production tool. 04 p0628 A67-15309

GUALTIEROTTI, T.

- Prolonged recording from single vestibular units in the frog during plane and space flight, its significance and technique. 15 p2430 A67-29281

GUARD, R. W.

- Constitution of a portion of the niobium/columbium/-nitrogen system. 14 p2337 A67-28419

GUARDABASSI, G.

- Heat exchanger transfer functions. [ASME PAPER 67-HT-5] 20 p3544 A67-36704
- Analysis of discrete Markov systems using stochastic graphs. 22 p3777 A67-39830

GUARGUAGLINI, P. F.

- A pulse compression parallel channel technique. 11 p1754 A67-24648
- Evaluation of the performance of multifrequency radar systems /Valutazione delle prestazioni di un sistema radar a diversita di frequenza/. 24 p4122 A67-42408

GUBANKOV, V. N.

- Investigation of the effect of impurities and magnetic field on the detection properties of n-InSb in the millimeter and submillimeter ranges /Issledovanie vlianiia primesel i magnitnogo polia na detektil'nykh svoistva n-InSb v millimetrovom i submillimetrovom diapazonakh/. 19 p3300 A67-34762

GUBANOV, A. I.

- Density of fluctuation levels in amorphous semiconductors /Plotnost' fluktuatsionnykh urovnii v amorfnykh poluprovodnikakh/. 13 p2172 A67-26353

- Application of attenuating electron waves in crystals to the calculation of the current across an n-p junction /Primenenie zatukhalushchikh elektronnykh voln v kristallakh k raschetu toka cherez n-p kontakt/. 13 p2172 A67-26354

- Density of fluctuation levels in amorphous semiconductors. 21 p3679 A67-38310

- Application of damped electron waves in crystals to the calculation of the current through an n-p contact. 21 p3679 A67-38311

- GUBANOVA, I. I.**
Stability and oscillations of elastic systems /Ustoichivost' i kolebania uprugikh sistem /2nd edition/. 18 p3140 A67-33674
- GUBAREV, A. V.**
Optimization of the flow and load regimes of magnetohydrodynamic generators /Optimizatsiya rezhimov tekhenia i nagruzki magnitogidrodinamicheskikh generatorov/. 01 p0011 A67-10049
- Development of a viscous anisotropically conducting fluid flow in the channel of an MHD generator /Razvitiye tekhenia viazkoi anizotropno provodiaschey zhidkosti v kanale MGD generatora/. 16 p2600 A67-30541
- Optimization of the flow and load regimes of magnetohydrodynamic generators. 17 p2804 A67-33327
- GUBAREV, V. F.**
Effect of the penetration depth of a circularly polarized magnetic field on the stability of a plasma cylinder /Vpliv glubiny proniknennia magnitnogo polia krugovoi polarizatsii na stilkist' plazmovoego tsilindra/. 22 p3846 A67-39508
- GUBBAY, J. S.**
Nine million wavelength baseline interferometer measurements of 3C 273B. 21 p3712 A67-39122
- GUBIN, S.**
A direct-to-home TV satellite system for 1970. [AIAA PAPER 66-309] 06 p1094 A67-17689
- TV network satellite systems. 06 p0961 A67-17697
- System design of a proposed direct-to-home TV satellite experiment. [AIAA PAPER 66-309] 06 p0964 A67-18414
- Direct satellite broadcast. [AAS PAPER 67-95] 15 p2570 A67-29955
- GUBONIN, N. S.**
Polarization fluctuations of the field scattered by a complex target /Fluktuatsii polarizatsii polia, rasselannogo slozhnoi tsel'iu/. 05 p0764 A67-18905
- Fluctuations of polarization of fields scattered by a complex target. 16 p2623 A67-30881
- GUBRII, V. I.**
Supercavitational cross sections with optimum characteristics /Superkavitirulushchie sechenia s optimal'nymi kharakteristikami/. 18 p3024 A67-33541
- GUBSKII, V. F.**
Vertical electron-temperature distribution according to geophysical-rocket observations in 1965 /Vysochnoe raspredelenie elektronnoi temperatury po opytam 1965 g. na geofizicheskikh raketakh/. 17 p2842 A67-32253
- GUCKEL, H.**
A parallel-plate waveguide approach to microminaturized, planar transmission lines for integrated circuits. 21 p3597 A67-38566
- GUDERLEY, G.**
An extremal principle for inviscid steady flow of a compressible medium /Ein Extremalprinzip fuer reibungsfreie stationare Stroemungen eines kompressiblen Mediums/. [ARL-66-0173] 24 p4140 A67-41807
- GUDERLEY, K. G.**
Reduction of two-point boundary value problems in a vector space to initial value problems by projection. 08 p1348 A67-21192
- GUDIENSEN, P. H.**
Comparison of an electrochemical and a colorimetric determination of ozone. 03 p0413 A67-13931
- GUDIKUNST, A. C.**
Two approximate solutions of the hypersonic blunt-body problem. 14 p2244 A67-29056
- GUDIMENKO, L. F.**
Dispersion of the refractive index of CdS sub x Se sub 1 sub minus x and CdTe single crystals in the visible and IR spectral ranges /Dispersiya pokaznikov zlomlennia monokristalliv CdS sub x Se sub 1 sub minus x ta CdTe u vidimii ta infrachernoi oblastiakh spektra/. 16 p2732 A67-31481
- GUDMUNDSON, G.**
Engine development and manufacture in Sweden. 17 p2928 A67-32123
- GUDYMENKO, B. A.**
Possible means of determining the parameters of the motion of a deformable body /O vozmozhnykh sposobakh opredeleniia parametrov dvizheniia deformiruemoego tela/. 05 p0923 A67-17183
- Equations of motion for an elastically deforming body containing a cavity partly filled with an ideal fluid /Upravneniia dvizheniia uprugodeformiruemoego tela, imelushchego polost', chastichno zapolnennuiu ideal'noi zhidkosti'iu/. 20 p3481 A67-37380
- Determination of the parameters of motion of a supporting body and of the deformation of an elastic structure /Opredeleniye parametrov dvizheniia nesushchego tela i deformatsii uprugoi konstruktsii/. 20 p3482 A67-37381
- GUDZENKO, A. I.**
Radiation patterns of arc antenna arrays. 02 p0214 A67-11906
- Range properties of the pencil-beam arrays of arc antennas /Dapazonnost' ostronapravlennykh dugovykh antennykh reshetok/. 13 p2080 A67-27027
- Discrete recording of radiation patterns of antenna arrays /O diskretnoi zapisi diagrammy napravlenosti antennoi reshetki/. 13 p2080 A67-27035
- GUDZENKO, L. I.**
Cooling free plasma electrons /Ob okhlazhdenii svobodnykh elektronov plazmy/. 01 p0122 A67-10346
- Rapidly recombining plasma jets /Uskorenno rekombinirovushchaya plazmennaya struia/. 03 p0486 A67-14195
- Stimulated emission during decay of an infinitely ionized plasma /Ob usilenii izlucheniia pri raspade predel'no ionizovannoi plazmy/. 05 p0855 A67-16998
- Analysis of an inaccessible synchronized self-oscillatory object. 08 p1302 A67-20829
- Cooling of free electrons in a plasma. 11 p1843 A67-25019
- Rapid recombination of plasma jets. 14 p2360 A67-28540
- Hydrogen level population in impulsively recombining plasma /Naseleennosti urovnei vodoroda v impul'sno rekombinirovushchey plazme/. 15 p2529 A67-29713
- Application of highly ionized plasma to laser construction. 16 p2686 A67-31576
- Amplification in a decaying plasma. 16 p2723 A67-31577
- Is a quasar nucleus a star cluster or a single body/ques/. 20 p3521 A67-36297
- Number of degrees of freedom in the inverse problem of oscillation theory. I /Chislo stepenei svobody v obratnoi zadache teorii kolebaniy. I/. 22 p3836 A67-39775
- GUEDRY, F. E.**
Evidence for semicircular canal excitation by rotation of a linear acceleration vector. 23 p3952 A67-41576
- GUEKOS, G.**
Comparative reliability tests on silicon-planar-switching transistors of European and U.S. manufacture. 15 p2453 A67-30064
- Delay time between the current pulse and the light emission of GaAs laser diodes. 17 p2824 A67-32316
- GUENDEL, H.**
Continuous spectrum of the 1-atm argon arc in the spectral range from 1700 to 5000 angstrom units /Das kontinuierliche Spektrum des 1-atm-Argonbogens im Spektralbereich 2700-5000 angstrom units/. 18 p3089 A67-34299
- GUENOK, E. P.**
Peculiarities of polarization of barium titanate single crystals with a double hysteresis loop. 03 p0497 A67-13700
- GUENTHER, A. H.**
Performance of a vibrational H sub 2 - Stokes oscillator. 02 p0253 A67-12516
- A laser-triggered 50 pps high-voltage switch with nanosecond jitter. 22 p3813 A67-39258
- Ultrasonic studies of 1080 and 8081-T6 aluminum. 23 p4021 A67-41469
- GUENTHER, G.**
Homogeneous elastic stresses in evaporated gallium films /Homogene elastische Spannungen an aufgedampften Galliumfilmen/. 02 p0287 A67-11718
- GUENTHER, R.**
Representation theorems for linear second-order parabolic partial differential equations. 12 p1961 A67-28061
- GUERGEOEZE, I.**
The effect of rotation on the finite elastic deformations. 20 p3542 A67-37680
- GUERNSEY, R. L.**
On the asymptotic kinetic equation for inhomogeneous plasmas. 06 p1042 A67-18572
- GUERRA, C. N.**
On the nature of mixed cultures of *Chlorella pyrenoidosa* TX 71105 and various bacteria. 10 p1588 A67-23626
- GUERS, K.**
High-power solid-state CW laser employing 3-in. ruby crystals /Kontinuierlicher Hochleistungsfestkoerperlaser unter Verwendung von Drei-Zoll-Rubinkristallen/. 01 p0088 A67-10244
- Continuous-wave solid-state lasers. 14 p2330 A67-28470
- Modulation and mode locking of the continuous ruby laser. 15 p2499 A67-29729
- GUESS, A. L.**
System concept effectiveness. [SAE PAPER 660728] 01 p0169 A67-10628
- GUEST, G. E.**
Cold-plasma effects in finite-length plasmas. 02 p0275 A67-12554
- GUETHS, J. E.**
Superconducting-and normal-state thermal conductivity of impure tin. 10 p1687 A67-22761
- GUEZ, R.**
Statistical study of geomagnetic activity /Etude statistique de l'activite geomagnetique/. 04 p0613 A67-14897
- GUFFROY, D.**
Calculation of the local convection coefficient along the stop line of a side-slipping solid of revolution - Hypersonic flows, laminar boundary layer /Sur le calcul de coefficient de convection local le long de la ligne d'arret d'un corps de revolution en derapage - Ecoulements hypersoniques, couche limite laminaire/. 02 p0178 A67-12061
- GUGGENHEIM, A.**
Cost effectiveness comparison of defense communications satellite systems. 06 p0960 A67-17677
- GUGGENHEIM, H. J.**
Infrared optical properties of vanadium dioxide above and below the transition temperature. 05 p0860 A67-16380
- GUHA, D.**
A note on geomagnetic activity and sporadic E. 17 p2844 A67-32546
- GUHA, S.**
Hot carrier Hall mobility and magnetoresistance in n-type germanium for intermediate carrier concentration. 16 p2731 A67-31172
- GUIBERGIA, J.-P.**
Pressure and density of the heat flux at the surface of a pointed or blunt-nosed obstacle situated in the divergent truncated cone of a hypersonic nozzle /Pression et densite de flux de chaleur a la surface d'un obstacle a pointe vive ou emoussee, place dans le divergent tronconique d'une tuyere hypersonique/. 01 p0005 A67-10258
- Influence of the sphericity of a free hypersonic flow on the distribution of the pressure and heat flux at the surface of slender bodies of revolution /Influence de la sphericite d'un ecoulement libre hypersonique sur la distribution de la pression et du flux de chaleur a la surface de corps de revolution elances/. 16 p2594 A67-31468
- Effects of the angle of incidence on the wall heat flux in the plane of symmetry of a cone of revolution in the hypersonic regime /Effets de l'incidence sur le flux de chaleur parietal dans le plan de symetrie d'un cone de revolution en regime hypersonique/. 24 p4092 A67-42660
- GUICHET, M.**
Automatic ground check-out equipment for boosters /Equipements de controle automatique au sol des lanceurs/. 21 p3608 A67-38203
- GUICHET, P.**
Analytical study of non-linear sampled-data systems. 08 p1312 A67-20755
- GUIDOBONI, R. J.**
Determination of nitrogen, oxygen, and hydrogen by spark-source mass spectrography. 15 p2433 A67-29403
- GUIDOTTI, J.**
Development of an Altair IA igniter containing a nonelectric stimulus transfer system. 08 p1372 A67-20525
- GUIENNE, P.**
Berlin-type air cushion vehicles and their applications /Les aeroglisseurs Berlin et leurs applications/. 03 p0358 A67-12977
- GUIER, W. H.**
Satellite navigation using integral Doppler data - The AN/SRN-9 equipment. 05 p0839 A67-17389
- Geodetic problems and satellite

- orbits. 06 p1080 A67-17769
Data and orbit analysis in support of the U.S. Navy satellite Doppler system. 18 p3003 A67-34245
- GUILE, A. E.
Column effects in the interaction of arcs with transverse magnetic fields. 19 p3281 A67-35152
- GUILINO, E.
Single-ended operation of a Q-device. 11 p1833 A67-24368
Effects related to ion cooling in a Q-device. 11 p1833 A67-24371
Ion cooling in a Q-device. 16 p2720 A67-31244
The influence of probe losses on the ion density of a thermal cesium plasma in a magnetic field. 19 p3296 A67-35589
- GUILLEARD, C.
Experimental study of conductivity induced by electronic bombardment, and its application to memory tubes /Etude experimentale de la conductibilite induite par bombardement electronique et application aux tubes a memoire/. 03 p0387 A67-14092
- GUILLAUME, C. B. A. LA
Laser action in CdS by electron bombardment /Effet laser dans le CdS par bombardement electronique/. 03 p0433 A67-12812
- GUILLAUME, R.
Pressure and density of a heat flux convected on a sharp-pointed cone placed in incidence /Pression et densite de flux de chaleur convectee sur un cone a pointe vive place en incidence/. 02 p0177 A67-11499
- GUILLEN-PRECKLER, A.
Plastic shear flow in asymmetrically notched specimens. 16 p2770 A67-31293
- GUILLON, J. P.
Atomic clock /L'horloge atomique/. 07 p1186 A67-19527
- GUILLON, M.
Force /or torque/ electrohydraulic servo controls /L'asservissement electrohydraulique en force /ou en couple/. 07 p1132 A67-20113
- GUILLOTTE, R. J.
The effects of shear deformation and rotary inertia on modal data of a nonuniform beam. 08 p1416 A67-20533
- GUILLOU, M.
Application of electrochemical methods to the study of MHD electrodes /Application des methodes electrochimiques a l'etude des electrodes M.H.D./. 08 p1284 A67-20704
- GUINET, M. Y.
Test-signal techniques and the monitoring or measurement of video characteristics of the ORTF network /La technique des signaux test et le controle ou la mesure des caracteristiques video du reseau de l'ORTF/. 22 p3796 A67-39233
- GUIRAUD-VALLEE, D.
Numerical calculation of wings in steady or unsteady supersonic flow. I /Calcul numerique des ailes en regime supersonique stationnaire ou instationnaire. I/. 08 p1278 A67-20800
Numerical calculation of wings in steady or unsteady supersonic flow. II. 10 p1590 A67-22879
- GUIRAUD, J.-P.
Kinetic theory and rarefied gas dynamics. [ONERA-TP-379] 01 p0054 A67-11092
Shock conditions and the structure of shock waves in a nonstationary flow of a dissipative fluid /Conditions de choc et structure des ondes de choc dans un ecoulement non stationnaire de fluide dissipatif/. 06 p0990 A67-18726
Kinetic theory and rarefied gas dynamics. 13 p2099 A67-26951
- GUITERAS, J. J.
A parachute recovery system dynamic analysis. [AIAA PAPER 66-25] 08 p1413 A67-21513
- GUITVAN, E. I.
Use of the Fabry-Perot interferometer in the determination of the instrumental function of a spectrographic device /Vikoristannia interferometra Fabri-Pero dlia viznachennia aparatnoi funktsii spektral'nogo priladu/. 02 p0246 A67-12479
- GUHMAN, A. A.
Application of similarity theory to the investigation of heat-and mass-transfer processes /Primenenie teorii podobila k issledovaniiu protsessov tepломассообмена/. 17 p2970 A67-32464

- GULA, W. P.
The distribution of neutral atoms and charge-exchange ions downstream of an ion thruster. [AIAA PAPER 67-82] 06 p1075 A67-18498
Ion extractor system design. 06 p1075 A67-18877
- GULATI, S. T.
Effects of anisotropy in axisymmetric cylindrical shells. [ASME PAPER 67-APM-28] 17 p2965 A67-33155
- GULATSI, R. L.
Utilization of S-10 and S-20 image orthicon systems for radiometric measurements. 20 p3452 A67-37311
- GULEMI, A. V.
Theory of whistler diagnosis of plasma concentration in the exosphere. 13 p2111 A67-26563
Characteristic of the dispersion of proton whistlers discovered by the Junjun 3 and Alouette 1 satellites /Osobennost' dispersii protonnykh svistov, obnaryzhenykh na sputnikakh "Inzhun-3" i "Alvett-1"/. 14 p2379 A67-27933
Theory of hydromagnetic probing of plasma concentration in the exosphere /Teoriia gidromagnitnogo zondirovaniia kontsentratsii plazmy v ekzosfere/. 16 p2688 A67-31890
Application of the rapid variations of the earth's electromagnetic field to the diagnostics of the state of the magnetosphere /Ispol'zovanie bystrykh variatsii elektromagnitnogo polia zemli dlia diagnostiki sostoiianiia magnitosfery/. 17 p2846 A67-32937
Hydromagnetic probing of the plasma concentration in the exosphere /Gidromagnitnoe zondirovanie kontsentratsii plazmy v ekzosfere/. 17 p2846 A67-32940
Nature of hydromagnetic whistlers /O prirode gidromagnitnykh svistov/. 18 p3042 A67-34390
- GULENKO, V. P.
Finite-difference method in optimal-control problems /Konechno-raznostnyi metod v zadachakh optimal'nogo upravleniia/. 19 p3202 A67-35886
- GULIAEV, A. P.
Effect of nickel on the mechanical properties and the cold shortness threshold of low-carbon steel /Vliianie nikella na mekhanicheskie svoistva i porog khladnolomkoski nizkouglerodistoi stali/. 04 p0636 A67-14750
Mechanical properties of refractory metals /Mekhanicheskie svoistva tugoplavkikh metallov/. 05 p0831 A67-17502
Effect of nickel on the mechanical properties and cold brittleness threshold of low-carbon steel. 18 p3066 A67-34408
Mechanical properties of refractory metals. 21 p3644 A67-38029
- GULIAEV, I. U. V.
Ultrasonic wave amplification in a laminar piezoelectric dielectric/semiconductor structure /Usilenie ul'trazvukovykh voln v sloistoi strukture p'ezoelektricheskii dielektrik-poluprovodnik/. 15 p2542 A67-30245
Feasibility of negative differential conductivity /NDC/ connected with amplification of sound in a semiconductor in the presence of traps. 21 p3678 A67-38097
Negative differential conductivity in a semiconductor under sound instability conditions. 21 p3681 A67-38352
- GULIAEV, R. A.
Ionization of neutral atoms by electron impact /Ionizatsiia neutral'nykh atomov elektronnyim udarom/. 02 p0269 A67-12486
Ionization of neutral atoms by electron impact. 10 p1682 A67-23354
- GULIAEVA, A. S.
Lifetime of excess charge carriers in InSb single crystals containing Ge and Au impurities. 08 p1367 A67-20414
- GULIAN, E.
A threshold detecting "G" limiter. 12 p1943 A67-25719
- GULKANIAN, N. O.
Torsion of a half-sphere /Kruchenie polusfery/. 05 p0919 A67-16584
- GULKIS, S.
Radio rotation period of Jupiter. 01 p0146 A67-10294
Lunar occultation studies of five weak radio sources of small angular size. 17 p2943 A67-32634

- GULKO, F. B.
Solution of nonstationary filter-discrimination and prediction problems in the presence of arbitrary noise by analog techniques /Reshenie nestatsionarnykh zadach fil'tratsii i uprezhdeniia pri proizvol'noi pomekhe metodami modelirovaniia/. 03 p0392 A67-13599
Solution of unsteady-state problems of filtration and prediction by means of simulation methods. 05 p0782 A67-16262
Simulation methods for solving nonstationary filtering and prediction problems with arbitrary noise. 14 p2290 A67-27845
- GULLBERG, K.
Carbon dioxide laser hazards to the eye. 20 p3375 A67-37276
- GULLON, E.
Observation of the solar eclipse of May 20, 1966 /Observacion del eclipse de sol del 20 de Mayo de 1966/. 22 p3888 A67-40200
- GUM, D. R.
Trends in digital flight simulation for training. 17 p2833 A67-32489
- GUMAN, W. J.
Electric propulsion activities outside of the United States. [AIAA PAPER 67-53] 06 p1075 A67-18494
Electric propulsion activities outside of the United States. [AIAA PAPER 67-53] 24 p4208 A67-42902
- GUMENIUK, V. S.
Experimental determination of critical loads for a cylindrical shell of glass-fiber-reinforced resin /Eksperimental'noe opredelenie kriticheskikh sil stekloplastikovoi tsilindricheskoi obolochki/. 12 p2031 A67-25959
- GUMENNYI, V. A.
Study of the radiation resistance of silicon photoconverters - From the results of the Elektron 3 satellite experiment /Issledovanie radiatsionnoi stolkostoi kremnievykh fotoprebrazovatelei - Po dannym eksperimenta na ISZ "Elektron-3"/. 02 p0240 A67-11543
Investigations into the radiation stability of silicon photoconverters /from the experimental data obtained on the artificial earth satellite "Elektron-3"/. 16 p2677 A67-31609
- GUMENNYI, V. N.
Experimental study of the one-dimensional array of rectangular waveguides /Eksperimental'noe issledovanie odnomernoi reshetki priamougol'nykh volnovodov/. 13 p2069 A67-27032
- GUMMEL, H. K.
Avalanche region of IMPATT diodes. 05 p0777 A67-17319
Hole-electron product of pn junctions. 09 p1553 A67-21946
Depletion-layer capacitance of p super plus n step junctions. 20 p3504 A67-36167
- GUMOWSKI, I.
Caratheodory equivalent formulation relative to a variational problem /Sur la formulation equivalente de Caratheodory relative a un probleme variationnel/. 09 p1483 A67-22596
Stability in the presence of a small delay /Sur la stabilite en presence d'un petit retard/. 19 p3205 A67-35912
- GUMPEL, C. S.
The fixed service tower as a means for launch vehicle buildup and servicing. [SAE PAPER 660705] 01 p0050 A67-10598
- GUNCHEV, L. A.
Designing approximately optimum high-order control systems with the aid of simple equivalent control functions /O postroenii priblizhenno-optimal'nykh sistem upravleniia vysokogo poriadka pri pomoshchi prostykh ekvivalentnykh funktsii upravleniia/. 10 p1621 A67-23850
- GUNCHEL, T. L., II
Considerations in the design of a guidance and control system for advanced interplanetary missions. 02 p0265 A67-12381
Guidance and control of reentry and aerospace vehicles. 06 p1028 A67-17922
Fixed-point simulation of onboard orbit determination. 17 p2881 A67-32056
- GUNDERMANN, E. J.
Interplanetary scintillations. II. Angular diameter of 3C 279 from interplanetary scintillations. 14 p2389 A67-28843
- GUNDERSEN, R. M.
Thermally driven nonlinear oscillations in

- one-dimensional magnetohydrodynamic flow. 02 p0273 A67-12058
- Steady two-dimensional magnetohydrodynamic flow. 06 p1040 A67-18115
- Nonisentropic two-dimensional MHD flow. II. 08 p1357 A67-20593
- Self-sustained thermally driven nonlinear oscillations in one-dimensional magnetohydrodynamic flow. 08 p1359 A67-20980
- GUNDERSON, C. O.
Cabin noise reduction in the DC-9. [AIAA PAPER 67-401] 15 p2421 A67-30368
- GUNDLACH, K. H.
The effect of the E/k/-relation on tunneling through asymmetric barriers. 20 p3508 A67-36425
- GUNDLACH, K. H.
Method for determining the metal/metal-oxide work function from tunnel-current measurements at sandwich films /Eine Methode zur Bestimmung der Austrittsarbeit Metall-Metalloxyd aus Tunnelstrommessungen an Sandwichschichten/. 02 p0295 A67-11784
- GUNKEL, R. J.
A manned orbital research laboratory /MORL/ - Design and utilization. 08 p1414 A67-21545
- Impact of performance improvements and reuse on the cost of space transportation. [AAS PAPER 67-130] 15 p2570 A67-29966
- The development of a manned orbital research laboratory /MORL/ and its system utilization potential. 16 p2756 A67-30623
- GUNN, J. B.
Electronic transport properties relevant to instabilities in GaAs. 06 p1066 A67-18959
- Metal-semiconductor contacts for GaAs bulk effect devices. 13 p2183 A67-27587
- Hall effect of n-type GaAs in high electric fields. 16 p2731 A67-31449
- GUNN, J. E.
Surveyor 1 observations of the solar corona. 08 p1386 A67-20943
- A fundamental limitation on the accuracy of angular measurements in observational cosmology. 08 p1398 A67-21232
- GUNN, M. W.
Wave propagation in rectangular waveguide containing a semiconducting film. 07 p1146 A67-20202
- GUNN, S. V.
Feed systems and nozzles for Phoebus reactor experiments. [AIAA PAPER 67-478] 18 p3077 A67-34402
- GUNNE, KH. E.
A test of the hermetic seal of semiconductor devices by radioactive xenon-133 gas /Proverka germetichnosti poluprovodnikovyykh priborov radioaktivnym gazom ksenon-133/. 14 p2324 A67-28280
- GUNTER, E. J., JR.
The influence of internal friction on the stability of high speed rotors. [ASME PAPER 67-VIBR-14] 11 p1795 A67-24174
- GUNTER, T. E.
Electron paramagnetic resonance studies of the radiolysis of H sub 2 O in the solid state. 17 p2890 A67-33258
- GUNTER, W. D., JR.
Increased ultraviolet sensitivity in the sodium salicylate-photomultiplier combination. 07 p1185 A67-19405
- Spectral dependence of deep-space communications capability. 22 p3784 A67-40558
- GUO, Z.-R.
On the problem of approximation of a continuous function by linear means of its Fourier series. 03 p0462 A67-14108
- GUPALO, IU. P.
Plane problem of pseudofluidization /Ploskala zadacha psevdoozhizheniya/. 22 p3916 A67-39392
- GUPTA, A. K.
On the specific heat anomaly in superconducting lead. 04 p0676 A67-14934
- GUPTA, A. S.
On some axisymmetric stability problems of hydromagnetics. 03 p0403 A67-13732
- Circulatory flow of a conducting liquid about a porous, rotating cylinder in a radial magnetic field. 06 p1046 A67-18891
- GUPTA, J. C.
Lunar geomagnetic variations. 03 p0508 A67-12849
- Relative importance of solar radiation and gravitational tide in causing geomagnetic variations. 11 p1785 A67-23938
- Numerical computation of the solar radiation falling at the top of the atmosphere. 15 p2477 A67-29628
- A study of Schmidt's phenomenon in the S-current system and in the 10.7 cm radio noise flux. 19 p3221 A67-35432
- Lunar variations in auroral zone. 20 p3521 A67-36298
- GUPTA, K. D.
A combined focusing X-ray diffractometer and nondispersive X-ray spectrometer for lunar and planetary analysis. 01 p0067 A67-10689
- GUPTA, K. K.
Bilinear reflection of a double-frequency laser beam from a superconductor. 14 p2371 A67-28722
- GUPTA, R. K.
Radiation from linear resonant antenna in weakly ionized plasma. 07 p1227 A67-19428
- GUPTA, S. C.
Reciprocal time domain analysis of distributed networks. 08 p1310 A67-20340
- Transport coefficients of binary gas mixtures. 21 p3733 A67-39064
- The use of Legendre polynomial expansions in solving optimal control problems in the space 1 super 2. 23 p3983 A67-40647
- GUPTA, S. N.
Electromagnetic interaction of the Bargmann-Wigner field with spin 1/2. 20 p3489 A67-37090
- GURA, I. A.
State variable approach to linear systems. 24 p4179 A67-42933
- GURETSKII, V. V.
A problem of optimum control. 03 p0392 A67-13628
- GUREV, A. V.
The boundary between elastic and plastic deformation in steel. 07 p1210 A67-20011
- GUREVICH, A. G.
Excitation of magnetoelastic waves. 16 p2733 A67-31733
- GUREVICH, A. V.
Scattering of radio waves in the wake of a body moving through plasma /O rasselanii radiovoln na slede dvizhushchegosia v plazme tela/. 02 p0192 A67-11657
- Spreading and shape of inhomogeneities in a plasma. 07 p1250 A67-19810
- On the Coulombic interaction influence upon the electron distribution in the radiation belts at low altitudes in the magnetic anomaly region. 10 p1702 A67-23299
- Effect of radio waves on the ionospheric F-layer /Vozdeistvie radiovoln na ionosferu v oblasti F-sloia/. 14 p2307 A67-27923
- The motion and dispersion of an inhomogeneity in a plasma /Dvizhenie i rasplyvanie neodnorodnostei v plazme/. 14 p2359 A67-28504
- Scattering of radio waves on the trail of a body moving in plasma. 16 p2624 A67-31072
- Diffusion of discontinuities propagating in a plasma situated in a magnetic field /Ionosphere/ /Rasplyvanie dvizhushchikhsia neodnorodnostei v plazme, nakhodiaschiesia v magnitnom pole /ionosfere//. 21 p3621 A67-39020
- GUREVICH, B. IA.
Flow of an electrically conducting fluid past a flat plate in a transverse magnetic field /Obtekanie ploskoi plastyiny elektroprovodiaschey zhidkosti'iu v poperechnom magnitnom pole/. 06 p1043 A67-18677
- GUREVICH, B. M.
Construction of increasing partitions for special flows. 04 p0644 A67-14756
- GUREVICH, G. L.
Electromagnetic beam propagation in gyrotropic media. 02 p0192 A67-11641
- Combination processes in distributed traveling wave systems /Kombinatsionnye protsessy v raspredeennykh sistemakh begushchey volny/. 05 p0782 A67-16355
- GUREVICH, IU. G.
Nonlinear theory of wave propagation in semiconductors. 10 p1694 A67-23592
- GUREVICH, L. E.
Excitation of oscillations in semiconductors in the presence of a large current-density inhomogeneity /Vozbuzhdenie kolebaniy v poluprovodnikakh pri sil'noi neodnorodnosti plotnosti toka/. 03 p0489 A67-13147
- Theory of second sound in semiconductors /K teorii vtorogo zvuka v
- poluprovodnikakh/. 03 p0490 A67-13152
- Nonlinear theory of thermomagnetic waves. 09 p1545 A67-22072
- Excitation of oscillations in semiconductors in the case of strong inhomogeneity of the current density. 10 p1689 A67-23096
- Theory of the second sound in semiconductors. 10 p1690 A67-23101
- Electrical conductivity of semiconductors at low temperatures in a strong electric field and the effect of a magnetic field on the conductivity /Elektroprovodnost' poluprovodnikov pri nizkikh temperaturakh v sil'nom elektricheskom pole i vliyanie na nee magnitnogo polia/. 15 p2542 A67-30248
- Influence of inhomogeneous hydrodynamic motion and thermal particle velocities on the propagation of magnetohydrodynamic waves /Vliyanie neodnorodnogo gidrodinamicheskogo dvizheniya i teplovykh skorostei chastits na rasprostraneniye magnitogidrodinamicheskikh voln/. 18 p3086 A67-34034
- GUREVICH, M. A.
Preparation of titanium silicides by simultaneous reduction with hydrogen of titanium and silicon tetrachlorides /K voprosu o poluchenii silitsidov titana sovmeystnym vosstanovleniem tetrakhloridov titana i kremniia vodorodom/. 01 p0093 A67-10292
- GUREVICH, S. M.
Method for obtaining high-strength titanium welds without hardening by heat treatment /Puti polucheniia vysokoprechnykh titanovykh shvov bez uprochnialushchey termicheskoi obrabotki/. 07 p1190 A67-19295
- GUREVICH, V. B.
Astronomical determination of position on the moon. 18 p3120 A67-33864
- GUREVICH, V. E.
Energy spectra and correlation characteristics of a PCM signal. 16 p2620 A67-30478
- GURFINK, M. M.
Effect of a longitudinal magnetic field on a flow in a tube /O vliianii prodol'nogo magnitnogo polia na techenie v trube/. 18 p3028 A67-34215
- GURIAN, IU. A.
An experiment to test the hypothesis of the antimatter nature of meteoric swarms. 23 p4069 A67-41689
- GURIANKIN, V. A.
System for rupturing diaphragms in a single-pulse shock tube /Sistema razryva membran dlia odnimpul'snoi udarnoi truby/. 13 p2090 A67-27060
- GURIANOV, N. G.
Experimental investigation of the resistance of cylindrical shells to the effects of local forces /Eksperimental'noe issledovanie prochnosti tsilindricheskikh obolochek pri lokal'nykh silovnykh vozddeistviakh/. 12 p2024 A67-25601
- GURIN, A. I.
Stability of motion of an unbalanced gyroscope on a rotating platform. 04 p0620 A67-14790
- GURIN, L. S.
Probability of interval overlap by a system of random intervals. 20 p3477 A67-37036
- GURIN, V. N.
Interaction between elements in the periodic table. 20 p3490 A67-37587
- GURMAN, B. S.
Integrated cockpit research - A new look at the total aircraft system. 08 p1350 A67-20666
- GURMAN, V. I.
Structure of optimum regimes for the motion of rockets in a homogeneous gravitational field /Struktura optimal'nykh rezhimov dvizheniya raket v odnorodnom gravitatsionnom pole/. 05 p0904 A67-16049
- Optimal transitions between coplanar elliptic orbits in a central field. 07 p1247 A67-19095
- Optimality of special arcs of rocket motion in a central field. 14 p2382 A67-27850
- Structure of optimal modes of motion in a uniform gravitational field. 21 p3701 A67-37836
- Investigation concerning the optimization of controlled processes /Issledovaniia po optimizatsii upravlaemykh protsessov/. 22 p3778 A67-40446
- GURNETT, D. A.
A satellite study of VLF

- hiss. 04 p0614 A67-14958
Hook whistler - A new equatorial whistler
observed by Injun 3. 05 p0799 A67-18888
- GURO, G. M.
Semiconducting properties of
ferroelectrics. 08 p1367 A67-20314
- GUROV, A. E.
Antenna with a limited excitation region
/Antennas s ogranichennoi oblast'iu
vozbuzhdeniia/. 04 p0583 A67-15148
Antenna with a limited excitation
region. 15 p2443 A67-29335
- GUROV, A. F.
Calculations of strength and vibrations of
rocket engines /Raschety na prochnost' i
kolebaniia v raketnykh
dvigatelakh/. 11 p1852 A67-24512
Orthogonal iteration /Ortogonal'nala
iteratsiia/. 22 p3916 A67-40454
- GUROV, V. M.
Pinch-discharge source of ionized
plasmoids for aerophysical investigations at
high pressures /Pinchevii istochnik
ionizirovannykh sgustkov dlia
aerofizicheskikh issledovanii pri vysokikh
davleniiakh/. 21 p3675 A67-38912
- GUROVSKII, N. N.
A study of the states of activity of a
group of subjects contained in conditions of
relative isolation /Izuchenie rezhimov
zhiznedatel'nosti grupy ispytatelei,
nakhodiaschikhsia v usloviakh otosnoi'noi
izolatsii/. 16 p2613 A67-30912
Sensor-motor coordination of man during
weightlessness /K voprosu o sensorno-
motornoi koordinatsii cheloveka v usloviakh
nevesomosti/. 20 p3368 A67-36263
- GUROVSKY, N.
Biological satellite
research. 07 p1136 A67-19867
- GURR, S.
Application of the difference method to
linear and nonlinear second-order boundary-
value problems /Beitrag zur Anwendung des
Differenzenverfahrens bei linearen und
nichtlinearen Randwertaufgaben zweiter
Ordnung/. 07 p1216 A67-19628
- GURSHTEIN, A. A.
Current problems of lunar surface
morphology /Tekushchie problemy morfologii
poverkhnosti lunny/. 05 p0887 A67-18059
Current problems in the morphology of
the lunar surface. 21 p3701 A67-37846
- GURSKI, R. J.
Static and dynamic modeling of a
pressure-controlled subsonic fluid-jet
modulator. 14 p2248 A67-28271
- GURSKY, H.
The identification of the X-ray source in
Scorpius. 01 p0151 A67-10963
A measurement of the location of the X-
ray source SCO X-1. 02 p0308 A67-11771
On the optical identification of Sco
X-1. 02 p0324 A67-11772
The location and spectra of cosmic X-ray
sources. 12 p1995 A67-25761
The size and position of the X-ray source
in the Crab Nebula. 13 p2189 A67-26263
An X-ray survey of the Cygnus
region. 17 p2937 A67-32648
On the optical search for the X-ray
sources Cyg X-1 and Cyg
X-2. 17 p2937 A67-32649
- GURTIN, M. E.
On the Clausius-Duhem
inequality. 01 p0167 A67-10798
Thermodynamics and
propagation. 03 p0536 A67-13659
Waves in materials
with memory. 06 p1099 A67-17834
Acceleration waves in nonlinear
materials. 11 p1875 A67-24572
On the thermodynamics of elastic
materials. 13 p2224 A67-27145
Thermodynamics with internal state
variables. 20 p3555 A67-37563
Growth and decay of discontinuities in
fluids with internal state
variables. 21 p3610 A67-37739
An axiomatic foundation for continuum
thermodynamics. 22 p3918 A67-39741
- GURTOVENKO, E. A.
Computer correction of line profiles for
instrumental error. 04 p0624 A67-15564
A peculiar sodium
"flare" on the
sun. 17 p2939 A67-33396
- GURURAJA, H. V.
Mean square error versus parameter
curves for model reference adaptive systems
with sinusoidal input. 04 p0591 A67-14421
Design of non-linear multivariable control
systems. 06 p0978 A67-18720
- GURVICH, A. S.
Strong fluctuations in the intensity of
light propagated through the atmosphere
close to the earth. 02 p0236 A67-11640
Oscillation of the image of an artificial
source of light in the near-earth atmospheric
layer /Drozhanie izobrazheniia
iskusstvennogo istochnika sveta v prizemnom
sloe atmosfery/. 02 p0238 A67-11987
Probability distribution of the square of
velocity difference in turbulent flow /O
raspredelenii veroliatnostei kvadrata raznosti
skorosti v turbulentnom
potoke/. 03 p0463 A67-14228
Determining the microscale of turbulence
from light intensity fluctuations. 07 p1220 A67-20003
Absorption and black-body temperature
variations of the
atmosphere. 11 p1785 A67-23956
Probability distribution of the square of
the velocity differential in a turbulent
flow. 12 p1963 A67-25484
Probability distribution of the square of
the temperature difference between two
points of a turbulent
flow. 18 p3026 A67-33757
Determination of the temperature of the
underlying surface by measuring the
outgoing radiation at 8 to 12 mu aboard an
aircraft /Ob opredelenii temperatury
podstilashechel poverkhnosti po izmereniiu
okhodiashechel radiatsii v diapazone 8-12
mkm s samoleta/. 18 p3040 A67-34001
- GURVICH, D. B.
Determination of the magnetic field of
spreading currents in media separated by
the surface of a spheroid /Opredelenie
magnitnogo polia tokov rastekaniia v
sredakh, razdelennykh poverkhnost'iu
sferoida/. 18 p3079 A67-34035
- GURVICH, G. I.
Mechanism of the development of
responses and adaptation to hypoxia /K
mekhanizmu formirovaniia otvetnykh reakttsii
na glpoksiiu i prispособlenie k
nei/. 20 p3367 A67-36255
Brain hemodynamics during prolonged
hypokinesia /Gemodinamika golovnogo mozga
v protsesse dlitel'noi
glpokinezii/. 20 p3368 A67-36266
Changing of the psychophysiological state
of the organism by autogenous and
exogenous suggestion /Izmenenie
psikhofiziologicheskogo sostoiianiia organizma
putem autogennogo i ekzogennogo
vnusheniia/. 24 p4112 A67-41855
- GURVICH, I. U. A.
Anisotropic electron scattering in Si
/Anizotropnoe rasselanie elektronov v
Si/. 10 p1695 A67-23664
Anisotropic scattering of electrons in
Si. 17 p2924 A67-33345
- GURVICH, L. V.
Composition and thermodynamic
properties of the combustion products from
methane burned with ionizing admixtures
/Sostav i termodinamicheskie svoistva
produktov sgoraniia metana s
ioniziruiushchimi
dobavkami/. 01 p0139 A67-10046
Composition and thermodynamic
properties of combustion products of
methane with ionizing
additions. 17 p2927 A67-33324
- GURVICH, O. S.
High-temperature Materials
/Vysokotemperaturnye
Materialy/. 21 p3645 A67-38600
- GURZADIAN, G. A.
Powerful X-ray flare on the sun
/Moschnaia rentgenovskaia vspyska na
solntse/. 02 p0308 A67-11974
Lyman-alpha chamber for solar
photography /Laiman al'fa kamera dlia
fotografirovaniia solntsa/. 11 p1793 A67-24862
Lithium content of T Tauri stars and
cosmic rays /O soderzhanii litia v zvezdakh
tipa T tel'tsa i v kosmicheskikh
luchakh/. 24 p4227 A67-42161
- GUSACHENKO, L. K.
Problem of the unstable speed of
combustion of ballistite powders /K zadache
o nestatsionarnoi skorosti goreniiia
ballistitnykh porokhov/. 03 p0535 A67-13120
- GUSAKOV, N. I.
Measuring the specific resistance of plates
and epitaxial layers by the opposing probe
method. 11 p1792 A67-24813
- GUSAREV, B. G.
Transformation of human waste products
and the biocomplex to maintain a life cycle
in small closed spaces /O transformatsii
produktov zhiznedatel'nosti cheloveka i
biokompleksa pri osushchestvlenii
krugovorota veshchestv v malykh
zamknytykh
prostranstvakh/. 02 p0187 A67-12326
- GUSATINSKII, A. N.
X-ray K spectra of phosphorus absorption
and emission in semiconductor compounds of
type A super III B super V /Rentgenovskie
K-spektry pogloshcheniia i emissii fosfora v
poluprovodnikovykh soedineniiakh tipa A
super III B super V/. 18 p3095 A67-33440
X-ray L sub III -absorption spectra of In
and Sb in semiconductor and certain other
compounds /Rentgenovskie L sub III -
spektry pogloshcheniia In i Sb v
poluprovodnikovykh i nekotorykh drugikh
sodineniiakh/. 18 p3095 A67-33441
Mean internal potential of the indium
antimonide lattice /O srednem vnutrennem
potentsiale reshetki antimonida
indii/. 18 p3095 A67-33442
- GUSEIN-ZADE, M. I.
Development of a bending theory of
sandwich plates /Postroenie teorii izгиба
sloistnykh plastinok/. 12 p2024 A67-25602
- GUSEINOV, A. I.
A nonlinear boundary value problem /Ob
odnoi nelineinoi kraevoi
zadache/. 12 p1961 A67-25442
- GUSEINOV, G. D.
Heat conductivity study of GaSe
monocrystals. 07 p1233 A67-19649
On the new semiconducting compound
HgTIS sub 2. 07 p1233 A67-19650
Cryostat with a metallic holder for
measuring the galvanomagnetic effects in
semiconductors /Kriostat s metallicheskim
derzhatelem dlia izmereniia
galvanomagnitnykh effektov v
poluprovodnikakh/. 16 p2730 A67-31158
About a group of three component
compounds being analogous to binary
semiconductors of the A super III B super
VI type. 21 p3687 A67-39144
- GUSEINOV, O. KH.
Experimental possibilities for observing
cosmic neutrinos. 09 p1561 A67-21630
- GUSEINOV, R. E.
Results of a spectrophotometric study of
the chromospheric flare of Aug. 21, 1959. I
/O rezul'tatakh spektrofotometricheskogo
issledovaniia khromosfernoi vspyski 21
avgusta 1959 g. I/. 02 p0308 A67-11850
Results of a spectrophotometric study of
the chromospheric flare of August 21, 1959.
II /O rezul'tatakh spektrofotometricheskogo
issledovaniia khromosfernoi vspyski 21
avgusta 1959 g. II/. 05 p0892 A67-16496
Results of a spectrophotometric study of
the chromospheric flare of June 25, 1960. I
/O rezul'tatakh spektrofotometricheskogo
issledovaniia khromosfernoi vspyski 25
iunlia 1960 g. I/. 05 p0893 A67-16497
Nature of motion and the asymmetry of
emission lines of chromospheric flares
/Kharakter dvizheniia i asimmetriia
emissionnykh lini v khromosfernykh
vspyskakh/. 06 p1077 A67-18156
Results of a spectrophotometric study of
the chromospheric flare of June 25, 1960. II
/O rezul'tatakh spektrofotometricheskogo
issledovaniia khromosfernoi vspyski 25
iunlia 1960 g. II/. 07 p1247 A67-19168
The character of motions and emission-line
asymmetry in chromospheric
flares. 16 p2737 A67-30500
- GUSEINOV, T. D.
Solution of an equilibrium problem for a
shallow cylindrical shell of rational profile
/Reshenie odnoi zadachi o ravnovesii pologo
tsilindricheskoi obolochki ratsional'nogo
ochertaniia/. 12 p2024 A67-25603
- GUSEINOVA, A. I.
Boundary layer on a body of revolution in
a two-component fluid flow /Pogranichnyi
sloi na tele vrashcheniia pri obtekanii
dvukhkompontentnoi
zhidkosti/lu/. 14 p2295 A67-27835
- GUSEINOVA, E. S.
Electrical conductivity of p-GaSe single
crystals in strong electric
fields. 04 p0676 A67-14929
Electric conductivity studies of p-GaTe
polycrystals and single crystals in strong
electric fields. 14 p2375 A67-29085

- GUSELNIKOV, N. I. A.**
High-temperature plasticity failure of titanium /O vysokotemperaturnom provale plastichnosti titana/. 07 p1200 A67-19248
Certain general patterns in the occurrence of hydrogen brittleness in the alloys VT3-1 and VT15 /O nekotorykh obshchikh zakonomernostiakh proiavlennia vodorodnoi khrupkosti v splavakh VT3-1 i VT15/. 07 p1206 A67-19283
The influence of hydrogen on the character of fracture propagation of BT15 alloy during tension tests /Vliianie vodoroda na kharakter rasprostraneniia treshchin v splave VT15 pri ispytaniakh na rastazheniie/. 14 p2337 A67-28286
- GUSEV, I. A.**
Study of the behavior of impurity atoms in diatomic crystals of InSb and GaSb. 05 p0861 A67-16392
- GUSEV, V. M.**
Investigation of certain characteristics of p-n junction photovoltaic energy converters produced by ion bombardment. 04 p0680 A67-15284
- GUSEV, V. N.**
Hypersonic helium flow past highly blunted bodies. 04 p0546 A67-14779
Calculation of hypersonic axisymmetric jets /K raschetu giperzvukovykh osesimmetrichnykh strui/. 10 p1591 A67-23037
Viscous hypersonic gas flow past slender pointed cones. 13 p2050 A67-26882
- GUSEVA, E. A.**
Determination of the enthalpy of self-binding silicon carbide at temperatures from 1300 to 2000 deg K /Opredelenie entalpii samosvazannogo karbida kremniia v interval'e temperatur 1300-2000 deg K/. 03 p0448 A67-13609
Determination of the enthalpy of self-bound silicon carbide in the 1300-2000 deg K temperature range. 18 p3066 A67-34474
- GUSEVA, E. G.**
Computations of low-frequency electromagnetic wave propagation in the earth-ionosphere waveguide. 07 p1144 A67-19695
- GUSEVA, L. G.**
Some properties of a high-voltage hollow-anode glow discharge. 06 p0968 A67-18093
- GUSEVA, V. V.**
High-energy interactions of nucleons with complex nuclei. 02 p0312 A67-12604
A new installation at the T'yan-Shan' Mountain station for investigation of strong interactions at energies of 100 to 1000 Bev - First results. 22 p3801 A67-40248
Mean characteristics of the process of multiple particle production at energies from 100 to 1000 Gev /Srednie kharakteristiki protsessa mnozhestvennogo rozhdeniia chastits pri energiiakh 100-1000 Gev/. 24 p4217 A67-42830
- GUSH, H. P.**
Observations of quasars using interferometer baselines up to 3,074 km. 17 p2947 A67-32760
- GUSHCHIN, L. K.**
Chromizing of steel by high-frequency induction heating in a vacuum. 19 p3236 A67-34920
- GUSHCHIN, M. N.**
Theory of space charge limited unipolar nonstationary currents in a solid /Teoriia unipolarnykh nestatsionarnykh tokov, ogranichennykh prostranstvennym zariadom, v tverdom tele/. 04 p0680 A67-15155
Theory of unipolar transient space-charge-limited currents in solids. 15 p2534 A67-29342
- GUSHCHINA, R. T.**
The penumbra and the variation of the effective geomagnetic-cutoff rigidity of cosmic rays with a variation of the primary spectrum in the presence of a constant geomagnetic field /Penumbra i izmenenie effektivnoi zhestkosti geomagnitnogo obrezaniia kosmicheskikh luchei s izmeneniem pervichnogo spektra pri postoiannstve geomagnitnogo polia/. 17 p2934 A67-32094
Influence of a penumbra on the effective cutoff rigidity of cosmic rays /Vliianie penumbry na effektivnuiu zhestkost' obrezaniia kosmicheskikh luchei/. 21 p3699 A67-39017
Preliminary results of a study of the cosmic-ray distribution in the Eastern part of the USSR by a SibIZMIR expedition /Predvaritel'nye rezul'taty issledovaniia ekspeditsiei SibIZMIR raspredeleniia kosmicheskikh luchei v vostochnoi chasti SSSR/. 23 p4060 A67-41138
- GUSIKA, P. L.**
Mercury flow in a duct in a transverse magnetic field /Techenie rtuti v lotke v poperechnom magnitnom pole/. 01 p0120 A67-10179
Effect of the process of ionization on the structure and state behind a shock wave in a magnetic field /O vlianii protsessia ionizatsii na strukturu i sostoianie za udarnoi volnoi v magnitnom pole/. 04 p0669 A67-15517
Magnetogasdynamic shock wave with a conductivity jump /Magnitogazodinamicheskaia udarnala volna so skachkom provodimosti/. 21 p3664 A67-38238
- GUSINOW, M. A.**
Electron affinity of helium via laser photodetachment of its negative ion. 22 p3815 A67-39614
- GUSKOV, I. U. K.**
Measurement of electron temperature in a low-voltage cesium arc. 02 p0275 A67-12470
Influence of interelectrode distance on the operation of a cesium thermionic converter. 09 p1444 A67-22007
Cesium thermionic converter with added inert gases. 09 p1444 A67-22008
Operation of a thermionic-emission converter in a mixture of cesium and neon. 16 p2810 A67-31783
Diagnostics of low-temperature cesium plasma. 22 p3845 A67-39425
- GUSKOV, I. U. P.**
Optimum discrete correction of a forced motion of stochastic systems /Ob optimal'noi diskretnoi korrektsii vyznuzhennogo dvizheniia stokhasticheskikh sistem/. 02 p0225 A67-11957
On optimal discrete correction of the forced motion of stochastic systems. 17 p2831 A67-33274
- GUSKOVA, A. K.**
The problem of verifying the permissible doses of ionizing radiation for space-vehicle crews /Problema obosnovaniia dopustimyykh doz ionizirulushchey radiatsii dlia chlenov ekipazha kosmicheskikh korablei/. 16 p2617 A67-30764
- GUSKOVA, E. G.**
Space magnetic fields according to studies of the magnetic properties of meteorites /Magnitnye polia kosmicheskogo prostranstva po dannym issledovaniia magnitnykh svoistv meteoritov/. 14 p2383 A67-27926
- GUSS, D. E.**
Solar modulation of cosmic rays and its relationship to proton and helium fluxes, interstellar travel, and interstellar secondary production. 15 p2550 A67-29614
- GUSSMANN, E. A.**
Modification of the weighting-function method of calculating Fraunhofer lines in solar and stellar spectra /Modifizierung der gewichtsfunktionenmethode zur berechnung der Fraunhoferlinien in Sonnen- und Sternspektren/. 11 p1859 A67-24113
- GUSTAFSON, H. A.**
Zeeman discharge tube frequency monitor. 11 p1801 A67-24664
- GUSTAFSON, K.**
Inequalities for nonlocal parabolic and higher order elliptic equations. 21 p3652 A67-38174
- GUSTAFSSON, G.**
On the orientation of auroral arcs. 17 p2850 A67-33189
- GUSTAVSON, C.**
Characterization of propellant binder ingredients through gel permeation chromatography. 04 p0688 A67-14472
- GUSTAVSON, F. G.**
On constructing formal integrals of a Hamiltonian system near an equilibrium point. 03 p0457 A67-13163
On constructing formal integrals of a Hamiltonian system near an equilibrium point. [AAS PAPER 66-102] 07 p1216 A67-18964
- GUSTINCIC, J. J.**
Resolution limitations of a finite aperture. 16 p2639 A67-31339
- GUSTKE, F. R.**
Portable environmental sampler. 12 p1942 A67-25688
- GUSTYR, L. I. A.**
Study of the divergence of the radiation of helium-neon lasers. 24 p4169 A67-42691
- GUTENBAUM, J.**
Application of an optimal linear controller in a system with a constrained control magnitude /O zastosovanii liniowego regulatora optymalnego w układzie z ograniczeniem wielkości sterującej/. 18 p3018 A67-34283
- GUTER, G. A.**
The utilization of lunar resources for propellant manufacture. 08 p1316 A67-21092
- GUTERMAN, M. B.**
Certain features associated with the K-state in the alloys Ni-Cr, Ni-Cr-Mo and Fe-Ni-Cr-Mo. 04 p0635 A67-14429
- GUTFREUND, K.**
Interfacial investigations of boron fiber-reinforced plastics. 03 p0455 A67-13428
- GUTHART, H.**
Measurements of the charged particles of an equilibrium turbulent plasma. 02 p0275 A67-12550
Microwave scattering from an underdense turbulent plasma. 05 p0760 A67-15999
Boundary-layer ion density profiles as measured by electrostatic probes. [AIAA PAPER 66-159] 05 p0856 A67-17345
Laser interferometry as a measure of turbulent fluctuations. 08 p1337 A67-21142
Plasma diagnostics using electrostatic probes under short mean free path conditions. 11 p1827 A67-23882
- GUTHRIE, G. L.**
Temperature dependence of three-phonon processes in solids, with application to Si, Ge, GaAs, and InSb. 05 p0870 A67-17198
- GUTKIN, L. S.**
Comparison of actual and optimum direction-finding accuracy. 01 p0024 A67-10721
- GUTMAN, A. S.**
Active damping concept for gravity gradient satellite attitude control. 17 p2954 A67-32073
- GUTMAN, B. V.**
Application of an ion beam to the microworking of thin metallic coatings on a dielectric /Primenenie ionnogo puchka dlia mikroobrabotki tonkikh metallicheskikh pokrytii na dielektrike/. 03 p0432 A67-14269
Use of ion beams in machining small parts from metal films deposited on dielectrics. 14 p2325 A67-28779
- GUTMAN, D.**
Shock-tube study of chain branching during the induction period of the hydrogen-oxygen reaction. 18 p2998 A67-34519
- GUTMANN, F.**
Organic semiconductors. 08 p1372 A67-21506
Solid-state electrochemical cells based on charge transfer complexes. [JPL-TR-32-1116] 24 p4097 A67-41804
- GUTS, A. V.**
Oxidation mechanism and kinetics of binary alloys of nickel with cobalt. 20 p3467 A67-37115
- GUTSCHE, E.**
Edge emission in CdS as internal radiative transition in donor-acceptor associates. 03 p0488 A67-12813
Valence band structure of wurtzite type crystals. 16 p2725 A67-30802
- GUTCHE, H. W.**
Surface damage in silicon. 18 p3103 A67-34565
- GUTTMAN, A.**
Computer processing of spectrograms for absolute intensities. 21 p3624 A67-37851
- GUTTRICH, G. L.**
Level shifts due to the confinement of an atom by conducting walls. 17 p2888 A67-32390
- GUTTSALT, E. M.**
Characteristics of regenerative magnetron amplifiers. 08 p1305 A67-21271
Qualitative analysis of oscillation and regenerative amplification conditions in microwave circuits. 08 p1305 A67-21272
- GUTZWILLER, F. W.**
Thyristors and rectifier diodes - The semiconductor workhorses. 20 p3397 A67-36643
- GUY, A. G.**
Diffusion calculations in three-component solid solutions. 02 p0256 A67-12707
- GUYADER, J. C.**
Spectrometry of primary protons and of protons of solar origin at Skogar-Iceland /L'approximate 5.7/ /Spectrometrie de protons primaires et de protons d'origine solaire a Skogar-Islande /L'approximate 5.7/. 12 p1991 A67-25114

GUYARD, H.

Some tests of the "L shaped structure"
/Quelques essais de la "structure en L"/. 21 p3599 A67-38643

GUYON, E.

Superconductivity without a forbidden band for "dirty" alloys in a magnetic field /Supraconductivite sans bande interdite d'alliages "sales" en champ magnetique/. 02 p0300 A67-12247

Thickness dependence of kappa sub 2 and related problems for superconducting alloy films in strong fields. 14 p2371 A67-28723

GUYONNET, J.

Passive components for a reliability program /Composants passifs pour programme de fiabilite/. 21 p3571 A67-38671

GUYOT, P.

The Nord-Aviation "turbo-ram" combination - From the "Griffon" to a space transport vehicle /Le combine "turbo-stato" de Nord-Aviation - Du "Griffon" au transporteur spatial/. 09 p1559 A67-22093

GUZ, A. N.

Solution of the second plane dynamic problem for multiply connected regions /O reshenii vtoroi ploskoi dinamicheskoi zadachi teorii uprugosti dlia mnogosvaznykh oblastei/. 01 p0159 A67-10224

Plane problem of the moment theory of elasticity for an infinite plane weakened by a finite number of circular apertures /Ploskala zadacha momentnoi teorii uprugosti dlia beskonечно ploskosti, oslablennoi konechnym chislom krugovykh otverstii/. 02 p0338 A67-11954

Experimental study of the deformation of spherical bottoms weakened by holes beyond the elasticity limit /Eksperimental'noe issledovanie deformatsii sfericheskikh dnishch, oslablennykh otverstiiami, za predelom uprugosti/. 05 p0923 A67-17187

Investigation of the stability of elastic systems on the basis of the linearized equations in the theory of elasticity /Issledovanie ustoiichivosti uprugikh sistem pri pomoshchi lineizirovannykh uravnenii teorii uprugosti/. 11 p1878 A67-24876

Oscillations and stability of a system of cylindrical shells in an inviscid fluid flow /Kolebaniia i ustoiichivost' sistem tsilindricheskikh obolochek v potoke nevlazkoj zhidkosti/. 12 p2023 A67-25589

Investigation of the finite systems of equations for multiply connected regions in shells /Issledovanie beskonечноkh sistem uravnenii dlia konechnykh mnogosvaznykh oblastei v obolochkakh/. 12 p2024 A67-25600

Stress state of a conical shell weakened by a circular opening. 13 p2218 A67-26888

The plane problem of couple stress theory of elasticity for an infinite plane weakened by a finite number of circular holes. 17 p2966 A67-33271

Supersonic flow of a compressible fluid past two cylindrical shells /Obtekanie dvukh tsilindricheskikh obolochek sverkhzvukovym potokom szhlmaemol zhidkosti/. 18 p3024 A67-33540

GUZ, O. M.

General solutions for three-dimensional linearized equations of the theory of elastic stability /Zagal'ni rozv'iazki trivimernykh lineizirovannykh ravnaniy teorii pruzhnosti/. 11 p1870 A67-23896

Solution of problems of bending of plates on an elastic base in the case of multiply connected regions /Pro rozv'iazannia zadach zginu plastin na pruzhnii osnovi u vipadku bagatoz'v'iaznykh oblastei/. 11 p1879 A67-25053

GUZHVIN, V. V.

Negative excess of electrons in electromagnet cascade showers /Ob otritsatel'nom izbytkie elektronov v elektromagnitnykh kaskadnykh livniakh/. 24 p4221 A67-42871

Angular distribution of electrons at various depths in cascade showers /Uglovoe raspredelenie elektronov na razlichnykh glubinakh v kaskadnykh livniakh/. 24 p4221 A67-42872

GUZHOVSKII, I. T.

The interaction of plasmoids with an axially symmetric magnetic field. 09 p1545 A67-21996

Interaction between plasmoids and an axisymmetric magnetic field /Vzaimodelstvie plazmennyykh sgustkov s aksial'no-simmetrichnym magnitnym polem/. 15 p2525 A67-29246

Interaction of magnetized plasmoids with a

magnetic barrier /Vzaimodelstvie zamagnichennykh plazmennyykh sgustkov s magnitnym bar'erom/. 15 p2525 A67-29247

Interaction of magnetized plasmoids with a "magnetic barrier." 23 p4035 A67-41685

GUZMAN, J. A.

Distortions of controlled transients by shock monitoring systems. 23 p4007 A67-41382

GVATUA, SH. SH.

Suppression of certain modes in the emission of a ruby laser /Podavlenie nekotorykh mod v izlucheniі rubinovogo lazera/. 12 p1952 A67-25436

GVELESIANI, L. P.

Mixed cadmium ferrites of spinel structure /Smeshannye kadmievyie ferrity shpnel'noi struktury/. 06 p1050 A67-18182

GVOZDKOV, N. N.

Loss in thermal stability of motion of a viscoplastic material /O potere teplovoi ustoiichivosti dvizhenia viazko-plasticheskogo materiala/. 01 p0052 A67-10682

Breakdown of thermal stability in the motion of a visco-plastic material. 11 p1783 A67-25070

GYARMATHY, G.

Air condensation in rapidly expanding hypersonic flow. 16 p2657 A67-30708

GYDIKOV, A.

Sampling with adjustable frequency in the hand movement control system. 17 p2808 A67-33180

GYEVLJANOS, B.

System for the automatic control of complex vacuum evaporation techniques /Berendezes osszettett vakuumgozolesi folymatok automatikus szabalyozasara/. 01 p0078 A67-10299

GYFTOPOULOS, E. P.

Theory of thermionic converter extinguished-mode operation with applications to converter diagnostics. 17 p2803 A67-32365

GYLFE, J. D.

Nuclear power systems for advanced high-powered communications satellites. 06 p1029 A67-17687

Reactor and shield subsystems for MORL and lunar base power plants. 24 p4186 A67-42546

GYOERGY, M.

Applications of thin films in electronics /Vekonyretegek elektronikai alkalmazasa/. 15 p2447 A67-29684

GYOMLAI, I.

Epitaxy of silicon on corundum - Measurement of the electronic characteristics of epitaxial deposits /Epitaxie du silicium sur corindon - Mesures des caracteristiques electroniques des depots epitaxiaux/. 02 p0294 A67-11755

GYORGYFALVY, D.

Possibilities of drag reduction by the use of flexible skin. [AIAA PAPER 66-430] 13 p2106 A67-27585

GYORY, C. K.

Kinematic synthesis of plane curves. [ASME PAPER 66-MECH-13] 08 p1336 A67-21318

GYULA, T.

Survey of the development of pneumatic logical elements and systems /A pneumatikus logikai elemek es rendszerek fejlodesenek attekintese/. 13 p2056 A67-27239

H

HAACK, R.

Equilibria between metallic sodium and aromatic hydrocarbons. 09 p1458 A67-22214

Reactions of N-vinyl carbazole with anionic initiators. [JPL-TR-32-1126] 24 p4118 A67-42601

HAALAND, J. E.

Lunex II - A study on manned lunar exploration. 01 p0017 A67-11392

The use of simple physiological measurements in obtaining relative energy expenditure and workloads during a simulated lunar surface mission. 23 p3959 A67-41657

Vehicle volume and design criteria for manned lunar roving vehicles. 23 p3970 A67-41658

HAALAND, S.

Statistical initial-value problem for Burgers' model equation of turbulence. 05 p0794 A67-17419

HAAS, F. A.

Stability of the theta-pinch. 08 p1361 A67-21132

Dynamic stabilization of the theta pinch. 23 p4031 A67-40793

HAAS, G. M.

Observation of ion heating using a modulated electron beam in a magnetic mirror field. 13 p2164 A67-26299

HAAS, I.

A high noise immunity logic family /HNIL/. 14 p2282 A67-28028

HAAS, J.

Turbulence/upset studies on jet transports. [AIAA PAPER 66-1002] 02 p0181 A67-12304

Low Reynolds number effects on hypersonic flow over a two-dimensional cylinder. 14 p2242 A67-28174

Optical pumping on Cs super 133 by means of a new transmission technique /Optisches Pumpen an Cs super 133 unter Anwendung einer neuen Nachweismethode/. 23 p4016 A67-41291

HAAS, T. W.

A study of the niobium /110/ surface using low energy electron diffraction techniques. 02 p0257 A67-12729

Production of ultrahigh vacuum by flashed getters. 08 p1354 A67-21496

Adsorption on niobium /110/, tantalum /110/, and vanadium /110/ surfaces. 15 p2504 A67-29881

HAAS, W. J.

The biological significance of the space effort. 06 p0954 A67-19040

HAASE, W. W.

The use of network planning in the U.S. space program. 15 p2583 A67-30222

HAASEN, P.

Dependence of the superconducting behavior of niobium crystals under torsion on the sample diameter /Abhaengigkeit des Supraleitverhaltens torierter Niobelektroden vom Probendurchmesser/. 07 p1209 A67-19646

Dislocations in semiconductors. 07 p1237 A67-20162

HAASIS, J. M.

Development of the combustion system for the AResearch TPE331 turboprop engine. [ASME PAPER 67-GT-25] 11 p1854 A67-24805

HABENSCHUSS, M.

Thermal study of groups II-IV semiconductors - Lattice heat capacities and free energies of formation - Heat capacity of Mg sub 2 Si from 15 deg-300 deg K. 23 p4047 A67-41533

HABER, S.

A modified Monte-Carlo quadrature. II. 18 p3072 A67-34396

HABERECHT, R. R.

Property changes induced by electron beam exposure in various semiconductor and dielectric materials. 04 p0681 A67-15314

HABERLAND, C.

Critical comment on the suggestion of Kaletsch concerning VTOL /Kritische Stellungnahme zum Kaletsch VTOL Vorschlag/. 02 p0182 A67-12427

HABIB, E. J.

Methods of processing satellite data. 16 p2633 A67-30668

HABING, D. H.

Anomalous photocurrent generation in transistor structures. 04 p0685 A67-15696

HABING, H. J.

Low-energy cosmic rays and the electron density in H I regions. 24 p4208 A67-41833

HABIP, L. M.

Moderately large deflection of asymmetrically layered elastic plate. 09 p1574 A67-21758

Capillary stability of rotating dielectric liquid cylinder in an electric field. 22 p3787 A67-40135

HABLANIAN, M. H.

High vacuum systems for thin film applications. 04 p0631 A67-15994

HABOVCIK, P.

Calculation of some optimum modes of high power klystrons for the 4th and 5th television band. 14 p2277 A67-27773

HABRAKEN, L.

Improvement of heat-resisting cobalt-base alloys by precipitation hardening. 11 p1807 A67-24703

Precipitation hardening in high-strength stainless steels. 23 p4018 A67-40871

HACH, J. P.

Electron emission cools noise-diode

- cathode. 01 p0033 A67-10024
HACHTEL, G. D.
 The synthesis of integrable, nearly sinusoidal, potentially bistable oscillators. 06 p0967 A67-17812
HACKAM, R.
 Electron-ion recombination in helium afterglows. 19 p3270 A67-35071
HACKER, H.
 Improvement of resolution by a photoelectric Raman spectrometer with He-Ne laser excitation. 09 p1492 A67-21561
 Recording of Raman spectra excited by quasi-continuous and continuous ruby lasers /Registrierung von Ramanspektren bei Erregung mit quasikontinuierlichen und kontinuierlichen Rubinlasern/. 19 p3240 A67-35546
HACKETT, W. H., JR.
 Microwave flux-flow dissipation in paramagnetically-limited alloys. 16 p2727 A67-30821
HACKLINGER, M.
 Investigations on the gust loading of flexible sailplanes. 10 p1593 A67-23015
HACKMAN, E. E., III
 Combustion characteristics of crystalline oxidizers. 15 p2581 A67-29990
HACKMAN, L. E.
 Laminate optimization for filamentary composites. 03 p0453 A67-13413
HACMAN, D.
 Electrical resistance of titanium evaporated films in the thickness range of the path-length effects /Die elektrische Leitfähigkeit von Titanaufdampfschichten im Dickengebiet des Weglängeneffektes/. 02 p0292 A67-11744
HACSKAYLO, M.
 Vacuum-deposited magnetic thin films of Fe sub 3 O sub 4 -B sub 2 O sub 3 mixtures. 04 p0677 A67-15118
HADADY, R. E.
 Reconstructing a serial pulse train from parallel data recorded on magnetic tape. 02 p0242 A67-12021
HADDAD, G. I.
 Annual Electron and Laser Beam Symposium, 8th, University of Michigan, Ann Arbor, Mich., April 6-8, 1966. Proceedings. 04 p0622 A67-15300
 Quantum detectors. 09 p1515 A67-22277
HADDAD, I. N.
 Energy dependence of anisotropy of defect production in electron irradiated diamond-type crystals. I - Experimental measurements on n and p-type silicon. 01 p0133 A67-10752
HADDOCK, F. T.
 Measurements of the linearly polarized components of radio sources at a wavelength of 3.75 cm. 11 p1861 A67-24486
HADDON, R. A. W.
 Earth oscillations and the earth's interior. 08 p1325 A67-20985
 Stresses in an infinite plate with two unequal circular holes. 21 p3730 A67-39086
HADERT, H.
 Adhesives for jet aircraft, rockets, and spacecraft /Klebstoffe fuer Raketensflugzeuge, Raketen und Raumfahrzeuge/. 16 p2683 A67-31788
HADJIDEMETRIOU, J.
 Orbits of binary systems with decreasing mass. 08 p1380 A67-20385
HADJIDEMETRIOU, J. D.
 Some properties of the solution of the first-order variational equations of the restricted three-body problem. 23 p4061 A67-40622
HADLEY, W. C.
 Measurements of 1/2 to 4 mev trapped protons in the equatorial magnetosphere. [AFRL-66-865] 03 p0505 A67-12835
HADLEY, W. S.
 Toward storage reliability for electronic systems. 11 p1768 A67-25010
 Reliability - From factory to target. 18 p3057 A67-34672
HADNI, A.
 Induced absorption in the far infrared by impurities and defects of a single crystal of potassium bromide /Absorption induite dans l'infrarouge lointain par les impuretes et les defauts d'un monocristal de bromure de potassium/. 09 p1557 A67-22571
 Far-infrared electronic transitions in solids. 13 p2178 A67-27085
 Optical constants of seven ionic crystals at low temperature in the far infrared - Difference process - Role of impurities /Constantes optiques de sept cristaux ioniques a basse temperature dans l'infrarouge lointain - Processus de difference - Role des impuretes/. 14 p2374 A67-28986
HAEBERLE, H.
 Theoretical comparison of modulation systems in satellite communications. 20 p3383 A67-36956
HAEFER, R. A.
 Molecular-density and pumping-power distribution in large vacuum chambers equipped with cryopumps /Verteilung der molekularen Dichte und des Saugvermoegens innerhalb grosser, mit Kryopumpen ausgeruesteter, Vakuumkammern/. 09 p1503 A67-22118
HAEFNER, R. R.
 A critique of methods for analysis of the diameter-frequency relation for craters with special application to the moon. 08 p1385 A67-20932
HAEGELE, G.
 Amplitude-dependent internal friction and defect structures in aluminum. IV - Investigation of the critical shearing stress /Amplitudenabhaengige Daempfung und Moduldefekt in Aluminium. IV - Untersuchung zur kritischen Schubspannung/. 01 p0101 A67-10845
HAEMMERLE, W. H.
 Energy gap of V sub 3 Si. 03 p0492 A67-13327
HAENDEL, S. K.
 Exploding wires in air and vacuum. 05 p0847 A67-17317
HAENER, J.
 Three-dimensional stress distribution in a unidirectional composite. 08 p1420 A67-20912
HAENSEL, H.
 The Doppler-frequency installation of the Institute of Flight Guidance /Die Dopplerfrequenzanlage des Instituts fuer Flugfuehrung/. 06 p0979 A67-18018
HAERENDEL, G.
 Motion of artificial ion clouds in the upper atmosphere. 08 p1326 A67-21357
 Motion of artificial ion clouds in the upper atmosphere. 10 p1844 A67-23254
 Ambipolar diffusion of a plasma cloud in a magnetic field. 10 p1848 A67-23293
 Artificial strontium and barium clouds in the upper atmosphere. 17 p2851 A67-33194
HAERING, R. R.
 Phonon-assisted magnetoabsorption in direct-band semiconductors. 24 p4203 A67-42287
HAESSNER, F.
 Structure of the rolling texture of body-centered cubic metals and alloys. I /Ueber den Aufbau der Wulkstextur kubisch raumzentrierter Metalle und Legierungen. I/. 07 p1210 A67-20107
HAESLER, C.
 Vibration-rotation spectrum of carbon monoxide - Study of the nu sub 0 goes to 3 band /Spectre de vibration-rotation de l'oxyde de carbone CO - Etude de la bande nu sub 0 goes to 3/. 13 p2160 A67-26800
HAESLER, J.
 Changes in the resistance of an ellipsoidal probe in a homogeneous magnetic field /Zmenenie soprotivleniya zonda ellipsoidal'nol formy v odnorodnom magnitnom pole/. 21 p3666 A67-38250
HAUSSERMANN, F.
 Determination of the stacking fault energy of face centered cubic metals from an analysis of the electron-microscope diffraction contrast of stacking fault dipoles /Bestimmung der Stapelfehlerenergie kubisch-flaechenzentrierter Metalle aus der Analyse des elektronenmikroskopischen Beugungskontrastes von Stapelfehlerdipolen/. 07 p1208 A67-19637
HAFFNER, J. W.
 Space radiation dose rates in the earth's atmosphere. 06 p1077 A67-18009
HAFKEMEYER, G. B.
 Experience with the automatic aircraft-noise monitoring equipment at the Frankfurt airport /Erfahrungen mit der automatischen Fluglaermueberwachungsanlage des Flughafens Frankfurt/Main/. 09 p1484 A67-21941
HAFLE, R.
 A miniature 2 super 19 encoder. 01 p0073 A67-11113
HAFNER, E. M.
 The OSO 1 high-energy gamma-ray experiment. 14 p2381 A67-28057
HAFT, E. E.
 Vibration of a circular cylindrical shell closed by an elastic plate. 23 p4080 A67-41750
HAGEMAIER, D.
 Evaluation of mechanical properties of 2014-T6 weldments by nondestructive /eddy current/ methods. 06 p1007 A67-17640
HAGEMEYER, W. A.
 Lunar surface thermal characteristics from Surveyor 1. 08 p1386 A67-20940
 Observations of dust particles on Surveyor 1. 08 p1386 A67-20944
HAGEMEYER, W. A., JR.
 Surveyor white paint degradation. 15 p2579 A67-29451
HAGEN, C.
 Effect of reduced barometric pressure on water availability related to microbial growth. 15 p2426 A67-29111
HAGEN, C. A.
 Probability of growth /p sub G/ of viable microorganisms in Martian environments. 19 p3177 A67-35220
 Survival of microorganisms in a simulated Martian environment. II. 20 p3372 A67-37180
HAGEN, G.
 LM cathode electron-bombardment thrusters. [AIAA PAPER 67-667] 21 p3690 A67-38701
HAGEN, H.
 Evaluation of the effect of compressibility on the characteristic curve of an axial-flow compressor stage /Abschaetzung des Kompressibilitaetseinflusses auf die Kennlinie einer Axialverdichterstufe/. 03 p0353 A67-14307
HAGEN, J. P.
 Research aspects of the communication satellite program. 14 p2269 A67-28455
HAGEN, O.
 Short endurance fatigue of supported, pressurized thin shells. [ASME PAPER 66-WA/MET-13] 04 p0712 A67-15377
HAGEN, W. F.
 Turbulent flow measurements utilizing the Doppler shift of scattered laser radiation. 18 p3030 A67-34752
HAGENA, O. F.
 Velocity distribution measurements of molecular beams scattered from solid surfaces. 05 p0849 A67-17276
 Analysis of intensity and speed distribution of a molecular beam from a nozzle source. 14 p2301 A67-28186
HAGENLOCKER, E. E.
 Effects of phonon lifetime on stimulated optical scattering in gases. 10 p1662 A67-22758
HAGENMULLER, P.
 Propellants /Les propergols/. 07 p1239 A67-20088
HAGERTY, R. J.
 Determination of measurement limits to optimize production losses. 16 p2782 A67-31257
HAGFORS, T.
 Note on the effect of shadowing on the backscattering of waves from a random rough surface. 02 p0192 A67-11602
 Study of radio echoes from the moon at 23 centimeters wavelength. 02 p0325 A67-11858
 Radar properties of the moon. [AAS PAPER 66-186] 08 p1387 A67-20961
 A study of the depolarization of lunar radar echoes. 14 p2261 A67-28374
HAGG, E. L.
 Electron densities of 8-100 electrons cm super -3 deduced from Alouette II high-latitude ionograms. 06 p0996 A67-18568
 The influence of focusing upon the apparent reflection coefficient of the F region. [AGARDOGRAPH 95] 15 p2481 A67-30279
HAGGE, D. E.
 Low energy galactic cosmic rays. 13 p2193 A67-27248
HAGGERTY, M. J.
 Kinetic equation for a homogeneous nongyrotropic magnetoplasma. 06 p1042 A67-18574
HAGGERTY, T. J.
 The lunar module simulation program. [AIAA PAPER 67-232] 07 p1184 A67-20056
HAGIWARA, S.
 Microwave radiation due to beam-plasma interaction. 21 p3668 A67-38416
HAGIWARA, T.
 Propagation of strong shock waves - Attenuation in the shock

- tube. 05 p0791 A67-16433
- HAGSTROM, C. T.**
Effect of structural compliance-induced cross-axis coupling on the stability of a two-axis thrust vector attitude control system. [AIAA PAPER 67-42] 06 p1097 A67-18448
Guidance system stability as affected by vehicle systems interaction. 22 p3907 A67-40194
On structural compliance-induced coupling in a thrust-vector control system. [AIAA PAPER 67-42] 24 p4242 A67-42909
- HAGUE, W. M.**
Natural frequencies of bladed discs. 12 p2014 A67-25417
- HAHN, E. L.**
Zero-field nuclear spin relaxation and resonance absorption in superconducting aluminum. 19 p3303 A67-35044
- HAHN, G.**
Shadow-boxing with the MTBF and its consequences. I /Die Spiegelfechterei mit der MTBF und ihre Folgen. 02 p0249 A67-12426
Shadow-boxing with the MTBF and its consequences. II /Die Spiegelfechterei mit der MTBF und ihre Folgen. 02 p0250 A67-12429
- HAHN, G. J.**
Statistical Models in Engineering. 17 p2876 A67-32236
- HAHN, G. T.**
Crack extension and propagation under plane stress. 16 p2769 A67-31286
- HAHN, H.**
Progress in preparation and working of whisker-reinforced metal composites. [ASME PAPER 67-DE-35] 14 p2328 A67-28876
- HAHN, W.**
First-order differential equations with homogeneous right sides /Ueber Differentialgleichungen erster Ordnung mit homogenen rechten Seiten/. 03 p0462 A67-14257
- HAHN, Y.**
Variational lower bounds on electron hydrogen S-wave phase shifts. 07 p1226 A67-19499
Remarks on variational bounds in scattering theory. 08 p1355 A67-20865
- HAHNEMANN, H. W.**
Approximate heat-transfer theory for channel flows /Naehrungstheorie fuer den Waermeuebergang in Spaltstroemungen/. 10 p1734 A67-23575
- HAIBACH, E.**
Evaluation of the reliability of structural components subjected to oscillations /Beurteilung der Zuverlaessigkeit schwingbeanspruchter Bauteile/. 22 p3908 A67-39284
- HAIGHT, C. H.**
Shock structure in a gas of rigid noncentral particles. 15 p2469 A67-29217
- HAIMO, D. T.**
Series representation of generalized temperature functions. 13 p2147 A67-27454
- HAIN, K.**
Applied Kinematics. /2nd Edition/. 11 p1795 A67-23921
- HAINES, C. E.**
Wear coefficient correlation of test methods and design calculations for solid film lubricants. [ASLE PREPRINT 67AM 5A-5] 14 p2325 A67-28787
- HAINES, E. L.**
Use of transformations in multiparameter data sorting. 12 p1909 A67-25863
- HAINES, K. A.**
Interferometric measurements on diffuse surfaces by holographic techniques. 09 p1494 A67-21614
Multiple-wavelength and multiple-source holography applied to contour generation. 10 p1652 A67-22710
Holography as a tool in the testing of large aperture optics. 17 p2863 A67-33301
A technique for bandwidth reduction in holographic systems. 22 p3796 A67-39260
- HAINES, M. G.**
Optimum MHD energy conversion in strong magnetic fields /Optimal'noe MGD-preobrazovanie energii v sil'nykh magnitnykh polakh/. 17 p2898 A67-32180
Leakage currents in a segmented electrode generator. 18 p2987 A67-33703
- HAINES, R. F.**
The effects of high luminance sources upon the visibility of point sources. 08 p1351 A67-21103
- Size matching accuracy under very high target luminances. 23 p3969 A67-41643
- HAIR, H. A.**
Phase shifters for phased array antennas. 04 p0581 A67-15053
Magnetic devices for integrated circuits. 15 p2452 A67-29928
- HAIR, L. M.**
Inlet flowfield analysis for high Mach number applications. 13 p2050 A67-26831
[AIAA PAPER 66-605]
- HAIR, T.**
An introduction to the theory of pulse Doppler radar. 06 p0957 A67-17592
A precision C.W. radar ranging technique. 06 p0957 A67-17593
- HAISE, F. W., JR.**
Handling quality evaluation of seven general aviation aircraft. 06 p0947 A67-18200
- HAISLER, W. E.**
Consistent stiffness matrices in the analysis of shells. 10 p1725 A67-23714
Rigid-body displacements of curved elements in the analysis of shells by the matrix-displacement method. 17 p2963 A67-33042
- HAISMA, J.**
Construction and properties of short stable gas lasers. 18 p3058 A67-33658
- HAISTY, R. W.**
Effect of illumination time on thermally stimulated currents in semi-insulating GaAs. 07 p1234 A67-20102
Investigation of voltage breakdown in semi-insulating GaAs. 19 p3308 A67-36040
- HAITZ, R. H.**
Noise of a self-sustaining avalanche discharge in silicon - Low-frequency noise studies. 18 p3106 A67-34638
- HAJDUKOVA, M.**
The colour index of visual meteors. 16 p2751 A67-31462
- HAJI-SHEIKH, A.**
Flow and heat transfer in ducts of arbitrary shape with arbitrary thermal boundary conditions. 03 p0537 A67-14008
[ASME PAPER 65-WA/HT-13]
- The solution of heat conduction problems by probability methods. 15 p2578 A67-29318
[ASME PAPER 65-WA/HT-1]
- Transient and steady heat conduction in arbitrary bodies with arbitrary boundary and initial conditions. 20 p3547 A67-36726
[ASME PAPER 67-HT-44]
- HAK, J.**
Calculation of the time-dependent temperature dissipation in a bar which generates heat internally /Zur Berechnung des zeitabhaengigen Temperaturverlaufs in einem Stab mit innerer Waermeerzeugung/. 01 p0186 A67-10551
- HAKE, R. R.**
Calorimetric evidence for Pauli-paramagnetic superconductivity. 07 p1235 A67-20130
Upper-critical-field limits for bulk type-II superconductors. 11 p1850 A67-24933
Paramagnetic superconductivity in extreme type-II superconductors. 17 p2925 A67-33375
- HAKEN, H.**
Quantum theory of noise in gas and solid state lasers with an inhomogeneously broadened line. I. 04 p0632 A67-14949
Quantummechanical solutions of the laser master-equation. I. 15 p2501 A67-30124
Quantummechanical solutions of the laser master-equation. II. 20 p3461 A67-37182
Theory of noise in semiconductor laser emission. 20 p3461 A67-37184
Dynamics of nonlinear interaction between radiation and matter. 23 p4011 A67-40761
- HAKEWESSELL, D. B.**
Measurement of atmospheric density using gamma backscatter techniques. 05 p0840 A67-16527
- HAKIM, E. B.**
Secondary breakdown thermal characterization and improvement of semiconductor devices. 07 p1156 A67-19895
- HAKKI, B. W.**
Microwave negative conductance of bulk GaAs. 01 p0133 A67-10487
Amplification in two-valley semiconductor devices. 11 p1850 A67-24916
- HAKURA, Y.**
Entry of solar cosmic rays into the polar cap atmosphere. 11 p1855 A67-23925
The entry of solar protons and alpha-particles into polar cap atmosphere. 13 p2194 A67-27252
The polar cap absorption on July 7-10, 1966. 19 p3313 A67-35214
- HALAJIAN, J. D.**
Photometric investigations of simulated lunar surfaces. 12 p2003 A67-25740
Mechanical, optical, thermal, and electrical properties of the Surveyor 1 landing site. 23 p4064 A67-40950
- HALASZ, D.**
High-intensity ionization in a cold gas. 12 p1973 A67-25395
- HALASZ, G.**
Some remarks on the convergence of Fourier series of analytic functions. 07 p1215 A67-19474
- HALAUNBRENNER, J.**
Contact region of a hard ball rolling on a viscoelastic plate. 24 p4176 A67-42683
[ASME PAPER 67-LUB-25]
- HALAWA, J.**
Processing of measurement results from three-direction strain-gage rosettes with the aid of analog computers /Umrechnung der Messergebnisse aus den tensometrischen Dreirichtungsrosetten mit Hilfe von Analogrechnern/. 09 p1492 A67-21560
- HALBACH, C. R.**
3-KW concentric tubular resistojet performance. 02 p0302 A67-11937
[AIAA PAPER 66-224]
A pressure insensitive fluidic temperature sensor. 14 p2318 A67-28345
- HALBERG, F.**
Some aspects of the cardiovascular and renal circadian systems. 11 p1747 A67-24785
Circadian system phase - An aspect of temporal morphology - Procedures and illustrative examples. 14 p2255 A67-28480
- HALBERSTAM, H.**
Some applications of Bombieri's theorem. 06 p1025 A67-18733
- HALDA, E. J.**
Effectiveness of meteoroid bumpers composed of two layers of distinct materials. 10 p1725 A67-23716
- HALDEMAN, C. W.**
Harmonic response due to compressibility in travelling wave plasma devices possessing cylindrical symmetry. 03 p0485 A67-14051
On the use of ionization level as an independent variable for plotting plasma transport properties. 08 p1357 A67-20591
- HALDEN, F. A.**
High temperature Verneuil crystal growth by arc melting. 21 p3636 A67-38769
- HALDER, A. K.**
Theoretical properties of spheroidally-symmetric static arcs. 12 p1970 A67-25290
- HALE, D.**
Electron-acceptor properties of mellitic trianhydride. 04 p0587 A67-15952
- HALE, H. B.**
Physiological effects of an 18-hour flight in F4C aircraft. 03 p0364 A67-14287
- HALE, H. W.**
Digital real-time spectral analysis. 13 p2073 A67-27062
Equations for active networks - Existence of unique solutions. 15 p2456 A67-29238
- HALE, J. K.**
Periodic solutions of a class of hyperbolic equations containing a small parameter. 07 p1218 A67-20213
Extended dynamical systems and stability theory. 24 p4178 A67-42652
- HALE, L. C.**
Parameters of the low ionosphere at night deduced from parachute borne blunt probe measurements. 10 p1845 A67-23280
A summary of blunt probe theory and experimental results. 19 p3218 A67-35213
- HALE, R. H.**
The turbulent visco seal - Theory and experiment. 10 p1659 A67-22706
- HALENKA, J.**
Prognoses of geomagnetic activity and cosmic research. 07 p1175 A67-19719
The emission of particles, causing geomagnetic storms, without accompanying radio effects. 11 p1787 A67-24594
- HALEY, J. L., JR.**
Effect of rapid loading rates on the stress-strain properties of restraint webbing. 08 p1289 A67-20613
- HALFMAN, R. L.**
Systems design - A team effort. 16 p2781 A67-30784

- HALFORD, D.**
An intercomparison of hydrogen and cesium frequency
standards. 09 p1494 A67-21616
- HALFORD, G.**
A method of estimating high temperature low cycle fatigue behavior of materials. 16 p2777 A67-31813
- HALFORD, G. J.**
Noise comparators and standards for S and X bands. 09 p1495 A67-21621
- HALFORD, G. R.**
Application of a method of estimating high temperature low cycle fatigue behavior of materials. 24 p4251 A67-42483
- HALLAK, C. A.**
Ideal single sideband modulation. 19 p3181 A67-34848
- HALL, A. J.**
Rocket-borne equipment for an L.F. D region propagation experiment. 15 p2489 A67-30136
- HALL, A. M.**
Short-time tensile and long-time creep-rupture properties of the HK-40 alloy and type 310 stainless steel at temperatures to 2000 deg F.
[ASME PAPER 66-WA/MET-2] 04 p0639 A67-15344
- The short-time tensile and long-time creep-rupture properties of the HF and HH alloys.
[ASTM PAPER 52] 18 p3068 A67-34582
- HALL, D. B.**
Bending elements for plate and shell networks. 08 p1417 A67-20553
- HALL, D. E.**
Stochastic magnetic pumping. 21 p3662 A67-37762
- HALL, D. F.**
Mercury discharge devices and technology.
[AIAA PAPER 67-669] 21 p3691 A67-38703
- HALL, D. N. B.**
Optical effects of thermal structure in the lower atmosphere. 10 p1679 A67-22745
- HALL, G. N.**
Factors in fastener reliability. 11 p1795 A67-24040
- HALL, G. R.**
Scaling of VTOL aerodynamic suckdown forces. 17 p2791 A67-32588
- Response of bare wire thermocouples to temperature variations in a jet engine intake. 17 p2859 A67-32589
- Interaction of the wake from bluff bodies with an initially laminar boundary layer.
[AIAA PAPER 66-126] 17 p2793 A67-33005
- HALL, H.**
K-shell photoelectric cross sections for the Fermi-Thomas potential from 300 kev to 1.3 Mev. 04 p0661 A67-15763
- HALL, J. E.**
Rocket-borne equipment for an L.F. D region propagation experiment. 15 p2489 A67-30136
- HALL, J. L.**
Two-quantum photoionization of Cs and I super minus. 05 p0815 A67-18627
- Optical heterodyne measurement of neon laser's millimeter wave difference frequency. 11 p1803 A67-24832
- Electron affinity of helium via laser photodetachment of its negative ion. 22 p3815 A67-39614
- HALL, K. L.**
Measuring pulse parameters using digital techniques. 13 p2075 A67-26411
- Digital pulse-taking. 13 p2078 A67-26801
- HALL, L. A.**
Daytime variations in the composition of the upper atmosphere. 17 p2843 A67-32535
- HALL, L. B.**
A discussion of the planetary quarantine constraints. 15 p2424 A67-29098
- HALL, L. S.**
Two-streaming cyclotron instability. 21 p3661 A67-37748
- HALL, M. G.**
A new approach to vortex breakdown. 16 p2658 A67-30948
- Some impossible similarity solutions. 23 p3992 A67-41741
- HALL, N. S.**
Statistical properties of orbit perturbations induced by the earth's anomalous gravity.
[AIAA PAPER 67-93] 06 p1084 A67-18278
- Statistical properties of orbit perturbations induced by the earth's anomalous gravity. 21 p3700 A67-37785
- HALL, R.**
Method for checking ohmic back contact on semiconductor wafers using 4-point-probe measurements. 01 p0077 A67-11315
- HALL, R. B.**
Multilayer ohmic contacts on CdS. 06 p1050 A67-18142
- HALL, R. C.**
The metallurgy of alloy 718.
[ASME PAPER 67-MET-5] 12 p1956 A67-25949
- Comments on salvage and removal of man-made objects from outer space. 12 p2043 A67-26147
- Comments on salvage and removal of man-made objects from outer space. 20 p3556 A67-36484
- HALL, R. D.**
Evoked potentials - Three-dimensional display. 19 p3179 A67-34955
- HALL, R. G. N.**
Holography with a scatter-plate as beam splitter and a pulsed ruby laser as light source. 05 p0807 A67-16931
- HALL, R. T.**
The techniques of high resolution, double-beam, two-beam interferometry with a far infrared lamellar grating interferometer. 20 p3438 A67-36347
- HALL, S. H.**
The magnetic field of the ionospheric dynamo. 05 p0797 A67-16582
- Systematic diurnal variations in the period and polarization of magnetic micropulsations in South-West England. 17 p2841 A67-32212
- Measuring magnetic fields in space. 23 p3998 A67-40697
- HALL, T. A.**
Measurement of transient Stark and Zeeman shifts using a Fizeau interferometer. 20 p3439 A67-36351
- HALL, W. B.**
Review of fossil-fuel-fired thermionic energy converters. 09 p1448 A67-22341
- HALL, W. F.**
Molecular theories of rubberlike elasticity and polymer viscoelasticity.
[AIAA PAPER 67-488] 18 p3143 A67-33954
- HALL, W. M.**
Far infrared reflectance of spacecraft coatings.
[AIAA PAPER 65-653] 03 p0447 A67-13033
- HALLADAY, H. E.**
Field-dependent mobility effects in the excess noise of junction-gate field-effect transistors. 10 p1612 A67-23376
- HALLAM, K. L.**
Astronomical ultraviolet radiation. 04 p0696 A67-14700
- HALLEN, T. O.**
Electrocardiogram preprocessing unit. 09 p1455 A67-21715
- A linear beat-by-beat cardiotelemetry. 15 p2432 A67-29920
- HALLER, K.**
Intermediate vector bosons as unobservable particles. 13 p2161 A67-27578
- HALLER, R.**
Contribution to steady-state and pulsating viscous MHD channel flow with Hall effect /Ein Beitrag zur stationaeren und pulserenden, zaehen, magnetohydrodynamischen Kanalstroemung mit Hall-Effekt/. 13 p2165 A67-26642
- HALLER, R. W.**
Signal recognition as influenced by presentation schedules. 20 p3372 A67-36962
- HALLEY, R. W., JR.**
Propulsion capabilities and requirement for manned interplanetary missions. 01 p0142 A67-11402
- HALLEY, P.**
Attempt to make a short-term prediction of the IR sub 5 solar activity index /Essai d'une prevision a court terme de l'indice IR sub 5 de l'activite solaire/. 07 p1248 A67-19409
- Observations of equatorial spread F at Djibouti and at Dakar.
[AGARDOGRAPH 95] 15 p2484 A67-30307
- HALLGREN, D. S.**
High altitude balloon-top collections of cosmic dust. 10 p1708 A67-23239
- HALLIWELL, H.**
An application of self-lubricated composite materials.
[ASLE PREPRINT 67AM 7A-3] 14 p2326 A67-28791
- HALLMANN, W.**
Motion simulator for a large space-simulation chamber /Bewegungssimulator fuer die grosse Weltraumsimulationskammer/. 18 p3021 A67-34611
- HALLOCK, H. B.**
Polarimetry signature of terrestrial and planetary materials. 01 p0059 A67-10331
- HALLORAN, J. J.**
Effect of Fermi-level motion on normal-state properties of beta-tungsten superconductors. 23 p4038 A67-40794
- HALLS, G. A.**
Air cooling of turbine blades and vanes. 18 p3115 A67-34377
- Air cooling of turbine blades and vanes. 20 p3517 A67-37168
- HALLSTAFF, T. H.**
Aerodynamics of powerplant installation on supersonic aircraft.
[AIAA PAPER 66-665] 17 p2791 A67-32567
- HALOULAKOS, V. E.**
Analysis of jet attitude control systems subject to varying magnitudes of external disturbing torques.
[AIAA PAPER 67-537] 19 p3174 A67-35939
- HALPAIN, J. L.**
Design of an operational 4.2 deg K parametric amplifier system for satellite communications. 14 p2278 A67-27781
- HALPERIN, B. I.**
Impurity band tails in degenerate semiconductors. 06 p1081 A67-18923
- HALPERN, B.**
Chemical resolution of secondary /plus or minus/-alcohols. 06 p0956 A67-18576
- The Pasteur probe - An assay for molecular asymmetry. 15 p2433 A67-29116
- HALPERN, J.**
Oscillatory magneto-absorption of the direct transition in the layer compound gallium selenide at 1.5 deg K. 06 p1060 A67-18918
- HALPIN, J. C.**
Observations on the fracture of viscoelastic bodies. 08 p1421 A67-20913
- HALSTED, A. S.**
Self-constricted beam-generated plasmas. 19 p3275 A67-35106
- HALSTED, L. R.**
Coherent echo modulation and detection. 01 p0026 A67-10862
- HALSTED, R. E.**
New work on CdTe thin film solar cells. 23 p4046 A67-41495
- HALTINER, G. J.**
The effects of sensible heat exchange on the dynamics of baroclinic waves. 15 p2512 A67-30057
- HALTON, J. H.**
Error rates in differentially coherent phase systems in non-Gaussian noise. 01 p0025 A67-10861
- HAM, N. D.**
Limit cycle torsional motion of helicopter blades due to stall. 06 p0946 A67-17916
- HAM, R. K.**
The failure of copper-tungsten fibre composites in repeated tension. 02 p0254 A67-11793
- A review of the mechanisms of fatigue. 03 p0447 A67-13800
- Fatigue crack propagation in metals. 05 p0924 A67-17332
- HAMA, F. R.**
Experimental studies on the lp shock.
[AIAA PAPER 67-29] 06 p0986 A67-18260
- HAMA, G. M.**
Instrumentation for the measurement of low velocities with a pitot tube. 16 p2875 A67-31210
- HAMADA, M.**
Static deflection of a parallelogrammic plate with clamped edges subjected to uniform pressure. 15 p2573 A67-29312
- Strength of U-shaped bellows. 22 p3913 A67-40037
- HAMAGUCHI, C.**
Current saturation and instabilities in CdS crystals. 06 p1066 A67-18958
- Microwave measurement of differential negative conductivity due to intervalley transfer of hot electrons in n-type GaAs. 14 p2369 A67-28595
- HAMAI, M.**
Focusing lens for electromagnetic waves. 18 p3010 A67-33646
- HAMAKER, F. M.**
Accelerated testing of the mechanical and thermal integrity of polymeric materials. 10 p1672 A67-23743
- HAMAKER, J. C., JR.**
New steels for aerospace

- tooling. 10 p1688 A67-23011
- HAMAL, K.**
Comparison of rotating mirror and liquid bleacher as a Q switch for a ruby laser. 17 p2871 A67-33390
- HAMAN, K.**
On the cumulus convection above an isolated source of heat. 09 p1491 A67-21552
- HAMANA, S.**
On the observation of solar flares with the monochromatic heliograph at Mitaka. 14 p2384 A67-28095
- HAMANAKA, J.**
On the plastic buckling of spar flanges. 20 p3537 A67-36642
- HAMANN, C.**
On the electric and thermoelectric properties of copper phthalocyanine single crystals. 14 p2376 A67-29086
- HAMANN, J.**
Contribution to the definition of a STOL light aircraft /Contribution a la definition d'un avion léger STOL/. 03 p0358 A67-12980
- HAMBERGER, S. M.**
Ion heating in a turbulent plasma. 20 p3497 A67-36531
- HAMEL, B. B.**
A discrete ordinate technique for the non-linear Boltzmann equation with application to pseudoshock relaxation. 13 p2102 A67-26973
Non-equilibrium effects in spherical expansions of polyatomic gases and gas mixtures. 13 p2104 A67-26983
- HAMEL, P.**
Effect of the density gradient on the longitudinal motion of an aircraft /Einfluss des Dichtegradienten auf die Laengsbewegung des Flugzeugs/. 06 p0944 A67-17625
- HAMELIN, G.**
Solar-sensor system for the D-2 satellite /Le système de senseurs solaires pour le satellite D-2/. 21 p3629 A67-38666
- HAMER, R.**
Multiple-access communications satellites. 11 p1754 A67-24719
- HAMID, M. A. K.**
Mutual coupling between sectoral horns side by side. 16 p2639 A67-31355
Near field of a conducting wedge. 16 p2627 A67-31365
- HAMIELEC, A. E.**
Numerical solution of the Navier-Stokes equation for flow past spheres. I. 12 p1927 A67-25282
Numerical solution of the Navier-Stokes equation for flow past spheres. II. 12 p1927 A67-25283
- HAMILL, T. D.**
Film boiling heat transfer from a horizontal surface as an optimal boundary value process. 04 p0734 A67-15849
A generalized correlation of vaporization times of drops in film boiling on a flat plate. 04 p0734 A67-15850
Film boiling from a thin wire as an optimal boundary-value process. [ASME PAPER 67-HT-62] 20 p3549 A67-36744
- HAMILTON, C. W.**
Post-induction kinetics in shock-initiated H sub 2-O sub 2 reactions. 18 p3153 A67-33823
- HAMILTON, G. E.**
Experiences with SAMSOM I modeling techniques in early design. [AIAA PAPER 66-786] 01 p0009 A67-10530
- HAMILTON, G. W.**
Ionization of 200-300-kev hydrogen and deuterium atomic beams by a carbon arc. 17 p2908 A67-33115
- HAMILTON, M. J.**
Hydraulic gimballing in space. 03 p0363 A67-13535
- HAMILTON, P. A.**
Ionized hydrogen in the plane of the galaxy. 02 p0307 A67-11688
- HAMILTON, R. A.**
A difficulty in the interpretation of certain solar radiation measurements. 13 p2113 A67-26739
- HAMILTON, T. N.**
Chemical vapor deposition of epitaxial YIG on YAG and epitaxial GdIG on YAG. 15 p2539 A67-29824
- HAMILTON, W. F.**
Spontaneous ignition testing for high speed aircraft. 09 p1521 A67-22249
- HAMITER, L.**
Infrared techniques for the reliability enhancement of microelectronics. 10 p1610 A67-22977
- HAMM, F. M.**
Airglow and enhanced penetrating electromagnetic radiation in the southern radiation anomaly. 12 p1996 A67-25775
- HAMM, J. M.**
Further experimental study of plasma sheath effects on antennas. 05 p0769 A67-16000
- HAMMACK, J. B.**
Safety in recovery operations. [AIAA PAPER 67-852] 24 p4243 A67-42965
- HAMMAN, D. J.**
Space-radiation effects in integrated circuits. 04 p0588 A67-15702
- HAMMANN, W. C.**
Evaluation of lubricants using optical elastohydrodynamics. [ASLE PAPER 67-LC-12] 24 p4164 A67-42747
- HAMMARSKJOELD, K.**
Economic implications of high-capacity supersonic aircraft /Implications économiques des avions a grande capacité et supersoniques/. 16 p2782 A67-30838
- HAMMEL, E. F.**
Critical phenomena in fluids. 05 p0928 A67-17011
Applications of liquid helium in space operations. 22 p3781 A67-40393
He II persistent current gyro element for inertial navigation. 22 p3808 A67-40395
- HAMMER, E. W.**
Pressure shell structures for space. 10 p1661 A67-23731
- HAMMER, H.**
Adjustment of a gas laser system /Ustawienie układu optycznego lasera gazowego/. 12 p1952 A67-25364
- HAMMER, J. M.**
Intra-cavity color selection in ion lasers. 06 p1010 A67-17888
Mechanisms of electron beam excitation of ion lasers. 09 p1514 A67-22272
Measurements of electron impact excitation cross sections of laser states of argon /II/. 10 p1665 A67-23382
Coupling between slow waves and convective instabilities in solids. 18 p3101 A67-34017
- HAMMER, U.**
A navigational aid for manned interplanetary flight. 15 p2514 A67-29598
- HAMMER, W.**
Progressive qualitative hazard analyses. [AIAA PAPER 67-935] 24 p4280 A67-43025
- HAMMER, W. N.**
Shallow acceptor states in ZnTe and CdTe. 02 p0280 A67-11484
- HAMMERSLEY, J. M.**
Subadditive functional expectations. 15 p2512 A67-30228
- HAMMERTON, M.**
Factors affecting the use of simulators for training. 02 p0186 A67-12072
- HAMMITT, A. G.**
Hot-wire measurements of wake turbulence in a ballistic range. 05 p0750 A67-17346
A new formulation of the thermodynamic limits on the performance of chemical and nuclear engines. [AIAA PAPER 67-227] 06 p1029 A67-18445
Perfect thermodynamic vapor concept and application to the analysis of power conversion cycles. 07 p1288 A67-19367
Magnetohydrodynamic liquid metal power conversion systems. 16 p2606 A67-30590
- HAMMITT, F. G.**
Two-phase materials attrition problems for Rankine cycle liquid metal power plants. [ASME PAPER 66-GT/CLC-4] 01 p0014 A67-10872
Detailed damage characteristics in a cavitating venturi. [ASME PAPER 66-WA/FE-39] 04 p0608 A67-15447
- HAMMITT, R. L.**
Integrated structural design for man-rated space vehicles. 16 p2756 A67-30630
- HAMMOND, D. L.**
Signal processing techniques for a lunar radar system. 08 p1293 A67-20689
- HAMMOND, M. B.**
Optimization of base thermal protection system for advanced Saturn II boosters employing strap-on solid propellant motors. 10 p1735 A67-23729
Optimization of base thermal protection system for advanced Saturn II boosters employing strap-on solid-propellant motors. 24 p4256 A67-42915
- HAMMOND, M. L.**
Autoradiographs in pyrolytic graphite. 02 p0257 A67-11896
- HAMMOND, P. H.**
Self-optimizing and adaptive control systems. 08 p1312 A67-20753
- HAMMOND, T. H.**
A threshold detecting "G" limiter. 12 p1943 A67-25719
- HAMMOND, W. E.**
Application of diode break-point analysis and worst-case design techniques to the development of a high-speed transmission gate. 14 p2287 A67-28686
- HAMNER, N. E.**
Performance of exceptional metals in corrosive environments. 23 p4018 A67-40899
- HAMPEL, D.**
Radiation-resistant logic circuits. 02 p0219 A67-12161
- HAMPTON, D. E.**
Group-velocity variations of V.L.F. signals. 15 p2515 A67-30134
- HAMPTON, W.**
The problem of cavitation erosion in aircraft hydraulic systems. 05 p0753 A67-16748
Cavitation erosion in aircraft hydraulic systems /Das Problem der Kavitationserosion in Flugzeughydrauliksystemen/. 07 p1132 A67-20149
- HAMRICK, J. T.**
Development of cartridges for aircraft engine cartridge starters. [ASME PAPER 67-GT-21] 11 p1854 A67-24803
- HAMROCK, B. J.**
The Rayleigh step bearing applied to a gas-lubricated journal of finite length. [ASME PAPER 65-WA/LUB-2] 08 p1335 A67-20917
Rayleigh step journal bearing. I. [ASME PAPER 67-LUB-17] 24 p4163 A67-42676
- HAMZA, M. H.**
Time optimal flight trajectories in the pursuit problem. 21 p3712 A67-39151
- HAMZA, V.**
The accuracy of numerical solutions for electron gun design. 14 p2287 A67-28677
Lighting conditions for a lunar landing mission. 20 p3521 A67-36598
- HAN, B. S.**
Heat transfer from laminar flow in ducts with elliptic cross-section. 12 p2033 A67-25215
- HAN, J.**
Application of high resolution gas chromatography-mass spectrometry to the analysis of the pyrolysis products of isoprene. 10 p1602 A67-22947
- HAN, K. W.**
Control system analysis and design using a parameter space method. 01 p0047 A67-11216
Analysis and design of missile and aircraft control systems. 09 p1483 A67-22489
- HAN, Y.-L.**
Grain boundary relaxation of molybdenum and the mechanism of the embrittling effect of interstitial impurity additions. 05 p0829 A67-16505
- HANA, V.**
A solar radiospectrograph for the 30 to 300-MHz range /Slunečni radiový spektroskop pro pásmo 30 až 300 MHz/. 21 p3627 A67-38497
- HANAFEE, J. E.**
Effect of high pressure on a strain gauge load cell. 17 p2855 A67-32393
- HANAMURA, E.**
Quantum limit galvanomagnetic phenomena in n-InSb. 13 p2184 A67-27690
- HANAMURA, Y.**
The flexure-torsion flutter of aerofolds in cascade. I. 22 p3914 A67-40040
- HANASZ, J.**
Chains of type I solar radio bursts. 03 p0508 A67-14359
- HANAWA, T.**
Numerical examination of the effects of constraint on the trial function in direct application of variational calculus - Pure torsional vibration of a cantilever beam of thin walled open cross section as an example. 05 p0917 A67-16418
- HANCE, H. V.**
Optical imaging of a complex ultrasonic field by diffraction of a laser beam. 15 p2487 A67-29496
- HANCOCK, J. C.**
Iterative computation of a posteriori probability for M-ary nonsupervised adaptation. 06 p0965 A67-17947

- HANCOCK, J. K.**
Apollo applications program - Experiment selection process. 08 p1411 A67-20967
[AAS PAPER 66-142]
Apollo applications program experiment selection process. 13 p2214 A67-27548
[AAS PAPER 66-142]
- HANCOCK, J. R.**
Transmission electron microscopy of interfacial areas in metal-matrix composites. 14 p2336 A67-28096
Plastic yielding and strain distribution in filament-reinforced metals. 18 p3067 A67-34573
[ASTM PAPER 8]
- HANCOCK, T. W.**
AAFSS /AH-56A/ application of a fully integrated avionics aircraft weapons system. 19 p3196 A67-35666
- HANDELSMAN, M.**
Some necessary conditions for optimal fixed-time powered transfers with multiple coasts and thrusts between circular orbits. 02 p0328 A67-12402
The primer vector on fixed-time impulsive trajectories. 06 p1086 A67-18352
[AIAA PAPER 67-54]
- HANDELSMAN, R. A.**
Axially symmetric potential flow around a slender body. 13 p2095 A67-26911
The electrostatic field around a slender conducting body of revolution. 23 p4026 A67-40753
- HANDJANI, H.**
Sonic analysis for turbine engines. 01 p0076 A67-11141
- HANDLER, E. H.**
Tilt and vertical float aircraft for open ocean operations. 03 p0354 A67-12901
- HANDY, R. J.**
Theoretical analysis of the series resistance of a solar cell. 19 p3177 A67-36037
- HANEL, R. A.**
The merits and shortcomings of a Michelson type interferometer to obtain the vertical temperature and humidity profile. 02 p0246 A67-12365
Acoustic experiment to determine the composition of an unknown planetary atmosphere. 03 p0509 A67-13215
- HANES, H. D.**
Fabrication of complex beryllium shapes by gas-pressure compaction. 13 p2123 A67-27131
- HANEY, G. M.**
Communication satellites. 06 p1094 A67-18050
- HANEY, M. D.**
Automatic control of space radiator systems. 22 p3916 A67-39174
- HANINK, D. K.**
Heat treating titanium and its alloys. 16 p2681 A67-30486
Heat treating nickel-base superalloys. 17 p2865 A67-33045
Processing precipitation hardening grades. 21 p3634 A67-38178
- HANKEY, W. L.**
Prediction of incipient separation in shock-boundary-layer interactions. 06 p0992 A67-18874
Approximate closed-form solutions for supersonic laminar separated flows. 10 p1591 A67-23115
- HANKIN, R. B.**
Measurement of optical surface roughness using coherent radiation. 01 p0020 A67-10020
- HANKINS, L. D.**
Dynamic stresses in a thick-walled spherical shell of Voigt material. 01 p0164 A67-11174
- HANKS, R. W.**
Experimental investigation of the laminar-turbulent transition for Newtonian flow in rectangular ducts. 19 p3210 A67-35616
- HANLON, J.**
Narrowband optical heterodyne detection. 10 p1654 A67-22752
- HANLON, J. E.**
Plastic deformation of single-crystal NIAL. 21 p3645 A67-38774
- HANNA, D. C.**
Ruby laser loss measurement by comparison of $R_{sub 1}$, $R_{sub 2}$ thresholds. 05 p0819 A67-16655
- HANNAH, C. G.**
Reinforced plastics for jet lift engines. 15 p2508 A67-29671
- HANNAH, R. G.**
Space evacuation of NRC-2 insulation for liquid hydrogen tankage. 10 p1734 A67-23727
- HANNAN, P. W.**
Proof that a phased-array antenna can be impedance matched for all scan angles. 11 p1758 A67-23975
- HANNAN, W. J.**
Laser voice and video communications - Applying the GaAs room-temperature injection laser and GaAs electro-optic crystal. 02 p0194 A67-11786
Application of injection lasers to communication and radar systems. 07 p1194 A67-19086
- HANNEMAN, G. D.**
Changes produced in urinary sodium, potassium, and calcium excretion in mice exposed to homogeneous electromagnetic stress. 10 p1600 A67-23819
- HANNEMAN, R. E.**
Hexagonal diamonds in meteorites - Implications. 08 p1400 A67-21264
On the existence of electromechanical and photomechanical effects in semiconductors. 23 p4045 A67-41472
- HANNEMANN, D.**
Radio nuclide generator with a thermionic converter /ein Radionuklidgenerator mit thermionischem Wandler/. 04 p0559 A67-15963
- HANNEN, R. A.**
An application of an analog computer to solve the two-point boundary-value problem for a fourth-order optimal control problem. 11 p1771 A67-24893
- HANNER, D. W.**
High-temperature testing and evaluation of graphite helical-screw expanders and compressors. 15 p2492 A67-29427
- HANNIGAN, J. M.**
Redundant system test point allocation and mission reliability estimation procedures. 08 p1300 A67-20637
- HANNISDAHL, B.**
Radioactivity in civilian Norwegian pilots. 15 p2429 A67-29283
- HANNON, J. P.**
Acute altitude sickness in females. 03 p0365 A67-14298
- HANNUM, N. P.**
The effect of several injector face baffle configurations on screech in a 20,000-pound thrust hydrogen-oxygen rocket. 04 p0691 A67-15987
- HANOUSEK, J.**
Miniaturized multichannel biotelemetry /Miniaturni vícekanalova biotelemetrie/. 14 p2256 A67-28210
- HANSEL, J. G.**
Technique for measuring the emittance of polymers at elevated temperatures. 20 p3446 A67-36663
- HANSEN, A. G.**
An experimental study of MHD flow between concentric tubes. 04 p0668 A67-15366
[ASME PAPER 66-WA/FE-35]
Radial flow of viscous non-Newtonian fluids between disks. 21 p3612 A67-38381
Generalized similarity analysis of partial differential equations. 24 p4180 A67-43082
- HANSEN, C. J.**
Vibrating neutron stars. 22 p3882 A67-39619
- HANSEN, D.**
Molecular weight and the thermal conductivity of high polymers. 01 p0103 A67-10295
- HANSEN, D. O.**
Ion engine arcing induced by micrometeoroids. 02 p0302 A67-11936
[AIAA PAPER 66-205]
An estimate of the near-earth meteor flux. 19 p3319 A67-35217
- HANSEN, E.**
Interval arithmetic in matrix computations. II. 13 p2147 A67-27170
- HANSEN, J. P.**
A fast risetime avalanche transistor pulse generator for driving injection lasers. 09 p1510 A67-21642
- HANSEN, K. F.**
Deep penetration of radiation by the method of invariant imbedding. 11 p1817 A67-25063
- HANSEN, L. K.**
Transport effects in the electron-rich unignited mode of cesium diodes. 11 p1849 A67-24902
The plasma physics of thermionic converters. 22 p3747 A67-39342
- HANSEN, Q. M.**
A gyroless solar pointing attitude control system for the Aerobee sounding rocket. 08 p1409 A67-20540
A gyroless solar pointing attitude control system for the Aerobee sounding rocket. 24 p4242 A67-42905
- HANSEN, R. C.**
Large apertures and arrays. 14 p2285 A67-28449
- HANSEN, R. R.**
Automatic altitude reporting systems. [SAE PAPER 670256] 12 p1941 A67-25506
- HANSON, D. G.**
The intermediate and high-frequency noise of probes immersed in gas discharges. 12 p1948 A67-26226
- HANSON, F. B.**
Kinetic models for a gas with internal structure. 11 p1775 A67-23864
- HANSON, J. P.**
Heat pipe analysis. 24 p4255 A67-42553
- HANSON, K. J.**
The "chirp" digital radiosonde. 10 p1655 A67-22823
- HANSON, K. L.**
Report on cadmium telluride thin film solar array technology. 23 p3938 A67-41498
- HANSON, L. B.**
Radar observations of Venus at 23 cm in 1965/1966. 05 p0889 A67-16297
- HANSON, M. A.**
Duality for variational problems. 14 p2345 A67-28908
- HANSON, M. P.**
Glass-, boron-, and graphite-filament-wound - Resin composites and liners for cryogenic pressure vessels. 24 p4176 A67-42470
- HANSON, P.**
Experimental comparison of trauma in lateral /plusG sub y/, rearward facing /plusG sub x/, and forward facing /minusG sub x/ body orientations when restrained by lap belt only. 22 p3750 A67-39594
Injury in lateral impact -/G-y/ when restrained by aircraft seat belt only. 23 p3954 A67-41595
- HANSON, P. G.**
Radiographic studies of cardiac displacement during abrupt deceleration. [ARL-TR-67-17] 08 p1287 A67-20614
Cardiovascular dynamics and cardiac displacement during abrupt deceleration of dogs. 23 p3951 A67-41552
- HANSON, R. J.**
Reduction theorems for systems of ordinary differential equations with a turning point. 05 p0835 A67-16779
- HANSON, W. B.**
Ionization transport effects in the equatorial F region. 04 p0614 A67-14954
Progress in magnetospheric radio. 05 p0795 A67-16011
- HANTUSCH, G. H.**
An economical method of achieving large scale integration. 18 p3014 A67-34553
- HANTZSCHE, E.**
Space flight problems in cislunar space. III /Probleme des Raumfluges im Erd-Mond-Bereich. III/. 05 p0897 A67-16732
Energy distribution function in the cathode drop space of glow discharges /Energieverteilungsfunktionen im Fallraum von Glimentladungen/. 07 p1229 A67-19516
Influence of charge exchange and plasma efficiency on the cathode fall region of a normal glow discharge. 19 p3273 A67-35098
- HANUS, J.**
Generation of very intense pulses at 5300 angstrom units with the aid of a very-high-power laser - Saturation and possibilities in the near ultraviolet /Generation d'impulsions tres intenses a 5300 angstrom units avec un laser de tres grande puissance - Saturation et possibilites dans le proche ultraviolet/. 01 p0090 A67-10759
Absorption of several optical photons in molecular crystals /Absorption a plusieurs photons optiques dans les cristaux moleculaires/. 20 p3457 A67-36326
- HAPASE, M. G.**
Oxidation of blismuth. 06 p1013 A67-17659
- HAPKE, B.**
Surveyor I and Luna IX pictures and the lunar soil. 11 p1865 A67-24607
A readily available material for the simulation of lunar optical properties. 11 p1885 A67-24609
- HAPKE, B. W.**
Electron microprobe analyses of powders darkened by simulated solar-wind irradiation. 16 p2753 A67-31745
- HAPP, W.**
Computer-aided design.

- III. 04 p0578 A67-15088
- HAPP, W. W.**
Flowgraphs as a teaching aid. 01 p0030 A67-11042
Algorithms for the representation of the dichotomous macrocircuits. 08 p1299 A67-20326
Reciprocal time domain analysis of distributed networks. 08 p1310 A67-20340
Availability of computer programs for circuit design. 13 p2074 A67-27492
Combinatorial analysis of multi-terminal devices. 18 p3016 A67-33496
Algorithms for the representation of systems. 18 p3005 A67-33498
Modelling of thermal and electrical interaction in solid state devices. 19 p3191 A67-34845
Sensitivity analysis. 19 p3200 A67-34846
Modelling procedures for interactions between thermal and electrical device parameters. 19 p3206 A67-36034
Dimensional analysis of semiconductor phenomena and devices. 20 p3506 A67-36235
Computer-oriented procedures for dimensional analysis. 23 p3977 A67-41458
- HAPPER, W.**
Coherent detection of a new type of optical double-quantum transition. 13 p2127 A67-27079
- HAPPER, W., JR.**
Electric-field level-crossing spectroscopy. 06 p1035 A67-17830
- HARA, H.**
Meridian observation of the declinations of major planets and minor planets during the period 1951-1959. 20 p3524 A67-36839
- HARADA, K.**
The synthesis, resolution and configuration of beta-hydroxyvaline. 07 p1137 A67-20014
Optical resolution and configuration of trans-2, 3-epoxybutyric acid. 07 p1137 A67-20015
Formation of amino-acids by thermal decomposition of formamide - Oligomerization of hydrogen cyanide. 20 p3376 A67-36700
Sterically controlled syntheses of optically active alpha-amino acids from alpha-keto acids by reductive amination. 20 p3376 A67-36874
On the reactions of carbonyl compounds with N-salicylidene-glycinato-cu(II) - Syntheses of beta-hydroxy alpha-amino acid from glycine. 20 p3376 A67-36877
Syntheses of optically active alpha-amino acids from alpha-keto acids by hydrogenolytic asymmetric transamination. 24 p4119 A67-42703
- HARADA, M.**
Star system. III. 13 p2068 A67-26719
- HARADA, R. H.**
Heterodyne detection and linewidth measurement with high power CO sub 2 lasers. 06 p1010 A67-17891
- HARANG, L.**
VLF emissions observed near and south of the auroral zone. 18 p3039 A67-33622
- HARANG, O.**
Upper atmosphere densities and temperatures at 105-165 kilometers from diffusion and spectral intensity of AlO trails. 14 p2310 A67-28050
- HARARI, O.**
Inversion of the eccentricity effect in stiffened cylindrical shells buckling under external pressure. 04 p0716 A67-15746
Influence of in-plane boundary conditions on the stability of conical shells under hydrostatic pressure. 11 p1873 A67-24214
General instability of cylindrical shells with nonuniform stiffeners. 11 p1874 A67-24225
On the stability of eccentrically stiffened cylindrical shells under axial compression. 17 p2961 A67-32775
- HARARY, F.**
Graphs and matrices. 10 p1673 A67-22832
- HARBAUGH, W. E.**
The development of a high-temperature reservoir for automatic control of cesium pressure. 09 p1449 A67-22349
- HARBEKE, G.**
Metastable excitons in CdI sub 2 and PbI sub 2. 06 p1060 A67-18915
- HARBERT, B. C.**
An introduction to the mechanical response of a highly filled elastomer in a triaxial tensile stress field. 15 p2575 A67-29978
- HARBOUR, P. J.**
Preliminary measurements of the hypersonic rarefied flow field on a sharp flat plate using an electron beam probe. 14 p2241 A67-28167
- HARBOUR, C. O.**
Nonreciprocal tunnel diode distributed amplifier. [AFOSR-67-1406] 13 p2079 A67-26876
- HARCROW, H.**
A technique for analyzing control gains using frequency response methods. [AIAA PAPER 66-484] 08 p1413 A67-21509
- HARD, T. M.**
Comparison of the He-Ne laser with the Hg 4358 and 5461 angstrom units lines as a Raman excitation source. 03 p0438 A67-13912
- HARDAGE, B. A.**
Effect of body porosity on hypervelocity impact. 22 p3912 A67-39748
- HARDEBECK, H. E.**
Interplanetary scintillations. II. 09 p1565 A67-22223
- HARDEN, D. G.**
The use of vaporizing underlayers for transpiration cooling of re-entry vehicles. 22 p3901 A67-39934
- HARDEN, W. R.**
Digital filters with IC's boost Q without inductors. 18 p3012 A67-34490
- HARDER, D.**
Filter techniques in planet satellite orbit parameter estimation. 14 p2347 A67-28130
- HARDER, I. E.**
Reinforced pyrolyzed plastic composites for aerospace applications. 03 p0443 A67-13415
- HARDER, R. L.**
Experimental performance of the alpha thruster. [AIAA PAPER 67-687] 21 p3692 A67-38718
The guided-light display panel. [SAE PAPER 670196] 24 p4097 A67-41986
- HARDGROVE, W. F.**
Recent developments in the application of cryogenics to space simulation. 12 p1924 A67-25717
Sorption pumping of residual gases at cryogenic temperatures. 13 p2106 A67-27648
- HARDIE, F.**
A connector sealing technique for extended-mission computers. 15 p2442 A67-29182
- HARDIE, F. H.**
Computer partitioning improves long-term reliability in space. 15 p2439 A67-29306
Design and use of fault simulation for Saturn computer design. 21 p3588 A67-38181
- HARDIN, M. C.**
Ammonia combustion properties and performance in gas-turbine burners. 18 p3109 A67-33843
- HARDIN, R. H.**
A multiple format telemetry programmer. 14 p2275 A67-28689
- HARDING, D. W.**
Flicker noise in silicon planar transistors. 09 p1474 A67-22041
- HARDING, J. T.**
Disappearance of thermal magnetic fluctuations in a superconductor. 17 p2913 A67-32272
- HARDING, R. C.**
Parametric excitation of Alfvén waves. 11 p1844 A67-25062
- HARDING, W. R.**
An integrated high-voltage solar cell. 23 p3937 A67-41492
- HARDISSON, A.**
Molecular collisions. V. 14 p2259 A67-28298
Second-order density matrix for a spin-projected single determinant. 16 p2705 A67-31759
- HARDRATH, H. F.**
Fatigue of structural materials suitable for the supersonic transport. 22 p3819 A67-39457
- HARDWAY, G. A.**
The generation of narrow beam divergent "Q" switched laser pulses. 01 p0091 A67-11024
- HARDY, G.**
Functions for thermal stress calculation near a transient heat source on a flat surface. 09 p1576 A67-22422
- HARDY, G. H.**
The reliability contribution of the pilot to a large launch vehicle control system. [AIAA PAPER 67-554] 19 p3335 A67-35951
- HARDY, K. R.**
Radar observations of insects in free flight. [AFCRL-67-0127] 03 p0371 A67-13916
Dot angels - Insects and birds. 04 p0569 A67-14680
24 hour history of radar angel activity at three wavelengths. 04 p0649 A67-14681
Radar detection of the tropopause and clear air turbulence. 04 p0649 A67-14682
Radar analysis of the clear atmosphere - Angels. 14 p2264 A67-28395
Clear-air turbulence - Simultaneous observations by radar and aircraft. 20 p3481 A67-36996
- HARDY, R.**
Low-cost boosters. 15 p2566 A67-29832
- HARDY, R. G.**
A new thermal radiative flux gage. 11 p1792 A67-24821
- HARDY, W. A.**
Mechanisms of atom recombination on surfaces. 18 p2997 A67-33794
- HARGER, R. O.**
Statistically optimum optical data processing with automatic focus estimation. 04 p0578 A67-14875
Linear minimum variance estimation with complex phase errors. 18 p3001 A67-34111
On processing optical images propagated through the atmosphere. 21 p3586 A67-38954
On optimum aperture usage for randomly propagated signals. 24 p4124 A67-42814
- HARGEST, T. J.**
Noise of VTOL aircraft. 06 p0946 A67-17912
The influence of added narrow band noises and tones on the subjective response to shaped "white" noise. 17 p2795 A67-32125
- HARGROVE, L. E.**
Optical frequency translation of mode-locked laser pulses. 02 p0253 A67-12506
- HARIHARAN, T. A.**
A modified skylight polarimeter. 18 p3046 A67-33748
- HARING, D. R.**
Sequential-circuit synthesis-state assignment aspects. 07 p1147 A67-19208
- HARINGTON, J. S.**
Polycyclic aromatic hydrocarbons in carbonaceous meteorites. 02 p0320 A67-11476
- HARIVEL, J. P.**
Structure and electrochemical properties of nickel hydroxides. 09 p1458 A67-22183
- HARKLESS, E. T.**
Excitation of higher-order antenna modes by multipath propagation. 20 p3385 A67-37355
- HARLAND, D. A.**
Design principles for air-cushion devices. [ASME PAPER 67-DE-61] 14 p2246 A67-28884
- HARLAND, G. E.**
Stability analysis for the practical engineer. 21 p3602 A67-38129
- HARLAND, H. B.**
Conduction band of GaSb. 03 p0501 A67-14347
- HARLEY, A.**
Determination of cardiac output in man by means of impedance plethysmography. 23 p3951 A67-41563
- HARLEY, R. A.**
Impromptu vibration data acquisition with the ELI-31 recorder. 12 p1942 A67-25682
- HARLOW, F. H.**
Distortion of a splashing liquid drop. 19 p3212 A67-35895
Simulating fluid turbulence. 21 p3612 A67-38193
- HARMAN, D. G.**
Thermal fatigue analysis of a cryogenically cooled rocket nozzle. 22 p3834 A67-40183
- HARMAN, G. G.**
The use of semiconductors for the study of boiling heat transfer to low temperature liquids. 16 p2780 A67-31533
- HARMAN, T. C.**
Diode lasers of Pb sub 1-y Sn sub y Se and Pb sub 1-x Sn sub x Te. 09 p1551 A67-21571
Thermoelectric and thermomagnetic effects and applications. 20 p3514 A67-37464
- HARMON, G. S.**
Radiation temperature and enhanced diffusion in a radio-frequency discharge. 23 p4032 A67-40897
- HARMON, M. B.**
Limitations of fatigue-crack research in the design of flight vehicle structures. 24 p4247 A67-41942
- HARMON, R. A.**
A comparison of oil and gas lubrication systems for closed-loop gas-turbine machinery. [ASME PAPER 67-GT-3] 11 p1799 A67-24791

- HARMS, G.**
Improvement of the sensitivity of a leak-detection device by elimination of the residual gas originating from scattered ions /Amelioration de la sensibilité d'un appareil détecteur de fuites par élimination du résidu provenant d'ions dispersés/. 04 p0625 A67-15631
- HARNED, M. S.**
Hot cycle rotor/wing for high speed city center transportation. [AIAA PAPER 67-770] 24 p4095 A67-42938
- HAROULES, G. G.**
Technique for absolute temperature measurements at microwave frequencies. 20 p3444 A67-36521
Relative flux densities of radio sources at a frequency of 8 GHz. 24 p4224 A67-41824
- HARP, J. F.**
The effects of gradient flows on form drag forces. 22 p3740 A67-39941
- HARP, R. S.**
Collisional mechanism for producing electron cyclotron echoes from plasmas. 04 p0665 A67-15105
On the interpretation of ionospheric resonances stimulated by Alouette 1. 07 p1179 A67-19916
Some studies of electron cyclotron echoes from plasma. 23 p4031 A67-40889
Observation of resonance rectification effects in a magnetoplasma. 24 p4199 A67-43101
- HARPER, C. A.**
Encapsulations and coatings. 08 p1335 A67-20749
- HARPER, C. M.**
Flux jumps in a hard superconductor in superimposed AC and DC magnetic fields. 04 p0682 A67-15328
High-field superconductors at elevated temperatures. 14 p2373 A67-28916
- HARPER, C. R.**
Medical/human factors aspects of jetliner flight in severe turbulence. 13 p2064 A67-27262
- HARPER, D. T., JR.**
Pathology of animals exposed for periods up to 92 days to a pure oxygen atmosphere at reduced pressure. 13 p2059 A67-26918
Proliferative pulmonary lesions in monkeys exposed to high concentrations of oxygen. 15 p2428 A67-29276
Comparative pathology of animals exposed to carbon tetrachloride in oxygen at 258 mm. hg and in ambient air. 21 p3573 A67-38070
- HARPER, E. Y.**
Drag on a cylinder between parallel walls in Stokes' flow. 08 p1323 A67-21390
- HARPER, H. P.**
An evaluation of an integrated V/STOL display concept. 17 p2861 A67-33182
- HARPER, J. F.**
The effect of the variation of surface tension with temperature on the motion of bubbles and drops. 08 p1321 A67-20711
- HARPER, J. G.**
Semiconductor reliability - Focus on the contacts. 06 p0971 A67-18246
- HARPER, T. P.**
The optimization of space-craft coating patterns for temperature control. [ASME PAPER 67-HT-55] 20 p3548 A67-36737
- HARPER, T. W.**
The design and use of aircraft de-icing mats. 07 p1129 A67-19873
- HARPUR, N. F.**
Concorde structural development. [AIAA PAPER 67-402] 15 p2578 A67-30369
- HARRACH, R.**
An intercomparison of hydrogen and cesium frequency standards. 09 p1494 A67-21616
- HARRAHY, D. J.**
Inventory control models for logistics planning and operational readiness with cost constraints. 18 p3162 A67-34680
- HARRIES, J. R.**
A strong X-ray source in the vicinity of the constellation Crux. 17 p2937 A67-32761
- HARRIMAN, J. E.**
The use of projection in SCF spin density calculations. 13 p2160 A67-26540
Second-order density matrix for a spin-projected single determinant. 16 p2705 A67-31759
Spin-projected and extended SCF calculations. 20 p3483 A67-36230
The hyperfine splitting of the interaction energy of two hydrogen atoms. 21 p3658 A67-37814
- HARRINGTON, J. B.**
Ultrawide bandwidth pulse compression in YIG. 01 p0132 A67-10435
- HARRINGTON, J. E.**
Planning for the operation of the Boeing 747 and SST aircraft. [AIAA PAPER 67-394] 15 p2421 A67-30361
- HARRINGTON, J. V.**
Electron density in the solar corona. 06 p1091 A67-18996
A study of satellite altimetry for geophysical and oceanographic measurement. 16 p2742 A67-30688
- HARRINGTON, R.**
Polymeric applications for the Mariner Mars, 1964 spacecraft. [JPL-TR-32-1031] 19 p3334 A67-35889
- HARRINGTON, R. E.**
High powered carbon arcs. 12 p1921 A67-25697
- HARRIS, B.**
Creep and tensile properties of heavily drawn tungsten wire. 06 p1013 A67-17799
Solution hardening in niobium. 07 p1209 A67-19642
The influence of some solutes on Young's modulus of niobium. 09 p1519 A67-22398
Introduction to the theory of spectral analysis of time series. 20 p3476 A67-36783
- HARRIS, C. E.**
Flight evaluation of simple liquid transport cooling system for aircrewmembers. 23 p3966 A67-41581
- HARRIS, C. J.**
MHD generator and accelerator experiments in seeded and unseeded air flows. 09 p1542 A67-21809
Shock-on-shock effects explored in new test facility. 13 p2091 A67-27490
Measuring techniques applied in an MHD-augmented shock tunnel. 16 p2656 A67-31262
- HARRIS, C. R.**
On-board weight and balance measurement for commercial airplanes. 23 p4007 A67-41386
- HARRIS, C. S.**
Effects of frequency of vibration on human performance. 02 p0189 A67-12632
- HARRIS, C. W.**
Acute altitude sickness in females. 03 p0365 A67-14298
- HARRIS, D.**
Non-steady modulated MHD systems. 16 p2607 A67-30595
Temperature and velocity modulated M.H.D. systems. 18 p3085 A67-33702
- HARRIS, D. E.**
Enhanced interplanetary scintillations associated with solar flares. 07 p1243 A67-19667
- HARRIS, D. H.**
Martian relief and the coming opposition. 09 p1565 A67-22014
The impact of microelectronics on the utilization and training of maintenance personnel. 18 p2994 A67-34342
- HARRIS, D. O.**
Transient analysis in a fracturing magnesium plate. 23 p4076 A67-40736
- HARRIS, F. D.**
Blade stall - Half fact, half fiction. [AHS PAPER 101] 16 p2595 A67-31818
- HARRIS, F. E.**
Approximation of molecular integrals. 04 p0566 A67-15547
- HARRIS, F. S., JR.**
Experimental comparison of scattering of coherent and incoherent light. 09 p1510 A67-21600
- HARRIS, F. T.**
A gallium arsenide /GaAs/ laser diode commutator. 23 p3975 A67-41379
- HARRIS, G. I.**
Properties of P super 30 levels from the Si super 29 /p, gamma/P super 30 reaction. I. 16 p2705 A67-31922
- HARRIS, G. L.**
The self-preserving turbulent jet ejector. [AIAA PAPER 67-127] 06 p0988 A67-18456
- HARRIS, G. Z.**
On the large-deflexion vibrations of elastic plates. 16 p2764 A67-30841
Reinforced sheets for load envelopes which combine tension and shear. 21 p3729 A67-39082
- HARRIS, H. D.**
A set of similar solutions of the compressible laminar boundary layer equations for the flow over a flat plate with unsteady wall temperature. 23 p4082 A67-41246
- HARRIS, H. G.**
Absolute radiometer for the flow field of a hypervelocity projectile. 11 p1790 A67-24447
Instrumentation of a pilot counterflow facility. 16 p2655 A67-31261
- HARRIS, I. A.**
Radio measurements and standards at frequencies up to 1 GHz - A progress review of measurements of power, impedance and attenuation - 1963 to 1966. 14 p2263 A67-28390
- HARRIS, J. C.**
Emulsified jet engine fuel. [SAE PAPER 670365] 12 p1988 A67-25885
- HARRIS, J. H.**
Loss processes in cesium plasma. 19 p3271 A67-35072
Lubricating greases. 20 p3455 A67-37265
- HARRIS, J. L.**
Local reference beam generation in holography. 24 p4158 A67-42819
- HARRIS, J. L., SR.**
Computer processing of atmospherically degraded images. 24 p4157 A67-42436
- HARRIS, J. N.**
Digital Transistor Circuits. 04 p0622 A67-15268
Fibrous ceramic structures. 04 p0642 A67-15452
- HARRIS, J. R.**
An electronic system for measuring human information retrieval in bisensory configuration. 20 p3419 A67-37639
- HARRIS, K. K.**
Molecular and atomic ion concentration latitudinal variations. 19 p3220 A67-35262
- HARRIS, L. A.**
Systems evaluation of advanced structures and materials in future launch vehicles. 10 p1723 A67-23699
- HARRIS, L. B.**
Low-pressure physical adsorption and electron microscope study of the surface of annealed pyrolytic graphite. 06 p1020 A67-17988
- HARRIS, M. D., JR.**
Effect of stereoisomers of sulfur-containing amino acids on local skin protection in X-irradiated mice. 18 p2992 A67-34716
Skin response of the rat to 13 Mev proton irradiation. I. 23 p3957 A67-41644
- HARRIS, P. G.**
Fractionation of iron in the solar system. 23 p4068 A67-41360
- HARRIS, R. D.**
Solar tidal variations of sporadic E. 13 p2107 A67-26306
- HARRIS, R. E.**
On the determination of thermal accommodation coefficients in the temperature-jump region. 15 p2580 A67-29883
- HARRIS, R. J., JR.**
A measurement of the lifetime of the 14.4 kev level of super 57 Fe. 03 p0471 A67-13225
- HARRIS, R. V., JR.**
Recent research results in the aerodynamics of supersonic vehicles. [AIAA PAPER 65-717] 03 p0354 A67-12914
- HARRIS, R. W.**
X-ray-diffraction study of carbon tetrafluoride in the liquid state. 01 p0117 A67-10885
Plasma conductivity and temperature in a theta pinch. 05 p0859 A67-17437
- HARRIS, S. E.**
Threshold of multimode parametric oscillators. 05 p0824 A67-16823
Observation of tunable optical parametric fluorescence. 13 p2127 A67-27081
Nonlinear theory of the internally loss-modulated laser. 13 p2127 A67-27084
- HARRIS, T. A.**
The performance of integrated shaft-rolling bearing systems. [ASME PAPER 66-WA/LUB-4] 04 p0629 A67-15339
Lubrication review - A digest of the literature for 1965. [ASME PAPER 66-WA/LUB-8] 04 p0629 A67-15349
Rolling Bearing Analysis. 06 p1008 A67-18837
- HARRISON, A. F.**
Measuring equipment for data transmission channels. 24 p4159 A67-43116
- HARRISON, A. W.**
Characteristics of an alpha particle positive point to plane corona-streamer counter in air. 02 p0241 A67-11680

- HARRISON, C. G. A.**
Behaviour of the earth's magnetic field during a reversal. 04 p0817 A67-15543
- HARRISON, C. W., JR.**
The imperfectly conducting cylindrical transmitting antenna - Numerical results. 02 p0210 A67-11591
On the driving point impedance of an asymmetrical dipole. 03 p0385 A67-13861
Transmission and reception properties of an equatorial slot antenna on a reentry sphere. 11 p1757 A67-23973
On the transient response of an infinite cylindrical antenna. 11 p1762 A67-24292
Resistive receiving and scattering antenna. 16 p2638 A67-31338
On digital computer solutions of Fredholm integral equations of the first and second kind occurring in antenna theory. 23 p3981 A67-41208
Response of transmission lines in proximity to a cylindrical scatterer. 23 p3981 A67-41209
- HARRISON, D. R.**
Aerodynamics of free-flying wind-tunnel models determined from telemetered accelerations. [AIAA PAPER 66-775] 11 p1773 A67-24349
- HARRISON, E. F.**
Analysis of multipurpose entry vehicle requirements for unmanned landings on bodies having tenuous atmospheres. [AIAA PAPER 67-599] 19 p3336 A67-35995
- HARRISON, E. R.**
The problem of producing energetic macrons /macroscopic particles/. 12 p1966 A67-25252
Quantum cosmology. 18 p3117 A67-33515
On the origin of structure in certain models of the universe - Introductory report. 22 p3891 A67-40492
- HARRISON, G. W., JR.**
Some effects of macrofractionated gamma ray irradiation upon the rhesus primate. 10 p1599 A67-23816
- HARRISON, H.**
Evaporation of ice in space - Saturn's rings. 21 p3705 A67-38599
- HARRISON, H. F.**
Rapid and frequent measurement of human systolic and diastolic blood pressures. 23 p4008 A67-41424
- HARRISON, J. E. A.**
Developments in range instrumentation. 04 p0568 A67-14436
- HARRISON, N.**
Fokker Fellowship. 16 p2597 A67-31561
- HARRISON, R.**
SPECS - A versatile space-qualified detector of charged particles. 20 p3443 A67-36517
- HARRISON, R. J.**
Application of a structure factor-potential relationship to the electrical resistivity of the liquid alkali metals. 21 p3686 A67-39102
- HARRISON, R. N.**
Selective moving target indication. 12 p1909 A67-25128
- HARRISON, S.**
Ion implantation as a production technique. 10 p1596 A67-23162
- HARROD, D. L.**
Some general aspects of interfaces in composites. 03 p0454 A67-13426
- HARROD, R. M., JR.**
Navigation and guidance requirements for booster recovery/reuse. 20 p3481 A67-36576
- HARROLD, E. F.**
Design principles for sampled-data systems with application to attitude control of a large, flexible booster. 21 p3713 A67-38027
- HARROLD, T. W.**
Attenuation of 8.6 mm-wavelength radiation in rain. 07 p1146 A67-20201
- HARSE, W. H.**
Aspects of variable sweep flight test. 17 p2795 A67-32214
- HART-SMITH, L. J.**
Elasticity parameters for finite deformations of rubber-like materials. 01 p0161 A67-10797
- HART, A. B.**
Some aspects of the chemistry of M.H.D. seed. 18 p3086 A67-33710
- HART, B. L.**
Current generators using unipolar-bipolar transistor hybrids. 24 p4128 A67-41895
- HART, D. A.**
Microwave transmission through a quiescent caesium plasma. 19 p3288 A67-35370
- HART, H. R., JR.**
Studies of surface transport currents in type-II superconductors - A surface-flux-pinning model. 14 p2370 A67-28718
Asymmetries of the critical surface current in type-II superconductors. 14 p2370 A67-28719
- HART, J. E.**
V.L.F. radiation from multiple stroke lightning. 20 p3480 A67-36290
- HART, P. A. H.**
Gas discharge as a source of incoherent radiation at millimetre and sub-millimetre wavelengths. 15 p2530 A67-29747
- HART, R. I.**
Design and performance of fluid logic components. 17 p2802 A67-32228
- HART, R. R.**
Performance of a Coanda device as a pressure maintainer and as a switch or selector. 08 p1281 A67-20453
- HART, R. W.**
Theoretical study of a solid propellant having a heterogeneous surface reaction. I. 07 p1239 A67-19074
- HART, V. G.**
On a system of simplified equations for finite axisymmetric deflections of an annular plate. 08 p1414 A67-20348
- HARTBAUM, H. K.**
Flywheel-augmented gravity gradient stabilization. 02 p0333 A67-12312
- HARTBOWER, C. E.**
Some observations on stress wave emission as a measure of crack growth. 23 p4078 A67-41163
- HARTECK, P.**
Radiation equilibria pertinent to planetary atmospheres. 03 p0513 A67-14088
Some comments on the Venus temperature. 04 p0699 A67-14952
New uses for nuclear energy in outer space. [AAS PAPER 87-115] 15 p2558 A67-29962
A preliminary study of the photochemistry of propyne with the 2062-A iodine line. 24 p4118 A67-42327
- HARTER, G. A.**
Space environment simulator with conceptually new solar simulator. 24 p4138 A67-42042
- HARTER, H. L.**
Point and interval estimation, from one-order statistic, of the location parameter of an extreme-value distribution with known scale parameter and of the scale parameter of a Weibull distribution with known shape parameter. 05 p0835 A67-18853
- HARTH, W.**
The influence of angles of incidence of flood beams on the half-tone reproduction of visual storage tubes /Der einfluss inhomogenen sichtstromenfalls auf die halbtontwiedergabe bei sichtspeicherroehren/. 19 p3194 A67-35543
- HARTL, P.**
On the different operational requirements and technical problems involved in using navigational satellites for ships and planes. 01 p0111 A67-11390
New method of transmitting digital data over the IRIG-FM/FM-Telemetry system /Ein neues Verfahren zur Uebertragung digitaler Daten ueber das IRIG-FM/FM-Telemetriesystem/. 04 p0569 A67-14572
Cooperation of the DVL on the first German satellite 625 A-1 /AZUR/ /Mitarbeit der DVL am ersten deutschen satelliten 625 A-1 /AZUR//. 23 p4071 A67-41326
- HARTLE, R. E.**
Derivation of relations between temperature-perturbed Thomas-Fermi functions. 05 p0848 A67-18132
Transverse electromagnetic waves in fully ionized Vlasov plasmas. 08 p1384 A67-21401
- HARTLEY, D. B.**
The rates of elementary processes in the chain reaction between hydrogen and oxygen. III. 11 p1749 A67-24238
- HARTLEY, J. L.**
The development of an emergency dental kit for prolonged space flight. 23 p3965 A67-41564
- HARTLEY, K. F.**
The effect of slit width on equivalent width measurements. 14 p2319 A67-28591
- HARTMAN, B. O.**
Hangover effect of secobarbital on simulated pilotage performance. 03 p0366 A67-14291
Sustained pilot performance requires more than skill. 21 p3576 A67-38073
- HARTMAN, C. W.**
Field curvature effects on alkali-metal-plasma containment. 11 p1830 A67-24007
Electric-field effects in Q-machines. 11 p1833 A67-24369
Collisionless electrostatic shocks. 18 p3092 A67-34749
Hot-electron plasma confinement in magnetic fields with compensating curvature. 22 p3849 A67-39698
- HARTMAN, D. A.**
Adaptive power conditioning for solar cell arrays. 08 p1284 A67-20651
- HARTMAN, J. L.**
Electrophysiology of chimpanzees during rapid decompression. 18 p2991 A67-34713
- HARTMANN, A.**
Theoretical and experimental investigation on fanengines with mixing - Optimal layout of fanengines with and without mixing. [AIAA PAPER 87-416] 18 p3111 A67-33903
Experimental investigation of mixing in dual-flow turbojet engines /Experimentelle Untersuchungen ueber die Mischung bei Zweikreislaufturbinenluftstrahltriebwerken/. 23 p3931 A67-41317
- HARTMANN, B.**
Carbon dioxide laser hazards to the eye. 20 p3375 A67-37276
- HARTMANN, F.**
General study of maser amplification by an alkali vapor /Etude generale de l'amplification maser par une vapeur alcaline/. 15 p2501 A67-30095
- HARTMANN, G.**
Determination of important satellite positions with the aid of graphs /Bestimmung wichtiger Satellitenpositionen mit Hilfe graphischer Darstellungen/. 06 p0964 A67-18577
Amplitude recordings of the satellite Explorer 22 giving special consideration to effects which occur at elevation angles below 45 deg /Die Amplitudenregistrierungen des Satelliten Explorer 22, unter besonderer Beruecksichtigung der Effekte, die bei Elevationswinkeln kleiner als 45 deg auftreten/. 23 p3974 A67-41177
- HARTMANN, H.**
Compatibility of artificial gas mixtures under high and low pressure /Ueber die Vertraeglichkeit kuenstlicher Gasgemische im ueber-und Unterdruck/. 04 p0562 A67-14573
Pathogenesis and therapy of air embolism in terms of the problem of treatment in overpressure /Pathogenese und Therapie der Luftembolie im Hinblick auf die Problematik der Behandlung im Ueberdruck/. [DVL-628] 13 p2059 A67-26850
- HARTMANN, H. L.**
Signal distortions as a result of irregularities in H sub 01 hollow waveguides /Die Signalverzerrungen infolge von Ungleichmaessigkeiten in H sub 01-Hohlkaehlen/. 19 p3183 A67-35561
- HARTMANN, W. K.**
Martian cratering. 04 p0696 A67-14736
Secondary volcanic impact craters at Kapoho, Hawaii and comparisons with the lunar surface. 18 p3134 A67-34538
Extrusive lunar ring structures/ques/. 20 p3525 A67-36997
Angular momenta of planetary bodies. 23 p4066 A67-41010
On the nature of the infrared nebula in Orion. 24 p4225 A67-41829
- HARTNAGEL, H.**
Plasma-density distribution produced by a tubular electron beam. 19 p3278 A67-35128
- HARTNETT, J. P.**
Experimental determination of skin friction in turbulent boundary layers with favorable and adverse pressure gradients. 04 p0609 A67-15818
Mass transfer cooling in laminar boundary layers with hydrogen injected into nitrogen and carbon dioxide streams. 04 p0733 A67-15840
Equilibrium temperatures of mass transfer cooled walls in high-speed flow of an absorbing-emitting gas. 04 p0737 A67-15864
Equilibrium temperatures in a boundary-layer flow over a flat plate of absorbing-emitting gas. [ASME PAPER 66-WA/HT-48] 04 p0739 A67-15940
The Eckert reference formulation applied to high-speed laminar boundary layers of

- nitrogen and carbon dioxide. 11 p1883 A67-24576
- Interaction of convection and radiation in axisymmetric and two-dimensional stagnation point flow. 16 p2591 A67-30939
- Influence of dissociation on mass transfer cooling in a carbon dioxide-nitrogen binary system. [ASME PAPER 67-HT-70] 20 p3550 A67-36750
- HARTOFILIS, S. A.
An investigation of flow separation and aerodynamic controls at hypersonic speeds. [AIAA PAPER 65-753] 03 p0350 A67-12911
- HARTON, P. L.
Multiple-link reception through wideband, nonlinear components. 20 p3380 A67-36563
- HARTRY, D.
Influence of application variables on properties of an epoxy adhesive. 09 p1523 A67-22525
- HARTSEL, J. E.
Chemical relaxation phenomena behind normal shock waves in a dissociated freestream. [AIAA PAPER 66-519] 12 p1929 A67-25905
- HARTSOOK, L. B.
An integral approach to transient charring ablator problems. 04 p0723 A67-14847
- Conduction with a time-varying radiation boundary condition. 11 p1883 A67-24575
- HARTT, W. H.
The irrational habit of second-order /1011/-/1012/ twins in magnesium. 24 p4173 A67-42345
- HARTUNG, W.
The influence of the boundary layer on the thrust especially with respect to small rocket engines and high expansion ratios. 16 p2736 A67-30706
- HARTUNIAN, R. A.
Experimental results for massive blowing studies. [AIAA PAPER 66-457] 17 p2839 A67-33007
- HARTWELL, J. G.
A reference orbit useful in integrating between activity spheres. 08 p1383 A67-20590
- HARTWIG, Q. L.
Communication of aerospace technology to biology and medicine. [AIAA PAPER 66-952] 03 p0366 A67-14023
- HARTWIG, W. H.
Oscillators utilizing superconducting resonators. 15 p2451 A67-29916
- HARTZ, B. J.
Higher-order finite element for plane stress. 20 p3538 A67-36676
- Kinetic stability of cantilever columns. 21 p3729 A67-39084
- HARTZ, T. R.
The general pattern of auroral particle precipitation. 17 p2850 A67-33191
- HARVELL, J. T.
Effectiveness of low-temperature refrigeration for electronics. 14 p2278 A67-27785
- HARVEY, C. A.
Time-optimal control of a bounded phase-coordinate process. I. 12 p2012 A67-25911
- Time-optimal control of a bounded phase-coordinate process. II. 16 p2822 A67-31643
- HARVEY, J.
Predetection telemetry tape combiner. 17 p2813 A67-32496
- HARVEY, J. W.
Structural considerations for variable sweep wings. [SAE PAPER 670881] 24 p4094 A67-42015
- HARVEY, R. A.
Project evaluation as a design function. 20 p3361 A67-37170
- HARVEY, R. L.
Model of an electric arc balanced magnetically in a gas flow. [AIAA PAPER 67-96] 07 p1240 A67-19437
- Low-drive, temperature stable ferrite for laminated memory arrays. 22 p3861 A67-39914
- HARVEY, W. D.
Instrumenting models for aerodynamic heat-transfer studies involving transient heating rates. 11 p1793 A67-24826
- HARVICK, W. P.
Analysis of stowed rotor aeroelastic characteristics. 11 p1744 A67-24590
- HARVILL, L. R.
An interpretation of L' combustion instability in terms of acoustic instability theory. 14 p2404 A67-28113
- HARWICK, B. T.
Flight test of a nucleonic type aircraft fuel gage. 05 p0841 A67-16537
- HARWIT, M.
A liquid nitrogen cooled, rocket borne, infrared telescope. 02 p0243 A67-12047
- Results of the first infrared astronomical rocket flight. 08 p1397 A67-21185
- Infrared and radio appearance of cocoon stars. 14 p2388 A67-28833
- On the detection of water on the moon. 17 p2952 A67-33250
- HARWOOD, T. A.
Infrared imagery in the Arctic under daylight conditions. 01 p0058 A67-10312
- HASAN, M.
Containment of plasmas in resonant-cavity fields. 02 p0273 A67-12178
- HASEGAWA, H.
Magneto-optical studies of exciton effects in layer-type semiconductor. 08 p1060 A67-18917
- Extragalactic X-rays and evolution of galaxies. 12 p2007 A67-25767
- HASEGAWA, K.
Field-induced photoelectron emission from silicon surface-barrier diodes. 23 p3980 A67-40890
- HASEGAWA, Y.
Modulation and demodulation of He-Ne laser light at 7 GHz microwave frequency. 16 p2884 A67-30610
- HASELTINE, W. A.
Atmospheric absorption of CO sub 2 laser radiation. 22 p3816 A67-40237
- HASEN, E. M.
A non-linear theory of turbulence onset in a shear flow. 23 p3990 A67-41173
- HASER, L.
Scientific program and instrumentation of a comet probe /Wissenschaftliches Programm und Instrumentierung einer Kometensonde/. 03 p0510 A67-13496
- Artificial strontium and barium clouds in the upper atmosphere. 17 p2851 A67-33194
- Use of artificial barium clouds to study magnetic and electric fields in the atmosphere. 18 p3036 A67-33606
- HASHI, T.
Observation of RF modulated optical transients in Rb vapour. 04 p0632 A67-14770
- HASHIMOTO, M.
Ionization gauge with logarithmic differential circuit. 10 p1610 A67-22950
- HASHIMOTO, N.
Preliminary experiments on pebble-bed heater for hypersonic wind tunnel. 05 p0928 A67-16429
- HASHIMOTO, S.
On some differences between dynamic and static-stress distributions. 07 p1262 A67-19414
- Thin-film integrated circuits for communication equipments. 12 p1918 A67-26219
- HASHIN, Z.
Variational principles of elasticity in terms of the polarization tensor. 08 p1422 A67-20981
- HASHMI, M.
Single-ended operation of a Q-device. 11 p1833 A67-24368
- Effects related to ion cooling in a Q-device. 11 p1833 A67-24371
- Density measurements in a Q-device by resonance fluorescence scattering, Langmuir probe and microwave methods. 11 p1838 A67-24405
- Ion cooling in a Q-device. 16 p2720 A67-31244
- The influence of probe losses on the ion density of a thermal cesium plasma in a magnetic field. 19 p3296 A67-35589
- HASIMOTO, N.
Photoelectric measurement of tungsten silicide and n-type silicon barriers. 11 p1850 A67-24924
- HASKELL, R. E.
Transient reflected signals from an anisotropic plasma. 03 p0371 A67-13865
- [AFCLR-67-0065] Wave phenomena in plasmas. 12 p1975 A67-25527
- Transient signal propagation in lossless, isotropic plasmas. 16 p2827 A67-31351
- HASKIN, L. A.
Meteoritic, solar and terrestrial rare-earth distributions. 10 p1651 A67-23428
- HASKINS, J. F.
A flat-plate thermal-conductivity apparatus for measuring low-conductivity materials at cryogenic temperatures. 22 p3802 A67-40290
- HASLAM, C. G. T.
Observations of planetary nebulae at three microwave frequencies. 16 p2752 A67-31624
- HASLETT, R.
Cryogenic helium pressurization system for the descent stage of the Lunar Excursion Module /LEM/. 22 p3749 A67-40394
- HASLUND, R. L.
The Boeing 20-foot solar simulator - Progress report. 24 p4139 A67-42045
- HASS, G.
Solar absorptance and thermal emittance of aluminum coated with surface films of evaporated aluminum oxide. [AIAA PAPER 65-856] 03 p0448 A67-13036
- The thermal emittance of mlca as a function of thickness. [AIAA PAPER 67-288] 12 p1958 A67-26005
- Optical film materials and their applications. 13 p2158 A67-27076
- Optical properties of evaporated iridium in the vacuum ultraviolet from 500 angstrom units to 2000 angstrom units. 16 p2733 A67-31878
- HASS, H. S.
Solid film lubrication of worm gears. [ASLE PAPER 67-LC-18] 24 p4165 A67-42751
- HASSAN, H. A.
Characteristics of a rotating plasma. 03 p0485 A67-14053
- Nongrey radiation effects on the boundary layer at low Eckert numbers. [ASME PAPER 66-WA/HT-35] 04 p0724 A67-15428
- Potential and current distribution in MPD arcs. 06 p1074 A67-18335
- Thrust from an MPD arcjet. 06 p1075 A67-18866
- Anode losses in coaxial Hall current accelerators. [AIAA PAPER 66-201] 12 p1975 A67-25892
- Screw instability in a linear Hall accelerator. 15 p2522 A67-29207
- HASSAN, K.-E.
Simulation of space conditions and thermal behavior of spacecraft. [ASME PAPER 66-WA/HT-29] 04 p0599 A67-15443
- HASSAN, M. A.
Characteristics of vortex devices. 08 p1280 A67-20442
- HASSAN, S. A.
An analytical and experimental study of the radiation properties of oxide films on metal substrates. [AIAA PAPER 67-286] 12 p1958 A67-26003
- HASSAN, S. D.
On large scale structure of hydromagnetic homogeneous turbulence. 19 p3295 A67-35540
- HASSEL, W. F.
Atmospheric propulsion with magnetically accelerated colloids. [AIAA PAPER 66-926] 03 p0504 A67-14136
- HASSELMAN, D. P. H.
Approximate theory of thermal stress resistance of brittle ceramics involving creep. 22 p3915 A67-40386
- HASELTINE, C. L.
Environment of Jupiter. 22 p3887 A67-40141
- HASSETT, R. P.
Multithreading design of a reliable aerospace computer. 08 p1298 A67-20667
- HASSIG, H. J.
Using a partial diaphragm when applying the supersonic Mach box method. 06 p0944 A67-18875
- HASTED, J. B.
Study of inelastic collisions by drifting ions. 04 p0461 A67-15509
- A quark albedo/ques/. 13 p2109 A67-26330
- Recent trends in heavy particle collision research. 19 p3264 A67-35069
- HASTINGS, S. P.
Bounds on the growth of solutions of a nonlinear system. 07 p1218 A67-20288
- HASTINGS, W. J.
Angular distribution of flow from orifices and tubes at high Knudsen numbers. 08 p1324 A67-21495
- HASWELL, W. T., III
Heterodyne detection and linewidth measurement with high power CO sub 2 lasers. 06 p1010 A67-17891
- HATA, M.
Experiments with wideband frequency-sweep control for mm-wave BWO. 16 p2643 A67-30896
- A wideband FM receiving system by discrimination of beat between signal and its delayed form. 23 p3975 A67-41677
- HATA, S.
The flattening, total light, brightness distribution and polarization of the solar corona. 01 p0150 A67-10933

- HATAKEYAMA, L. F.**
A parametric investigation of a proposed Javelin split-fairing system. 08 p1408 A67-20536
- HATALSKY, W.**
The effect of fin design on the induced rolling moment characteristics of sounding rockets. 08 p1405 A67-20503
- HATANO, M.**
Investigation of surface film boiling under free convection. I. 13 p2222 A67-26532
- HATCH, A. J.**
Containment of plasmas in resonant-cavity fields. 02 p0273 A67-12178
Room-temperature creep and fatigue properties of titanium alloys. 10 p1669 A67-23325
- HATCH, A. M.**
A large experimental superconducting magnet for MHD power generation. 22 p3749 A67-40399
- HATCH, G. L.**
Modification of elements in the displacement method. 19 p3343 A67-35771
- HATCHER, D. M.**
The admittance of a rectangular waveguide radiating into a dielectric slab. 23 p3979 A67-40829
- HATCHER, N. M.**
Spacecraft attitude sensors - Where we stand today. 03 p0465 A67-14100
- HATCHETT, K. A.**
Fuel related problems in engine fuel systems. [SAE PAPER 660714] 01 p0140 A67-10603
- HATFIELD, J. J.**
A programmable display synthesizing system for man-machine communications research. 05 p0786 A67-16314
- HATHAWAY, C. E.**
Further studies of overlapping absorption bands. 19 p3286 A67-35696
- HATHAWAY, J. D.**
Control integration for lunar mapping. 18 p3131 A67-34321
- HATLEID, C. M.**
Flight evaluation of simple liquid transport cooling system for aircrewmembers. 23 p3966 A67-41581
- HATT, P. K.**
Management systems planning on new flight programs. [AAS PAPER 66-141] 08 p1429 A67-20966
- HATTA, Y.**
Excitation of ion waves in a weakly ionized current-carrying plasma. 03 p0476 A67-13354
Low-frequency oscillations in a weakly ionized plasma in crossed electric and magnetic fields. 06 p1046 A67-18827
Transition from a moving striation to a helical oscillation in a positive column. 09 p1536 A67-21570
Measurement of growth and damping rate of resistive instability in gaseous plasma. 15 p2530 A67-29823
Langmuir probe current in turbulent flow of weakly ionized gas. 20 p3503 A67-37674
- HATTENDORF, E. R.**
All-weather landing systems for automatic and manual control. 22 p3831 A67-39611
- HATTERICK, G. R.**
Human factors engineering in reentry system design. 09 p1456 A67-22290
- HATTON, A. P.**
Heat transfer measurements through the incompressible turbulent boundary layer with accelerating and decelerating flows. 04 p0731 A67-15819
- HATTON, R. E.**
Hydraulic fluids for high altitude-high temperature vehicles. [SAE PAPER 660661] 01 p0103 A67-10619
- HATTORI, C.**
Temperature dependence of the electron collision frequency in an afterglow plasma. 21 p3667 A67-38414
- HATVANY, J.**
New devices for man-machine information exchange /Ember es gep Informaciocserjenek uj eszkozei/. 21 p3577 A67-38158
- HATZ, J.**
Operation of a gallium arsenide diode laser with an external resonator using a Brewster window. 15 p2498 A67-29511
- HATZIKONSTANTINOU, S.**
Correlation between maximum aerobic work and anthropometric and spirometric parameters /Relazione fra il massimo lavoro aerobico e i parametri antropometrici e spirometrici/. 16 p2614 A67-31472
- HATZOPOULOS, G.**
Early morning effect on the F-region from ground station observations. 16 p2664 A67-30976
- HAUBERT, A.**
Improvement in devices for measuring winds and diffraction of radioelectric waves in the ionosphere /Un perfectionnement des dispositifs de mesure des vents et de la diffraction des ondes radioelectriques dans l'ionosphere/. 03 p0408 A67-12819
- HAUCK, G.**
Calculation of trajectory disturbances for the passive motion of a vehicle above a smooth earth /Zur Berechnung der Bahnstorungen fuer die passive Bewegung eines Flugkoerpers ueber einer ebenen Erde/. 02 p0320 A67-11465
Linear relations between the ballistic perturbation coefficients /Lineare Beziehungen zwischen den ballistischen Stoerungskoeffizienten/. 13 p2211 A67-26705
Application of the Langevin similarity theorem to the ballistic perturbation theory /Zur Anwendung des Aehnlichkeitssatzes von Langevin in der ballistischen Stoerungstheorie/. 19 p3326 A67-35578
- HAUCK, H.**
Asynchronous control of information transmission in networks consisting of independent sequential circuits /Asynchrone Steuerung des Informations transports in Netzen aus selbstaendigen Schaltwerken/. 07 p1161 A67-19884
- HAUCK, J. F.**
Design and performance evaluation of aircraft nucleonic fuel gaging system by computer techniques. 05 p0842 A67-16542
- HAUER, S.**
An econometric analysis of an educational TV distribution system. [AIAA PAPER 66-321] 06 p1120 A67-17710
- HAUF, W.**
Natural convection in horizontal cylindrical annuli. 04 p0732 A67-15829
- HAUG, H.**
Quantum mechanical theory of fluctuations and relaxation in semiconductor lasers. 10 p1663 A67-22891
Theory of noise in semiconductor laser emission. 20 p3461 A67-37184
Population and current noise in semiconductor laser junctions. 24 p4166 A67-41887
- HAUG, P.**
The organic geochemistry of ancient sediments. II. 05 p0797 A67-16580
- HAUG, R.**
Recording techniques and the exploitation of Langmuir probe characteristics /Techniques d'enregistrement et d'exploitation des caracteristiques de sonde de Langmuir/. 06 p1000 A67-17590
Investigation of the ionic parameters of an alkaline plasma by means of a grid probe /Etude, par sonde a grille, des parametres ioniques d'un plasma alcalin/. 15 p2527 A67-29476
Study of the different operating modes of an alkaline-metal-plasma machine by means of electric probes. 18 p3091 A67-34631
- HAUGEN, D. A.**
Some Lagrangian properties of turbulence deduced from atmospheric diffusion experiments. 02 p0262 A67-12082
Characteristics of vertical velocity fluctuations observed on a 430-m tower. 19 p3251 A67-35056
- HAUGEN, E.**
The velocity field surrounding sunspots, as derived from observations of H alpha. 23 p4067 A67-41239
- HAUGEN, R. L.**
Momentum transfer in turbulent separated flow past a rectangular cavity. [AFCR-66-851] 04 p0610 A67-15924
Heat transfer in turbulent boundary-layer separation over a surface cavity. [ASME PAPER 67-HT-14] 20 p3545 A67-36711
- HAUGEN, S.**
Measurement of perceived noise level in PNdB made possible. 02 p0268 A67-11471
- HAUGER, H. H.**
DC-9 environmental control design and first year's service experiences. [AIAA PAPER 67-407] 15 p2423 A67-30374
- HAUGER, W.**
Comments on the effect of mass distribution in nonconservative stability problems of elastic rods /Bemerkungen zu dem Einfluss der Massenverteilung bei nichtkonservativen Stabilitaetsproblemen elastischer Staebel/. 10 p1715 A67-22912
- HAUGHNEY, L. C.**
Photography of the earth's cloud satellites from an aircraft. 19 p3251 A67-34953
- HAUGHT, A. F.**
High-temperature plasmas produced by laser beam irradiation of single solid particles. 03 p0485 A67-14047
- HAUGLAND, R. P.**
A fluorescent probe at the active site of alpha-chymotrypsin. 24 p4119 A67-42665
- HAUN, C. C.**
The air oxidation of monomethyl hydrazine. 21 p3578 A67-38841
- HAUPT, D.**
Calculation of alignment charts for functions and sets of functions /Berechnung von Fluchtlinientafeln fuer Funktionen und Funktionensysteme/. 01 p0104 A67-10279
- HAUPTMAN, M. H.**
Technique to evaluate surface contamination due to rocket exhaust impingement. 17 p2833 A67-32076
- HAURWITZ, B.**
Noctilucent clouds. 07 p1218 A67-19052
- HAURY, G. L.**
Non-isothermal studies of chemical and physical reactions - Application to Knudsen cell vaporization. [AIAA PAPER 67-156] 06 p0956 A67-18321
An absolute emissivity calorimeter for temperatures to 60 deg K. 13 p2122 A67-27661
- HAUS, H. A.**
Electrodynamics of moving media. 20 p3500 A67-37087
- HAUS, M.**
Air Force system effectiveness and reliability data systems. 18 p3007 A67-34658
- HAUSER, C. H.**
Experimental studies of cavitation damage in alkali metal pumps for application in space power systems. 15 p2494 A67-30151
- HAUSER, H. A.**
Coated columbium alloys for jet engine turbine vanes. [ASM PAPER C6-1.4] 23 p4020 A67-41402
- HAUSER, J. J.**
New electron-tunneling measurement of the energy gap in lanthanum. 01 p0135 A67-10918
Energy gap of V sub 3 Si. 03 p0492 A67-13327
- HAUSER, J. R.**
Characteristics of junction field-effect devices with small channel length-to-width ratios. 15 p2446 A67-29636
- HAUSER, W. C.**
Radiation heat transfer in nonisothermal nongray gases. [ASME PAPER 66-WA/HT-25] 20 p3555 A67-37607
- HAUSRATH, A. H.**
Structural considerations in the design of a liquid hydrogen tank for hypersonic vehicles. [SAE PAPER 660679] 01 p0161 A67-10583
- HAUSRATH, D. A.**
Computer studies of abnormally operating circuits. 01 p0031 A67-11337
Cost improvement as a result of reliability efforts on Minuteman II integrated circuits. 09 p1480 A67-22305
Maintenance, reliability, and life cycle cost. 23 p4084 A67-40580
- HAUSSLER, J. B.**
Powered flight trajectory determination techniques as applied to Saturn V vehicles. [AIAA PAPER 67-547] 19 p3258 A67-35981
- HAUTY, G. T.**
Phase shifts of the human circadian system and performance deficit during the periods of transition. II - West-East flight. 01 p0016 A67-10955
Phase shifts of the human circadian system and performance deficit during the periods of transition. III. Individual differences in phase shifts of the human circadian system and performance deficit. 15 p2425 A67-29108
- HAVALDA, A.**
Study of equilibrium phases in the NiCrTiAlW system /Studium rovnovaznych stavov v systeme NiCrTiAlW/. 23 p4019 A67-41078
- HAVEL, I.**
On multiple finite automata. 19 p3202 A67-35607

- HAVENS, R. C.**
RF frequency converter packaging aspects for the AROD system. 12 p1911 A67-25271
- HAVEY, C. T.**
ADAM II propulsion system and internal aerodynamics. [SAE PAPER 670353] 17 p2929 A67-32993
- HAVILAND, J. K.**
Thermal performance of an advanced radiation cooled heat shield system. [AIAA PAPER 67-153] 06 p1115 A67-18320
- HAVILAND, R. P.**
Required and attainable interference ratios in space telecasting. 06 p0960 A67-17692
Space telecasting for world education. 16 p2822 A67-30696
Choices in space broadcasting. 20 p3378 A67-36121
- HAVNER, K. S.**
On energy balance criteria in ductile fracture. 08 p1421 A67-20953
On energy-derived difference equations in thermal stress problems. 21 p3716 A67-37956
- HAWALESHKA, O.**
Effect of upstream velocity profile on the free mixing of jets with ambient fluid. 14 p2240 A67-28107
- HAWGOOD, D.**
Electrical transducers for fluidic systems in computer peripherals. 08 p1330 A67-20449
Design procedures for a multi-element fluidic plate using wall-attachment devices. 08 p1281 A67-20452
- HAWK, N. E.**
Aerodynamics of oscillating disks and a right-circular cylinder. 06 p1101 A67-18136
Two-dimensional secondary jet interaction with a supersonic stream. 10 p1592 A67-23116
- HAWKE, F. R.**
Computer-aided design of linear integrated circuits. 12 p1919 A67-26156
- HAWKES, P. L.**
A practical tantalum thin-film single-sideband demodulator using RC time-varying and active networks. 17 p2825 A67-32600
- HAWKES, T. A.**
PCM frame synchronization with a self-varying threshold. 11 p1764 A67-24434
Self-variable threshold procedure for the detection of the synchronization code of PCM telemetering systems /Procédé a seuil autovariable pour la detection du code de synchronisation des telemesures PCM/. 21 p3583 A67-38641
- HAWKING, S. W.**
The occurrence of singularities in cosmology. 01 p0151 A67-11291
The occurrence of singularities in cosmology. III. 21 p3703 A67-38493
- HAWKINS, H. T.**
Bi-compositional carbon-silica fibers. 03 p0454 A67-13425
- HAWKINS, J. K.**
Automatic shape detection for programmed terrain classification. 07 p1187 A67-19744
An adaptive system with direct optical input. 17 p2860 A67-32616
Image processing by electron-optical techniques. 18 p3047 A67-33881
- HAWKINS, P.**
The equivalent circuit of the tunnel diode. 01 p0032 A67-10001
- HAWKINS, P. F.**
Structure of highly underexpanded transverse jets in a supersonic stream. 12 p1892 A67-25900
- HAWKINS, T. P.**
Analysis of variations in the rotation of the earth. 17 p2843 A67-32444
- HAWKS, R. J.**
Shock wave location for circular-arc airfoils. 14 p2239 A67-27797
- HAWLEY, J. J.**
TV network satellite systems. 06 p0961 A67-17697
- HAWLEY, N. S.**
Some remarks concerning trajectories in the restricted problem of three bodies. 19 p3327 A67-35664
- HAWLEY, R.**
Vacuum as an insulator. 15 p2516 A67-29200
- HAWLEY, S. W.**
Comparison of distribution functions from scattering data on different sets of spheres. 09 p1461 A67-21598
- HAWORTH, D. R.**
Correlation of C/K/ in the separated region using the Crocco-Lees method. 17 p2840 A67-33031
- Generalized solutions for transient heat conduction with variable conductivity. 22 p3916 A67-39481
- HAWORTH, P. A.**
Automatic shape detection for programmed terrain classification. 07 p1187 A67-19744
- HAWRYLEWICZ, E. J.**
Enzyme-isoenzyme measure of radiation exposure. 07 p1134 A67-19860
Effect of reduced barometric pressure on water availability related to microbial growth. 15 p2426 A67-29111
Probability of growth /p sub G/ of viable microorganisms in Martian environments. 19 p3177 A67-35220
Survival of microorganisms in a simulated Martian environment. II. 20 p3372 A67-37160
- HAWTHORNE, W. R.**
The applicability of secondary flow analyses to the solution of internal flow problems. 11 p1776 A67-24049
- HAXBY, L. P.**
Turbine fuel thermal stability - From refinery to supersonic transport. [SAE PAPER 660710] 01 p0139 A67-10624
- HAY, D. R.**
Internal gravity-shear waves in the troposphere. III - Perturbation of smoke trails. 02 p0239 A67-12192
Microstrain behavior of metal matrix composites. [ASTM PAPER 6] 18 p3067 A67-34571
- HAY, H. P.**
Pulse radar on the Air Force Eastern Test Range. 20 p3381 A67-36581
- HAY, R. L.**
Geomagnetic polarity epochs - New data from Olduvai Gorge, Tanganyika. 11 p1788 A67-24698
- HAY, T. H.**
An adhesive bonding technique for fabricating largescale nylon-phenolic composite heat shields. 09 p1523 A67-22506
- HAYAKAWA, S.**
The observation of galactic X-rays. 01 p0144 A67-10562
Possible lunar X-rays excited by terrestrial electrons. 01 p0144 A67-10563
Energy spectra of galactic X-rays. 05 p0883 A67-16876
Summary of sessions on galactic X-rays and high energy particles. 05 p0884 A67-16881
Observations of energy spectra of galactic X-rays. 10 p1700 A67-23054
Energy spectra of galactic X-rays. 10 p1701 A67-23229
A mechanism of X-ray emission from supernova remnants and other active objects. 12 p1995 A67-25764
Electrical conduction in reduced single crystals of barium titanate. 14 p2363 A67-27824
Cosmic rays and high-energy physics. 14 p2379 A67-27962
Electron-photon cascade process in intergalactic space. 15 p2550 A67-29750
Modulation of cosmic ray electrons. 19 p3315 A67-35496
Reactively sputtered titanium resistors, capacitors and rectifiers for microcircuits. 23 p3977 A67-40661
- HAYAKAWA, T.**
Copolymerization of the Leuchs anhydrides of the eighteen amino acids common to protein. 20 p3377 A67-37397
- HAYAMI, R. A.**
An eddy diffusion model for predicting rapid wake ionization decay behind hypersonic cones. 06 p0938 A67-18257
[AIAA PAPER 67-21] Open microwave resonators for localized wake measurement. 11 p1790 A67-24452
- HAYART, R.**
Study of oriented continuous media - Finite deformations of an elastic solid /Etude des milieux continus orientés - Deformations finies d'un solide élastique/. 03 p0526 A67-13971
- HAYASAKA, A.**
Pulse characteristics of the distributed Esaki diode. 21 p3599 A67-38609
- HAYASE, J.**
Adaptive digital satellite transmission ground terminal design considerations. 06 p0960 A67-17675
- HAYASHI, K.**
Effects of the carbon content on the properties of WC-TiC-Co alloys. 06 p1017 A67-17968
- HAYASHI, N.**
Effective triaxial anisotropy in triple-layered thin magnetic films. 07 p1231 A67-19488
- HAYASHI, R.**
Temperature dependence of the characteristics of the cross relaxation rutilite maser. 07 p1196 A67-19676
- HAYASHI, S.**
Experimental study on a deformed drop moving through viscous media. 14 p2302 A67-28235
The numerical experiments on the alternating direction implicit method using interlacing scanning for elliptic partial differential equation. 19 p3250 A67-34868
Summed and differential harmonic oscillations in nonlinear vibratory systems. 22 p3910 A67-39408
- HAYASHI, T.**
Experimental determination of column initial deflection and load eccentricity. 01 p0160 A67-10561
On the experimental determination of load eccentricity and initial deviation in the column compressive tests. 05 p0919 A67-16588
On the determination of load eccentricity and initial deviation in the column compressive tests. 10 p1715 A67-22826
Ionization gauge with logarithmic differential circuit. 10 p1610 A67-22950
On the elastic properties of a fiber-reinforced plate. 16 p2776 A67-31544
Buckling analysis of sandwich beams with elastic orthotropic cores. 20 p3537 A67-36641
On the plastic buckling of spar flanges. 20 p3537 A67-36642
An analysis of turbulent flow in a two-dimensional channel. 22 p3782 A67-39409
Effective width of curved plates. I. 23 p4080 A67-41475
Effective width of curved plates. II. 23 p4080 A67-41476
Analysis of the temperature variations of satellite with inner power dissipation. 24 p4253 A67-42051
- HAYASI, N.**
Preliminary experiments on pebble-bed heater for hypersonic wind tunnel. 05 p0926 A67-16429
Approximate calculations of the incompressible laminar boundary layer. 21 p3615 A67-39081
- HAYCRAFT, L., JR.**
Environment adjustment factors for operating and non-operating failure rates. 15 p2495 A67-30417
- HAYDAY, A. A.**
Free convection from a vertical flat plate with step discontinuities in surface temperature. [ASME PAPER 66-WA/HT-17] 04 p0739 A67-15930
On the flow of air at chemical equilibrium near a stagnation point. 06 p0984 A67-18113
Integration of coupled nonlinear equations in boundary-layer theory with specific reference to heat transfer near the stagnation point in three-dimensional flow. 13 p2224 A67-27463
- HAYDEL, J. J.**
Adsorption equilibria in the methane-propane-silica gel system at high pressures. 24 p4118 A67-42584
- HAYDEN, G.**
Mission Control Center - Houston /MCC-H/ voice communication system. 02 p0229 A67-12120
- HAYDON, S. C.**
Transport and ionization properties of molecular gases in a transverse magnetic field. 03 p0474 A67-14358
Non-equilibrium ionization growth in molecular hydrogen. 07 p1226 A67-19853
- HAYDUK, R. J.**
Implications of the meteoroid environment on the design of spacecraft. 10 p1713 A67-23700
- HAYEK, K.**
Investigation of surface bombardment damage by LEED. 19 p3246 A67-35784
- HAYES, A. F.**
Recent advances in forging beryllium for aerospace applications. [SAE PAPER 660634] 01 p0078 A67-10608
- HAYES, D. J.**
Determination of upper bounds for problems in plane stress using finite element techniques. 14 p2403 A67-29014
- HAYES, J.**
The Litton dual L-304 computer

- system. 08 p1297 A67-20628
Failure safety in V/STOL operations. [SAE PAPER 870349] 17 p2798 A67-32991
- HAYES, J. A.**
Application of the root locus technique to the stability analysis of spinning vehicles. 08 p1405 A67-20507
- HAYES, J. M.**
Organic constituents of meteorites - A review. 21 p3704 A67-38502
- HAYES, M.**
On universal relations in elasticity theory. 01 p0162 A67-10799
- HAYES, P. J.**
Breakdown conduction in Al-SiO-Al capacitors. 18 p3105 A67-34630
- HAYES, R. E.**
Step-recovery action in transistors. 13 p2078 A67-26784
- HAYES, W. C.**
Making satellite structures from beryllium-lockalloy. 07 p1192 A67-20251
- HAYES, W. D.**
Hypersonic flow theory. Volume 1 - Inviscid flows. /2nd Edition/. 07 p1127 A67-20204
Hypersonic stagnation-region flows with asymmetry. 10 p1624 A67-22936
- HAYES, W. E.**
Planning a first orbit rendezvous mission. 02 p0333 A67-12343
- HAYGOOD, J. D.**
Sorption of helium by 4.2 deg K cryodeposits. 24 p4115 A67-42047
- HAYHURST, A. N.**
The ionization processes associated with metallic additives in flame gases /Protessy ionizatsii, svyazannye s dobavkami metallov v gazovye plamena/. 17 p2967 A67-32140
- HAYMAKER, W.**
Glycogen accumulation in monkey and cat brain exposed to proton radiation. 04 p0560 A67-14489
Hepatic lesions produced by 32 and 55 Mev proton irradiation. 23 p3944 A67-41017
- HAYMAN, H. J. G.**
Statistical Thermodynamics - An Introduction to its Foundations. 20 p3554 A67-37271
- HAYMES, R. C.**
Nuclear gamma rays from supernova remnants. 12 p1995 A67-25765
- HAYNES, G. W.**
On the optimality of a totally singular vector control - An extension of the Green's theorem approach to higher dimensions. 04 p0594 A67-15875
- HAYNES, J. A.**
Microwave transmission through a quiescent caesium plasma. 19 p3288 A67-35370
- HAYNES, J. R.**
New radiative recombination processes involving neutral donors and acceptors in silicon and germanium. 22 p3862 A67-39998
- HAYS, E. L.**
The development and operation of extravehicular equipment. 01 p0018 A67-11414
- HAYS, L. G.**
Theoretical and experimental investigation of liquid metal MHD power generation. 16 p2605 A67-30583
- HAYS, P. B.**
Doppler profiles of the 5577 angstrom units airglow. [AFRL-87-0443] 05 p0803 A67-17411
Atmospheric nitrous oxide. 08 p1327 A67-21369
- HAYWARD, A. T. J.**
Compressibility equations for liquids - A comparative study. 17 p2841 A67-33386
- HAYWARD, D. W.**
Study of aircraft in short-haul transportation systems for 1985. [AIAA PAPER 87-771] 24 p4095 A67-42939
- HAYWARD, J. S.**
Fluorescence ratio in anthracene melt and solution with circular and linear polarization of ruby-laser excitation. 05 p0814 A67-16130
- HAYWARD, W. H.**
Ion gauge for vacuum pressure measurements below 1×10^{-10} torr. 05 p0805 A67-16462
Conversion of a large chamber to sputter-ion and titanium sublimation pumping. 12 p1921 A67-25691
- HAYWOOD, B.**
An investigation of the ballistic modifier in the combustion process using the heat of explosion test. [CI PAPER 87-1] 19 p3309 A67-34996
- HAZARD, A. B.**
Results of preliminary physiological testing under simulated lunar and Martian gravity conditions. 16 p2618 A67-30758
- HAZARD, C.**
Lunar occultation studies of five weak radio sources of small angular size. 17 p2943 A67-32834
- HAZELL, J. F.**
The development and operation of the stabilised Skylark rocket. 08 p1408 A67-20537
- HAZELTON, R. F.**
Microbes and their jet fuel environment. [SAE PAPER 870869] 24 p4206 A67-42007
- HAZEN, W. E.**
Radio pulses from cosmic-ray air showers. 06 p1076 A67-17554
- HAZLETT, L.**
The polycell approach to large scale integration. 15 p2444 A67-29456
- HAZLETT, R. N.**
Synthesis of nitrogen fluorides in a plasma jet. 02 p0190 A67-12235
- HAZLETT, T. H.**
Fundamentals of friction welding. 08 p1333 A67-20357
- HAZMAN, I.**
Saturation current in diffusion-action transistors. 19 p3197 A67-35726
- HEACOCK, R. R.**
Evening micropulsation events with a rising midfrequency characteristic. 07 p1182 A67-19947
Two subtypes of type P1 micropulsations. 20 p3433 A67-37414
Polarization characteristics of Pc 1 micropulsations at College. 22 p3793 A67-40078
- HEAD, A. K.**
The influence of elastic anisotropy on the propagation of fracture. 08 p1421 A67-20952
The influence of elastic anisotropy on the propagation of fracture. 16 p2770 A67-31291
- HEAD, M. R.**
Heat transfer in the constant property turbulent boundary layer. 08 p1426 A67-20927
Flight experiments on suction for high lift. [AIAA PAPER 85-750] 09 p1441 A67-22483
The calculation of three-dimensional turbulent boundary layers. 10 p1626 A67-23473
The calculation of three-dimensional turbulent boundary layers. 16 p2657 A67-30617
Approximate calculations of the incompressible laminar boundary layer. 21 p3615 A67-39081
- HEAD, R. R.**
A new concept to the general understanding of the effect of longitudinal conduction for multistream counter flow heat exchangers. 04 p0728 A67-15806
Analysis of fluid conditions in the discharge line of a cryogenic container undergoing self-pressurized draining. 22 p3784 A67-39968
- HEAD, V.**
Conceptual design for an active seismic experiment for the lunar surface. 19 p3323 A67-35328
- HEAD, V. P.**
Correlation of meteoroid environments in the solar system. [AIAA PAPER 87-151] 06 p1085 A67-18319
Correlation of meteoroid environments in the solar system. [AIAA PAPER 87-151] 23 p4070 A67-41719
- HEADLEY, H. R.**
Strategic versus tactical planning in modern business. 04 p0739 A67-14498
- HEADLEY, J. W.**
Feasibility investigation of aerodynamic round-lip inlet. 09 p1438 A67-22495
- HEADLEY, R. C.**
Reproducibility of electrical properties of thick film resistors. 16 p2641 A67-31620
- HEALD, E. R.**
Hypersonic transport design considerations. 11 p1744 A67-24579
- HEALD, J. H., JR.**
Performance of an aerodynamic molecular beam chamber for cryopumping and adsorption pumping studies. 11 p1773 A67-24344
Background gas scattering and skimmer interaction studies using a cryogenically pumped molecular beam generator. 14 p2316 A67-28189
- HEALEY, J. J.**
Buckling of prolate spheroidal shells under hydrostatic pressure. 17 p2963 A67-33017
- HEALY, G. J.**
A realistic assessment of the airport/community noise problem. [AIAA PAPER 87-867] 24 p4096 A67-42990
- HEALY, W. A.**
Probable upper limit of H sub c2 for some higher-order ductile transition-metal superconducting alloys. 11 p1850 A67-24925
- HEANEY, J. B.**
The thermal emittance of mica as a function of thickness. [AIAA PAPER 87-288] 12 p1958 A67-26005
- HEAP, B. R.**
The structure of powers of nonnegative matrices. II - The index of maximum density. 01 p0105 A67-10731
- HEAP, H. R.**
Properties of materials. I. 08 p1342 A67-20903
- HEAPS, H. S.**
Analysis of synchronization errors in systems of parallel jacks with closed loop control by hydraulic relays. [ASME PAPER 86-WA/AUT-5] 04 p0555 A67-15389
- HEARLD, A. B.**
Potable water standards for aerospace systems - 1967. 21 p3576 A67-38071
Potable water standards for aerospace systems - 1967. 23 p3968 A67-41620
Fecal waste management unit. [SAE PAPER 870852] 24 p4115 A67-42001
- HEARLE, J. W. S.**
Fatigue in fibres and plastics - A review. 22 p3824 A67-39562
- HEARN, A. G.**
An interpretation of the total intensities of the Lyman alpha and beta lines of hydrogen emitted by the sun. 19 p3325 A67-35464
There is no unique interpretation for the solar Lyman alpha profile. 21 p3700 A67-37733
- HEARNE, K. R.**
Low-frequency oscillations in a He-Ne laser. 05 p0825 A67-16948
Measurement of column resistance during the recovery of a rapidly interrupted low current, wall stabilised, DC arc. 19 p3282 A67-35158
Laser interferometric measurements of electron density in an arc plasma. 21 p3664 A67-38017
- HEARNE, L. F.**
Interpretation of asymptotic calorimeter measurements. 10 p1656 A67-23139
- HEARNE, W. E.**
Metallic filaments and their composites. 03 p0443 A67-13408
- HEART, F. E.**
Computer control of the Haystack antenna. 05 p0790 A67-17517
- HEASELL, E. L.**
Recombination centers in InSb. 15 p2535 A67-29483
- HEASLET, M. A.**
Theoretical predictions of radiative transfer in a homogeneous cylindrical medium. 06 p1111 A67-17874
- HEATH, A. C.**
RF devices and application techniques. 14 p2287 A67-28680
- HEATH, A. R., JR.**
Recent gains in solar concentrator technology. 13 p2055 A67-26826
- HEATH, C. A.**
The control of a nuclear reactor using helium-3 gas control elements. 04 p0656 A67-15989
- HEATH, D. F.**
Polarization and intensity measurements of hydrogen Lyman-alpha in the day airglow. 14 p2314 A67-28849
- HEATH, G. A.**
Perchloric acid flames. III. 18 p3109 A67-33841
- HEATON, D. H.**
Systems effectiveness throughout the program life cycle. [SAE PAPER 860724] 04 p0740 A67-15780
- HEATON, P. W., JR.**
Aeroelastic instability of torsionally rigid helicopter blades. 16 p2595 A67-30927
- HEAVENS, O. S.**
Laser oscillation on hyperfine transitions in ionized iodine. 10 p1662 A67-22699
- HEBERMEHL, G.**
Collective scattering cross section and collective spectral extinction of Mie scattering with logarithmic Gaussian

- distributions /Kollektiver streuquerschnitt und kollektive spektrale Extinktion der Miestreuung bei logarithmischen Gauss-Verteilungen/. 13 p2150 A67-26432
- HEBERT, J. O., JR.
A new method for calculating the propagation reliability of 2 GHz microwave signals over optical paths. 13 p2066 A67-26406
- HECHINGER, B. L.
The future needs and current advances within the airlines. [SAE PAPER 670338] 12 p1895 A67-25877
- HECHLER, B.
A gimbal-mounted, servo-controlled aircraft model for the simulation of flight-mechanical motions /Eln kardanisch gelagertes, servogesteuertes Flugzeugmodell zur Simulation flugmechanischer Bewegungen/. 18 p3019 A67-33458
- HECHT, R. L.
Flux jumps in a hard superconductor in superimposed AC and DC magnetic fields. 04 p0682 A67-15328
- HECHT, S.
Fabrication and performance of a hybrid microelectronic multilayer UHF amplifier. 21 p3596 A67-38342
- HECK, J. A.
The circumferential seal - Its application, its place in the seal spectrum relative to gas turbines. [SAE PAPER 670062] 09 p1508 A67-22536
- HECKEL, D. T.
Unit and system design of a lunar operating TV camera. [SMPT PAPER 101-43] 12 p1904 A67-25461
Improving potentiometer life. 14 p2325 A67-28770
Environmental and thermal effects on Surveyor vidicon performance. [SMPT PAPER 102-32] 22 p3807 A67-40373
- HECKEL, R. W.
X-ray line broadening and residual stress studies of composite materias. 18 p3067 A67-34570
- HECKEN, R.
Helium-neon laser oscillator with coupled resonators /Eln Helium-Neon-Laser-Oszillator mit gekoppelten Resonatoren/. 05 p0826 A67-17326
- HECKENBERG, N. R.
Effects of a density gradient on the magneto-Kerr effect at the boundary of a collisional plasma. 13 p2164 A67-26300
- HECKL, M. A.
Interaction of a distributed surface vibration with an adjacent steady fluid flow. 10 p1623 A67-22861
- HECKMAN, D.
Wake plasma turbulence study using an electrostatic probe array. 17 p2861 A67-33023
- HECKMAN, G. R.
Stabilizing heat treatments for gas turbine bucket alloys. [ASME PAPER 67-GT-55] 11 p1808 A67-24811
On the hypersonic analogue as applied to planetary interaction with the solar plasma. 17 p2951 A67-33208
Application of the hypersonic analog to the standing shock of Mars. 19 p3324 A67-35442
- HECKMANN, O.
150 years of cosmology /150 Jahre Kosmologie/. 05 p0897 A67-16775
- HECTOR, D. L.
On the nonuniqueness of Oseen flow past a half plane. 08 p1319 A67-20351
- HEDGCOCK, F. T.
Localized magnetic moments in impurity-banded semiconductors. 13 p2177 A67-26990
- HEDGE, J. C.
Total normal emittance measurements to 2200 deg C in air. [AIAA PAPER 65-855] 03 p0447 A67-13035
- HEDGEPEETH, J. M.
Survey of problems of structural dynamic stability in vehicle design. 14 p2397 A67-28084
Local stress concentrations in imperfect filamentary composite materias. 20 p3474 A67-37270
- HEDGES, M. T.
Special grade RDX for exploding bridge wire initiators. 14 p2377 A67-28955
- HEDGPETH, H.
Chemistry of irradiation induced polytetrafluoroethylene radicals. 17 p2810 A67-33260
- HEDRICK, T. I.
Microorganism shedding by human beings. 20 p3374 A67-36803
- HEDVALL, P.
Non-linear coupling between slow and fast waves in a waveguide partially filled with a plasma. 20 p3492 A67-36126
Wave propagation in a parallel-plate waveguide partially filled with a hot and inhomogenous plasma. 20 p3492 A67-36127
- HEEN, H. K.
Lunar Orbiter camera. [SMPT PAPER 101-47] 12 p1940 A67-25465
- HEENAN, N. I.
UHF telemetry systems design for the Edwards high-range. 02 p0229 A67-12007
- HEER, C. V.
Theory for the polarization of the four cosmic OH 18-cm lines. 13 p2161 A67-27289
- HEER, E.
Thermal excitations of thin elastic shells. [AIAA PAPER 66-84] 04 p0709 A67-14841
Coupled systems subjected to determinate and random input. 09 p1573 A67-21752
- HEERMANN, H.
A comparison of point performance and gradient technique. 15 p2418 A67-29406
- HEERMANN, H. P.
Alternate approach for aerospacecraft design sensitivities. 13 p2054 A67-27600
- HEESCHEN, D. S.
The absolute radio luminosity and surface brightness of extragalactic radio sources. 03 p0515 A67-14320
Radio astronomy - A large antenna array. 23 p3978 A67-40798
- HEEZEN, B. C.
Teklites and geomagnetic reversals. 13 p2198 A67-28792
Teklites and geomagnetic reversals. 16 p2754 A67-31864
- HEFFRON, W. G., JR.
Relationships between geographic and inertial coordinates. 11 p1786 A67-24353
- HEFLINGER, L. O.
Scaling law for MHD acceleration. 05 p0856 A67-17365
- HEFNER, J. N.
Effect of forward-facing jets on aerodynamic characteristics of blunt configurations at Mach 6. 11 p1742 A67-24354
- HEFNER, O. V.
Surface molding - New tool for the engineer. 11 p1756 A67-24251
- HEFNI, I.
A stability criterion for tunnel diode amplifier. 19 p3196 A67-35662
- HEFTMAN, K.
Data return capabilities of the deep space network in the 1970s. [AIAA PAPER 67-648] 20 p3387 A67-37628
- HEGEDUES, A.
Concerning the stationary motion of an impact-oscillation system, when the impact is not considered as instantaneous /Ueber die stationaere Bewegung eines Schlagschwingensystems, wenn der Zusammenstoss nicht als momentan betrachtet wird/. 20 p3483 A67-36195
- HEGLER, B. E.
Ideal single sideband modulation. 19 p3181 A67-34848
- HEGNER, H. R.
Indirect sensing of quiescent parameters for built-in test equipment. 03 p0388 A67-14216
Remote sensing of parameters for nonelectronic systems. [AIAA PAPER 67-774] 24 p4158 A67-42942
- HEGYI, I. J.
Vapor-phase growth of GaAs sub 1 sub -x P sub x room-temperature injection lasers. 11 p1802 A67-24741
- HEHEMANN, R. F.
Superconductivity in aged zirconium-niobium /columbium/ alloys. 05 p0828 A67-16469
- HEHN, A. H.
Remote sensing of parameters for nonelectronic systems. [AIAA PAPER 67-774] 24 p4158 A67-42942
- HEICKLEN, J.
The production of perfluorocyclopropane in the reaction of oxygen atoms with tetrafluoroethylene. 01 p0018 A67-10762
Reaction of oxygen atoms with tetrafluoroethylene in the presence of molecular oxygen. 04 p0567 A67-15949
A reexamination of the mercury-photosensitized oxidation of tetrafluoroethylene. 04 p0567 A67-15950
Gas-phase chemistry of re-entry. 05 p0928 A67-17334
Some reactions of oxygen atoms.
- II. Fate of triplet difluoromethylene. 20 p3378 A67-37561
- HEIDBREDE, G. R.
Effect of a turbulent medium on the power pattern of a wavefront-tracking circular aperture. 06 p1033 A67-18538
Detection probabilities for log-normally distributed signals. 07 p1144 A67-19868
Image degradation with random wavefront tilt compensation. 09 p1461 A67-21596
Measurements of spatial coherence in 3.2-mm horizontal transmission. 09 p1461 A67-21599
Power pattern degradation for weighted circular apertures in a turbulent atmosphere. 09 p1462 A67-21610
- HEIDBRECHT, A. C.
Vibration of nonuniform simply-supported beams. 11 p1874 A67-24429
- HEIDELBERG, G.
Problems of large helicopters /Zu den Problemen des Grosshubschraubers/. 03 p0358 A67-12984
- HEIDEMANN, R. A.
An optimal discrete controller for a system with load changes. 16 p2649 A67-31668
- HEIDLER, G. R.
Advances in the systems approach to digital computer packaging. 05 p0778 A67-17455
- HEIDMANN, M. F.
Strong, traveling, transverse acoustic modes generated by a rotating gas jet. 23 p3993 A67-41763
- HEIDRICH, A. J.
Application of scattering matrix method to antenna coupling problems. 20 p3405 A67-37644
- HEIKKILA, W. J.
Practical problems encountered in rocket studies of geophysical disturbances. 05 p0904 A67-16295
Comparison of ionospheric probe techniques. 10 p1656 A67-23285
- HEIL, H.
Measurements of plasma potential and particle energies in a cesium plasma by simultaneous observation of ion and electron energy spectra. 09 p1548 A67-22338
Electron energy distribution and thermalization measurements in plasmas. 19 p3274 A67-35105
- HEIL, W. H.
Recent improvements in titanium mill products. [SAE PAPER 660651] 01 p0079 A67-10612
- HEILMANN, W.
Grid wind-tunnel investigations on blades for transonic and supersonic condensers /Gitterwindkanaluntersuchungen an Schaufeln fuer Transonic-und Ueberschallverdichter/. 23 p3987 A67-41328
- HEILMEIER, G. H.
A ferroelectric field effect device. 01 p0036 A67-10463
- HEILOS, L. J.
Visual display of infrared laser output on thermographic phosphor screens. 09 p1500 A67-22433
- HEIMAN, F. P.
Thin-film silicon-on-sapphire deep depletion MOS transistors. 09 p1475 A67-22203
Donor surface states and bulk acceptor traps in silicon-on-sapphire films. 21 p3677 A67-38012
The future role of field-effect devices in electronics. 21 p3590 A67-38064
- HEIMES, K. A.
Boundary value problems for ordinary nonlinear second order systems. 04 p0647 A67-15744
- HEIMLICH, R.
Measurements of beam divergence of Q-switched ruby laser rods. 10 p1687 A67-23782
- HEIN, A.
Dissociation of the visual placing response into elicited and guided components. 24 p4113 A67-42221
- HEIN, R. A.
Superconducting properties of germanium telluride. 06 p1069 A67-18981
- HEINE, D.
The fire test results. 02 p0181 A67-12232
- HEINE, V.
Role of screening in surface ion neutralization. 03 p0473 A67-13512
Structure of di-and trivalent metals. 05 p0889 A67-17189
S-D interaction in transition

- metals. 07 p1238 A67-20217
Electronic structure of Ca, Sr, and Ba under pressure. 10 p1882 A67-23399
- HEINE, V. H. C.
Dual tandem servomotor for cable is regenerative. 20 p3386 A67-37550
- HEINEMANN, M.
Handling of people in long haul air transportation - A manufacturer's point of view. [AIAA PAPER 66-843] 02 p0181 A67-12257
Quick-change /QC/ airplane system - A prospective. 06 p0946 A67-18005
- HEINICKE, W.
Energetic plasmas produced by laser light on solid targets. 23 p4033 A67-41152
The temperature dependence of stimulated Brillouin scattering in quartz. 24 p4204 A67-42365
- HEINLE, W.
Diagram of Gunn-effect phenomena. 03 p0500 A67-13993
Determination of current waveform and efficiency of Gunn diodes. 09 p1474 A67-22039
Simple theory for L.S.A. operation of Gunn-effect semiconductor. 22 p3864 A67-40314
- HEINLEIN, W.
Overall signal behavior of parametric up-converters /Grosssignalverhalten parametrischer Aufwaertsamsetzer/. 02 p0220 A67-12205
- HEINMILLER, C. S.
The Lunar Orbiter photographic system. [SMPTE PAPER 101-46] 12 p1940 A67-25464
- HEINRICH, G.
Rolling friction with axial thrust /Rollreibung mit axialem Schub/. 17 p2865 A67-32263
- HEINRICH, H. G.
Model laws governing parachute performance in Martian environment. 04 p0551 A67-14574
The effective porosity of ribbon grids. 06 p0944 A67-17630
Model laws governing parachute performance in Martian environment. 20 p3356 A67-36408
- HEINSEHEIMER, T.
Horizontal probing of the troposphere by means of constant-altitude balloons /Sondage horizontal de la troposphere au moyen de ballons plafonnants/. 09 p1525 A67-22560
- HEINTZ, K.
High-power traveling-wave tube YH 1041 - A new transmitter tube for satellite radiocommunication. 08 p1307 A67-21446
Transmission characteristics of high power travelling-wave-tubes for satellite ground-stations. 09 p1478 A67-22258
- HEINZ, O.
Collision spectroscopy. I. 22 p3839 A67-39205
- HEINZE, E.
Possible applications of glass-fiber-reinforced plastics /Anwendungsmoeglichkeiten glasfaserverstaerkter Kunststoffe/. 06 p1007 A67-18019
- HEIRTZLER, J. R.
Rapid geomagnetic activity at very low latitude conjugate stations. 03 p0408 A67-12843
Magnetic anomalies over the Pacific-Antarctic ridge. 04 p0611 A67-14493
- HEISE, O.
Calculation of the stresses and strains of axisymmetrically loaded shells of revolution according to first and second-order theory /Die Berechnung der Spannungen und Deformationen axialsymmetrisch belasteter Rotationsschalen nach der Theorie erster und zweiter Ordnung/. 03 p0521 A67-13018
- HEISE, U.
A moire method for measuring plate curvature. 05 p0921 A67-16827
- HEISEN, A.
New methods for determining the plasma output of anomalous glow discharges /Neue Methoden zur Bestimmung des Plasmawirkungsgrades von anomalen Glimmladungen/. 19 p3273 A67-35099
Validity of one-dimensional models for the constricted anomalous H sub 2 glow discharge /Zur Gueltigkeit eindimensionaler Modelle fuer die kontrahierte anomale H sub 2 Glimmladung/. 19 p3274 A67-35100
- HEISER, A. M.
Three-color photometry of DQ Cephei. 05 p0891 A67-16405
- HEISER, W. H.
Compound-compressible nozzle flow. 23 p3927 A67-40603
- HEISIG, U.
Continuous electron beam processing plant for plane thin-film resistors. 04 p0600 A67-15479
- HEISLER, L. H.
Travelling ionospheric disturbances. 10 p1643 A67-23251
On the divergence of radio rays in the ionospheric medium. 16 p2629 A67-31512
- HEISS, W.-D.
Single fibers of cat optic nerve - "Thresholds" to light. 10 p1598 A67-23581
- HEITMANN, W.
Extremely high reflective dielectric mirror coatings with zinc selenide /Extrem hochreflektierende dielektrische Spiegelschichten mit Zinkselenid/. 04 p0634 A67-15654
- HEITZ, R. M.
Self-sealing structures for micrometeoroid protection. 22 p3913 A67-39885
- HEKHUIS, G. L.
Some effects of macrofractionated gamma ray irradiation upon the rhesus primate. 10 p1599 A67-23816
- HEKIMIAN, N. C.
Digital frequency synthesizers. 21 p3601 A67-38974
- HELBURG, R. J.
The lunar orbiter - An integrated design. 24 p4241 A67-42404
- HELBERT, J. M.
Maps of the plates of a Fabry-Perot /Cartes des lames d'un Fabry-Perot/. 20 p3440 A67-36358
- HELBING, R. R. B.
Measurement of the Li-Hg total cross section at very low energies. 18 p3082 A67-34031
- HELD, R.
Dissociation of the visual placing response into elicited and guided components. 24 p4113 A67-42221
- HELDENFELS, R. R.
Structural prospects for hypersonic air vehicles. 03 p0362 A67-14383
- HELDER, G. K.
Subjective evaluation of telephone communications via Early Bird satellite and cable circuits. 06 p0959 A67-17687
- HELDMAN, D. R.
Microorganism shedding by human beings. 20 p3374 A67-36803
- HELDMANN, G.
The effect of the E/k-relation on tunneling through asymmetric barriers. 20 p3508 A67-36425
- HELDT, L. A.
Creep of intrinsic and gallium-doped germanium. 04 p0677 A67-15121
- HELESCHWITZ, H.
Heterogeneous processes in the combustion of gaseous mixtures. 18 p3155 A67-33847
- HELFER, H. L.
Some instabilities of non-circular motions in the Galaxy. 22 p3893 A67-40502
- HELGESEN, C. I.
Investigation of the bonding mechanism between metals and ceramics. 02 p0255 A67-12060
- HELIN, E.
Determination of iron, nickel, cobalt, calcium, chromium and manganese in stony meteorites by X-ray fluorescence. 24 p4235 A67-42638
- HELLAN, K.
A numerical method of analysis of orthotropic and inhomogeneous cylindrical shells. 15 p2574 A67-29471
- HELLBAUM, R. F.
Wall attachment crossover "AND" gate. 14 p2251 A67-28337
- HELLBERG, M. A.
Model Fokker-Planck equations. III. 22 p3843 A67-39266
- HELLER, R. A.
Determination of the complex shear modulus of a filled elastomer from a vibrating sandwich beam. 09 p1574 A67-21838
Fatigue failure of a redundant structure. 10 p1718 A67-23432
Effects of mean pressure on the behavior of a filled elastomer. [SESA PAPER 1224] 18 p3142 A67-33891
Effects of mean pressure on the behavior of a filled elastomer. 19 p3340 A67-35465
Random-load fatigue tests on a fail-safe structural model. 23 p4076 A67-40735
- HELLIWEILL, J. B.
Differential approximation for the flux of thermal radiation. 02 p0235 A67-12566
Ionizing detonation waves in transverse electromagnetic fields. 15 p2528 A67-29567
One-dimensional steady magnetogasdynamic flow in oblique fields and the structure of shock waves. 24 p4198 A67-42707
- HELLIWEILL, R. A.
Progress in magnetospheric radio. 05 p0795 A67-16011
VLF noise of magnetospheric origin. 14 p2265 A67-28414
A theory of discrete VLF emissions from the magnetosphere. 23 p3995 A67-40802
- HELLIWEILL, T. M.
Experimental and theoretical study of molecular, continuum, and line radiation from planetary atmospheres. [AIAA PAPER 67-323] 12 p2037 A67-26038
- HELLMOUTH, O.
A sodium-lithium point cloud payload. 03 p0413 A67-13375
- HELLMUTH, E.
Superheating of linear high polymers - Polytetrafluoroethylene. 04 p0641 A67-14528
- HELLSTROM, M. J.
Advances in monolithic integrated circuits. 12 p1916 A67-25995
- HELLUMS, J. D.
Numerical solution of the three-dimensional equations of motion for laminar natural convection. 11 p1774 A67-23861
Simultaneous heat and mass transfer in laminar free convection with a moving interface. 19 p3346 A67-35613
Laminar gas jet impinging on an infinite liquid surface. 24 p4144 A67-42585
- HELLWIG, G.
Differential Operators of Mathematical Physics. 20 p3475 A67-36434
- HELLWIG, H.
Investigation of the frequency stability of the ammonia laser on the 3-2 line /Untersuchung der Frequenzgenauigkeit des Ammoniaklasers auf der 3-2-Linie/. 01 p0088 A67-10247
Automatic tuning of hydrogen masers. 13 p2125 A67-26512
- HELM, K.
Ignition of oxyhydrogen gas in a shock-wave tube /Zuendung von Wasserstoff-Knallgas im Stosswellenrohr/. 18 p3160 A67-34261
Ignition of oxyhydrogen gas in a shock-wave tube /Zuendung von Wasserstoff-Knallgas im Stosswellenrohr/. 21 p3731 A67-38366
- HELMBERGER, J.
Measurements of the speed of light with a He-Ne gas-laser as the source of light /Lightgeschwindigkeitsmessungen mit einem He-Ne-Gaslaser als Lichtquelle/. 18 p3059 A67-33671
- HELMER, J. C.
Ion gauge for vacuum pressure measurements below 1 x 10 super -10 torr. 05 p0805 A67-16462
Applications of an approximation to molecular flow in cylindrical tubes. 21 p3610 A67-37823
- HELMIS, G.
Calculation of the ionization of an argon-cesium mixture flowing in a transverse magnetic field /Rechnungen zur Ionisierung eines stromenden Argon-Caesium-Gemisches im transversalen Magnetfeld/. 17 p2900 A67-32338
- HELPS, K. A.
The identification of three parameters using a linear plant model. 15 p2420 A67-30340
- HELSTROM, C. W.
Detectability of coherent optical signals in a heterodyne receiver. 11 p1800 A67-24419
- HELTON, A. L.
On-board measurements. 10 p1855 A67-23000
- HEMENWAY, C.
The survival of micro-organisms in space - Further rocket and balloon-borne exposure experiments. 15 p2424 A67-29097
The survival of terrestrial microorganisms in space at orbital altitudes during Gemini satellite experiments. 19 p3178 A67-35223
- HEMENWAY, C. L.
High altitude balloon-top collections of cosmic dust. 10 p1708 A67-23239
The biological effectiveness of solar

- electromagnetic radiation in space. 19 p3177 A67-35184
- HEMPEL, P.**
Rendezvous maneuver of low propellant consumption in the case of an elliptical target orbit /Rendezvous-Manöver niedrigen Massenbedarfs bei elliptischer Zielbahn/. 01 p0152 A67-10208
Optimum three-dimensional ascent trajectories in a model gravitational field /Optimale dreidimensionale Aufstiegsbahnen in einem Gravitations-Modellfeld/. 12 p2000 A67-25211
Estimation of the optimal value of the target function /Abschätzung des optimalen Wertes der Zielfunktion/. 13 p2087 A67-26618
Extension of the Hohmann transfer to nonaligned elliptical orbits /Ausdehnung des Hohmann-Uebergangs auf nicht-koaxiale elliptische Bahnen/. 20 p3526 A67-37253
Application of eigenstate variables to the determination of optimum orbital transfer. 22 p3878 A67-39154
- HEMPHILL, W. R.**
Ultraviolet investigations for lunar missions. 08 p1331 A67-21079
- HEMPSON, J. G. G.**
Temperature measurements in a high-speed radial turbine rotor. 12 p1988 A67-25354
- HEMSTREET, H. W., JR.**
Holography of moving objects. 21 p3627 A67-38347
Local reference beam generation in holography. 24 p4158 A67-42819
- HEN, C.-C.**
A differential D.C. amplifier with ultra high input impedance. 05 p0773 A67-16512
- HENAFF, J.**
Internal modulation of gas laser at 100 and 4000 MHz /Modulation interne du laser a gaz a 100 MHz et 4000 MHz/. 09 p1514 A67-22269
- HENCH, L. L.**
AC conductivity of a glass semiconductor. 12 p1980 A67-25181
Structure and properties of glass-ceramics. 20 p3473 A67-36596
- HENDEL, A. Z.**
Radio pulses from cosmic-ray air showers. 06 p1076 A67-17554
- HENDEL, F. J.**
Future of solid rockets for space exploration. 16 p2735 A67-30702
- HENDEL, H. W.**
Electric propulsion for spacecraft. 06 p1074 A67-18418
Collisional effects in plasmas - Drift-wave experiments and interpretation. 10 p1684 A67-23073
Collisional drift instability in non-isothermal plasmas. 11 p1834 A67-24380
Interpretation of experiments on collisional drift modes. 11 p1834 A67-24381
- HENDERSHOT, K. C.**
A new approach for evaluating the performance and base environment characteristics of nonconventional rocket propulsion systems. [AIAA PAPER 67-256] 07 p1241 A67-20072
- HENDERSON, A., JR.**
Fluid dynamic studies to M equals 41 in helium. [AIAA PAPER 65-399] 04 p0548 A67-14815
Recent studies of factors affecting high lift-drag ratios at M equals 19 in helium. [AIAA PAPER 67-138] 06 p0940 A67-18439
Boundary layer transition at hypersonic Mach numbers. [AIAA PAPER 67-130] 06 p0989 A67-18474
Transition measurements at hypersonic Mach numbers. 08 p1320 A67-20584
- HENDERSON, C. W.**
Research and system requirements for a lunar scientific laboratory. 04 p0597 A67-15063
Extended lunar exploration. 08 p1412 A67-21089
- HENDERSON, E. P.**
The occurrence and origin of lamellar troilite in iron meteorites. 14 p2391 A67-28948
On the occurrence of brinites and panethite, two new phosphate minerals from the Dayton meteorite. 24 p4234 A67-42625
- HENDERSON, G.**
Applications of the prism Fabry-Perot in solar physics and arglow. 20 p3440 A67-36360
- HENDERSON, J. G.**
Accurate motion sensing using the Mossbauer effect. 01 p0062 A67-10156
- HENDERSON, L. F.**
Experiments on the impingement of a supersonic jet on a flat plate. 01 p0006 A67-10792
The refraction of a plane shock wave at a gas interface. 04 p0601 A67-14465
A critique of the starting phenomenon on supersonic intakes. 10 p1590 A67-22918
- HENDERSON, R. E.**
VHF tunnel-diode frequency multiplier. 07 p1155 A67-19793
- HENDERSON, R. W.**
Considerations in the design and performance of hypersonic gun tunnels. 12 p1926 A67-26129
A high pressure hypersonic gun tunnel. 21 p3607 A67-37779
- HENDERSON, T. L. E.**
S sub q current effects on the seasonal variations in the E-region of the ionosphere. 14 p2312 A67-28569
- HENDERSON, V. D.**
The functional design of a generalized vehicle flight simulation program. 02 p0228 A67-11804
The impact of a spaceborne programming language on the development of flight software. 15 p2439 A67-29600
- HENDERSON, W. R.**
Charge transfer of N sub 2 super plus and O sub 2 super plus with sodium atoms. 16 p2705 A67-31758
- HENDRICKS, C. D.**
Physics of charged colloidal particles and the technology of their production. 04 p0689 A67-15016
- HENDRICKS, P. L.**
Strain aging of tantalum. 06 p1015 A67-17896
Increased reliability of a high-strength steel through thermal-mechanical treatments. 11 p1806 A67-24363
- HENDRICKS, S. J.**
First magnetic field results from the OGO-2 satellite. 10 p1641 A67-23244
- HENDRICKS, T. C.**
Trajectory sensitivity of an optimal control system. 08 p1309 A67-20327
- HENDRICKSON, H. C.**
The display/control complex of the manned space mission control center. 15 p2467 A67-29736
A high-precision display system. 20 p3447 A67-36807
- HENDRICKSON, L. E.**
Creep of intrinsic and gallium-doped germanium. 04 p0677 A67-15121
- HENDRY, D. P.**
Reinforcing effect of an informative stimulus that is not a positive discriminative stimulus. 11 p1748 A67-25065
Quantification of response suppression in conditioned anxiety training. 20 p3373 A67-37577
- HENGERER, F.**
Influence of microsegregations formed in the transition zone on the weldability of a high-temperature-resistant steel plate /Influence des micro-segregations formées dans la zone de transition sur la soudabilité d'une tôle d'acier résistant a haute temperature/. 18 p3063 A67-33673
- HENGSTENBERG, T. F.**
Mechanical behavior of a continuous filament carbon composite. 03 p0453 A67-13412
Mechanical behavior of a continuous filament carbon composite. [AIAA PAPER 67-173] 06 p1021 A67-18509
- HENIZE, K. G.**
Ultraviolet stellar spectroscopy on Gemini 11. 10 p1706 A67-23060
- HENKE, R. W.**
Digital fluidics works now. 06 p0952 A67-18833
- HENKEL, R.**
Electromagnetic compatibility operational problems aboard the Apollo spacecraft tracking ship. 20 p3387 A67-37641
- HENNE, W.**
The step-recovery diode as frequency multiplier /Die Step-Recovery-Diode als Frequenzvervielfacher/. 13 p2082 A67-27389
- HENNEL, J.**
Input admittance of electronic tubes and methods for measuring it /Admittancja wejściowa lamp elektronowych i metody jej pomiaru/. 02 p0279 A67-11462
- HENNEQUIN, J.-F.**
On the bombardment of aluminum and copper by argon ions in the presence of oxygen, and by oxygen and nitrogen ions /Sur la pulvérisation de l'aluminium et du cuivre par des ions argon en présence d'oxygène, par des ions oxygène et par des ions azote/. 14 p2351 A67-28513
- HENNES, J.**
Ultraviolet technology. 04 p0619 A67-14704
The ultraviolet solar spectrum and the earth's reflectivity. 22 p3794 A67-40363
- HENNESSY, J. R.**
Cutaneous sensitivity communications. 09 p1456 A67-22375
- HENNIG, G.**
Adhesion of metals /Metallkleben/. 07 p1193 A67-20291
- HENNINGS, F.**
Heat-flux measurements at the insulation of cryogenic-propellant tanks /Die Messung des Wärmeflusses an der Isolierung von Tanks fuer kryogene Treibstoffe/. 13 p2222 A67-26580
- HENNINGSSEN, C. G.**
Laminate selection and specification. 08 p1334 A67-20741
- HENON, M.**
Numerical exploration of the restricted three-body problem. 08 p1380 A67-20386
Initial collapse and dynamical mixing of a spherical cluster. 22 p3894 A67-40509
- HENNRAD, J.**
Natural families of periodic orbits. 13 p2205 A67-27476
Normalization at L sub 4. 13 p2208 A67-27521
Trojan orbits. II. 16 p2747 A67-30985
- HENRI, D.**
Plastic molded transistors for hybrid integrated circuits - Production and reliability /Transistors "enrobés plastiques" pour circuits integres hybrides - Realisation et fiabilité/. 13 p2077 A67-26651
- HENRIKSON, C. H.**
Considerations in the design of a guidance and control system for advanced interplanetary missions. 02 p0285 A67-12381
- HENRIKSON, L. J.**
Estimation using sampled-data containing sequentially correlated noise. 19 p3206 A67-35941
- HENRY, C. H.**
Electronic Raman scattering by acceptors in GaP. 04 p0673 A67-14477
Mixing of visible and near-resonance infrared light in GaP. 04 p0682 A67-15464
- HENRY, C.-J.**
Effect of vacuum on the sintering temperature /Effet du vide sur la temperature de soudage/. 06 p1006 A67-17559
- HENRY, D. G.**
Aspects of vehicular S-band telemetry antennas. [AAS PAPER 67-51] 15 p2454 A67-30116
- HENRY, J. F.**
Certain aspects of fuel cells /Quelques aspects des piles a combustible/. 14 p2253 A67-29025
- HENRY, J. P.**
Helium breathing and exercise hyperpnea. 23 p3953 A67-41586
- HENRY, L.**
Study of the recovery time of a CO sub 2 laser excited by pulse discharges /Etude du temps de recouvrement du laser a gaz carbonique excité par décharges impulsionnelles/. 23 p4011 A67-40692
- HENRY, P.**
Optical constants of seven ionic crystals at low temperature in the far infrared - Difference process - Role of impurities /Constantes optiques de sept cristaux ioniques a basse temperature dans l'infrarouge lointain - Processus de difference - Role des impuretes/. 14 p2374 A67-28986
- HENRY, P. M.**
Variational lower bounds on electron hydrogen S-wave phase shifts. 07 p1226 A67-19499
Static Green's function for elastic electron-hydrogen scattering and resonances. 22 p3839 A67-39204
- HENRY, R.**
A simple optical ranging technique for orbital rendezvous. 09 p1527 A67-22395
- HENRY, R. J. W.**
Multichannel photo-ionization of atomic systems. 07 p1226 A67-19498
- HENSHAW, D. H.**
The lateral dynamic stability equations in terms of an equivalent aircraft in level flight without inertial cross

- coupling. 06 p0949 A67-18597
- HENTLEY, E. L.
Masers for a radio astronomy
interferometer. 07 p1197 A67-20115
- HENZE, E.
Learning processes with time-dependent
probabilities /Lernprozesse mit
zeitabhaengigen Wahrscheinlichkeiten/.
01 p0104 A67-10280
- HENZEL, J. H.
On the measurement of the transmission
of external force through fluid systems in
primates. 10 p1600 A67-23821
- HEPPE, R. R.
Supersonic transport design
evolution. 03 p0360 A67-13918
Evolution of Lockheed's
SST. 03 p0362 A67-14299
Impact of future aeronautical vehicles on
development test facility planning.
[AIAA PAPER 67-780] 24 p4139 A67-42947
- HEPPENER, J. P.
Rocket measurements of mid-latitude Sq
currents. 12 p1935 A67-25794
- HEPPNER, J. P.
High latitude magnetic disturbances - A
brief review with initial results from motion
picture presentation. 18 p3032 A67-33583
- HEPWORTH, H. K.
Laminar flow between parallel plates with
arbitrary time-varying pressure gradient and
arbitrary initial velocity. 10 p1629 A67-23842
- HERBELL, T. P.
Studies of tungsten composites containing
fibers or reacted
additives. 01 p0098 A67-10702
- HERBELLEAU, F.
Direct method of showing the existence of
extensive air showers due to primary
photons /Sur une methode directe
demontrant l'existence des grandes gerbes
de l'air dues a des photons
primaires/. 19 p3316 A67-35796
- HERBERT, C. N.
Broadband varactor tuning of transistor
oscillators. 10 p1613 A67-23412
- HERBERT, M. V.
Lift characteristics of asymmetric exhaust
nozzles at high flight
speeds. 04 p0545 A67-14440
Centre-body nozzles for supersonic
transport aircraft. 06 p0942 A67-18745
Pressure loss associated with compressible
flow through square-mesh wire
gauzes. 14 p2305 A67-29009
- HERBERT, P. J.
Determination of the attitude of the
Skylark rocket in free
space. 08 p1406 A67-20508
- HERBERT, R. E.
Stability of elastic bodies subjected to
body and pressure forces with specialization
to thin shells. 01 p0165 A67-11307
- HERBERT, W.
The McFadyen-Stevens synthesis of
aliphatic aldehydes containing alpha-
hydrogens. 04 p0565 A67-14524
- HERBISON-EVANS, D.
Optimum aperture distribution of a
multimode monopulse
feed. 22 p3763 A67-40313
- HERBST, W.
Calculation of the aerodynamic coefficients
of a finite wing with built-in lifting fans
/Zur Berechnung der aerodynamischen
Beiwerte des endlichen Tragflugels mit
eingebauten
Hubgeblasen/. 01 p0006 A67-10769
Simple evaluation procedure for military
aircraft /Ein einfaches Bewertungsverfahren
fuer Militaerflugzeuge/. 11 p1885 A67-25102
The problem of magnification factors in
aircraft /Zum Problem des
Vergroeserungsfaktors von
Flugzeugen/. 14 p2245 A67-28062
- HERCHER, M.
High-intensity reciprocity failure in Kodak
649-F plates at 6943 angstrom
units. 09 p1496 A67-21711
- HERCHNER, D.
Noise characteristics of modern silicon
planar transistors in the low-frequency range
/Rauschennwerte eines modernen Silizium-
Planar-Transistors im Niederfrequenzgebiet/.
10 p1610 A67-22924
- HERCZEG, T.
Creation of the smaller celestial bodies in
the solar system /Von der Entstehung der
kleineren Himmelskoerper im
Sonnensystem/. 13 p2195 A67-26466
- HERD, R. J.
Lift characteristics of asymmetric exhaust
nozzles at high flight
speeds. 04 p0545 A67-14440
- HERFERT, R. E.
Microstructural studies of Rene 41
simulated weld heat-affected
zones. 07 p1198 A67-18215
Electron fractography pinpoints cause of
fatigue fracture. 07 p1211 A67-20250
- HERING, R. G.
Radiative heat exchange between
specularly reflecting surfaces with direction-
dependent properties. 04 p0738 A67-15869
Radiative heat exchange and equilibrium
surface temperature in a space environment.
[AIAA PAPER 67-212] 06 p1115 A67-18328
Bidirectional reflectance of rough metal
surfaces. 12 p2037 A67-26034
- HERING, W. S.
Ozone and atmospheric transport
processes. 03 p0414 A67-14090
Ozone heating and radiative equilibrium in
the lower stratosphere. 19 p3226 A67-35922
- HERISTCHI, D.
Balloon measurements of solar protons in
northern Scandinavia on July 7,
1966. 19 p3312 A67-35175
- HERISTCHI, DJ.
Preliminary report on measurements with
balloon-borne detectors in Northern
Scandinavia during the solar proton event of
July 7, 1966. 05 p0882 A67-18740
Study of primary cosmic radiation and its
interaction in the atmosphere by means of
simultaneous "SPARMO" flights made during
minimum solar activity /Etude du
rayonnement cosmique primaire et de son
interaction dans l'atmosphere a l'aide des
vols simultanes S.P.A.R.M.O. effectues
durant le minimum d'activite
solaire/. 15 p2550 A67-29533
- HERLET, A.
Forward characteristics of thyristors in
the fired state. 03 p0380 A67-13482
- HERMAN, F.
New studies of the band structure of the
diamond-type crystals. 06 p1058 A67-18902
Photoemission study of the electronic
structure of CdTe. 12 p1983 A67-25478
- HERMAN, J. R.
Spread-F effects on WWV signal
quality. 06 p0964 A67-18575
A charged particle production mechanism
for spread-F irregularities.
[AGARDOGRAPH 95] 15 p2484 A67-30304
- HERMAN, M.
Microstrain compression of a beryllium -
4.37 percent copper alloy parallel to the C-
axis. 13 p2137 A67-27114
- HERMAN, M. A.
Theoretical amplification characteristics of
multicavity masers for weak and strong
maser action /Teoretyczne charakterystyki
przenoszenia maserow wielownekowych dla
silnej i slabej akcji
maserowej/. 19 p3241 A67-36027
- HERMAN, P.
Miniature X-band Gunn oscillator with a
dielectric-tuning system. 05 p0775 A67-18951
- HERMAN, R. A.
Aspects of using infrared for electronic
circuit diagnosis. 22 p3769 A67-39631
- HERMAN, R. T.
Factors limiting UHF telemetry systems
operation. 02 p0196 A67-12005
- HERMANCE, C. E.
Continuous measurement of the burning
rate of a composite solid propellant.
[AIAA PAPER 67-69] 06 p1072 A67-18450
A detailed model of the combustion of
composite solid
propellants. 15 p2580 A67-29985
Continuous measurement of the burning
rate of a composite solid propellant.
[AIAA PAPER 67-69] 21 p3688 A67-38857
- HERMANN, A. M.
Hall effect and transport properties of
iodine. 04 p0675 A67-14757
Solid-state electrochemical cells based on
charge transfer complexes.
[JPL-TR-32-1116] 24 p4097 A67-41804
Photovoltaic effect in poly-N-
vinylcarbazole-iodine charge transfer
complex. 24 p4201 A67-41899
Electron spin resonance of acenaphthene
radical ion and radical ion pairs.
[JPL-TR-32-1138] 24 p4201 A67-41899
- [JPL-TR-32-1144] 24 p4118 A67-42326
Reactions of N-vinyl carbazole with anionic
initiators. 24 p4118 A67-42601
[JPL-TR-32-1126] 24 p4118 A67-42601
Spin resonance, Hall effect, and transport
properties of poly-N-vinyl carbazole-iodine
complex. 24 p4205 A67-42602
[JPL-TR-32-1074] 24 p4205 A67-42602
- HERMANN, G.
Resonance-effects in the output of a He-
Ne laser with an axial magnetic
field. 15 p2498 A67-29512
- HERMANN, R.
Hypersonic flow of air past a circular
cylinder with non-equilibrium oxygen
dissociation including dissociation of the
free stream. 03 p0351 A67-13000
- HERMANN, W.
Determination of effective cross sections
from measurements in cylindrical cascade
arcs /Bestimmung von
Wirkungsquerschnitten aus Messungen an
zylindrischen
Kaskadenboegen/. 22 p3841 A67-40050
- HERMANN, W. A.
Device for metering a variety of metals
for high-vacuum "flash"
evaporation. 23 p4001 A67-41223
- HERMANS, J. J.
The elastic properties of fiber reinforced
materials when the fibers are
aligned. 10 p1715 A67-22859
- HERMANSON, J.
Pseudopotential theory of exciton and
impurity states. 02 p0281 A67-11489
Exciton and impurity states in rare-gas
solids. 02 p0281 A67-11490
- HERMES, H.
Attainable sets and generalized geodesic
spheres. 13 p2088 A67-27096
On the closure and convexity of attainable
sets in finite and infinite
dimensions. 20 p3408 A67-37075
- HERNANDEZ, G. J.
Kinetic temperature measurements of the
5577 angstrom units /OI/ line of the night
airglow. 18 p3037 A67-33609
- HERNANDEZ, H. P.
A review of liquid-hydrogen safety for
research equipment. 13 p2092 A67-27649
- HERNANDEZ, W. C., JR.
Static, axially symmetric, interior solution
in general relativity. 09 p1531 A67-21639
Material sources for the Kerr
metric. 20 p3486 A67-37089
- HERNDON, M.
A scheme for the stabilization of certain
active networks. 01 p0033 A67-10015
- HERNQVIST, K. G.
Argon lasers. 07 p1194 A67-19083
Construction of long life argon
lasers. 11 p1800 A67-24242
- HEROD, J. V.
Longitude dependence of geomagnetically
trapped electrons. 22 p3791 A67-39808
- HEROUX, L.
Collisional excitation of neon
spectra. 03 p0472 A67-13324
Mean lifetimes of the 2p and 3p levels in
HeII. 22 p3840 A67-39206
- HERREN, P. C., JR.
The test in space of a cesium contact ion
propulsion system. 16 p2736 A67-30711
- HERRERA, I.
Riemann representation method in
viscoelasticity. II. 18 p3139 A67-33428
- HERRICK, S.
Single and double integration in the
method of variation of
parameters. 08 p1347 A67-20397
- HERRING, A. K.
Preliminary drawings of lunar limb areas.
VI. 05 p0896 A67-18718
Observations of comet Ikeya-Seki /1965f/
from Mauna Kea, Hawaii. 05 p0896 A67-18719
- HERRING, H. J.
Some experiments on equilibrium
turbulent boundary layers in favourable
pressure gradients. 09 p1489 A67-22415
- HERRING, H. W.
Research on boron filaments and boron
reinforced composites. 03 p0452 A67-13407
- HERRING, J. R.
Some analytic results in the theory of
thermal convection. 04 p0721 A67-14649
Self-consistent-field approach to
nonstationary turbulence. 05 p0794 A67-17417
- HERRING, R. N.
Aerodynamic design considerations of
variable geometry aircraft.
[SAE PAPER 670880] 24 p4094 A67-42014

- HERRMANN, B.**
New low-power gas turbine for air transportation /Neue Luftfahrt-Gasturbinen kleiner Leistung/. 03 p0502 A67-13007
- HERRMANN, C. R.**
Techniques for reliability assessment and growth in large solid rocket motor development. [AIAA PAPER 67-435] 18 p3112 A67-33914
- HERRMANN, G.**
Adjoint systems in nonconservative problems of elastic stability. 04 p0709 A67-14834
Response of cylindrical sandwich shells to moving loads. 04 p0713 A67-15404
Instability modes of cantilevered bars induced by fluid flow through attached pipes. 05 p0921 A67-16882
Bending-torsional flutter of a swept wing in a high-density, low-speed flow. [AIAA PAPER 66-475] 06 p1110 A67-18860
Stability of equilibrium of elastic systems subjected to nonconservative forces. 08 p1422 A67-21048
On dynamic theories of fiber-reinforced composites. 10 p1724 A67-23708
Energy considerations in the analysis of stability of nonconservative structural systems. 14 p2398 A67-28094
Stability of an elastic ring in a rigid cavity. [ASME PAPER 67-APM-19] 17 p2958 A67-32406
Stability of a bar under eccentric follower force. 20 p3538 A67-36674
- HERRMANN, G. F.**
Emission microwave spectroscopy - OCS. 06 p1032 A67-18208
Cyclotron echoes in plasmas. 14 p2356 A67-28150
- HERRMANN, J. E.**
Environmental test data acquisition and processing. 22 p3765 A67-40406
- HERRMANN, K.**
Closed-form solution of a two-dimensional thermal stress problem in the presence of a temperature distribution composed of steady and unsteady elements /Geschlossene Lösung eines ebenen Temperaturspannungsproblems bei vorliegen einer aus stetigen und unstetigen anteilen zusammengesetzten Temperaturverteilung/. 01 p0159 A67-10278
- HERRMANN, L. R.**
Finite-element bending analysis for plates. 23 p4073 A67-40627
- HERRMANN, R.**
Instrumental analyses with the aid of atomic-absorption flame photometry /Instrumentelle Analysen mit Hilfe der Atomabsorptions-Flammenphotometrie/. 13 p2120 A67-26811
- HERRMANN, W.**
Excitation of electron-plasma waves by the interaction of an ion beam with a plasma. 11 p1840 A67-24562
- HERRON, R. G.**
Proton measurements on a vertical probe into the South Atlantic radiation anomaly. 12 p1995 A67-25771
- HERSH, C. K.**
Ozone measurement survey in commercial jet aircraft. 06 p0947 A67-18008
- HERSH, S.**
Measurement of the flame structure of a thermally unstable fuel in an oxidizing atmosphere. 19 p3310 A67-35014
- HERSHBERGER, M. L.**
An experimental study of image motion compensation tracking for earth reconnaissance from space. 18 p2993 A67-34337
- HERSHBERGER, W. D.**
Solid-state plasma controlled nonreciprocal microwave device. 09 p1474 A67-22090
- HERSHEY, H. C.**
Low-temperature thermal expansivities of polyethylene, polypropylene, mixtures of polyethylene and polypropylene, and polystyrene. 06 p1019 A67-17851
Numerical differentiation of equally spaced and not equally spaced experimental data. 19 p3250 A67-35615
- HERTEL, H.**
Critical comment on the suggestion of Kaletsch concerning VTOL /Kritische Stellungnahme zum Kaletsch VTOL Vorschlag/. 02 p0182 A67-12427
Biological-technical research on optimal streamlined forms. II /Biologisch-technische Forschungen ueber stromungstechnisch optimale Formen. II/. 20 p3375 A67-36887
- HERTEL, R. H.**
Vibrating-piston electrostatic field sensor. 01 p0074 A67-11127
- HERTELENDY, P.**
Flexural vibrations of an elastic plate with two symmetric viscoelastic coatings. [ASME PAPER 66-WA/APM-20] 10 p1731 A67-23840
- HERTRICH, H.**
Approximation theory of an oscillating lifting surface of large aspect ratio in the subsonic range with example calculations /Naeherungstheorie der schwingenden Tragflaeche grosser Streckung im Unterschallbereich mit Rechenbeispielen/. 03 p0351 A67-12996
- HERTZ, J.**
Compatibility of Atlas materials with fluorine propellants. 13 p2186 A67-27687
- HERTZ, W.**
Decay of electric conductance in the column of a N sub 2 cascade arc after current interruption /Das Abklingen des elektrischen Leitwertes in der Saeule eines N sub 2 - Kaskadenbogens nach Unterbrechung des Stromes/. 19 p3282 A67-35157
- HERTZBERG, R. W.**
Application of electron fractography and fracture mechanics to fatigue crack propagation. 16 p2771 A67-31296
The application of electron fractography to fatigue studies. [ASTM PAPER 42] 18 p3068 A67-34580
Fatigue fracture surface appearance. 24 p4170 A67-41946
- HERTZLER, R. G.**
Martian sand and dust storm experimentation. 07 p1248 A67-19386
A gimbal system for solar simulation testing. 24 p4153 A67-42044
- HERVOUET, C.**
Magnetic field dependence of current oscillations in piezoelectric semiconductors. 16 p2725 A67-30804
- HERWIG, L. O.**
Nuclear characteristics of large reflector-moderated gaseous-fueled cavity reactors containing hot hydrogen. 12 p1965 A67-25908
- HERZBERG, G.**
The forbidden I super 1 sigma super minus -X super 1 sigma super plus absorption bands of carbon monoxide. 05 p0848 A67-16847
- HERZBERG, L.**
A new determination of the C super 12/C super 13 isotopic abundance ratio in the solar photosphere. [AFRL-67-0480] 09 p1566 A67-22231
Proton flare of July 7, 1966 - Ionospheric conditions as deduced from topside soundings. 19 p3312 A67-35176
- HERZENBERG, A.**
Electron resonances of the H sub 2 super minus ion. 01 p0117 A67-10781
Vibrational excitation and dissociative attachment in the scattering of electrons by hydrogen molecules. 01 p0117 A67-10782
- HERZIGER, G.**
Theoretical and experimental investigation of regenerative laser amplifiers and their applications. 05 p0820 A67-16663
Investigation of the difference frequencies between two lasers /Untersuchung der Differenzfrequenzen zwischen zwei Lasern/. 09 p1509 A67-21558
Direct observation of combination tones due to third order polarization of an active laser medium. 09 p1511 A67-21747
Calculation and experimental comparison of the amplification factors for a 6328 angstrom units Laser Transition in a He-Ne discharge /Berechnung und experimenteller Vergleich des Verstaerkungsfaktors fuer den Laseruebergang 6328 angstrom units in einer He-Ne-Gasentladung/. 10 p1663 A67-22893
Measurements of changes in length down to 10 super 11 cm by a tandem-laser device. 16 p2871 A67-30823
High power ion lasers with wall-stabilized arc discharge. 16 p2885 A67-30825
Measurements of changes in length of 10 super -11 cm by optical heterodyning. 23 p4014 A67-41031
Reaction of an optical resonator on a laser /Rueckwirkung eines optischen Resonators auf einen Laser/. 24 p4168 A67-42574
- HERZL, G. G.**
Instrument suspensions. 06 p1007 A67-18061
- HERZOG, A.**
Metal matrix composite materials, their reinforcing components and their problems /Metallische Verbundwerkstoffe, ihre Verstaerkungskomponenten und ihre Probleme/. 21 p3643 A67-37954
- HERZOG, B.**
Surfaces for computer-aided aircraft design. [AIAA PAPER 67-895] 24 p4126 A67-43004
- HERZOG, G. B.**
System utilization of large scale integration. 08 p1298 A67-20636
- HERZOG, J. A.**
A review of the methods of measuring the strength of whiskers and their role in reinforcing ductile metal matrices. 01 p0163 A67-11152
Metal matrix composite materials. 06 p1019 A67-18657
- HESS, D. T.**
Frequency locked loop FM demodulator. 20 p3385 A67-37352
- HESS, E.-M.**
Reliability in engine construction - From the start of assembly up to completion and delivery /Zuverlässigkeit im Triebwerksbau - Vom Beginn des Zusammenbaus bis zur Auslieferung/. 22 p3867 A67-39285
- HESS, J. L.**
Calculation of potential flow about arbitrary bodies. 10 p1589 A67-22871
Static-pressure probes derived from supersonic slender-body theory. 21 p3584 A67-38535
- HESS, K.**
Flame separation /Das Abheben von Flammen/. 06 p1425 A67-20306
- HESS, L. D.**
Nonlinear absorption of light - Optical saturation of electronic transitions in organic molecules with high intensity laser radiation. 22 p3817 A67-40487
- HESS, R.**
Ultrastructural changes in rat kidney under 100 percent oxygen - Effects of vitamin E depletion. 23 p3958 A67-41654
- HESS, R. V.**
Measurement of velocities and acceleration mechanism for coaxial Hall accelerators. [AIAA PAPER 66-196] 08 p1375 A67-20575
Diagnostics and interpretation of acceleration mechanisms in an MPD arc. [AIAA PAPER 67-676] 21 p3871 A67-38709
The effect of various propellants and propellant mixtures on an MPD arc jet. [AIAA PAPER 67-684] 21 p3688 A67-38715
- HESS, W. N.**
Low-energy charged particle environment of the earth. 03 p0506 A67-13050
The neutron flux in space after the November 15, 1960, polar cap neutron event. 20 p3519 A67-37406
The OSO-1 solar neutron experiment. 23 p4061 A67-41236
- HESE, P. W.**
Some cosmic-ray sources between 0 deg and plus 60 deg. 14 p2381 A67-28846
- HESE, W. J.**
Operating characteristics of a commercial V/STOL in the northeast Corridor. [AIAA PAPER 67-769] 24 p4095 A67-42937
- HESEL, A.**
Resonant-cavity technique for the measurement of leaky-wave complex propagation coefficients. 07 p1153 A67-19612
Ray optics for radiation problems in anisotropic regions with boundaries. II. 20 p3388 A67-37703
- HESSER, J. E.**
Radiative lifetimes of ultraviolet molecular transitions. 06 p1035 A67-17828
Ion temperature in a plasma produced by contact ionization. 16 p2720 A67-31243
- HESSLER, V. P.**
Hydromagnetic emissions at the geomagnetic poles. 01 p0080 A67-10892
Polarization characteristics of Pc 1 micropulsations at College. 22 p3793 A67-40078
- HESTENES, M. R.**
Elements of calculus of variations and optimum control theory. 06 p0973 A67-17770
Calculus of Variations and Optimal Control Theory. 21 p3653 A67-38799
- HESTERMAN, V. W.**
Differential cross section for excitation of the 2 super 3 S and higher states of He by 600-ev He super plus ions. 01 p0116 A67-10337

- HETT, J. H.**
Solar temperatures at 7.2 cm observed at eclipse of 20 July 1963 with horn antenna. 11 p1867 A67-24779
- HETTEL, H. J.**
Transient spectral study of discharges in coaxial plasma guns. 24 p4198 A67-42730
- HETTERSCHIED, W. TH. H.**
Designing transistor I.F. amplifiers. 05 p0769 A67-16071
- HETZHEIM, H.**
Quantum plasma theory, obtained by using the method of collective variables. /Theorie des Quantenplasmas unter Benutzung der Methode der kollektiven Variablen/. 18 p3085 A67-33670
Contribution of the second virial coefficient to the free energy of a high-temperature plasma. /Der Beitrag des zweiten Virialkoeffizienten zur freien Energie eines Hochtemperaturplasmas/. 22 p3851 A67-39785
- HEURING, F. T.**
Transverse magnetic disturbances at 1100 kilometers in the auroral region. 03 p0409 A67-12944
Dayside magnetic disturbances at 1100 kilometers in the auroral oval. 08 p1329 A67-21487
- HEURING, H.**
IBM mobile room lends flexibility to Apollo Saturn unit fabrication. 11 p1773 A67-24938
- HEURTELEY, J. C.**
Maximum power transfer between finite antennas. 11 p1762 A67-24291
- HEUSELER, H.**
Effect on temperature of the annular solar eclipse of May 20, 1966. /Zur Temperaturbeeinflussung durch die ringförmige Sonnenfinsternis am 20. Mai 1966/. 06 p1028 A67-19049
- HEUSTON, M. C.**
Accuracy of launch vehicle cost analysis. 15 p2568 A67-29847
- HEVENOR, C.**
Compound-compressible nozzle flow. 23 p3927 A67-40603
- HEVESH, A.**
Maintainability of phased array radar systems. 18 p3005 A67-34693
- HEVESH, A. H.**
Maintainability of phased array radar systems. 16 p2634 A67-30446
Mission reliability for planetary surveys. 19 p3332 A67-35323
- HEWES, D. E.**
Interim report on flight evaluations of lunar landing vehicle attitude control systems. [AIAA PAPER 67-239] 07 p1129 A67-20045
- HEWETT, L. L.**
Time domain reflectometry in reliability testing. 01 p0084 A67-11361
- HEWISH, A.**
Interplanetary scintillation and its relation to the angular structure of radio sources. 05 p0903 A67-17291
The solar wind outside the plane of the ecliptic. 07 p1249 A67-19660
Measurements of the solar wind and the small-scale structure of the interplanetary medium. 13 p2190 A67-26318
Interplanetary observations using radio techniques. 14 p2386 A67-28445
- HEWIT, J.**
Computer program for obtaining regions of practical stability for second-order autonomous systems. 21 p3604 A67-39076
- HEWIT, J. R.**
Computer application of the tracking-function approach to practical stability. 03 p0376 A67-13987
- HEWITT, G. F.**
Further developments in the photography of two-phase gas-liquid flow. 16 p2671 A67-30840
Critical flow in an annular venturi. 24 p4143 A67-42280
- HEWITT, H. J.**
Voice communication factors resulting from interference. 20 p3387 A67-37637
- HEWITT, J.**
The 24 in. Schmidt satellite cameras, and their use in geodetic and geophysical investigations. 18 p3048 A67-34237
- HEWITT, S. J.**
Phase-locking of Gunn-effect oscillators. 11 p1759 A67-24128
Transferred-electron oscillators as signal sources. 15 p2445 A67-29583
- HEWKO, L. O.**
Roller traction drive unit for extremely quiet power transmission. [AIAA PAPER 67-429] 18 p3053 A67-33913
- HEY, M. H.**
The Khor Temiki meteorite. 24 p4234 A67-42629
- HEYES, C. T.**
A method of weight prediction of satellite launching vehicles. 16 p2762 A67-31490
- HEYING, T. L.**
Boron based high temperature resins and elastomers - Their preparation and performance. 22 p3825 A67-39852
- HEYMAN, P. M.**
A ferroelectric field effect device. 01 p0036 A67-10463
- HEYMANN, D.**
On the origin of hypersthene chondrites - Ages and shock effects of black chondrites. 11 p1865 A67-24602
Light-dark structure and rare gas content of the carbonaceous chondrite Nogoya. 14 p2390 A67-28890
Primordial rare gases in unequilibrated ordinary chondrites. 19 p3317 A67-34912
Uranium content of chondrites by thermal neutron activation and delayed neutron counting. 21 p3704 A67-38505
Meteorites with short cosmic-ray exposure ages, as determined from their Al super 26 content. 24 p4234 A67-42630
- HEYMANS, R. J.**
Design of storable propellant pressure vessels. [SAE PAPER 660677] 01 p0160 A67-10582
- HEYNATZ, J. T.**
Nonlinear wave propagation in a plane flow. /Nichtlineare Wellenausbreitung in einer Grundstromung/. 07 p1169 A67-19731
The d'Alembert initial-value problem for cylindrical waves. /Das d'Alembertsche Anfangswertproblem fuer Zylinderwellen/. 09 p1488 A67-21932
The sail at small angles of incidence in supersonic, hypersonic, and sonic velocity. /Das schwach angestellte Segel bei Ueberschall-, bei Hyperschall und bei Schallgeschwindigkeit/. 21 p3563 A67-37889
Investigation of anisotropic wave propagation phenomena by means of the stream function. /Die Berechnung anisotroper Wellenausbreitungsvorgaenge mit Hilfe der Stromfunktion/. 21 p3611 A67-37891
- HEYNAU, H. A.**
PTM single-pulse selection from a mode-locked Nd super 3 super plus-glass laser using a bleachable dye. 01 p0091 A67-10875
Generation and amplification of a subnanosecond laser pulse. 17 p2869 A67-33063
- HEYNISCH, B.**
HF telemetering and command transmission in Project 621 - High-altitude research rocket. /HF-Telemetrie- und Kommandoübertragung beim Projekt 621 - Höhenforschungsrakete/. 19 p3193 A67-35061
- HEYSER, A.**
Force measurements at blunt bodies in the DVL free-piston shock tunnel. /M equals 8 to 16/. /Kraftmessungen an stumpfen Körpern im DVL-Stoßwellenwindkanal mit freifliegendem Kolben. /M equals 8 - 16/. 04 p0546 A67-14575
German research in the area of hypersonic aerodynamics. /Deutsche Forschungsarbeiten auf dem Gebiet der Hyperschallaerodynamik/. 23 p3930 A67-41307
- HEYWOOD, D.**
The freeze-coating of filaments. 12 p1954 A67-25292
- HEYWOOD, J. B.**
Wave growth in M.H.D. generators. 18 p2987 A67-33705
- HIATT, J.**
Absolute radiometer for the flow field of a hypervelocity projectile. 11 p1790 A67-24447
- HIATT, M. A.**
Quick-change /QC/ airplane system - A prospective. 06 p0946 A67-18005
- HIBBERD, F. H.**
S sub q current effects on the seasonal variations in the E-region of the ionosphere. 14 p2312 A67-28569
Auto-correlation of the fading of multiple echoes from the ionosphere. 20 p3379 A67-36293
- HIBBS, A. R.**
The surface of the moon. 08 p1401 A67-21428
- Space technology and design of earthquake-resistant structures. 13 p2120 A67-27217
- HIBNER, J.**
Direct method of showing the existence of extensive air showers due to primary photons. /Sur une methode directe demontrant l'existence des grandes gerbes de l'air dues a des photons primaires/. 19 p3316 A67-35796
- HICINBOTHEM, W. A., JR.**
A laminar slow-wave coupler and its application to indium antimonide. 17 p2922 A67-33087
Resonance behavior of the dielectric constant of GaAs at microwave frequencies. 18 p3101 A67-34010
- HICKEY, D. H.**
Summary and analysis of related feasibility-study designs of V/STOL transport aircraft. [AIAA PAPER 67-938] 24 p4096 A67-43028
- HICKEY, D. P.**
Cratering produced by high-velocity impact of a threaded rod. 23 p4080 A67-41487
- HICKEY, J. R.**
The Eppley-JPL solar constant measurement experiment. 02 p0328 A67-12396
Calibration of the earth albedo experimental package of the OSO satellite series. 02 p0246 A67-12401
Multichannel radiometer measurement of solar irradiance. [AIAA PAPER 67-147] 06 p1003 A67-18318
Measurement of the total flux and its spectral components in solar simulation systems with special reference to the extraterrestrial radiation. 11 p1772 A67-24053
An absolute calibration source for laboratory and satellite infrared spectrometers. 17 p2862 A67-33288
Multichannel radiometer measurement of solar irradiance. 21 p3624 A67-37794
- HICKMAN, P. L. V.**
Analysis and interpretation of telemetered results of blue streak flight trials. 04 p0568 A67-14438
- HICKMAN, R. S.**
An experimental study of hypersonic rarefied flow over a 10 deg cone. 14 p2241 A67-28169
- HICKMAN, T. G.**
Pyroelectric hot spots. 02 p0299 A67-11893
- HICKMOTT, T. W.**
Electroluminescence and conduction in Nb-Nb sub 2 O sub 5 -Au diodes. 04 p0582 A67-15104
Photoresponse and interference in Nb sub 2 O sub 5 diodes. 04 p0582 A67-15125
- HICKOK, R. L.**
Plasma density contour measurements using molecular ion beam breakup. 17 p2910 A67-33356
- HICKS, B. L.**
A simple theory of shock structure. 11 p1775 A67-23879
Monte Carlo evaluation of the Boltzmann collision integral. 13 p2103 A67-26974
On the accuracy of approximate solutions of the Boltzmann equation. 13 p2104 A67-26979
- HICKS, C. R.**
Mission design for flight safety. [AIAA PAPER 67-822] 24 p4243 A67-42970
- HICKS, J. J.**
Tracking of known bird species by radar. 04 p0569 A67-14679
Clear-air turbulence - Simultaneous observations by radar and aircraft. 20 p3481 A67-36996
- HICKS, J. M.**
An attempt to measure the temperature of a laser-produced plasma using neutron-detection technique. 23 p4031 A67-40892
- HICKS, J. R.**
Improving visibility near airports during periods of fog. 10 p1676 A67-22814
- HICKS, J. S.**
Numerical solution of parabolic partial differential equations with two-point boundary conditions by use of the method of lines. 20 p3391 A67-36820
- HICKS, R.**
Packaging an integrated circuit/core memory for space use. 21 p3595 A67-38338
- HICKS, R. E.**
Chemical milling of space flight hardware. 16 p2683 A67-31739
- HICTER, P.**
A model for the analysis of enthalpies and entropies of liquid binary

- alloys. 21 p3733 A67-39105
- HIDDE, R. Mechanical properties of imidite adhesives. 09 p1523 A67-22518
- HIDE, R. On the dynamics of rotating fluids and related topics in geophysical fluid dynamics. 04 p0613 A67-14802
- Theory of axisymmetric thermal convection in a rotating fluid annulus. 08 p1323 A67-21387
- Motions of the earth's core and mantle, and variations of the main geomagnetic field. 17 p2845 A67-32773
- On the theory of the geomagnetic secular variation. 21 p3621 A67-38983
- Taylor columns. 21 p3614 A67-38999
- On the dynamics of Jupiter's interior and the origin of his magnetic field. 21 p3710 A67-39003
- HIDESHIMA, S. The method of implementing training problems for site simulator. 13 p2090 A67-27233
- HIEBLINGER, L. Photomasks. 19 p3236 A67-35021
- HIELSCHER, F. H. Evidence of the surface origin of the 1/f noise. 02 p0296 A67-11820
- HIERHOLZER, F. J., JR. Final sealing and encapsulation. 19 p3236 A67-35024
- HIETANEN, J. R. The status of the Clevite CdS thin film solar cell. 23 p3937 A67-41494
- HIETT, G. F. Temperature measurements in a high-speed radial turbine rotor. 12 p1988 A67-25354
- HIGA, W. H. Low-level microwave mixing in ruby. 01 p0086 A67-10003
- An operational 4.2 deg K maser system. 14 p2329 A67-27779
- HIGASHI, K. Foreshortening effect on the apparent area of solar flare. 20 p3518 A67-36841
- HIGASHIMURA, M. Theory of a waveguide mounted tunnel diode oscillator. 17 p2822 A67-32037
- HIGASHINO, I. Observation of solar VUV radiation with rocket-borne ion-chamber. 05 p0799 A67-16874
- HIGGINBOTHAM, C. W. Band structure of GaAs, GaP, InP and AlSb - The k.p method. 06 p1058 A67-18904
- HIGGINS, A. Exposure of men to intermittent photic stimulation under simulated IFR conditions. 17 p2807 A67-31966
- HIGGINS, E. A. Physiological responses to cold in men during an extended period of sleep loss. 23 p3955 A67-41615
- HIGGINS, E. L. Microwave pulse compression using magnetostatic spin waves in YIG rods. 22 p3773 A67-39908
- HIGGINS, G. T. Cliftonite in meteorites - A proposed origin. 14 p2384 A67-28144
- HIGGINS, S. Impact deformation of vertebrae. 23 p3954 A67-41592
- HIGGINS, T. J. An inclusive classified bibliography pertaining to modeling the human operator as an element in an automatic control system. 07 p1137 A67-20173
- Time-domain analysis of a class of discrete nonlinear time-varying systems. 16 p2650 A67-31675
- HIGGINS, W. F. Central data system design for scientific solar probes. 20 p3391 A67-36597
- HIGGS, L. A. The antenna characteristics at 820 MHz of the Dwingeloo radio telescope. 18 p3008 A67-33433
- HIGHCOCK, J. Sideways looking airborne radar. 04 p0573 A67-15039
- HIGHLEY, F. M., JR. Recovery - Sea and air. 08 p1409 A67-20546
- HIGHLEY, J. N. Application of aerodynamic deceleration systems to target drones. 17 p2797 A67-32573
- HIGHTOWER, J. D. On the surface temperature of deflagrating ammonium perchlorate crystals. [AIAA PAPER 67-68] 06 p1073 A67-18469
- Combustion of ammonium perchlorate. 18 p3108 A67-33814
- Surface temperature of deflagrating ammonium perchlorate crystals. [AIAA PAPER 67-68] 21 p3688 A67-38859
- HIKATA, A. Amplitude-dependent ultrasonic attenuation in normal and superconducting lead. 01 p0135 A67-10916
- HILBERG, R. P. A TVR laser oscillator using a single pockels cell for Q-switching and synchronized cavity dumping. 05 p0826 A67-17525
- HILBERMAN, D. Immittance matrix synthesis with active networks. 03 p0393 A67-13979
- HILBIBER, D. F. A high-performance lateral geometry transistor for complementary integrated circuits. 21 p3598 A67-38570
- Nondestructive determination of MOSFET gate breakdown voltage. 21 p3598 A67-38574
- HILBORN, E. Application of thermochromic materials in display devices. 05 p0860 A67-16307
- HILBORN, E. H. Means for improving apparent television resolution. 23 p3975 A67-41282
- HILDEBRAND, B. P. Interferometric measurements on diffuse surfaces by holographic techniques. 09 p1494 A67-21614
- Multiple-wavelength and multiple-source holography applied to contour generation. 10 p1652 A67-22710
- Holography as a tool in the testing of large aperture optics. 17 p2863 A67-33301
- HILDEBRANDT, A. F. The attainment of zero magnetic field in a superconducting lead shell. 22 p3865 A67-40438
- HILDEBRANDT, P. W. Comparison of an electrochemical and a colorimetric determination of ozone. 03 p0413 A67-13931
- HILDEBRANDT, W. The air traffic control simulator for Eurocontrol. 15 p2441 A67-30164
- HILDING, W. E. Differential equations for the local interfacial and wall shear stresses for one-dimensional annular two-phase flow. 04 p0735 A67-15857
- HILDRETH, W. W. Clear air turbulence. 03 p0463 A67-13922
- HILGERTNER, L. Laser neodymium glass /Laserowe szklo neodymowe/. 05 p0824 A67-16855
- HILL, A. N. Calibration of solar radiation equipment at the U.S. Weather Bureau. 03 p0419 A67-13076
- HILL, A. S. Preliminary spacecraft concept for an operational space environment monitoring system. 22 p3901 A67-39928
- Application of the Saturn V launch vehicle to unmanned scientific exploration of the planet Jupiter. 22 p3887 A67-40138
- HILL, B. Determination of symmetrical gain curves in multifrequency optical oscillators. 09 p1514 A67-22271
- HILL, D. E. A thermodynamic system for zero-g venting, storage, and transfer of cryogenic propellants. 17 p2954 A67-32074
- HILL, E. R. A model for the CdS solar cell. 08 p1285 A67-20729
- A model for the CdS solar cell. 10 p1598 A67-23164
- Further considerations on the model for the CdS solar cell. 23 p4046 A67-41486
- Some observations of shell-type galactic radio sources. 24 p4230 A67-42332
- HILL, F. K. Spectroscopic measurements of combustion gas composition in supersonic flow. [AIAA PAPER 65-580] 12 p1990 A67-25899
- HILL, G. F. Annealing of high energy proton damage in silicon. 23 p4047 A67-41519
- HILL, H. Observations of a solar flare on 1966 August 28. 05 p0882 A67-16577
- Profiles of high conductivity shallow layers in silicon produced by boron ion implantation. 19 p3307 A67-35812
- HILL, H. A. Compensation for the lateral color aberration produced by the atmosphere. 06 p1033 A67-18535
- HILL, H. H. On the superconductivity in beta-beryllium and related phases. 10 p1688 A67-22890
- Positive isotope effect on the superconducting transition temperature of alpha-uranium. 23 p4044 A67-41439
- HILL, J. A. F. The chemiluminescent reaction of NO with O in a supersonic low density wind tunnel. 14 p2293 A67-28199
- HILL, J. C. Far-infrared spectra of erbium, dysprosium, and samarium ethyl sulphate. 04 p0686 A67-15778
- HILL, J. H. Flashblindness - The effects of preflash adaption and pupil size. 13 p2060 A67-26925
- HILL, J. W. Integrated data processing for a high altitude simulation system. 20 p3413 A67-36464
- HILL, M. L. Materials for small radius leading edges for hypersonic vehicles. 10 p1670 A67-23723
- HILL, P. G. Incompressible jet mixing in converging-diverging axisymmetric ducts. 11 p1742 A67-24272
- HILL, P. W. Inelastic buckling of rib-cored sandwich cylinders under external hydrostatic pressure. 04 p0719 A67-15936
- HILL, R. The extremal stress-field concept. 02 p0336 A67-11791
- HILL, R. A. Stark broadening of H sub beta, H sub gamma, and H sub delta - An experimental study. 23 p4032 A67-40957
- HILL, R. G. Evaluation of the elastic moduli of a bilaminate filament-wound composite by dynamic and static test means. [SESA PAPER 1219] 18 p3141 A67-33889
- HILL, R. J. Oxidation resistant, high temperature ceramic-to-metal seal compatible with cesium. 20 p3454 A67-36518
- HILL, R. M. Emission microwave spectroscopy - OCS. 06 p1032 A67-18208
- Cyclotron echoes in plasmas. 14 p2356 A67-28150
- Stimulated emission from the upper-hybrid resonance in a magnetoplasma. 18 p3090 A67-34466
- HILL, W. G., JR. Reattachment of two-dimensional supersonic turbulent flows. [ASME PAPER 67-FE-20] 14 p2305 A67-28367
- HILLAS, A. M. The energy spectrum of cosmic rays in an evolving universe. 16 p2738 A67-30822
- HILLBERG, L. H. Influence of material properties on re-entry vehicle heat shield design. 10 p1734 A67-23726
- HILLEARY, D. T. Indirect measurements of atmospheric and surface temperatures. 01 p0061 A67-11391
- Remote sensing of surface and cloud temperatures using the 899-cm interval. 13 p2152 A67-27355
- Cloud-top and surface temperatures and temperature soundings from satellites. 22 p3829 A67-40370
- HILLENKAMP, F. Double refraction in ruby laser crystals with polished 90 deg prisms /Doppelbrechung in Rubin-Laserkristallen mit angeschliffenen 90 deg -Prismen/. 20 p3507 A67-36330
- HILLIER, R. R. Inverse Compton effect in quasi-stellar sources. 05 p0898 A67-16924
- HILLMAN, B. Human factors in airborne television displays. 05 p0757 A67-16309
- HILLMANN, B. M. Resolution, contrast, and time factors in visual search. 22 p3755 A67-40410
- HILLMANN, H. Nature, size, and distribution of lattice defects and their effect on the high-field properties of the type III superconductor Nb-Zr25 /Natur, Groesse und Verteilung von Gitterstörungen und ihr Einfluss auf Hochfeldeigenschaften des Typ-III-Supraleiters Nb-Zr25/. 09 p1557 A67-22437

- HILLS, B. A.**
Decompression sickness - A study of cavitation at the liquid-liquid interface. 21 p3573 A67-38076
- HILLS, J. F.**
Materials in airlift technology. 20 p3471 A67-37533
- HILLSLEY, R. H.**
Abort requirements for lunar polar orbit. [AAS PAPER 66-133] 07 p1255 A67-19992
- HILSCH, P.**
The influence of dielectric films on the superconductivity of thin Sn and Tl films. 13 p2182 A67-27360
- HILSCH, R.**
Contact effects in superconductivity. 02 p0291 A67-11740
- HILSENROD, A.**
Hazardous weather information for air traffic control. 04 p0650 A67-14688
- HILSUM, C.**
Construction and performance of epitaxial transferred electron oscillators. 06 p0971 A67-18225
Mixed scattering in III-V compounds. 06 p1067 A67-18964
The design and performance of transferred electron oscillators - Gunn diodes. 10 p1616 A67-23532
Transferred electron oscillators. 14 p2366 A67-28474
- HILTNER, W. A.**
Observations of quasi-stellar and Haro-Luyten blue objects. 03 p0511 A67-13652
Polarization of HD 71866. 04 p0697 A67-14759
Polarimetric observations of 14 quasi-stellar objects. 19 p3331 A67-36083
True polarization curves for Beta Lyrae. 20 p3528 A67-37471
Spectral and location measurements of several cosmic X-ray sources including a variable source in Centaurus. 21 p3698 A67-38564
- HILTON, A. R.**
Nonoxide chalcogenide glasses as infrared optical materials. 03 p0456 A67-14390
- HILTON, R. J.**
Use of room temperature-curing adhesive film on the 727 airplane. 09 p1577 A67-22510
- HILTON, W. B.**
Monte Carlo evaluation of methods for pulse transfer function estimation. 16 p2653 A67-31695
- HILTON, W. F.**
Orientation of a satellite in an elliptical orbit. 12 p2000 A67-25124
The use of the 12 hour inclined as a COMSAT orbit. 16 p2742 A67-30698
A better COMSAT system at half the cost of synchronous satellites. 16 p2760 A67-30700
- HILVET, N.**
Mass transport and heat transfer in fuel cell systems. 20 p3363 A67-37014
- HIMMELSTEIN, S.**
Analysis and detection of non-recurring phenomena. 19 p3230 A67-35329
- HINCHEN, J. J.**
Molecular beam scattering from surfaces of various metals. 13 p2099 A67-26949
- HINCHLIFFE, J. D. S.**
Cables for aircraft - Design and development. 21 p3572 A67-39073
- HINCK, E.**
Elementary processes in low-pressure flames and their relation to rocket-exhaust radiation. 18 p3152 A67-33819
- HINCKLEY, R. B.**
Thermal performance of tank applied multilayer insulations. 13 p2228 A67-27653
The surface emittance of vacuum-metallized polyester film. 13 p2228 A67-27660
- HINDIN, H. J.**
Transient response of equal-element band-stop filters. 02 p0220 A67-12177
Design of TEM equal stub admittance filters. 22 p3773 A67-40061
- HINDLE, P. H.**
A control system for a fully automatic pressure scanned Fabry-Perot interferometer. 14 p2315 A67-28158
The use of a pressure-scanned Fabry-Perot interferometer for twilight sky and zodiacal light observations. 20 p3440 A67-36361
- HINDS, C. M.**
Thrust reversers for business jet aircraft. [SAE PAPER 670235] 12 p1989 A67-25493
- HINDSON, W. D.**
The CHEC system - Towards automatic selection of optimum communications channels. 22 p3760 A67-39664
- HINELY, J. T., JR.**
Reliability optimization in the conceptual phase. 09 p1582 A67-22293
- HINES, C. O.**
On the propagation of atmospheric gravity waves through regions of wind shear. 08 p1328 A67-21477
Tidal oscillations, shorter-period gravity waves, and shear waves. 10 p1643 A67-23249
On the nature of traveling ionospheric disturbances launched by low-altitude nuclear explosions. 13 p2107 A67-26309
Ionospheric dynamics with emphasis on the E-region. 14 p2311 A67-28408
Studies in upper atmospheric dynamics. 20 p3429 A67-36896
- HINES, M. E.**
Phase shifter in C-, X-, and Ku-bands using segregated-mode resonance in single crystal YIG. 13 p2076 A67-26479
- HINES, W. C.**
Total asymptotic stability by nonlinear compensation. 13 p2086 A67-26415
Optimum sensitivities obtained without using finite differences. 22 p3833 A67-40159
- HINES, W. S.**
Development of ranges. 05 p0787 A67-18609
- HINES, W. W.**
Allocation of system reliability by dynamic programming. 15 p2512 A67-30409
- HINGORANI, G.**
Error rates for a class of binary receivers. 02 p0203 A67-12166
- HINGORANI, G. D.**
Error rates for a class of binary receivers. 14 p2272 A67-28706
- HINGSAMMER, J.**
Temporary bleaching of doped alkali-halogen-crystals with a ruby laser /Temporaeres Bleichen in dotierten Alkalihalogenidkristallen mit einem Rubinlaser/. 12 p1951 A67-25200
- HINGSTON, J.**
Variations in air density at heights near 150 km, from orbit of the satellite 1966-101G. 19 p3215 A67-35181
- HINKELMANN, K.**
Filtering problem in numerical weather forecasting /Das Filterproblem in der numerischen Wettervorhersage/. 06 p1027 A67-18601
- HINKLE, D. K.**
Skin response of the rat to 13 Mev proton irradiation. I. 23 p3957 A67-41644
Skin response of the rat to 13 Mev proton irradiation. II. 23 p3958 A67-41645
- HINKLE, M. L.**
Inventory control models for logistics planning and operational readiness with cost constraints. 18 p3162 A67-34680
- HINKLEY, E. D.**
GaAs-InSb graded-gap heterojunction. 17 p2911 A67-32196
- HINNOV, E.**
Ion temperature in a plasma produced by contact ionization. 16 p2720 A67-31243
Fully-ionized barium plasma source. 23 p4033 A67-41215
- HINO, M.**
On the gust factor - Relationship between the instantaneous maxima and averaging and sampling times. 05 p0837 A67-16426
- HINOTANI, K.**
Studies of cosmic ray neutrino interactions in the Kolar gold field experiment. 24 p4210 A67-42582
- HINSHAW, E. T., JR.**
Financing air transportation - The role of capital and profits in the next decade. 19 p3348 A67-34978
- HINTENBERGER, H.**
Noble-gas measurements of iron meteorites /Edelgasmessungen an Eisenmeteoriten/. 17 p2942 A67-32358
Helium and neon isotopes in iron meteorites and the tritium loss in hexahedrites /Helium-und Neonisotope in Eisenmeteoriten und der Tritiumverlust in Hexaedriten/. 17 p2942 A67-32359
- HINTEREGGER, H. E.**
Daytime variations in the composition of the upper atmosphere. 17 p2843 A67-32535
- HINTON, W. W., JR.**
Planning a first orbit rendezvous mission. 02 p0333 A67-12343
- HINZE, W. J.**
Use of an earth analog in lunar mission planning. 16 p2747 A67-30991
Use of an earth-analog in lunar mission planning. 22 p3887 A67-40142
- HIOKI, R.**
Coherence of light from random medium. 01 p0115 A67-11062
Speckled diffraction pattern and source effect on resolution limit in holography. 01 p0070 A67-11063
Frequency response of photographic emulsion in holography. 07 p1186 A67-18493
- HIRAI, M.**
Diversity distances and loss in path antenna gain in tropospheric beyond-the-horizon propagation. 14 p2264 A67-28399
- HIRAI, T.**
Derivation of new semiconducting compounds by cross substitution for group IV semiconductors, and their semiconducting and thermal properties. 23 p4036 A67-40720
- HIRAKI, I.**
Preliminary experiments on pebble-bed heater for hypersonic wind tunnel. 05 p0926 A67-16429
- HIRAMATSU, M.**
Observations of space-charge-limited currents in p-type silicon. 11 p1845 A67-24135
- HIRAMOTO, T.**
Measurements of flow velocities in an MHD channel. 05 p0854 A67-16983
Direct measurements of flow velocities, seeding ratios and electrical conductivities in seeded argon plasmas. 09 p1539 A67-21780
MHD power generation experiments with potassium-seeded argon plasmas. 16 p2601 A67-30554
- HIRANO, K.**
Study of a conical electrode plasma gun. 03 p0476 A67-13353
- HIRANO, Y.**
Effective width of curved plates. I. 23 p4080 A67-41475
Effective width of curved plates. II. 23 p4080 A67-41476
- HIRAO, K.**
Direct observations of the ionosphere by sounding rockets during the IQSY. 01 p0080 A67-10335
Direct observations of the ionosphere by sounding rockets - Results of charged particle density measurements during IOSY. 05 p0798 A67-16860
Direct observation of the ionosphere by sounding rockets during IQSY. 07 p1186 A67-19677
Direct observations of the ionosphere with sounding rockets, K-9M-15, L-3H-1 and L-3H-2. 10 p1633 A67-22948
Direct observations of the ionosphere by sounding rockets K-9M-15, L-3H-1 and L-3H-2. 11 p1787 A67-24643
Design of ionospheric rocket experiments. 12 p1937 A67-25838
Relation between the sunspot number and the charged particle density in the upper ionosphere. 19 p3218 A67-35222
Direct observation of the ionosphere with sounding rocket K-9M-20. 23 p3997 A67-41478
Direct observation of the ionosphere with sounding rocket K-9M-20. 24 p4150 A67-42151
- HIRAO, T.**
On the electromotive force and the electric conductivity accompanied with the detonation of explosives. 02 p0268 A67-12500
- HIRASAWA, T.**
Spectral analysis of geomagnetic pulsations from 0.5 to 100 sec in period for the quiet sun condition. 12 p1932 A67-25189
- HIRATA, M.**
Heat transfer and skin friction in turbulent boundary layer with mass injection. 04 p0733 A67-15842
Effect of impurities on the annealing behavior of irradiated silicon. 17 p2921 A67-33051
Evaluation of band emissivities of carbon dioxide and water vapour. 22 p3918 A67-40042
- HIRAYAMA, H.**
Analysis of Esaki diode pair bistable circuit. 21 p3604 A67-38603
- HIROKI, T.**
Gas evolution from solid propellants during pressure decays. 04 p0687 A67-14835
- HIRONO, M.**
Density and temperature of laser-produced plasma in a space chamber. 21 p3666 A67-38259
- HIROSE, H.**
Ion-wave instabilities in mercury-vapor plasma. 22 p3842 A67-39207
- HIROYASU, H.**
Fluorescent photography of droplets in a spray using a Q-switched laser as a light source. 22 p3797 A67-39492

- HIRSCH, D. L.**
Experimental investigation of pilot dynamics in a pilot-induced oscillation situation. [AIAA PAPER 65-793] 03 p0365 A67-12913
- HIRSCH, E. H.**
Modification of magnetron cut-off characteristics by the introduction of positive ions. 20 p3489 A67-37105
- HIRSCH, P.**
Transient E-mode propagation in a plane-stratified plasma. 12 p1976 A67-25944
- HIRSCH, P. B.**
The plasticity of pure niobium single crystals. 07 p1211 A67-20164
- HIRSCH, R.**
Gust absorption on aircraft and results of flight tests of an experimental device. I /L'absorption des rafales sur avions et résultats des essais en vol d'un appareil expérimental. I/. 21 p3568 A67-38378
- HIRSCHBERG, J. G.**
Ion temperature in a plasma produced by contact ionization. 16 p2720 A67-31243
Recent developments in the application of the multichannel Fabry-Perot to plasma spectroscopy. 20 p3439 A67-36352
- HIRSCHBERG, M. H.**
Crack initiation and propagation in notched fatigue specimens. 16 p2771 A67-31297
- HIRSCHFELDER, J. O.**
Applicability of perturbation theory to molecular problems. 02 p0270 A67-12722
Approximate perturbation treatment of H sub 2 super plus. 03 p0474 A67-14333
New type of molecular perturbation treatment. 06 p1034 A67-17826
Slater screening constants in atomic and molecular orbitals. 10 p1682 A67-23378
Spatial correlation and molecular properties in extended Hartree-Fock calculations. 11 p1824 A67-24993
Long-range first-order interaction energy between two excited hydrogen atoms in either 2s or 2p states. 18 p3083 A67-34517
The hyperfine splitting of the interaction energy of two hydrogen atoms. 21 p3658 A67-37814
Energy of interaction between two hydrogen atoms by the Gaussian-type functions. 22 p3756 A67-39385
Electrostatic Hellmann-Feynman theorem applied to the long-range interaction of two hydrogen atoms. 22 p3840 A67-39387
Intermediate-range intermolecular forces in H sub 2 super plus. 23 p4029 A67-40971
The nature of intermolecular forces. [WIS-TCI-249] 24 p4191 A67-42666
Perturbation theory for exchange forces. I. 24 p4194 A67-43115
- HIRSCHFIELD, P.**
The design and fabrication of a thin film hybrid subaudio active filter. 18 p3015 A67-34559
- HIRSHFIELD, J. L.**
Collisionless absorption of electrostatic plasma-waves. 11 p1838 A67-24402
Negative electron cyclotron resonance absorption due to collisions. 22 p3842 A67-40346
Kinetic model of Tonks-Dattner resonances in a positive column. 23 p4031 A67-40782
- HIRT, C. W.**
Solution of the Born-Green-Yvon equation for a high density one-component plasma. 13 p2162 A67-26282
- HIRTH, J. P.**
The deformation behavior of non-isoaxial bicrystals of Fe-3 percent Si. 17 p2872 A67-32738
- HISADA, H.**
Observation of solar VUV radiation with rocket-borne ion-chamber. 05 p0799 A67-16874
- HISHINUMA, Y.**
Properties of evaporated thin films of Si sub 2 O sub 3. 09 p1555 A67-22102
- HISLOP, J. S.**
Lunar and planetary surface analysis using neutron activation. 05 p0843 A67-16546
Extraterrestrial neutron activation analysis. 11 p1749 A67-23976
- HISLOP, S. L.**
An economic and technical analysis of a partially reusable space vehicle system. 15 p2569 A67-29851
The economic considerations of space operations. 19 p3350 A67-35648
- HITCHCOCK, D. R.**
Detecting planetary life from earth. 11 p1747 A67-24063
- Life detection by atmospheric analysis. 23 p3944 A67-40999
- HITCHCOCK, J. E.**
Laminar forced convection in the entrance region between parallel flat plates. [ASME PAPER 66-WA/HT-16] 04 p0608 A67-15449
- HITCHENS, A. L.**
High-explosive cutting mechanisms. [ASME PAPER 67-DE-33] 14 p2394 A67-28874
- HITTELMAN, K. J.**
Nonphosphorylating respiration of mitochondria from brown adipose tissue of rats. 02 p0185 A67-12527
- HIVERT, A.**
Impregnated tantalum carbide /Le carbure de tantale impregne/. [ONERA-TP-453] 15 p2502 A67-29378
- HIZA, M. J.**
Experimental apparatus and procedures for evaluating parameters affecting the pumping efficiency of a cryogenically cooled plane. 23 p4004 A67-41354
- HIZHNIKOV, V.**
Problems of the theory of secondary radiation by impurity centres in crystals. 20 p3511 A67-37031
- HLASNIK, J.**
Some remarks on corbino magnetoresistivity in InSb. 24 p4203 A67-42208
- HLAVACEK, I.**
Some variational principles for nonlinear elastodynamics. 10 p1720 A67-23598
- HLAVSA, J.**
The influence of changes of the feedback upon the performance. 22 p3756 A67-40536
- HLAWICZKA, P.**
Simultaneous A.C. and D.C. currents in ring shaped type II superconductors. 18 p3098 A67-33521
Pinning forces and hysteresis in type II superconductors. 21 p3685 A67-39075
Flux penetration and A.C. losses in superconducting niobium. 22 p3857 A67-39491
- HO, B.**
A D-C pumped quadrupole amplifier. 09 p1478 A67-22280
- HO, B. L.**
Effective construction of linear state-variable models from input/output functions. 14 p2291 A67-28066
- HO, B. P. C.**
A procedure for calculating the stresses in a centrifugal impeller with cover disk. [ASME PAPER 65-WA/FE-17] 01 p0080 A67-10873
- HO, C.**
Application of spectroscopic methods for measurements of plasma electron temperature and density. 14 p2322 A67-29045
- HO, C.-T.**
Laser saturation of photoconductivity and determination of imperfection parameters in sensitive photoconductors. 02 p0251 A67-11879
- HO, D.-V.**
On the boundary layer near a porous wall. 18 p3027 A67-34009
- HO, P.**
Charge motion on silicon oxide surfaces. 13 p2176 A67-26707
- HO, W.**
Laboratory measurement of microwave absorption in models of the atmosphere of Venus. 03 p0394 A67-12949
- HO, Y. C.**
On the self-learning scheme of Nagy and Shelton. 24 p4137 A67-42821
- HO, Y.-C.**
On the abstraction problem in pattern classification. 02 p0208 A67-12173
Optimal terminal maneuver and evasion strategy. 03 p0465 A67-13267
- HO, Y.-P.**
The impurity energy levels in semiconductors. 07 p1230 A67-19060
- HOADLEY, G. B.**
The fields of an electric dipole in motion. 10 p1879 A67-22730
- HOAG, J. G.**
The short-time tensile and long-time creep-rupture properties of the HF and HH alloys. [ASTM PAPER 52] 18 p3068 A67-34582
- HOAGLAND, J. C.**
Comments on the communication and data problems associated with a Mars trip during a conjunction phase. 07 p1145 A67-19870
- HOAGLAND, P. D.**
Neighboring N-carboxyalkyl group participation in the hydrolysis of phthalimide. 10 p1602 A67-23159
- HOAGLAND, R. G.**
On the use of the double cantilever beam specimen for determining the plane strain fracture toughness of metals. 12 p1956 A67-25946
On the use of the double cantilever beam specimen for determining the plane strain fracture toughness of metals. 23 p4018 A67-40928
- HOANG, P. T.**
Retarded potentials in restricted relativity /Potentiels retardes en relativite restreinte/. 09 p1534 A67-22579
- HOANG, S.**
Relationship between the occurrence of type III radio bursts and the presence of noise storm centers at 169 MHz and of radio condensations at a wavelength of 3-cm /Relation entre l'apparition des sursauts de type III et la presence des centres d'orages de bruit sur 169 MHz et des condensations radioelectriques sur 3 cm de longueur d'onde/. 10 p1704 A67-22889
- HOARE, E.**
Aerial steering in satellite-communication systems. 11 p1758 A67-24061
Aerial steering in satellite-communication systems. II. 17 p2833 A67-32190
- HOBBART, E. W.**
General method for analyzing refractory-metal alloys using the vacuum-cup electrode. 05 p0758 A67-16369
- HOBBS, G. D.**
Heat flow through a Langmuir sheath in the presence of electron emission. 11 p1828 A67-23894
- HOBBS, L. C.**
Display applications and technology. 05 p0769 A67-17520
- HOBBS, R. W.**
Search for 21-centimeter radiation near cosmic X-ray sources. 07 p1242 A67-19062
Measurements of the linearly polarized components of radio sources at a wavelength of 3.75 cm. 11 p1861 A67-24486
- HOBBY, C. R.**
Approximation from a curve of functions. 12 p1960 A67-25257
- HOBSON, D. O.**
The influence of neutron irradiation on twinning in a niobium-vanadium alloy /40 percent V/. 02 p0256 A67-12709
- HOBSON, G. S.**
Source of F.M. noise in cavity-controlled Gunn-effect oscillators. 09 p1474 A67-22040
Note on the relationship between the domain-transit frequency and the cavity-controlled frequency of thin Gunn devices. 11 p1759 A67-24130
- HOBSON, R. M.**
Test time and particle paths in low-pressure shock tubes. 08 p1321 A67-21119
Initial ionization processes in shock heated argon. 19 p3293 A67-35397
- HOCH, R.**
Concept and characteristics of the Concorde flight silencer. [AIAA PAPER 67-391] 15 p2549 A67-30359
- HOCHHEISER, J. S.**
Flight test of a nucleonic type aircraft fuel gage. 05 p0841 A67-16537
- HOCHSTEIN, L. I.**
The purification and properties of nicotine oxide. 20 p3376 A67-37032
- HOCHSTIM, A. R.**
Satellite-launched artificial meteors. 16 p2758 A67-30645
Convergent electric conductivity of plasma. 19 p3286 A67-35352
On the evaluation of rate coefficients from limited cross-section data. 23 p4030 A67-41530
- HOCHULI, U.**
Photon bunching in a laser at threshold. 20 p3461 A67-37289
- HOCK, A.**
Measuring apparatus for the determination of the distribution of atmospheric light ions and condensation particles near sea level /Messgeraete zur Bestimmung der Verteilung atmosphaerischer Kleinionen und Kondensationskerne in bodennahen Schichten der Atmosphaere/. 10 p1657 A67-23695
- HOCK, C. D.**
Reliability prediction activities in the Apollo program. 18 p3139 A67-34697
- HOCK, R. J.**
Seasonal metabolic responses of deer mice

- /peromyscus/ to temperature and altitude. 04 p0561 A67-14593
- Conductive cooling - Effects on physiological parameters during exercise. 23 p3964 A67-41558
- HOCKER, L. O.**
- Progress and applications of Q-switching techniques using molecular gas lasers. 05 p0816 A67-18632
- Absolute frequency measurement and spectroscopy of gas laser transitions in the far infrared. 11 p1802 A67-24830
- Absolute frequency measurement of the 190 μ and 194 μ gas laser transitions. 16 p2685 A67-30824
- Absolute frequency measurements on new CW HCN submillimeter laser lines. 24 p4166 A67-41861
- HOCKETT, J. E.**
- On relating the flow stress of aluminum to strain, strain rate, and temperature. 18 p3064 A67-34078
- HOCKNEY, R. W.**
- Computer experiment of anomalous diffusion. 02 p0276 A67-12558
- A computer simulation of anomalous diffusion. 11 p1830 A67-24009
- HODARA, H.**
- Excess photon noise in multimode lasers. 05 p0815 A67-18623
- HODDER, D. T.**
- Exploration of the magnetosphere by analysis of high altitude nuclear weapons test data. 22 p3792 A67-39932
- HODDLE, R. H.**
- Design features of large antennas in space. [AIAA PAPER 66-848] 02 p0221 A67-12258
- HODGE, B. K.**
- Effect of acceleration on the burning rate of composite propellants. [AIAA PAPER 67-470] 18 p3157 A67-33940
- HODGE, E. S.**
- Fabrication of complex beryllium shapes by gas-pressure compaction. 13 p2123 A67-27131
- HODGE, G. D.**
- An adaptive twelve-channel multiplexer. 06 p0960 A67-17676
- HODGE, J. D.**
- Safety in flight operations. [AIAA PAPER 67-824] 24 p4243 A67-42971
- HODGE, P. W.**
- Studies of particles for extraterrestrial origin. V. 09 p1570 A67-22693
- Determination of the densities of individual meteoritic, glacial, and volcanic spherules. 14 p2390 A67-28886
- HODGES, J. A.**
- Electron-spin-resonance absorption spectrum of platinum in yttrium aluminum garnet. 03 p0492 A67-13326
- HODGES, J. C.**
- Preliminary results on the wavelength dependence and aspect sensitivity of radar auroral echoes between 50 and 3000 MHz. 20 p3433 A67-37411
- HODGES, L.**
- Ion rocket engine propellant systems and high voltage electrical isolation studies. [AIAA PAPER 67-681] 21 p3692 A67-38712
- HODGES, R. R., JR.**
- Reconsideration of electron attachment rate measurements in the lower ionosphere. 03 p0410 A67-12960
- Discussion of paper by J. R. Herman and J. J. Gibbons, "Expected intensity of a magnetic dipole transition for certain neutral constituents in the ionosphere." 03 p0411 A67-12961
- Waves in a partially ionized paramagnetic gas. 11 p1751 A67-23970
- Generation of turbulence in the upper atmosphere by internal gravity waves. 17 p2843 A67-32538
- HODGKINSON, R. J.**
- Effect of temperature on electron emission from semiconductor p-n junctions. 03 p0494 A67-13487
- HODGMAN, G. W.**
- Computer simulation of solar array performance. 23 p3940 A67-41515
- HODGSON, C. J.**
- A seven year follow-up X-ray survey for bone changes in low pressure chamber operators. 23 p3957 A67-41641
- HODGSON, J. N.**
- SNAP-8 - A technical assessment. 24 p4184 A67-42497
- HODGSON, R.**
- The non-equilibrium conductivity in an argon-potassium plasma in crossed electric and magnetic fields. 16 p2709 A67-30514
- HODSON, R. L.**
- Cemented carbides with high-melting binders. I - Carbides bonded with Cr and V alloys. 01 p0100 A67-10724
- HOEDEMAEKER, R. W.**
- The ESSA satellite - A new role for Tiros. 06 p1096 A67-18412
- The ESSA satellite - A new role for Tiros. [SMPT PAPER 101-56] 12 p2011 A67-25472
- HOEFFLINGER, B.**
- Mode of action and some high-frequency investigations of the Gunn effect /Wirkungsweise und einige Hochfrequenzuntersuchungen des Gunn-Effektes/. 05 p0871 A67-17325
- HOEGBOM, J. A.**
- Earth-rotation synthesis using fixed antennas. 14 p2284 A67-28434
- HOELKE, C. W.**
- Electron microscope observation of atomic planes and atomic positions in germanium. 03 p0501 A67-14345
- HOELL, J. M.**
- Effect of propellant injection through electrodes on potential distribution in an MPD arc. [AIAA PAPER 67-49] 06 p1074 A67-18435
- HOELL, J. M. JR.**
- Diagnostics and interpretation of acceleration mechanisms in an MPD arc. [AIAA PAPER 67-876] 21 p3671 A67-38709
- HOELMER, W.**
- Laminar boundary-layer separation in hypersonic flow. 06 p0992 A67-18878
- HOELZL, J.**
- Current problems of secondary-electron emission treated by the thin-film method /Aktuelle Probleme der Sekundärelektronen-Emission, behandelt mit der Methode der dünnen Schichten/. 02 p0290 A67-11733
- HOENIG, S. A.**
- Low cost, 1300 deg C vacuum furnace. 06 p0950 A67-17751
- Detection of hydrogen in air by means of alkali ion current from hot palladium. 08 p1330 A67-20376
- HOEPFNER, H.**
- Efficient engine and wing design for a fighter aircraft /Günstige Triebwerks- und Flügelauslegung fuer ein Kampflugzeug/. 23 p3935 A67-41316
- HOERZ, G.**
- Kinetics of degassing of metal/nitrogen solid solutions. III /Kinetik der Entgasung von Metall-Stickstoff-Mischkristallen. III/. 04 p0637 A67-14909
- Emission and electrical resistance of tantalum at high temperatures /Emissionsvermoegen und elektrischer Widerstand von Tantal bei hohen Temperaturen/. 05 p0831 A67-17312
- HOEVEL, F.**
- The use of conditioned distribution functions in the theory of gas plasmas /Ueber die Verwendung bedingter Verteilungsfunktionen in der Theorie der Gasplasmen/. 21 p3675 A67-38931
- HOEY, M. J.**
- A possible optical observation of daytime aurorae. 17 p2852 A67-33212
- HOFFER, R. C.**
- Proposal for fog penetrating imaging device. 05 p0809 A67-17512
- Interferometric effect with semiconductors in the millimeter-wave region. 20 p3510 A67-37025
- HOFF, F.**
- Statistical distribution of the envelope of an amplitude-modulated laser signal after passage through a turbulent atmosphere. 03 p0438 A67-13988
- HOFF, N. J.**
- The buckling behavior of uniformly heated thin circular cylindrical shells. 01 p0163 A67-11013
- Thin shells in aerospace structures /Von Karman lecture/. [AIAA PAPER 66-1022] 03 p0529 A67-14154
- Thin shells in aerospace structures. [AIAA PAPER 66-1022] 10 p1715 A67-22767
- Dynamic stability of structures. 14 p2396 A67-28079
- Experimental studies of the buckling of complete spherical shells. 17 p2960 A67-32454
- HOFFART, H. M.**
- Instrument grounding keeps space signals clean. 20 p3398 A67-36837
- HOFFER, R. M.**
- Contributions of automatic crop surveys to agricultural development. 24 p4258 A67-42935
- HOFFERT, F.**
- Design and application problems of V-STOL transport aircraft /Entwurfs- und Einsatzprobleme des senkrechtstartenden Transportflugzeugs/. 03 p0357 A67-12972
- HOFFERT, M. I.**
- Quasi-one-dimensional, nonequilibrium gas dynamics of partially ionized two-temperature argon. 22 p3850 A67-39708
- HOFFMAN, A. C.**
- Development of a Co-W ferromagnetic, high-temperature, structural alloy. 24 p4174 A67-42726
- HOFFMAN, A. I.**
- The descent engine for the lunar module. [AIAA PAPER 67-521] 18 p3115 A67-33964
- HOFFMAN, A. L.**
- A single-fluid model for shock formation in MHD shock tubes. 15 p2528 A67-29565
- HOFFMAN, C. P.**
- TV show of the century - A travelogue with no atmosphere. 09 p1499 A67-22175
- HOFFMAN, C. S.**
- Effect of blur and size on target recognition. 09 p1455 A67-21723
- An experimental investigation of radar target designation tracking. 17 p2830 A67-33181
- HOFFMAN, E.**
- Demodulation of digital signals using an FM discriminator. 02 p0201 A67-12118
- Error rates for digital signals demodulated by an FM discriminator. 20 p3385 A67-37351
- HOFFMAN, E. L.**
- Recent gains in solar concentrator technology. 13 p2055 A67-26826
- HOFFMAN, G. W.**
- Effect of magnetic field on pulse and CW operation of the large bore ionized gas laser. 15 p2496 A67-29173
- HOFFMAN, J.**
- Radioactive ultrafine particles for MHD power generation. 08 p1283 A67-20647
- HOFFMAN, J. D.**
- A general method for determining optimum thrust nozzle contours for chemically reacting gas flows. [AIAA PAPER 66-638] 10 p1592 A67-23118
- Optimum thrust-nozzle contours for gas-particle flows. [AIAA PAPER 66-538] 21 p3565 A67-38875
- Optimization of conical thrust nozzles. 24 p4093 A67-42922
- HOFFMAN, J. E.**
- Real time Fourier transform synthesizer. 20 p3437 A67-36341
- HOFFMAN, J. H.**
- Composition measurements of the topside ionosphere. 06 p0996 A67-18646
- A mass spectrometric determination of the composition of the nighttime topside ionosphere. 13 p2108 A67-26310
- HOFFMAN, J. M.**
- Yellow-green luminosity accompanying the injection of triethylborane into the upper atmosphere. 12 p1932 A67-25208
- Molecular fluorescence accompanying the twilight injection of triethylborane into the upper atmosphere. 21 p3623 A67-39123
- HOFFMAN, J. R.**
- The constitution of binary molybdenum-carbon alloys. 20 p3470 A67-37389
- HOFFMAN, M. A.**
- A large non-equilibrium MHD generator. 16 p2602 A67-30556
- HOFFMAN, O.**
- The brittle strength of orthotropic materials. 14 p2399 A67-28103
- HOFFMAN, P. E.**
- Automatic biomedical monitoring. 23 p3964 A67-41548
- HOFFMAN, R. E.**
- Vidicons for space applications. [SMPT PAPER 101-51] 12 p1914 A67-25471
- HOFFMAN, R. J.**
- Measurement of the flame structure of a thermally unstable fuel in an oxidizing atmosphere. 19 p3310 A67-35014
- HOFFMAN, R. K.**
- Certification of probability of sterilization of liquid by filtration. 24 p4116 A67-42705
- HOFFMAN, S. K.**
- Propulsion for space flight. 01 p0141 A67-11265
- HOFFMAN, T. W.**
- Numerical solution of the Navier-Stokes equation for flow past spheres. I. 12 p1927 A67-25282

- HOFFMANN, A.**
Study of the columnar crystal formation of Alnico permanent magnets containing titanium /Untersuchungen zur Stengelkristallbildung von titanhaltigen Alnico-Dauermagneten/. 21 p3645 A67-38376
- HOFFMANN, F.**
Transient growth of magnetostatic modes in longitudinal pumping in a sample of yttrium garnet /Croissance transitoire des modes magnetostatiques en pompage longitudinal dans un echantillon de grenat d'yttrium/. 16 p2732 A67-31704
- HOFFMANN, G.**
Methods of improving the fatigue strength of riveted joints /Massnahmen zur Verbesserung der Ermudungsfestigkeit von Nietverbindungen/. 03 p0521 A67-13023
Corrosion protection for modern aircraft /Korrosionsschutz moderner Flugzeuge/. 04 p0636 A67-14576
- HOFFMANN, H.**
Sound absorption in liquid N sub 2 O sub 4 by relaxation of the dissociation equilibrium /Schallabsorption in fluessigem N sub 2 O sub 4 infolge Relaxation des Dissoziationsgleichgewichts/. 01 p0019 A67-10841
- HOFFMANN, H. E. W.**
The third stage of the ELDO-A satellite launcher. 20 p3533 A67-37166
- HOFFMANN, H. J.**
Quantum statistics of a high-temperature plasma in thermodynamical balance /Quantenstatistik des Hochtemperatur-Plasmas im thermodynamischen Gleichgewicht/. 18 p3089 A67-34300
- HOFFMANN, M.**
Anodic oxidation of vanadium-gallium alloys /Anodisches Oxydieren von Vanadium-Gallium-Legierungen/. 23 p4036 A67-40713
- HOFFMANN, W. F.**
Far-Infrared surveys of the sky. 17 p2952 A67-33362
- HOFFNAGLE, J. H.**
A study of primate skin and body particulate matter and indigenous primate microflora. 23 p3944 A67-40856
- HOFFSTEDT, D. J.**
The design and construction of filament-reinforced composite rotor blades. 03 p0453 A67-13416
- HOFMANN, D. J.**
Resource letter CR-1 on cosmic rays. 07 p1242 A67-19622
The measurement at balloon heights of the low energy hydrogen and helium isotopes in the cosmic radiation at solar minimum, 1965. 17 p2939 A67-33246
The rigidity dependence of the solar modulation at solar minimum, 1965. 17 p2952 A67-33247
- HOFMEISTER, E.**
Methods for calculating stellar evolution. 14 p2392 A67-28995
- HOFSTEIN, S. R.**
An analysis of deep depletion thin-film MOS transistors. 09 p1475 A67-22202
Space-charge-limited ionic currents in silicon dioxide films. 15 p2539 A67-29825
Stabilization of MOS devices. 17 p2823 A67-32195
Tritium-labeled field-induced proton transport in SiO sub 2 films. 20 p3510 A67-36857
- HOGAN, C. L.**
Microelectronics. [AAS PAPER 67-79] 15 p2452 A67-29946
- HOGAN, J. T.**
Kinetic equation with electromagnetic interactions. 15 p2519 A67-29209
- HOGAN, W. H.**
Refrigeration means and design considerations for cooling masers and parametric amplifiers. 14 p2277 A67-27775
Effectiveness of low-temperature refrigeration for electronics. 14 p2278 A67-27785
- HOGELIN, G. W.**
AAFSS /AH-56A/ application of a fully integrated avionics aircraft weapons system. 19 p3196 A67-35666
- HOGG, D. C.**
Progress in radio propagation in nonionized media. 05 p0760 A67-16009
Path diversity in propagation of millimeter waves through rain. 16 p2625 A67-31343
- HOGG, D. E.**
Angular sizes of quasi-stellar radio sources. 05 p0898 A67-16925
- HOGLUND, G. O.**
Welding. 14 p2323 A67-27819
- HOGSETT, G. R.**
The IBM Electronic Circuit Analysis Program /ECAP/. 01 p0031 A67-11336
- HOH, F. C.**
Onset of turbulence in the positive column. 11 p1831 A67-24012
- HOHENBERG, C. M.**
Xenon-iodine dating - Sharp isochronism in chondrites. 12 p2002 A67-25525
Spallation and fissiogenic xenon and krypton from stepwise heating of the Pasamonte achondrite - The case for extinct plutonium 244 in meteorites - Relative ages of chondrites and achondrites. 16 p2754 A67-31747
- HOHENBERG, P. C.**
Anisotropy and temperature dependence of the upper critical field of type-II superconductors. 07 p1236 A67-20136
The mixed state of thin superconducting films in perpendicular fields. 19 p3303 A67-35041
- HOHENBERG, R.**
Detection and study of compressor-blade vibration. 15 p2545 A67-29165
- HOHENEMSER, K. H.**
Aeroelastic instability of torsionally rigid helicopter blades. 16 p2595 A67-30927
- HOHL, F.**
A one-dimensional model to study collective effects in stellar dynamics. 07 p1256 A67-20017
Numerical experiments with a one-dimensional model for a self-gravitating star system. 11 p1862 A67-24500
Electric potentials, forces, and torques on bodies moving through rarefied plasmas. 14 p2362 A67-29039
- HOHMANN, G. L.**
Nuclear subsystem controls for the NERVA experimental engine. 24 p4183 A67-42471
Limiters in NERVA reactor control. 24 p4183 A67-42472
- HOLBECK, H. J.**
A structural view of solar array developments. 24 p4108 A67-42557
- HOLDEN, D. J.**
An investigation of the clustering of radio sources. 05 p0902 A67-17289
- HOLDEN, F. C.**
Crack propagation at stresses below the fatigue limit. 11 p1806 A67-24365
- HOLDEN, P.**
Proving integrated circuits reliability. 01 p0042 A67-11366
- HOLDER, W. G.**
Launch vehicle performance. 16 p2762 A67-31489
- HOLDREDGE, E. S.**
Radiation heat transfer for straight fins of trapezoidal profile. [ASME PAPER 67-HT-73] 20 p3550 A67-36753
- HOLDSWORTH, D. W.**
Studies of the radar properties of rocks in vacuum and the design of a specialized radar for measuring stratification features of the lunar and terrestrial surface. 01 p0021 A67-10324
- HOLEMAN, B. R.**
Localized breakdown in Ge mesa diodes due to inclusions. 04 p0584 A67-15486
- HOLEMAN, E.**
Tracks of cosmic rays in plastics. 06 p1076 A67-17641
- HOLEMAN, J. M.**
The application of spatial filter techniques to precision autonomous space navigation. 02 p0284 A67-12316
Space navigation by spatial filtering of landmarks. 17 p2881 A67-32436
- HOLGATE, M. J.**
The oscillogyro. 14 p2322 A67-29010
- HOLGERSEN, L.**
Lunar orbiter command and telemetry data handling system at deep space stations. 02 p0194 A67-11808
- HOLICK, A.**
Effect of limited wordlength on satellite prediction accuracy. 11 p1859 A67-24317
- HOLICK, H.**
A nuclear heated thermionic converter. 09 p1451 A67-22359
- HOLISTER, G. S.**
Moire method of surface strain measurement. 07 p1282 A67-19387
- HOLISTER, G. S.**
Fibre Reinforced Materials. 22 p3820 A67-39590
Experimental Stress Analysis-Principles and Methods. 23 p4077 A67-40791
- HOLKEBOER, D. H.**
Vacuum Engineering. 23 p4028 A67-41353
- HOLL, H. A.**
Deformation substructure and susceptibility to intergranular stress corrosion cracking in an aluminum alloy. 18 p3063 A67-34000
- HOLL, H. B.**
Specular reflection and characteristics of reflected light. [RE-TR-87-7] 15 p2518 A67-29769
- HOLLADAY, W. G.**
Nonleptonic sigma decays. 19 p3263 A67-34892
- HOLLAND-MORITZ, E. K.**
Swept frequency modulation. 02 p0202 A67-12124
- HOLLAND, A. C.**
Analytical and experimental investigation of light scattering from polydispersions of Mie particles. 10 p1679 A67-22747
- HOLLAND, C. L., JR.**
Performance effects of long term random vertical vibration. 18 p2993 A67-34336
- HOLLAND, L.**
Vacuum physics in the technology of thin films /A vakuumfizika a vekonyreteg technikan/. 01 p0131 A67-10298
Measuring the density and direction of gas molecular flow using an ionization detector. 09 p1489 A67-22107
- HOLLAND, L. R.**
Analysis of temperature fluctuations in AC heated filaments. 04 p0723 A67-15117
Diffusion analysis of the observed time lag of the thermal coefficient of resistivity of germanium. 06 p1050 A67-18144
- HOLLAND, M.**
Mean-diameter/wall-thickness ratio for a thin-walled cylinder. 15 p2574 A67-29528
- HOLLAND, M. G.**
Optical pulse compression using Bragg scattering by ultrasonic waves. 24 p4188 A67-42368
- HOLLAND, R. L.**
Theory and observation of the rotational motion of the Pegasus satellites. [AIAA PAPER 67-567] 19 p3335 A67-35963
- HOLLANDER, M.**
Rank tests for randomized blocks when the alternatives have an a priori ordering. 21 p3650 A67-37780
- HOLLANDER, T. J.**
Photometric measurements on the deviations from the equilibrium state in burnt flame gases. [AIAA PAPER 67-8] 06 p1072 A67-18345
- HOLLOWAY, L. C.**
Stresses in fibre-reinforced materials. 17 p2966 A67-33387
- HOLLIDAY, C. T.**
Optical system for line-scan television satellite. 16 p2879 A67-31797
- HOLLIDAY, J. H.**
Arc initiation at metal surfaces in a hydrogen Penning discharge. 05 p0850 A67-16066
- HOLLIES, N. R. S.**
A new approach to optimum cooling in ventilated impermeable clothing. 23 p3967 A67-41604
- HOLLIMAN, A. L.**
Digital control system compensation to improve the time response of the controlled variable. 01 p0045 A67-10673
- HOLLINGER, J. P.**
Search for 21-centimeter radiation near cosmic X-ray sources. 07 p1242 A67-19062
- HOLLINGSWORTH, E. H.**
Resistance to corrosion and stress corrosion. 14 p2335 A67-27806
- HOLLINGSWORTH, M., JR.**
An apparatus for thermal conductivity at cryogenic temperatures using a heat flow meter. 22 p3802 A67-40293
- HOLLIS, J. E. L.**
Carrier recombination in indium arsenide. 14 p2364 A67-28104
Recombination centers in InSb. 15 p2535 A67-29483
- HOLLISTER, M. P.**
Capillary hydrostatics in annular tanks. [AIAA PAPER 66-425] 05 p0793 A67-17218
- HOLLISTER, W. M.**
An analytic measure for the difficulty of human control. 13 p2061 A67-26709
- HOLLMANN, G.**
New diagnostic relations between the wind and pressure fields /balance equations/ in a barotropic atmosphere with divergent flow

- /Zur Frage neuer diagnostischer Beziehungen zwischen Wind- und Druckfeld /Balancegleichungen/ in einer barotropen Atmosphäre mit divergenter Stromung/. 13 p2149 A67-26273
- HOLLOWAY, H.**
Multiple twins in epitaxial gallium arsenide. 17 p2922 A67-33065
Oriented growth of semiconductors. 18 p3106 A67-34636
- HOLLOWAY, J. F.**
Coated columbium alloys for jet engine turbine vanes. [ASM PAPER C6-1.4] 23 p4020 A67-41402
- HOLLOWAY, P. F.**
Return from orbit to the continental United States. 04 p0706 A67-15253
Importance of recovery-site location in determining entry vehicle requirements for future missions. 21 p3607 A67-37804
High-altitude hypersonic flow effects on the lateral range capability of entry vehicles. 22 p3742 A67-40114
- HOLLOWAY, R. A.**
Spontaneous ignition testing for high speed aircraft. 09 p1521 A67-22249
- HOLLOWAY, W. W., JR.**
Temperature-dependent Nd fluorescence parameters and laser thresholds. 01 p0091 A67-11085
Quenching of the Tb super 3 super plus fluorescence by other rare-earth ions in aqueous chloride solutions. 23 p3971 A67-40974
- HOLLROCK, R. H.**
Rotor entry vehicle systems /REVS/ for safe landings. [AIAA PAPER 67-203] 06 p0949 A67-18490
Re-entry rotor tested. 09 p1440 A67-22285
Rotor entry vehicle system for safe landings. [AIAA PAPER 67-203] 15 p2419 A67-29444
- HOLLSTEIN, M.**
Measurement of the velocity-dependence of total scattering cross sections for atom-atom collisions in the energy range between 6 and 1000 eV /Messungen der Geschwindigkeitsabhängigkeit totaler Streuerschnitte fuer Atom-Atom-Stoesse im Energiebereich zwischen 6 und 1000 eV/. 13 p2161 A67-27361
- HOLM, R. J.**
The 1965 evaluation of a Litton LN-12 inertial navigation system in civil air transport operations. 15 p2515 A67-29742
- HOLMAN, M. A.**
The Federal Government's propensity to patent. 07 p1269 A67-19467
- HOLMBERG, S.**
Critical voltage of a rotating plasma. 04 p0672 A67-15648
- HOLMBOE, J.**
On the instability of stratified shear flow. 19 p3210 A67-35611
- HOLME, J. C.**
Measurements of the decay of arc column temperature following interruption. 05 p0850 A67-16068
- HOLMES-SIEDLE, A. G.**
Ionization and displacement damage in silicon transistors. 04 p0588 A67-15706
A radiation-induced instability in silicon MOS transistors. 04 p0589 A67-15716
Space radiation - Its influence on satellite design. 06 p1078 A67-18419
A survey of radiation effects in metal-insulator-semiconductor devices. 18 p3012 A67-34345
An approach to radiation effects in MIS devices. 19 p3306 A67-35676
- HOLMES, A. B.**
Experimental analysis of digital fluoric amplifiers for proportional thrust control. 08 p1282 A67-20465
Application of fluidics to sensing and controlling fluid phenomena. [ASME PAPER 67-DE-12] 14 p2252 A67-28869
- HOLMES, A. E.**
An evaluation of man's capability to perform support functions in space. 01 p0018 A67-11405
A technique for analyzing maintainability criteria for in-space maintenance. 23 p4070 A67-40591
- HOLMES, D. A.**
On the calculation of thin film refractive index and thickness by ellipsometry. 05 p0847 A67-16796
Electromagnetic wave propagation in birefringent multilayers. 06 p1033 A67-18544
Formulas for using wave plates in ellipsometry. 13 p2158 A67-26879
Theory of an ellipsometric technique for investigating weakly absorbing substances. 16 p2703 A67-31877
- HOLMES, D. D.**
Oxygen under high pressure and experimental tetanus. 09 p1453 A67-21727
- HOLMES, D. P.**
A monolithic gallium arsenide tunnel diode construction. 10 p1617 A67-23542
- HOLMES, G. W.**
Onboard signal conditioning for piezoelectric accelerometers. 23 p4005 A67-41372
- HOLMES, J. C.**
Positive ion composition of a temperate-latitude sporadic E layer as observed during a rocket flight. 11 p1784 A67-23928
- HOLMES, J. K.**
System determination from noisy measurements. 15 p2461 A67-30320
- HOLMES, J. O.**
Application of microwave building blocks to communications satellites. 17 p2956 A67-32497
- HOLMES, L. A.**
The thermodynamics of space storage of liquid propellants. 12 p2034 A67-25729
- HOLMES, L. S.**
Experimental observations of collisionless shock waves in a magnetized plasma. 19 p3294 A67-35408
- HOLMES, P. J.**
A vapour etching technique for the photolithography of silicon dioxide. 04 p0682 A67-15488
- HOLMES, Q. A.**
Thermodynamic conditions of the test gas in a ballistic compressor. 22 p3778 A67-39351
- HOLMES, R.**
Analysis of thermal relaxation processes. 15 p2580 A67-29771
- HOLMES, R. G.**
The GSFC scientific data storage problem. 09 p1467 A67-21885
- HOLMES, W. E.**
Measurement of turbulent skin friction by a Preston tube in the presence of heat transfer. 23 p4004 A67-41341
- HOLMES, W. H.**
A new method of gyrator-RC filter synthesis. 01 p0032 A67-10008
- HOLMES, W. S.**
Automatic photointerpretation and target location. 05 p0768 A67-17513
- HOLMQUIST, C. O.**
Water-launched rockets for space research. 12 p2012 A67-25839
- HOLMSTROEM, J.**
Exploding wires in air and vacuum. 05 p0847 A67-17317
- HOLMSTROM, R.**
Two-stream flow in diodes. 02 p0214 A67-11883
- HOLOCH, J.**
Time and local temperature distribution in a semiconductor crystal subjected to pulsed heating /Zeitliche und örtliche Temperaturverteilung in einem Halbleiterkristall bei impulsförmiger Erwärmung/. 09 p1579 A67-21700
- HOLOIEN, E.**
Variational calculations for quartet states of three-electron atomic systems. 07 p1226 A67-19500
- HOLONYAK, N., JR.**
Volume excitation of an ultrathin single-CdSe laser. 01 p0091 A67-10879
Volume excitation of an ultrathin continuous-wave CdSe laser at 6900 angstrom units output. 15 p2500 A67-29821
Space charge and oscillation effects in gold-doped silicon p-n-n diodes. 19 p3198 A67-36043
Current oscillations in Co-doped Si p-n structures. 23 p3978 A67-40788
- HOLOPAINEN, E. O.**
On the mean meridional circulation and the flux of angular momentum over the Northern Hemisphere. 09 p1490 A67-21549
- HOLSCHWANDNER, L. H.**
Second breakdown and degradation in germanium alloy junctions. 07 p1157 A67-19905
- HOLSTEAD, R. D.**
Radiation heat transfer for straight fins of trapezoidal profile. [ASME PAPER 67-HT-73] 20 p3550 A67-36753
- HOLSTEDT, R. A.**
Oil mist deposits test - A technique for evaluating the deposit forming tendency of jet engine lubricants. 16 p2683 A67-31755
- HOLSTEN, J. R.**
Poly(phenylene/triazoles) - New thermally stable fibers. 21 p3648 A67-37876
- HOLSTON, A., JR.**
Approximate analytical solutions of the finite-deflection equations for a shallow spherical shell. [ASME PAPER 66-WA/APM-21] 04 p0714 A67-15411
Stability of inhomogeneous anisotropic cylindrical shells containing elastic cores. 14 p2399 A67-28119
- HOLT, A.**
Corrosion problems in aircraft. 12 p1954 A67-25127
- HOLT, E. H.**
Radiation-temperature measurements of the nitrogen afterglow plasma. 01 p0119 A67-10147
Sub-threshold study of the azimuthal modes of the Kadomtsev plasma instability. 11 p1829 A67-24001
Transport phenomena in ionized gases as an initial value problem. 19 p3287 A67-35355
Radial density profile and critical magnetic field measurement for the helical instability in a hollow plasma column. 22 p3853 A67-40234
- HOLT, L.**
Langmuir-Blodgett multi-monolayers as thin film dielectrics. 16 p2728 A67-31020
- HOLT, M.**
Separation of laminar boundary layers on cooled reentry bodies. 02 p0179 A67-12348
Symmetrical, equilibrium flow past a blunt body at superorbital re-entry speeds. 10 p1591 A67-23109
High speed flow past a cone with large wall injection velocities. 24 p4092 A67-42398
- HOLT, M. D.**
Non-linear response of a penning ionization gauge discharge to applied very high frequency signals. 19 p3275 A67-35110
- HOLT, S. S.**
Fast neutron latitude variations in the atmosphere at solar minimum. 03 p0505 A67-12950
Satellite protons as a test of solar neutron observations. 17 p2937 A67-32544
- HOLTER, M. R.**
Sensing and interpretation techniques. 06 p1006 A67-19013
- HOLTERMANN, L. K.**
Radiant heat source facility for calibration and simulation testing. 15 p2490 A67-30153
- HOLTUM, A. G., JR.**
Optimizing gain of parabolic antennas. 10 p1613 A67-23413
- HOLTZ, R. A.**
Prediction of availability to launch-on-time. [AIAA PAPER 67-271] 07 p1260 A67-20080
Prediction of availability to launch-on-time. [AIAA PAPER 67-271] 21 p3712 A67-37808
- HOLWAY, L. H., JR.**
Time-varying weight functions and the convergence of polynomial expansions. 08 p1323 A67-21385
The effect of collisional models upon shock wave structure. 13 p2103 A67-26978
- HOLWEGER, H.**
Empirical model of the solar atmosphere with local thermodynamic equilibrium /Ein empirisches Modell der Sonnenatmosphäre mit lokalem thermodynamischem Gleichgewicht/. 11 p1858 A67-24112
- HOLYOAK, B.**
A theoretical analysis of extensive air showers. I. 03 p0506 A67-13517
- HOLZ, E. I.**
Interaction of plasma bunches with a high-power microwave. 19 p3291 A67-35384
- HOLZAPFEL, C.**
The closed MHD loop, ARGAS. 16 p2653 A67-30553
Lay-out data of a homogeneous closed-cycle 300 mw MHD generator. 16 p2603 A67-30565
- HOLZAPFEL, W.**
Calculation and experimental comparison of the amplification factors for a 6328 angstrom units Laser Transition in a He-Ne discharge /Berechnung und experimenteller Vergleich des Verstärkungsfaktors fuer den Laserübergang 6328 angstrom units in einer He-Ne-Gasentladung/. 10 p1863 A67-22893
- HOLZER, R. E.**
Magnetic noise in the magnetosheath in the frequency range 3-300

- HZ. 23 p3995 A67-40804
- HOLZER, S. M.**
Critical speeds of rotating shaft subjected to axial loading and tangential torsion. [ASME PAPER 66-WA/MD-1] 04 p0629 A67-15348
- HOLZINGER, O.**
Amplitude-dependent internal friction and defect structures in aluminum. I - Measuring methods /Amplitudenabhängige Dämpfung und Moduldefekt in Aluminium. I - Messmethoden/. 01 p0067 A67-10842
Amplitude-dependent internal friction and defect structures in aluminum. III - Combined kHz-MHz experiments /Amplitudenabhängige Dämpfung und Moduldefekt in Aluminium. III - Kombinierte kHz-MHz-Untersuchungen/. 01 p0101 A67-10844
- HOMANN, H. R.**
14CO sub 2 fixation, glutamate labeling, and the Krebs cycle in ribose-grown *Hydrogenomonas facilis*. 20 p3370 A67-36796
- HOMANN, K. H.**
Some new aspects of the mechanism of carbon formation in premixed flames. 18 p3151 A67-33808
- HOMENTOWSKI, E.**
Direct nondestructive pumping of ruby lasers by chemical means. 15 p2502 A67-30437
- HOMICZ, R. J.**
Fundamentals and basic techniques of residual stress measurements with a portable X-ray diffraction unit. [SAE PAPER 670151] 09 p1502 A67-21771
- HONDA, K.**
X-ray investigation on fatigue of metals. 16 p2774 A67-31322
- HONDA, M.**
Effects of cosmic rays on meteorites. 14 p2380 A67-27968
Determination of rubidium-strontium age of chondrites using their separated components. 21 p3702 A67-38125
Distribution of rare earths among component minerals of Bruderheim chondrite. 21 p3702 A67-38126
Distributions of alkali, alkaline earth and rare earth elements in component minerals of chondrites. 24 p4236 A67-42646
- HONE, C. P.**
Torsional-flexural buckling of axially-loaded, thin-walled, elastic struts of open cross-section. 17 p2957 A67-32024
- HONES, E. W.**
Characteristics of the plasma sheet in the earth's magnetotail. 07 p1244 A67-19921
- HONES, E. W., JR.**
Influence of the earth's rotation upon the interaction of the solar wind with the magnetosphere. 03 p0506 A67-12959
Adiabatic motions of charged particles in a dipole model of the magnetosphere. 10 p1651 A67-23395
- HONEYCUTT, C. R.**
Elevated-temperature fatigue of TZC molybdenum alloy under high-frequency and high-vacuum conditions. 22 p3822 A67-40058
- HONEYCUTT, G. H.**
Simulation of deployment dynamics of spinning spacecraft. [AIAA PAPER 67-207] 06 p0980 A67-18325
- HONG, S.**
Size reduction of a conical log-spiral antenna by loading with magneto-dielectric material. 02 p0212 A67-11612
Asymptotic theory of electromagnetic and acoustic diffraction by smooth convex surfaces of variable curvature. 22 p3836 A67-39389
- HONG, Z.-Y.**
The vibration behavior of circular conical shells. 06 p1105 A67-18591
- HONIG, A.**
Scattering of spin polarized carriers from spin polarized impurities in semiconductors. 06 p1063 A67-18937
- HONIG, J. M.**
Thermoelectric and thermomagnetic effects and applications. 20 p3514 A67-37464
- HONKA, E. K.**
Limiters in NERVA reactor control. 24 p4183 A67-42472
- HONMA, T.**
Conductivity of a gas-solid mixture. 09 p1543 A67-21820
- HONNAY, S.**
UV photometry of galactic clusters from artificial satellites - The case of the Praesepe cluster /Photometrie ultraviolette des amas galactiques a partir de satellites artificiels - Cas de l'amas de Praesepe/. 06 p1077 A67-18065
- HONNOLD, V. R.**
Transient high energy radiation response in the thin-film transistor. 04 p0589 A67-15718
A thermophototropic model for spacecraft thermal control. 21 p3730 A67-37792
- HONSEL, H. F.**
Honsel plastic-mold process /Das Honsel-Plastermoldverfahren/. 21 p3637 A67-38976
- HONZAWA, T.**
Observation of an instability in a hot electron plasma. 04 p0683 A67-14621
- HOOD, C. B.**
Large helium refrigerators for cryopumping. 12 p1924 A67-25716
- HOOD, J. D.**
A method for the prediction of radiative heat transfer from flames. [ASME PAPER 67-HT-47] 20 p3547 A67-36729
- HOOD, W. B., JR.**
Initial cardiovascular response to low frequency whole body vibration in humans and animals. 15 p2428 A67-29272
- HOOGSTRATEN, H. W.**
Uniformly valid approximations in two-dimensional subsonic thin airfoil theory. 18 p2982 A67-33663
- HOOK, R. E.**
The deformation behavior of non-isoaxial bicrystals of Fe-3 percent Si. 17 p2872 A67-32738
- HOOK, W. R.**
A TVR laser oscillator using a single pockels cell for Q-switching and synchronized cavity dumping. 05 p0826 A67-17525
- HOOKER, M. P.**
Adsorption on niobium /110/, tantalum /110/, and vanadium /110/ surfaces. 15 p2504 A67-29881
- HOOKER, W. J.**
Techniques for conducting shock tube experiments with mixtures of ultrafine solid particles and gases. 20 p3414 A67-36516
- HOOKER, W. W.**
Gravitational equilibria of a rigid body containing symmetric rotors. 02 p0268 A67-12385
- HOOKS, L. E.**
Simplified magnetoaerodynamic flow relations for axisymmetric blunt bodies. 10 p1591 A67-23114
- HOOLE, B. J.**
The use of a hot-wire anemometer in turbulent flow. 19 p3230 A67-35523
- HOOLEY, R. F.**
Comparison and evaluation of stiffness matrices. 04 p0709 A67-14813
- HOOPER, C. F., JR.**
Relaxation theory of spectral line broadening in plasmas. 15 p2532 A67-30380
- HOOPER, E. B., JR.**
Laser interferometer for repetitively pulsed plasmas. 02 p0241 A67-11875
- HOOPER, W. W.**
Effect of surface fields on the breakdown voltage of planar silicon p-n junctions. 13 p2079 A67-26873
An epitaxial GaAs field-effect transistor. 19 p3196 A67-35629
- HOOVER, C. T.**
Design and fabrication techniques for filament wound pressure vessels. 06 p1006 A67-17822
- HOOVER, I. H.**
A system solution to the aircraft noise problem. [AIAA PAPER 67-761] 23 p3933 A67-40992
- HOOVER, J. C.**
Nonreciprocal YIG filters. 22 p3772 A67-39905
- HOPENFELD, J.**
Electrochemical machining - Prediction and correlation of process variables. [ASME PAPER 66-PROD-5] 03 p0432 A67-13833
- HOPFIELD, J. J.**
Electronic Raman scattering by acceptors in GaP. 04 p0673 A67-14477
Optical properties and infrared emission of the moon. 08 p1387 A67-20960
Effects of electron-electron interactions on the optical properties of metals. 23 p4037 A67-40760
- HOPKIN, V. D.**
Human factors in air traffic control displays. 13 p2064 A67-27563
An evaluation of a new data input device - The Johnson touch display. 24 p4152 A67-41780
- HOPKINS, A. K.**
Hyper-velocity crater size and target strength. 02 p0338 A67-12034
- HOPKINS, A. L.**
Electronic navigator charts man's path to the moon. 05 p0809 A67-17550
- HOPKINS, B. J.**
Oxygen tension - A determinant of radiosensitivity in the chick embryo. 17 p2806 A67-31962
- HOPKINS, C. L.**
The amount of sensitivity test data required to verify nonnormality in a sample population. 16 p2634 A67-31525
- HOPKINS, D. F.**
Two-dimensional incompressible fluid jet penetration. 20 p3422 A67-36845
- HOPKINS, H. B.**
Theory and experimental results of a detonation tube technique for simulating rocket plumes in a space environment. 24 p4253 A67-42029
- HOPKINS, H. G.**
Radio tracking at Winkfield. 18 p3048 A67-34240
- HOPKINS, H. H.**
The use of diffraction-based criteria of image quality in automatic optical design. 06 p1030 A67-17573
- HOPKINS, M. M., JR.**
An approach to the classification of meteorological satellite data. 10 p1676 A67-22820
- HOPKINS, N. J.**
Cost-effectiveness of a surveillance device for an anti-aircraft weapon system. 03 p0538 A67-13695
- HOPKINS, V.**
Lubrication review - A digest of the literature for 1965. [ASME PAPER 66-WA/LUB-8] 04 p0629 A67-15349
Development of polyimide imide bonded solid lubricants. [ASLE PREPRINT 67AM 7A-1] 14 p2326 A67-28789
Plasma spraying - A new method of applying solid film lubricants. [ASLE PREPRINT 67AM 7A-4] 14 p2326 A67-28792
Development of polyimide bonded solid lubricants. 19 p3233 A67-34790
- HOPMAN, H. J.**
Evidence for a coherent deceleration of an electron beam during the electron plasma frequency instability. 11 p1827 A67-23890
Parameter dependence of low and high frequency instabilities in a beam-plasma experiment. 11 p1837 A67-24400
Excitation of ion oscillations by beam-plasma interaction. 14 p2360 A67-28553
- HOPMANN, H.**
Rocket engines and gas generators using hydrazine as a single-component fuel /Ueber Raketentriebwerke und Gaserzeuger mit Hydrazin als Monergol/. 18 p3106 A67-33459
- HOPMANN, J.**
Accuracy of lunar relative height values - New values for 163 points /Die Genauigkeit der Angaben von relativen Höhen auf dem Monde - Neue Werte fuer 163 Punkte/. 04 p0700 A67-15177
New selenographic researches /Nouvelles recherches selenographiques/. 08 p1396 A67-21166
What can we say about the shape of the moon/ques/. 18 p3130 A67-34319
- HOPMANN, W.**
Rapid recording of luminous density distribution of decaying plasmas /Schnelle Registrierung der Leuchtdichteverteilung abklingender Plasmen/. 04 p0672 A67-15653
- HOPNER, E.**
A vestigial-sideband FM modem. 02 p0201 A67-12119
- HOPPE, W.**
Crack propagation in clad aluminum alloy sheet under constant and random amplitude fatigue loading. 24 p4170 A67-41949
- HOPPEL, W. A.**
Theory of the electrode effect. 16 p2664 A67-30974
- HOPPMANN, R. F.**
Cold electrode characteristics in shock-ionized air plasmas. 12 p1974 A67-25401
The performance of a shock tube driven by arc-heated hydrogen. 21 p3605 A67-37769

- HOPPMANN, W. H., II**
Flexural vibration of circularly stiffened inertial plates with consideration of rotatory inertia. 23 p4073 A67-40613
- HORA, H.**
Acceleration of an inhomogeneous plasma by laser beams /Beschleunigung von inhomogenen Plasmen durch Laserlicht/. 12 p1969 A67-25198
- HORACEK, VL.**
Ballistocardiographic analysis, dual Masterov examination, and glucose study of middle-aged pilots - Evaluation of the tests and comparison with clinical results /Ballistokardiograficke vysetreni, dvojita Masterova zkouska s glukosou u pilotu stredniho veku - Validita zkousek a srovnani s klinickym nalezem/. 14 p2255 A67-28223
- HORAK, Z.**
Cosmological importance and appropriate methods of spacecraft measurement of the optical metagalactic radiation. 20 p3526 A67-37127
- HORAN, J. F.**
Model 747 airport requirements. [AIAA PAPER 67-384] 15 p2468 A67-30353
- HORANOFF, E. V.**
Wind tunnel Magnus measurements at the Naval Ordnance Laboratory. [AIAA PAPER 66-753] 14 p2292 A67-28132
- HORD, J.**
Response of pneumatic pressure-measurement systems to a step input in the free molecule, transition, and continuum flow regimes. 24 p4155 A67-42293
- HORD, R. M.**
A nanosecond laser sensitizer. 17 p2858 A67-32482
- HORDON, M. J.**
Fatigue behavior of aluminum in vacuum. 01 p0092 A67-10053
Temperature dependence of the fatigue transition pressure for aluminum. 06 p1019 A67-18561
Fatigue apparatus for extreme high vacuum. 10 p1658 A67-23781
Adhesion of lunar soil simulated by rock comminuted in vacuum. 24 p4227 A67-42034
- HORI, G.-I.**
The effect of radiation pressure on the motion of an artificial satellite. 06 p1081 A67-17787
- HORI, M.**
Comparison of various statistical models for fracture. 16 p2771 A67-31294
- HORIBA, Y.**
Effect of magnetic field on density distribution of injected plasma in semiconductor rods. 09 p1552 A67-21761
- HORIGUCHI, Y.**
The formation of tungsten and aluminum carbides by explosive shock. 03 p0440 A67-12927
A new ferrite-diode device and its applications. 22 p3774 A67-40459
- HORIKOSHI, J.**
A proposal for improvement of flying qualities of piloted airplanes - Extension of the concept "control force vs airplane response" - Reduced stiffness method applied to elevator control system. 11 p1744 A67-24578
- HORING, N. J.**
Magnetic field effects on the static shielding of an impurity charge by an electron plasma. 06 p1071 A67-18989
- HORIO, T.**
Upper hybrid resonant heating in a slightly ionized plasma. 03 p0477 A67-13360
Temperature dependence of the electron collision frequency in an afterglow plasma. 21 p3667 A67-38414
- HORIUCHI, S.**
Electrical conduction through thin films of tantalum oxide. 05 p0862 A67-16525
- HORIYE, H.**
Study of n-and p-type silicon exposed to highly energetic radiation. 04 p0684 A67-15689
- HORLOCK, J. H.**
Circumferential asymmetry in axial flow compressors. 01 p0008 A67-11272
Effect of shear flows on the outlet angle in axial compressor cascades - Methods of prediction and correlation with experiments. 04 p0548 A67-15387
The design of subsonic diffusers for centrifugal compressors using potential flow theory. [ASME PAPER 66-WA/GT-9]
- 04 p0550 A67-15938
Asymmetric heat transfer in turbulent flow between parallel plates. 15 p2469 A67-29133
A simple method for predicting the performance of cascades of low solidity. 21 p3566 A67-39079
- HORMAN, M. H.**
Zone plate theory based on holography. 07 p1185 A67-19401
- HORMUTH, W.**
Transmitting media /Uebertragungsmittel/. 07 p1141 A67-19340
- HORN, G.**
Satellite stabilization with the aid of the earth's magnetic field /Zur Stabilisierung eines Satelliten mit Hilfe des Erdmagnetfeldes/. 01 p0153 A67-10210
- HORN, H. J.**
Optimization problems caused by interaction of guidance and propellant systems. [AAS PAPER 66-117] 07 p1222 A67-19975
Optimization problems caused by interaction of guidance and propellant systems. [AAS PAPER 66-117] 13 p2155 A67-27532
Iterative guidance applied to generalized missions. [AIAA PAPER 67-620] 19 p3260 A67-36009
- HORN, K. L.**
Application of multipactor in a T-R switch. 03 p0383 A67-13827
- HORN, K. P.**
Radiative behaviour of a shock-heated argon plasma flow. 15 p2527 A67-29563
Evaporation of a droplet in free molecular flow. 19 p3211 A67-35782
- HORN, P.**
Construction of laser-diode impulse generators by means of four-layer diodes and thyristors /Aufbau von Laserdioden-Impulsgeneratoren mittels Vierschichtdioden und Thyristoren/. 21 p3639 A67-37945
- HORNBACHER, D.**
Heat flux measurement with narrow view angle radiometers. 01 p0069 A67-11021
- HORNBOGEN, E.**
The formation of coherent ordered precipitates in a Ni-Cr-Al-alloy /Die Bildung von kohärenten geordneten Teilchen in einer Nickel-Chrom-Aluminium-Legierung/. 12 p1954 A67-25344
Structure and mechanical properties of an iron-nickel-base alloy with aluminum and titanium additions after various thermal and thermomechanical treatments /Gefüge und mechanische Eigenschaften einer Legierung auf Eisen-Nickel-Basis mit Aluminium- und Titanzusätzen nach verschiedener thermischer und thermomechanischer Behandlung/. 19 p3247 A67-35834
- HORNBY, J. M.**
The structure of the magnetic field in the local spiral arm. 05 p0902 A67-17288
- HORNE, R. S.**
Development of a semi-automatic fatigue evaluation system for transport aircraft. 18 p3142 A67-33897
- HORNE, W. B.**
Skidding accidents on runways and highways can be reduced. 19 p3173 A67-35930
- HORNE, W. E.**
Correlation of electron-induced changes in transistor gain with components of recombination current. 04 p0588 A67-15705
- HORNER, F.**
Atmospheric noise and its influence on communications. 14 p2266 A67-28416
- HORNICK, R. J.**
A study and review of human response to prolonged random vibration. 14 p2257 A67-28660
- HORNING, R. R.**
System performance in electro-optical telemetry. 17 p2817 A67-32931
- HORNUNG, H. G.**
Inviscid hypersonic flow over plane power-law bodies. 08 p1277 A67-20708
- HOROWITZ, F. A.**
Flame spreading over the surface of igniting solid rocket propellants and propellant ingredients. 06 p1073 A67-18852
- HOROWITZ, I. M.**
Capacitance reduction in active RC synthesis. 20 p3409 A67-37109
- HOROWITZ, N. H.**
Planetary contamination. 10 p1601 A67-23579
Contamination of planets. 19 p3178 A67-35896
- HOROWITZ, S. J.**
A model for concentrated interstitial solid solutions - Its application to solutions of carbon in gamma iron. 13 p2131 A67-26574
- HORRIGAN, D. J., JR.**
Physiological assessment of ventilated wet suits under different environmental conditions. 23 p3987 A67-41614
- HORSEWOOD, J. L.**
Interplanetary trajectory analysis for combined high and low-thrust propulsion systems. [AAS PAPER 66-128] 07 p1241 A67-19987
Interplanetary trajectory analysis for combined high-and low-thrust propulsion systems. [AAS PAPER 66-128] 13 p2214 A67-27539
- HORSLEY, A. W.**
Improving performance and functional flexibility of thin-film and semiconductor integrated circuits. 08 p1301 A67-20791
Measurement of dispersion and interaction impedance characteristics of slow-wave structures by resonance methods. 09 p1476 A67-22212
- HORSNELL, J. R.**
The SST flight control system concept. [AIAA PAPER 67-570] 19 p3174 A67-35966
- HORST, R. B.**
Shubnikov-de Haas investigations of the Bi sub 1 sub -x Sb sub x /0 less than x less than 0.3/ system. 06 p1070 A67-18983
- HORST, W.**
Cup anemometer coupled to a constant rotational velocity /Ein an eine konstante Umlaufgeschwindigkeit gekoppeltes Schalenkreuz/. 06 p1006 A67-18836
- HORSTEIN, M.**
On the design of signals for sequential and nonsequential detection systems with feedback. 06 p0862 A67-17944
- HORSTMAN, C. C.**
Free-flight measurements of aerodynamic viscous effects on lifting reentry bodies. [AIAA PAPER 67-165] 06 p0941 A67-18507
Free-flight measurements of aerodynamic viscous effects on lifting re-entry bodies. [AIAA PAPER 67-165] 19 p3169 A67-34818
- HORSTMAN, H. M.**
The determination of the orientation of a uniformly rotating or rapidly rotating vehicle utilizing the outputs from solar sensors and a lateral magnetometer. 08 p1409 A67-20538
- HORSZOWSKI, S. M.**
A pulse method for measuring the electrical resistance of semiconducting diamond. 12 p1939 A67-25332
- HORTON, B. H.**
Rocket determination of the night ozone distribution and the lunar ultraviolet flux. 10 p1638 A67-23203
- HORTON, J. B.**
High-power frequency multiplication using beam lead varactors in arrays. 17 p2826 A67-32623
- HORTON, M. C.**
The digital elliptic filter - A compact sharp-cutoff design for wide bandstop or bandpass requirements. 15 p2444 A67-29453
- HORTON, M. D.**
Depressurization induced extinction of burning solid propellant. 15 p2582 A67-29998
- HORTON, T. E.**
Influence of atmospheric composition on hypersonic stagnation-point convective heating. [AIAA PAPER 66-29] 05 p0928 A67-17337
On the determination of the view function to the images of a surface in a nonplanar specular reflector. [JPL-TR-32-939] 15 p2516 A67-29131
Effect of uncertainties in transport properties on prediction of stagnation-point heat transfer. 17 p2793 A67-33025
- HORTON, W. H.**
The buckling behavior of uniformly heated thin circular cylindrical shells. 01 p0163 A67-11013
On the applicability of the Southwell plot to the interpretation of test data from instability studies of shell bodies. 10 p1728 A67-23763
The analysis of experimental data obtained from stability studies on elastic column and plate structures. 11 p1874 A67-24224
- HORTON, W. L.**
VATE progress report. 03 p0399 A67-14208
- HORVATH, C. G.**
Utilization of system employing the selective permeation of helium through a

- unique membrane of teflon as an interface for gas chromatograph and mass spectrometer. 10 p1802 A67-22946
- The analysis of complex organic compounds by fast-electrical-scanning high-resolution mass spectrometry and gas chromatography. 14 p2259 A67-28425
- HORVATH, D. G.**
A wide-band solid-state I.F. repeater for communications satellites. 06 p0960 A67-17682
- HORVATH, J. J.**
Some observations on the thermal behavior of the mesosphere. 19 p3226 A67-35924
- HORVATH, S. M.**
Cellular biochemistry and organ mass of cold- and heat-acclimated monkeys. 04 p0560 A67-14582
- HORWITZ, S.**
A temperature compensated electronically controlled ferrite attenuator. 17 p2825 A67-32524
- HOSHIZAKI, H.**
Convective and radiative heat transfer during superorbital entry. [AIAA PAPER 66-106] 05 p0928 A67-17336
- Measurements of the total radiant intensity of air. [AIAA PAPER 67-311] 12 p2036 A67-26026
- Convective and radiative heat transfer to an ablating body. [AIAA PAPER 67-327] 12 p2038 A67-26041
- HOSINSKY, G.**
A spectacular activation of a prominence on March 25, 1967. 23 p4060 A67-41234
- HOSKING, R. J.**
Stability of a self-gravitating plasma cylinder including Hall effect. 13 p2163 A67-26285
- Incompressible resistive "tearing" instability in the hard-core pinch. 22 p3848 A67-39695
- HOSKINS, W. R.**
Apollo hybrid real-time simulation. [AIAA PAPER 67-255] 07 p1166 A67-20071
- HOSLER, W. R.**
Experimental evidence concerning the conduction band of SrTiO sub 3. 06 p1059 A67-18906
- Shubnikov-de Haas effect in SrTiO sub 3. 18 p3104 A67-34592
- Superconductive properties of ceramic mixed titanates. 19 p3302 A67-35037
- Hall mobility in SrTiO sub 3. 22 p3863 A67-40002
- HOSNY, A. N.**
Propulsion systems. 10 p1698 A67-23689
- HOSOKAWA, I.**
Functional approach to classical non-equilibrium statistical mechanics. 12 p1962 A67-26174
- HOSOKAWA, M.**
Observation of an instability in a hot electron plasma. 04 p0663 A67-14621
- Shell structure of a hot-electron plasma. 22 p3854 A67-40243
- HOSONO, T.**
Calculation of attenuation constant of model helix waveguide. 10 p1606 A67-23064
- HOSPODAR, J.**
In-flight monitoring of pilots by telemetry /Radiotelemetricke mereni pilotu za letu/. 09 p1457 A67-22461
- HOTCHIN, J.**
The survival of micro-organisms in space - Further rocket and balloon-borne exposure experiments. 15 p2424 A67-29097
- The biological effectiveness of solar electromagnetic radiation in space. 19 p3177 A67-35184
- Panspermia revisited, or have we already contaminated Mars/ques/. 19 p3178 A67-35221
- The survival of terrestrial microorganisms in space at orbital altitudes during Gemini satellite experiments. 19 p3178 A67-35223
- HOTSTON, E. S.**
A simple 4 mm microwave receiver for plasma scattering experiments. 06 p1000 A67-17617
- HOTTEL, H. C.**
Radiative transfer in an absorbing-scattering medium. 04 p0737 A67-15862
- The role of scatter in determining the radiative properties of surfaces. 11 p1817 A67-24052
- Mixedness in the well-stirred reactor. 18 p3154 A67-33833
- Radiative transfer in anisotropically scattering media - Allowance for Fresnel reflection at the boundaries. [ASME PAPER 67-HT-19] 20 p3545 A67-38714
- HOTTNER, T.**
Aerodynamic tests with spheres at high supersonic speeds in a tube wind tunnel /Aerodynamische Untersuchungen an Kugeln bei hohen Ueberschallgeschwindigkeiten im Rohrwindkanal/. 07 p1127 A67-20121
- HOTZ, D. F.**
Linewidths observed in a Zeeman scanned laser amplifier. 13 p2129 A67-27485
- HOUDARD, R.**
Aerodynamic damping and frequency drift of turbomachine blades /Amortissement aerodynamique et glissement de frequence des aubes de turbomachines/. 13 p2051 A67-27205
- HOUBOLT, J. C.**
Rendezvous problem. 06 p1082 A67-17790
- An assessment of rendezvous accomplishments. 06 p1098 A67-18649
- HOUCHEMS, A. F.**
Bidirectional reflectance of rough metal surfaces. [AIAA PAPER 67-319] 12 p2037 A67-26034
- HOUGH, G. R.**
A numerical study of the fluctuating flowfield of a uniformly loaded propeller. 06 p0937 A67-18004
- HOUGH, R. L.**
Generation of a two-dimensional silicon carbide lattice. 01 p0103 A67-10688
- Boron carbide filaments from organoboranes. 03 p0454 A67-13421
- Continuous silicon carbide filaments. 21 p3648 A67-37881
- HOUGHTON, A.**
Ultrasonic attenuation in dirty superconductors. 16 p2729 A67-31059
- HOUGHTON, J. T.**
Infra-red physics. 08 p1353 A67-20762
- Remote temperature sensing of the earth's atmosphere using a selective chopper radiometer. 22 p3805 A67-40356
- HOUGHTON, W. T.**
Numerical solution of the Navier-Stokes equation for flow past spheres. II. 12 p1927 A67-25283
- HOULIHAN, R. T.**
Adaptation to increased oxygen tension at ambient pressures. 23 p3950 A67-41538
- HOULT, D. P.**
Dispersive waves in the upper atmosphere. 10 p1639 A67-23206
- A summary of blunt probe theory and experimental results. 19 p3218 A67-35213
- D-region mobility spectrometer. 22 p3799 A67-39816
- HOUMINER, Z.**
Magnetic field-aligned ionization layers observed by Faraday rotation of satellite signals. 23 p3996 A67-40818
- HOUNKANLIN, A. M.**
Electronic measurement of flow velocities in a shock tube /Mesure electronique des vitesses d'ecoulement dans un tube a choc/. 17 p2855 A67-32287
- HOUSE, H. O.**
The mass spectra of derivatives of 3-azabicyclo /3.2.1/ octane, 3-azabicyclo /3.3.1/ nonane, and 8-azabicyclo /4.3.1/ decane. 09 p1458 A67-22057
- HOUSE, L. L.**
Relaxation effects in an initially non-Maxwellian high-temperature theta-pinch. 13 p2163 A67-26288
- K-alpha X-ray-type transitions in the solar atmosphere and laboratory plasma. 19 p3331 A67-36086
- Additional resonance lines of highly ionized sulfur, chlorine, argon, and potassium. 20 p3528 A67-37478
- HOUSTON, B.**
The Fermi surface of tin telluride - Shubnikov-de Haas effect. 06 p1065 A67-18950
- HOUSTON, J. M.**
The thermionic emission of Hf, Th, and Ti in Cs vapor. 09 p1450 A67-22353
- The plasma physics of thermionic converters. 22 p3747 A67-39342
- HOUSTON, R. E.**
Some observations of the cosmic-ray event of April 18, 1965. 04 p0693 A67-14973
- HOUTGAST, J.**
The geomagnetic activity around conjunction and opposition of planets. 21 p3711 A67-39004
- HOUTMAN, W.**
Dynamic testing of crushable materials for impact attenuation systems. 12 p1956 A67-25731
- HOUYVET, A.**
Characteristics of an ideal leak-detection unit /Qualites d'un groupe ideal de detection de fuites/. 04 p0556 A67-15630
- HOUZIAUX, L.**
UV photometry of galactic clusters from artificial satellites - The case of the Praesepe cluster /Photometrie ultraviolette des amas galactiques a partir de satellites artificiels - Cas de l'amas de Praesepe/. 06 p1077 A67-18065
- HOVANESIAN, J. D.**
Similarity in thermoelasticity. 07 p1262 A67-19413
- HOVDA, R. E.**
High-frequency analog circuits. 05 p0776 A67-17039
- HOVELL, P. B.**
Flight strain measurements and structural integrity of aircraft. 11 p1880 A67-25058
- HOVESTADT, D.**
Results of a flight of the Rubis experimental rocket /Ergebnisse des Fluges einer Rubis-Forschungsrakete/. 16 p2738 A67-31017
- HOVIS, W. A., JR.**
Filter wedge spectrometer for field use. 15 p2491 A67-30430
- Spectral measurements from 1.6 mu to 5.4 mu of natural surfaces and clouds. 19 p3225 A67-35690
- HOVLAND, L. W.**
Adhesives for aluminum. 06 p1020 A67-18062
- HOVNANIAN, H. P.**
Detection and epistemology of biotic signatures. 06 p0954 A67-19017
- HOWARD, C. R.**
The response of launch vehicles to nonstationary random transonic buffeting excitation. 22 p3907 A67-40187
- HOWARD, H. T.**
Cislunar electron content as determined by radar group delay measurements. 15 p2555 A67-29611
- Bistatic-radar detection of lunar scattering centers with Lunar Orbiter I. 17 p2817 A67-33364
- HOWARD, I. C.**
Finite simple waves in a compressible transversely isotropic elastic solid. 01 p0162 A67-10847
- HOWARD, J.**
The lateral dynamic stability equations in terms of an equivalent aircraft in level flight without inertial cross coupling. 06 p0949 A67-18597
- The determination of lateral stability and control derivatives from flight data. 10 p1595 A67-23551
- HOWARD, J. C.**
Computer formulation of the equations of motion using tensor notation. 22 p3827 A67-39418
- HOWARD, J. E.**
Statistical patterns of a general array. 09 p1470 A67-21591
- HOWARD, J. H. G.**
Analytical theory of secondary flow in a centrifugal impeller. 03 p0402 A67-13337
- HOWARD, J. N.**
Geophysics instrumentation. 17 p2860 A67-32892
- Atmospheric optics and radiation transfer. 20 p3430 A67-36899
- HOWARD, L.**
An approximate normal mode method for damped lumped parameter systems. [ASME PAPER 67-VIBR-2] 11 p1871 A67-24164
- HOWARD, L. N.**
Hydrodynamic stability of parallel flow of inviscid fluid. 08 p1319 A67-20309
- Solar spin-down problem. 17 p2940 A67-32208
- HOWARD, L. R.**
Overall analysis of commercial V/STOL systems. [AIAA PAPER 67-969] 24 p4260 A67-43047
- HOWARD, P.**
Effects of simulated weightlessness upon the cardiovascular system. 17 p2805 A67-31952
- HOWARD, R.**
The structure of the solar chromosphere. II. 03 p0514 A67-14312
- The development of sunspot groups and the supergranular pattern. 13 p2204 A67-27434
- Velocity fields in the solar atmosphere. 19 p3324 A67-35434
- HOWARD, W. E.**
Oscillatory magneto-conductance in Si

- surfaces. 06 p1063 A67-18940
- HOWATSON, A. M.**
Electrical measurements on a moving argon plasma. 09 p1540 A67-21786
- HOWDEN, W. E.**
Developments toward an improved sealed Ni-Cd battery. 09 p1445 A67-22177
- HOWE, J. T.**
Spectral radiative transfer approximations for multicomponent gas mixtures. 21 p3730 A67-37825
- HOWELL, C. M.**
Gallium arsenide Schottky mixer diodes. 10 p1615 A67-23527
- HOWELL, J. A.**
Optimal and dynamic characteristics of a continuous photosynthetic algal gas exchanger. 02 p0186 A67-11861
Continuous synchronous culture of photosynthetic micro-organisms. 19 p3177 A67-34913
- HOWELL, J. R.**
Directional radiative characteristics of conical cavities and their relation to lunar phenomena. [AIAA PAPER 65-669] 03 p0508 A67-13049
Incipience, growth, and detachment of boiling bubbles in saturated water from artificial nucleation sites of known geometry and size. 04 p0734 A67-15847
Thermal radiation from a gas not in local thermodynamic equilibrium. [ASME PAPER 67-HT-51] 20 p3548 A67-38733
- HOWES, W. L.**
Optical interferometry of inhomogeneous gases. 03 p0423 A67-13908
Farfield spectrum of the sonic boom. 13 p2055 A67-27703
- HOWEY, D. C.**
A two-dimensional study of miniaturized calorimetric techniques for extreme stagnation heating rates - /3,000-10,000 BTU/ft super 2 sec/. 01 p0070 A67-11033
- HOWISON, J. F.**
Recent developments in neutralization of meteorological rocket falling mass hazards. 08 p1407 A67-20520
- HOWLAND, J. W.**
Microwave radiation and its effect on response to X-radiation. 10 p1599 A67-23815
- HOWSON, D. P.**
The space-charge varactor and its applications. 15 p2449 A67-29804
- HOWZE, H. H.**
Cobra. 23 p3932 A67-40619
- HOYAUX, M.**
Plasma physics and the solid state of a material /La physique des plasmas et l'etat solide de la matiere/. 12 p1980 A67-25202
- HOYAUX, M. F.**
Improvements on a device for plotting electrostatic probe characteristics in variable plasmas. 12 p1947 A67-26122
Fast-randomization phenomena in an unstable plasma-sac configuration. 22 p3844 A67-39357
- HOYER, S.**
Ion engine spacecraft design study and mission analysis. [AIAA PAPER 67-87] 06 p1074 A67-18342
- HOYLE, F.**
The problem of the quasi-stellar objects. 04 p0695 A67-14514
Some restrictions on models of quasi-stellar objects. 04 p0701 A67-15544
Relation between the red-shifts of quasi-stellar objects and their radio magnitudes. 05 p0898 A67-16923
Gravitational red-shifts in quasi-stellar objects. 07 p1250 A67-19664
On some coincidences between wavelengths of absorption features in HZ 29 and in quasi-stellar objects. 11 p1862 A67-24507
On the synthesis of elements at very high temperatures. 12 p2010 A67-26239
Origin of low energy cosmic rays from outside the solar system. 24 p4209 A67-41874
- HOYT, L. A.**
Computer driven displays speed evaluation of carrier aircraft landings. 07 p1164 A67-19623
- HOYT, P. L.**
Investigation of voltage breakdown in semi-insulating GaAs. 19 p3308 A67-36040
- HRASTAR, J.**
The design of a microthruster test stand. [ASME PAPER 66-WA/AUT-8] 04 p0599 A67-15390
- HREN, J. J.**
Computer simulation of field ion images. 17 p2887 A67-32205
- Fiber optics in field ion microscopy. 17 p2883 A67-33354
- Field ion microscopy of Ni-Mo alloys. 18 p3065 A67-34384
- Computer-simulated ion-emission images of dislocations - Screw dislocation at the center of /420/. 19 p3286 A67-35603
- A method for indexing field ion micrographs. 24 p4154 A67-42173
- HRIBAR, V. F.**
Where nonmetallic composites are used. 10 p1671 A67-23013
- HRIVNAK, L.**
The influence of screened electron-phonon interaction on the mobility of carriers in semiconductors. 20 p3509 A67-36433
Absorption of ultrasound in indium antimonide. 24 p4202 A67-41980
- HRUBY, A.**
Electric and thermoelectric effects in a solid solution of Zn sub x Cd sub 1 sub -x Sb. 15 p2540 A67-30029
- HRUBY, R. J.**
Spectral dependence of deep-space communications capability. 22 p3764 A67-40558
- HRUSKA, A.**
Magnetospheric regions of amplification of VLF emissions and micropulsations. 13 p2115 A67-26858
- HRUSKOVA, J.**
The influence of the structure of the ionosphere on pc3 micropulsations. 13 p2114 A67-26856
- HRYSKAK, P.**
The upper and the lower bound on the albedo for satellite applications. 12 p2003 A67-25684
- HRYNZUK, J.**
Theory of the magnetothermoelastic explosion mechanism of wire under the effect of a high-intensity current surge /Teoria magneto-termo-sprezystego mechanizmu eksplozji drutu poddanego udarowi pradowemu wielkiej mocy/. 08 p1354 A67-21046
- HSIA, H. M.**
Radiative heat transfer between parallel plates separated by a nonisothermal medium with anisotropic scattering. [ASME PAPER 66-WA/HT-28] 04 p0725 A67-15441
- HSIAO, C. C.**
Anisotropic relaxation functions and strength of oriented solids. 02 p0297 A67-11873
Influence of reforming processes on the fracture strength of solids. 08 p1423 A67-21302
On deformation and strength. 16 p2771 A67-31295
On internal fracture of solids. 16 p2773 A67-31315
- HSIEH, H. C.**
Cutoff conditions for transverse circularly polarized electromagnetic waves in a finite temperature electro-magneto-ionic medium. 22 p3788 A67-39469
- HSIEH, S.**
Precious metal abundances in some carbonaceous and enstatite chondrites. 24 p4233 A67-42617
- HSIN, H.-S.**
A statistical theory of brittle fracture. 05 p0919 A67-16504
A statistical theory of brittle fracture. 20 p3541 A67-37318
- HSING, I.-J.**
Influence of magnetic field on surface field-effect in germanium. 15 p2533 A67-29263
- HSU, H. W.**
A study of the relationship between the incipient cavitation number and the Reynolds number. 22 p3787 A67-40176
- HSU, L. C.**
Melting of fayalite up to 40 kilobars. 21 p3617 A67-38190
- HSU, L.-C.**
Synthesis of ultrahigh molecular weight poly(ethylene terephthalate)/. 24 p4176 A67-42467
- HSU, S. E.**
Strengthening of sapphire by precipitates containing titanium. 12 p1987 A67-26190
- HSU, S. K.**
Kinetic theory of heat transfer for a gas with internal degrees of freedom. 13 p2100 A67-26959
- HSU, S. T.**
Noise in space-charge-limited solid-state devices. 06 p0971 A67-18224
- HSU, T.-Z.**
Grain boundary relaxation of molybdenum and the mechanism of the embrittling effect of interstitial impurity additions. 05 p0829 A67-16505
- HSU, Y. C.**
Non-Newtonian flow in infinite-length full journal bearing. 05 p0810 A67-16274
Effect of couple-stresses on force transfer between embedded microfibers. 14 p2398 A67-28100
- HSU, Y. Y.**
The effect of a vertical magnetic induction on the nucleate boiling of mercury over a horizontal surface. [AICHE PAPER 20] 20 p3552 A67-36830
- HSU, Y.-Y.**
Temperature distribution in a fin partially cooled by nucleate boiling. 22 p3919 A67-40387
- HU, B.-L.**
Vibrational energy transfer in CO sub 2 lasers. 18 p3060 A67-34027
- HU, C.-W.**
A differential D.C. amplifier with ultra high input impedance. 05 p0773 A67-16512
- HU, L. W.**
Radiation effects on creep rupture and fatigue strength of pure aluminum. 13 p2133 A67-27090
- HU, P. N.**
Kinetic model for three-component plasmas with ionization. 03 p0484 A67-14037
Collisionless theory of a plasma sheath near an electrode. 05 p0857 A67-17424
- HU, S. S.**
New approaches for mapping of the "field of fluctuations" by electromagnetic techniques. 22 p3884 A67-39949
- HU, S. S.-C.**
A new technique for fast generation of guidance signals for long-range, wide-angle turn powered space flight, and a comparative analysis of classical solution and seven current operational schemes for generating guidance signals. 22 p3832 A67-40145
- HU, W. C. L.**
Elastic response of thin spherical shells to axisymmetric blast loading. [ASME PAPER 66-APM-EE] 04 p0718 A67-15918
- An experimental and analytical study of vibrations of joined shells. [AIAA PAPER 67-72] 06 p1104 A67-18496
- An experimental study and inextensional analysis of vibrations of free-free conical shells. 10 p1718 A67-23455
- Experimental and analytical study of vibrations of joined shells. [AIAA PAPER 67-72] 12 p2030 A67-25916
- HUANG, A. B.**
Rarefied gas channel flows for three molecular models. 08 p1355 A67-21117
The discrete ordinate method for unsteady linearized Boltzmann Bhatnagar-Gross-Krook equation. 08 p1324 A67-21409
Evaluation of the integral infinity to zero u super m e super -u super 2 -x/u du by the discrete ordinary method. 12 p1862 A67-26192
Rarefied gas flow between parallel plates based on the discrete ordinate method. 13 p2092 A67-26277
The discrete ordinate method for the linearized boundary value problems in kinetic theory of gases. 13 p2101 A67-26962
Rayleigh's problem at low Mach numbers based on kinetic theory. 15 p2473 A67-30214
- HUANG, C.-M.**
A study of the noon electron density variation of the F2-layer at low latitudes. 03 p0415 A67-14111
A new method of obtaining an ionospheric index of solar activity from the F2 layer critical frequencies. 14 p2311 A67-28375
- HUANG, F. C. C.**
On precession and critical speeds of two-bearing machines with overhung weight. [ASME PAPER 67-VIBR-19] 11 p1796 A67-24178
- HUANG, J.-C.**
Large deflection of rectangular sandwich plates. 19 p3342 A67-35770
- HUANG, N. C.**
Thermomechanical coupling behavior of viscoelastic rods subjected to cyclic loading. [ASME PAPER 66-WA/APM-29] 04 p0714 A67-15423

- HUANG, P. C.
Determination of DNA base composition via depurination. 04 p0564 A67-14406
- HUANG, R. S.
Feasibility and design study of an unguided solar orbital launch vehicle. 08 p1404 A67-20493
- HUANG, S. L.
Numerical calculation of blast waves by the method of characteristics. 10 p1625 A67-23110
- HUANG, S.-S.
A theory of the origin and evolution of contact binaries. 09 p1588 A67-22367
On the mass-luminosity relation for spiral galaxies. 11 p1858 A67-23995
Rotating emission ring in binary systems. 17 p2944 A67-32640
- HUANG, T. C.
On precession and critical speeds of two-bearing machines with overhung weight. [ASME PAPER 67-VIBR-19] 11 p1796 A67-24178
- HUANG, T. S.
Digital picture coding. 02 p0208 A67-12167
Design considerations in PCM transmission of low-resolution monochrome still pictures. 11 p1791 A67-24712
The effect of BSC on PCM picture quality. 20 p3386 A67-37496
The combined use of digital computers and coherent optics in image processing. 24 p4125 A67-42438
- HUANG, Y. K.
Thermodynamics of shock compression of metals. 04 p0637 A67-14975
- HUBACHER, E. M.
Using a graphic data-processing system to design artwork for manufacturing hybrid integrated circuits. 19 p3188 A67-36061
- HUBBARD, E. W.
Expansion of uniform gas clouds into a vacuum. 06 p0993 A67-18890
- HUBBARD, H. H.
The nature, measurement, and control of sonic booms. 09 p1439 A67-21942
Research approaches to alleviation of airport community noise. 13 p2053 A67-26539
- HUBBARD, J. R.
A stabilized cross-correlation radiometer. 11 p1762 A67-24288
- HUBBARD, R. T. J.
Properties and applications of titanium alloys in the aeronautics industry /Proprietes et applications des allages de titane dans l'industrie aeronautique/. 14 p2338 A67-28628
- HUBBELL, H. S., JR.
The future of general aviation safety. [AIAA PAPER 66-812] 01 p0008 A67-10032
- HUBBELL, R.
Plasma spraying - A new method of applying solid film lubricants. [ASLE PREPRINT 67AM 7A-4] 14 p2326 A67-28792
- HUBENET, H.
Some remarks concerning the determination of solar abundances. 24 p4237 A67-42654
- HUBER, E.
Thermal stratification in gas-pressure fuel tanks /Thermische Schichtung in Treibstofftanks/. 04 p0720 A67-14577
- HUBER, F.
Field effect transistors based on silk screened CdS layers. 01 p0037 A67-10478
MOS transistors with anodically formed metal oxides as gate insulators. 15 p2442 A67-29171
- HUBER, F. R.
Coaxial precision connectors - Theory and realization. 02 p0213 A67-11648
- HUBER, H.
Capillary cesium-ion emitter - Application to thermionic converters /Emetteur capillaire d'ions de césium - Application a des convertisseurs thermioniques/. 04 p0664 A67-15015
- HUBER, R. W.
Fracture toughness and stress-corrosion cracking of some titanium alloy weldments. 24 p4161 A67-42329
- HUBERMAN, M. N.
Present status of colloid microthruster technology. [AIAA PAPER 67-531] 22 p3867 A67-39200
- HUBERT, D.
Calculation of the heating of a homogeneous imperfect Lorentz plasma by an electric field /Calcul de l'échauffement par un champ électrique d'un plasma homogène imparfaitement Lorentzien/. 19 p3295 A67-35418
- HUBERT, P.
Temporary trapping of charged particles in a static magnetic bottle. 22 p3849 A67-39697
- HUCHANT, J.-L.
NR fluidic elements for automatic control /Les éléments fluidiques NR pour commande automatique/. 12 p1896 A67-25104
- HUCHITAL, D. A.
Sub-threshold study of the azimuthal modes of the Kadomtsev plasma instability. 11 p1829 A67-24001
Transport phenomena in ionized gases as an initial value problem. 19 p3287 A67-35355
- HUCHO, W.-H.
Theoretical and experimental investigation on flexible wings /Theoretische und experimentelle untersuchungen an flexiblen Flügeln/. 03 p0351 A67-12992
- HUCKE, R. E.
Local stress measurement using the thermoelastic effect. 18 p3141 A67-33887
- HUCKER, D. J.
Development of a family of light weight short duration turbo-alternator power supplies. 24 p4107 A67-42532
- HUCKINS, E. K., III
Two approximate solutions of the hypersonic blunt-body problem. 14 p2244 A67-29056
- HUDDAR, B. B.
An improved radiosonde for the measurement of electric potential gradient in the atmosphere. 01 p0068 A67-10870
A method of estimating the vertical component of gusts in turbulence in the upper air. 10 p1676 A67-23065
- HUDDLE, J. R.
Estimation of the state vector of a linear stochastic system with a constrained estimator. 24 p4135 A67-42185
- HUDDLESTON, H. F.
Attempts to improve perceptual clarity in an aircraft display. 20 p3375 A67-36873
- HUELSCH, J. C.
Dynamic instability of undamped bellows face seals in cryogenic liquid. [ASLE PAPER 66AM 2C2] 08 p1336 A67-21039
- HUDGINS, H. E.
Supersonic flow around cones at zero incidence in equilibrium. 22 p3742 A67-40098
- HUDOCK, P.
High-mobility PbS and CdS films deposited under ultrahigh vacuum equilibrium conditions. 11 p1847 A67-24738
- HUDOCK, P. F.
A systems analysis approach to commuter airline planning. [AIAA PAPER 67-843] 24 p4259 A67-42981
- HUDOCK, R. P.
A systems analysis approach to commuter airline planning. [AIAA PAPER 67-843] 24 p4259 A67-42981
- HUDSON, A. C.
A nomogram for atmospheric radio refraction. 23 p3975 A67-41212
- HUDSON, G. E.
Progress in radio measurement methods and standards. 05 p0804 A67-16008
- HUDSON, H. S.
Observations of the isotropic component of cosmic X rays at balloon altitude. 04 p0693 A67-14963
- HUDSON, J. B.
Extended mass range operation of the monopole mass spectrometer. 06 p1000 A67-17747
Low-pressure physical adsorption and electron microscope study of the surface of annealed pyrolytic graphite. 06 p1020 A67-17988
Impurity effects on heterogeneous nucleation from the vapor - Selenium on glass. 11 p1821 A67-24992
- HUDSON, J.
Observation of adsorption and crystal nucleation by mass-spectrometric techniques. 23 p4043 A67-41355
- HUDSON, J. L.
A study of the accuracy of determination and prediction of satellite orbits. 15 p2441 A67-30165
- HUDSON, M. L.
Growth rate of flutter amplitude for stressed panels. 14 p2399 A67-28139
- HUDSON, R. G.
Effect of operating temperature on the vacuum emission stability of vapor-deposited tungsten clad UC-ZrC and UO sub 2. 09 p1449 A67-22347
- Effect of preferred crystal orientation and surface treatment on the work function of vapor-deposited tungsten. 09 p1451 A67-22357
- HUDSON, R. H.
Pressure oscillations in a combustor with dual-orifice fuel injection. [ASME PAPER 67-GT-23] 11 p1854 A67-24804
- HUDZOVIC, P.
Simultaneous stability and quality control of pulse regulation /Sucasna kontrola stabilnosti a kvaliteta impulznej regulacije/. 13 p2086 A67-26474
- HUEBENER, R. P.
Analog of the Nernst effect in the intermediate state of type I superconductors. 16 p2727 A67-30819
Nernst effect in superconducting films of tin and indium. 24 p4205 A67-43098
- HUEBNER, K.
Some remarks on Z-pinch onset in an electron-hole plasma in n-InSb. 18 p3096 A67-33523
Direct observation of z-pinch in electron-hole plasma in InSb at 0.8 A. 21 p3666 A67-38356
- HUEBNER, V. R.
Rapid free-film particle electrophoresis - A new clinical capability. 23 p3956 A67-41628
- HUEBNER, W.
The investigation of transient response in closed transmission systems /Die Untersuchung von Uebergangsfunktionen geschlossener Uebertragungssysteme/. 13 p2087 A67-26614
- HUEBNER, W. F.
Diminution of cometary heads due to perihelion passage. 10 p1703 A67-22719
- HUEGEL, H.
Investigations on plasma thrusters with thermal and self-magnetic acceleration. 08 p1375 A67-20574
Experimental investigations on cathodes of plasma thrusters with selfmagnetic acceleration. 19 p3297 A67-35600
- HUEHNERMANN, H.
Digital computing of the pattern of a photoelectric recording Fabry-Perot interferometer with adapted line-shapes. 20 p3440 A67-36357
- HUEMMER, H. J.
Magnetohydrodynamic angular inertial sensor. 08 p1331 A67-20697
- HUENE, D. R.
Adaptation of the ordinary tape recorder for routine auditory screening of civil aviation personnel. 18 p2993 A67-34725
- HUESER, J. E.
An apparatus for weight loss determinations in space environments. 15 p2466 A67-29543
- HUET, P.
Aerodynamic measurements in a plasma jet /Mesures aerodynamiques dans un jet de plasma/. 05 p0850 A67-16035
- HUEY, C. T.
The effect of entrance conditions and flow separation on diffuser performance. 10 p1627 A67-23557
- HUFF, H.
Field effect measurements on the A and B /111/ surfaces of indium antimonide. 05 p0862 A67-16604
- HUFFAKER, J. N.
Approximate electron radial functions for beta decay and analysis of super 12 B and super 12 N spectra. 20 p3488 A67-36915
- HUFFENUS, J. P.
Study of stratification similitude laws in liquid hydrogen. 13 p2186 A67-27643
- HUFFINGTON, N. J., JR.
Bending athwart a parallel-stiffened plate. 17 p2959 A67-32408
- HUFFMAN, F. N.
Multiple electrode thermionic converter analysis. 09 p1447 A67-22333
- HUFFMAN, J.
Mean droplet size for cross-stream water injection into a Mach 8 air flow. 11 p1779 A67-24366
- HUFFMAN, J. W.
Diffusion bonding of titanium sandwich structure for Saturn tank wall application. 10 p1661 A67-23702
- HUFFMAN, R. E.
Absorption spectrum of activated nitrogen in the 600-1100-angstrom units region. [AFRL-67-0109] 03 p0473 A67-13520
Absorption by atomic nitrogen in the

- extreme ultraviolet.
[AFRCL-66-835] 17 p2888 A67-32629
Photoionization study of diatomic-ion
formation in argon, krypton, and xenon.
[AFRCL-66-785] 17 p2888 A67-32631
- HUFFORD, G.**
On the computation of selected
eigenvalues. 04 p0644 A67-14866
- HUFFSTUTLER, R. G.**
The approximate solution of Riccati's
equation. 03 p0460 A67-13879
- HUG, D.**
Fabrication of filament wound boron
reinforced composites for re-entry vehicle
applications. 08 p1345 A67-20435
- HUG, W. F.**
Measured index of refraction for argon
plasma. 23 p4032 A67-40961
- HUGGETT, R. W.**
Multiple meson production by heavy
primary nuclei of cosmic origin and their
fragmentation products at energies above 10
super 12 ev. 20 p3518 A67-37092
- HUGGINS, R. W.**
Metastable measurements in flowing
helium afterglow. 08 p1356 A67-21300
- HUGGINS, W. H.**
Film animation by
computer. 08 p1299 A67-21050
- HUGH, T.**
"Suitable mean values" in one-dimensional
gas dynamics. 04 p0609 A67-15747
Some preliminary results for conical
diffusers with high subsonic entry Mach
numbers. 04 p0549 A67-15748
- HUGHES, A. J.**
Localized defects in
semiconductors. 15 p2534 A67-29325
- HUGHES, C.**
Preliminary investigation of the
mechanical behavior of three dimensionally
reinforced plastics. 03 p0451 A67-13401
- HUGHES, D. L.**
Characteristics of proportional fluidic
amplifiers. 08 p1280 A67-20446
- HUGHES, D. W.**
The temperature distribution in an H-
mode R.F. plasma torch. 06 p1039 A67-17825
- HUGHES, E. B.**
Neutron multiplicity monitor observations
during 1965. 20 p3452 A67-37407
- HUGHES, G. F.**
Pattern recognition preprocessing by
similarity functionals. 02 p0207 A67-12137
Feed-forward threshold logic nets for
digital switching and pattern
recognition. 21 p3588 A67-38182
- HUGHES, H. G.**
On the directional dependency of "slow
tall" extremely low-frequency atmospheric
waveforms. 14 p2312 A67-28571
A comparison at extremely low-
frequencies of positive and negative
atmospherics. 22 p3789 A67-39474
- HUGHES, H. L.**
Surface effects of
radiation. 19 p3306 A67-35674
- HUGHES, J. L.**
Precautions required when using a
continuous gas flow in high-current ion
lasers. 15 p2497 A67-29394
The potential of present day lasers as
scientific probes for investigating the
structure of matter, using an exponential
amplifier. 19 p3240 A67-35692
- HUGHES, K. A.**
Losses in parametric delay lines used for
signal processing. 01 p0027 A67-11323
The scanning electron microscope as a
means of investigating "second breakdown"
and similar phenomena. 02 p0222 A67-12653
Quantitative measurements by scanning
electron microscopy. I. 04 p0584 A67-15483
Localized breakdown in Ge mesa diodes
due to inclusions. 04 p0584 A67-15486
Failure analysis of microcircuitry by
scanning electron
microscopy. 09 p1473 A67-22017
- HUGHES, K. L.**
The effect of the upper sideband on the
performance of a parametric
amplifier. 06 p0966 A67-17575
An S-band parametric amplifier using a
balanced idler circuit. 06 p0966 A67-17580
- HUGHES, L. R.**
Parameters of a cloud-like distribution of
electrons in the ionosphere.
[RASSA PAPER 1-10-135] 03 p0417 A67-14246
- HUGHES, M. P.**
Planetary observations at a wavelength of
6 cm. 11 p1869 A67-25094
- HUGHES, M. T. G.**
Estimation of frequency response from
random data. 15 p2465 A67-30345
- HUGHES, P. C.**
Explanation of the anomalous spin
behaviour of satellites with long flexible
antennae. [AIAA PAPER 67-39] 06 p1096 A67-18350
Explanation of the anomalous spin
behavior of satellites with long, flexible
antennae. 21 p3712 A67-37784
- HUGHES, R. G.**
Evidence on the isotropy of faint radio
sources. 16 p2752 A67-31623
- HUGHES, R. L.**
Production of the boranes and related
research. 23 p4047 A67-41443
- HUGHES, T. P.**
Amplification and detection of high-power
laser pulses at 10.6 μ
m. 09 p1514 A67-22273
- HUGHES, V. A.**
Radio source W49 and anomalous OH
emission. 21 p3701 A67-37896
- HUGHES, V. W.**
Hyperfine structure of the v equals 0, J
equals 1 state in Rb super 85 F, Rb super
87 F, K super 39 F, and K super 41 F by
the molecular-beam electric-resonance
method. 22 p3839 A67-39203
- HUGHES, W. F.**
Combined free and forced convection in
MHD.
[ASME PAPER 66-WA/HT-38] 04 p0724 A67-15429
The Electromagnetodynamics of
Fluids. 20 p3499 A67-36808
- HUGHES, W. G.**
A configuration study for an ELDO-PAS
test satellite based on communications
requirements. 17 p2955 A67-32396
- HUGHES, W. K.**
Solving partial differential equations with
an analog memory. 19 p3186 A67-34966
- HUGHES, W. P.**
A study of the strain-age cracking
characteristics in welded Rene 41 - Phase
I. 20 p3471 A67-37698
- HUGILL, J.**
Comparison of ionospheric probe
techniques. 10 p1656 A67-23285
- HUGON, P.**
The adaptation of a navigation system for
the supersonic transport. 07 p1221 A67-19068
- HUGUENIN, G. R.**
A synthetic aperture approach to space-
based radio telescopes.
[AIAA PAPER 66-886] 02 p0221 A67-12265
- HUI, W.**
GaAs thin-film solar
cells. 10 p1596 A67-23165
- HUI, W. L. C.**
Low-energy proton irradiation of coated
and uncoated thin-film CdS and single-
crystal Si solar cells. 01 p0037 A67-10476
Progress in thin film GaAs solar
cells. 23 p4046 A67-41493
- HUIE, C. R.**
Development of techniques for direct
measurement of metabolism under
water. 09 p1455 A67-21722
- HUILGOL, R. R.**
On the concentrated force problem for
two-dimensional elasticity with couple
stresses. 06 p1107 A67-18651
- HULBERT, J. A.**
Some difficulties in the observation of the
Froehlich-Terreux quasi-superconducting
state. 06 p1047 A67-17654
- HULL, D.**
Velocity of propagation of cleavage cracks
in tungsten. 03 p0445 A67-13471
Velocity of propagation of cleavage cracks
in tungsten. 16 p2688 A67-31302
Plastic deformation of tantalum single
crystals. I. 19 p3245 A67-35727
Dislocation densities in
tungsten. 19 p3248 A67-36028
- HULL, D. G.**
Sufficiency proofs for the problem of the
optimum transversal
contour. 13 p2051 A67-27457
Two-dimensional, hypersonic wings of
maximum lift-to-drag
ratio. 15 p2416 A67-29409
Three-dimensional, hypersonic wings of
maximum lift-to-drag
ratio. 16 p2592 A67-30964
Maximum lift-to-drag ratio of a slender,
flat-top, hypersonic body. 20 p3359 A67-37124
- HULL, J. A.**
An operational theory of laser-radar
selenodesy. 16 p2623 A67-30962
- HULL, J. W.**
Microwave radiometric meteorological
observations. 01 p0108 A67-10314
- HULLEY, M. A.**
An investigation of pulsed magnetron
performance at X band with voltage rise
times in the nanosecond
region. 09 p1479 A67-22262
- HULLS, L. R.**
Engine vibration signals as an aid to fault
diagnosis.
[SAE PAPER 670872] 24 p4207 A67-42009
- HULM, J. K.**
Superconducting properties of germanium
telluride. 06 p1069 A67-18981
Far-infrared absorption in superconducting
niobium alloys. 17 p2925 A67-33373
- HULSEBOS, J.**
Effect of lateral curvature on the
characteristics and skin friction of a
turbulent air boundary layer with and
without helium addition. 16 p2659 A67-30952
- HULSURKAR, S.**
Transition theory of creep of shells under
uniform pressure. 05 p0920 A67-16722
- HULT, J. A. H.**
Creep in engineering
structures. 03 p0525 A67-13818
- HULT, J. L.**
Satellites and future communications,
including broadcast.
[AAS PAPER 67-91] 15 p2437 A67-29952
- HULTQUIST, P. F.**
Image velocity sensing with moving reticle
scanners. 19 p3231 A67-35689
- HULTQVIST, B.**
Negative ions in the lowest
ionosphere. 16 p2665 A67-31019
- HUM, R. H.**
Observations on paramagnetic cooling with
synthetic ruby. 11 p1851 A67-25033
- HUME-ROTHERY, W.**
The equilibrium diagram of the system
niobium-nickel. 05 p0828 A67-16387
The constitution of
alloys. 14 p2338 A67-28615
- HUME, C. R.**
Structural design of the ESRO II solar
astronomy satellite. 03 p0518 A67-13600
The ESRO II satellite
project. 05 p0905 A67-16728
- HUME, W. A.**
Clean room justification
guidelines. 23 p3967 A67-40655
- HUMHAL, E.**
Contribution to the overrelaxation method
/Poznamka k superrelaxacni
metode/. 16 p2695 A67-30830
- HUMI, M.**
Interplanetary particles and noctilucent
clouds. 22 p3890 A67-40472
A note on the dynamical interaction of
small interplanetary particles with the
earth's upper atmosphere. 22 p3890 A67-40473
- HUMMEL, D.**
Vortex breakdown effects on the low-
speed aerodynamic characteristics of slender
delta wings in symmetrical
flow. 13 p2050 A67-27194
- HUMMEL, R. L.**
Experimental study of the viscous
sublayer in turbulent pipe
flow. 24 p4144 A67-42607
- HUMMER, D. G.**
Thermalization lengths and the
homogeneous transfer equation in line
formation. 02 p0266 A67-11696
Computational methods for non-LTE line-
transfer problems. 14 p2351 A67-28994
- HUMPHREY, C. H.**
Autoionizing D states in He below the n
equals 2 level of He super
plus. 16 p2704 A67-31167
- HUMPHREY, F. B.**
Mobility and loss mechanisms for domain
wall motion in thin ferromagnetic
films. 02 p0298 A67-11890
Relaxation processes for ferromagnetic
resonance in thin films. 13 p2179 A67-27142
- HUMPHREYS, C. J.**
Spectra of the noble gases in the 4- μ
region. 18 p3082 A67-33876
- HUMPHREYS, R.**
Wide-range multi-input pulse height
recording system. 20 p3444 A67-36525
- HUNDHAUSEN, A. J.**
Vela 3 satellite observations of solar wind
ions - A preliminary

- report. 07 p1244 A67-19919
Measurements of the interplanetary solar wind during the large geomagnetic storm of April 17-18, 1965. 13 p2189 A67-26303
Vela satellite observations of solar wind ions. 13 p2190 A67-26319
Observations of solar wind plasma changes across the bow shock. 13 p2190 A67-26320
Discontinuities in the solar wind associated with sudden geomagnetic impulses and storm commencements. 17 p2936 A67-32530
- HUNDLEY, L.
Nanosecond fluorimeter. 12 p1946 A67-25981
- HUNEKE, J. C.
Trapping of the solar wind in solids. I. Spallogenic rare gases in the El Taco meteorite. 11 p1825 A67-25079
16 p2750 A67-31439
- HUNG, F. C.
Dynamic response analysis of Saturn V vehicle, launcher and tower. 16 p2654 A67-30677
- HUNG, G.
The measurement of excess carriers lifetime in semiconductors by photoconductive phase shift of spreading resistance under a point contact. 05 p0861 A67-16501
Measurement of excess carrier lifetime in semiconductors using photoconductive phase shift of spreading resistance under a point contact. 20 p3512 A67-37317
- HUNG, J. C.
Time weighted energy control of discrete-data control systems. 06 p0977 A67-18531
Methods for injection-error analysis and their comparison. 19 p3254 A67-34780
- HUNG, L. Y.
Flow and heat transfer on bodies in crossflow with surface mass transfer. 04 p0733 A67-15841
- HUNG, R.-J.
Collisionless shock wave in a plasma. 21 p3667 A67-38410
- HUNG, T.-K.
Pressure, Bernoulli sum, and momentum and energy relations in a laminar zone of separation. 08 p1323 A67-21389
- HUNGER, K.
A pure helium model stellar atmosphere. 14 p2387 A67-28578
On the significance of the far field portion of the plasma microfield. 19 p3285 A67-35344
- HUNNICUTT, G. H.
Effect of lateral curvature on the characteristics and skin friction of a turbulent air boundary layer with and without helium addition. 16 p2659 A67-30952
- HUNSICKER, H. Y.
The metallurgy of heat treatment. 14 p2335 A67-27804
- HUNSPERGER, R.
Measurement of photon absorption loss in the active and passive regions of a semiconductor laser. 10 p1864 A67-22909
- HUNSTEAD, R. W.
A constant phase local oscillator system for a cross type radio telescope. 02 p0212 A67-11608
- HUNSUCKER, R. D.
Electron number densities in auroral irregularities - Comparison of backscatter and satellite data. 08 p1328 A67-21481
Radio-star scintillations and spread F in the auroral zone. 15 p2482 A67-30289
[AGARDOGRAPH 95]
Large traveling-ionospheric-disturbances observed at midlatitudes utilizing the high resolution H.F. backscatter technique. 20 p3425 A67-36280
- HUNT, G. E.
The isotropic scattering of radiation in a finite homogeneous two-dimensional atmosphere. 09 p1532 A67-21662
- HUNT, G. R.
Rapid remote sensing by spectrum matching technique. II. Infrared images of Tycho on dark moon. 09 p1565 A67-22013
Enhancement of fine detail in the presence of large radiance differences. 10 p1653 A67-22746
An earth-based, infrared lunar mapper for thermal and composition studies. 15 p2492 A67-30434
Infrared images - Implications for the lunar surface. 18 p3134 A67-34537
A bidirectional reflectance accessory for spectroscopic measurements. 23 p4002 A67-41261
- HUNT, H. H.
Hyper-velocity crater size and target strength. 02 p0338 A67-12034
Dynamic stress at hypervelocity impact and true tensile strength. 17 p2958 A67-32217
- HUNT, J. C. R.
Some fluid dynamic effects in large-scale MHD generators. 09 p1442 A67-21793
Magnetohydrodynamic flow in channels of variable cross-section with strong transverse magnetic fields. 14 p2355 A67-27902
- HUNT, J. M.
Future potential and requirements of digital simulation. 13 p2090 A67-27265
- HUNT, J. N.
Vortex streets in the earth's atmosphere. 24 p4146 A67-41786
- HUNT, M. S.
A selenodetic evaluation of eleven Paris lunar photographs. 18 p3129 A67-34311
- HUNT, N. C.
Positive pressure breathing during water immersion. 18 p2992 A67-34721
- HUNT, N. C., III
Immersion diuresis. 09 p1453 A67-21730
[SAM-TR-66-305]
A comparison of the effects of vasopressin and positive pressure breathing on the cardiovascular deconditioning of water immersion. 23 p3951 A67-41557
- HUNT, R. E.
Crystal efficiency for injection luminescence in GaAs. 17 p2911 A67-32192
- HUNT, R. P.
Magnetic annealing effects in silicon-doped garnets. 18 p3105 A67-34629
- HUNT, T. K.
Quantum phase correlation in small superconductors. 11 p1846 A67-24563
- HUNT, T. M.
Vibration in cylindrical shafts. 12 p1949 A67-25411
Fatigue life of compressor blading. 12 p2014 A67-25413
- HUNT, W. E.
A nonlinear correction method for orbit determination. 14 p2384 A67-28127
Scattering of alpha particles by oxygen. I. Scattering of alpha particles by oxygen. 21 p3659 A67-38517
II. Scattering of alpha particles by oxygen. 21 p3659 A67-38518
- HUNTEN, D. M.
Water vapor in the atmosphere of Venus. 02 p0324 A67-11769
N sub 2 super plus emission in the twilight. 05 p0803 A67-17409
Rocket measurements of the sodium dayglow. 07 p1180 A67-19917
Spectroscopic studies of the twilight airglow. 11 p1786 A67-24263
Upper-atmospheric sodium and stratospheric warmings at high latitudes. 13 p2110 A67-26441
Optical upper atmospheric investigations at the University of Saskatchewan. 23 p3996 A67-41256
- HUNTER, A. N.
Faraday rotation and other measurements on the ionosphere at Nairobi. 03 p0406 A67-12825
Variation of the magnetic horizontal component in Eastern Africa. 03 p0408 A67-12838
- HUNTER, A. R., JR.
A three dimensional photoelasto-plastic stress analysis method. 18 p3141 A67-33886
[SESA PAPER 1191]
- HUNTER, H. M.
A 3 kw solar-electric spacecraft for multiple interplanetary missions. 21 p3714 A67-38738
[AIAA PAPER 67-711]
- HUNTER, J. H., JR.
Numerical studies relating to star formation. 22 p3895 A67-40515
- HUNTER, J. J.
The lunar module simulation program. 07 p1164 A67-20056
[AIAA PAPER 67-232]
- HUNTER, J. T.
Transition-zone anechoic chambers simplify system checking. 03 p0397 A67-14102
- HUNTER, L. T.
Microcircuit hardening study. 04 p0590 A67-15722
- HUNTER, M.
Future interplanetary unmanned space missions. 15 p2562 A67-30104
[AIAA PAPER 67-29]
- HUNTER, M. S.
Microstructure of alloys and products. 14 p2334 A67-27803
- HUNTER, M. W., II
Space Age in Fiscal Year 2001, American Astronautical Society, Goddard Memorial Symposium, 4th, Washington, D.C., March 15, 16, 1968, Proceedings. 13 p2230 A67-27501
Unmanned scientific exploration throughout the solar system. 14 p2387 A67-28618
Commercial space transportation possibilities. 15 p2571 A67-29968
[AAS PAPER 67-134]
Unmanned exploration of the inner planets, comets, the outer planets, and near interstellar space. 19 p3323 A67-35330
- HUNTER, N. F., JR.
Electronic simulation of apparent weight in force controlled vibration tests. 23 p3967 A67-41383
- HUNTER, P. A.
Initial VGH data on operations of small turbojets in commercial transport service. 15 p2421 A67-30375
[AIAA PAPER 67-408]
- HUNTER, R. B.
Motions of satellites and asteroids under the influence of Jupiter and the sun. I. Motions of satellites and asteroids under the influence of Jupiter and the sun. 17 p2946 A67-32753
II. Motions of satellites and asteroids under the influence of Jupiter and the sun. 17 p2946 A67-32754
- HUNTER, S. C.
The solution of boundary value problems in linear viscoelasticity. 08 p1419 A67-20882
- HUNTER, W.
Cosmic spherules in a Pacific core. 06 p1079 A67-17657
- HUNTER, W. R.
Detectors for the extreme ultraviolet. I. Optical properties of evaporated iridium in the vacuum ultraviolet from 500 angstrom units to 2000 angstrom units. 16 p2733 A67-31878
- HUNTER, W. W., JR.
Rotational temperature measurements 300 deg K to 1000 deg K with electron beam probe. 01 p0071 A67-11105
- HUNTLEY, E.
A matrix formulation for the time response of time-invariant linear systems to discrete inputs. 06 p0976 A67-18402
The response analysis of linear multivariable systems by an extension of the serial/matrix technique. 23 p3983 A67-40646
- HUNZIKER, R. R.
Satellite rendezvous guidance using universal orbit variables. 02 p0264 A67-12315
- HURANT, T.
Multielement measuring systems - A statistical theory. 01 p0069 A67-11026
Statistical techniques for dynamic flow measurement evaluation. 03 p0403 A67-13777
- HURAU, J. P.
Upper critical field of a superconductor backed by a normal metal. 24 p4200 A67-41862
- HURD, W. J.
Correlation function of quantized sine wave plus Gaussian noise. 12 p1908 A67-26084
- HURDEN, D.
In a cloud of dust. 12 p1990 A67-25947
- HURDLE, C. V.
An experimental study of plasma-vehicle interaction. 14 p2357 A67-28209
- HURLBUT, F. C.
Current developments in the study of gas-surface interactions. 13 p2097 A67-26935
Nearly free molecule flow through a circular orifice at high pressure ratios. 14 p2300 A67-28179
- HURLE, I. R.
The coupling between free electron and molecular vibrational temperatures in plasma environments /Sviaz' mezhdu kolebatel'noi temperaturoi molekul i temperaturoi svobodnykh elektronov v plazme/. 17 p2894 A67-32150
Chemico-physical processes in shock waves. 22 p3786 A67-40074
- HURLEY, A. C.
Integrated and integral Hellmann-Feynman formulas. 22 p3757 A67-39637
- HURLEY, F. K.
Vortex separation above delta leading edges. 09 p1438 A67-22496
Effect of dihedral and cross-sectional shape on high-L/D entry vehicles. 17 p2789 A67-32071
- HURLEY, J.
One-dimensional three-body problem. 17 p2888 A67-32926

- A self-consistent study of the earth's radiation belts. 22 p3871 A67-39799
- HURLEY, J. R.**
Reliability assessment testing of 2 kw hydrogen-oxygen fuel cell. 24 p4109 A67-42896
- HURST, R. P.**
Uniform-electric-field quadrupole polarizabilities and shielding factors for S-state atoms and ions. 03 p0472 A67-13321
- HURT, C. R.**
High intensity triboluminescence in europium tetrakis /dibenzoylmethide/-triethylammonium. 01 p0019 A67-10897
Laser action from terbium trifluoroacetylacetonate in p-dioxane and acetonitrile at room temperature. 11 p1803 A67-24833
Energy transfer in mixed lanthanide complexes. 23 p3971 A67-40747
- HURT, W. B.**
Calculated ion distributions in a helium negative glow. 03 p0473 A67-13523
- HURUHATA, M.**
Solar ultraviolet radiation and the zodiacal light. 05 p0799 A67-16873
Rocket observations of emission heights of 6300 angstrom units line in night airglow. 19 p3215 A67-35177
Rocket observations of the brightness of the zodiacal light. 19 p3216 A67-35192
- HURWICZ, H.**
Aerothermostructural design of a flight capsule system entering low density Mars atmosphere. 01 p0156 A67-11432
- HURWITZ, C. E.**
High power and efficiency in CdS electron beam pumped lasers. 09 p1510 A67-21569
Laser emission from electron beam excited ZnTe. 21 p3641 A67-38458
- HURWITZ, M.**
Electrohydrodynamic propellant management systems for cryogenic upper stages. [AIAA PAPER 66-922] 02 p0301 A67-12275
Gradient stabilization of electrohydrodynamically oriented liquids. 17 p2836 A67-32053
- HUSAIN, L.**
Magnesium-28 in rain - Produced by cosmic rays. 04 p0692 A67-14495
- HUSAIN, S. A.**
Photon-enhanced field emission from CdS single crystals. 11 p1845 A67-24133
- HUSHFAR, F.**
A new concept in charge exchange molecular beams. 14 p2316 A67-28190
- HUSICK, C. B.**
Problems of data acquisition, processing and transmission aboard manned spacecraft. 20 p3442 A67-36468
- HUSMANN, O. K.**
Improved surface ionization efficiency by high work function refractory metals and alloys. [AIAA PAPER 66-223] 06 p1035 A67-18137
Thermal emission microscope studies of cesium surface ionization on porous refractory metals. 17 p2888 A67-33059
- HUSS, A.**
Numerical integration of a quasi-geostrophic atmospheric model with an asymmetric zonal current. 06 p0999 A67-18739
- HUSS, C. R.**
Mission design for flight safety. [AIAA PAPER 67-822] 24 p4243 A67-42970
- HUSS, G. I.**
Tekites that were partially plastic after completion of surface sculpturing. 17 p2947 A67-32774
The Fremont Butte, Washington Co., Colorado, meteorite. 23 p4069 A67-41448
The Anoka, Minnesota, iron meteorite. 23 p4069 A67-41449
- HUSS, W. N.**
Advances in sputtering equipment technology. 04 p0631 A67-15996
- HUSSAIN, M. A.**
Effect of couple-stresses on force transfer between embedded microfibrils. 14 p2398 A67-28100
- HUSSON, J. C.**
Application of the Doppler tracking method to the D1 A satellite /Application de la methode de localisation Doppler au satellite D1 A/. 14 p2347 A67-28991
- HUST, J. G.**
Curve-fitting techniques and applications to thermodynamics. 24 p4177 A67-42083
- HUSTIN, A.**
Hearing of civil navigation personnel above 40 /L'audition du personnel navigant civil au-dela de 40 ans/. 14 p2257 A67-28214
- HUSTON, A. E.**
Some new high-speed cameras. 01 p0067 A67-10774
- HUSZTY, D.**
Wave propagation in viscoelastic rods /Ueber die Wellenfortpflanzung in viskoelastischen Staeben/. 04 p0707 A67-14404
- HUTCHINGS, T. J.**
Amplitude and frequency characteristics of a ring laser. 04 p0635 A67-15777
- HUTCHINS, C. L.**
Charge storage in metal-silicon nitride-silicon capacitors. 22 p3787 A67-39257
- HUTCHINSON, G. K.**
An interference prediction model. 01 p0023 A67-10498
- HUTCHINSON, J. W.**
Initial post-buckling behavior of toroidal shell segments. 05 p0921 A67-16885
Imperfection-sensitivity of eccentrically stiffened cylindrical shells. 08 p1417 A67-20552
Imperfection sensitivity of externally pressurized spherical shells. 10 p1730 A67-23835
- HUTCHINSON, W. D.**
The relation between stress and strain in multiaxial deformations of elastomers. 24 p4250 A67-42387
- HUTCHINSON, W. G.**
Temperature dependence of the relative efficiency of InAs diode emitters. 19 p3198 A67-36046
- HUTCHISON, P. T.**
Varactor up converters for satellite use. 16 p2640 A67-31531
- HUTSON, A. R.**
Effects of high pressure, uniaxial stress, and temperature on the electrical resistivity of n-GaAs. 13 p2180 A67-27159
- HUTTON, E.**
Ionization in ethylene-air-nitric oxide flames. 18 p3107 A67-33804
- HUTTON, R.**
S sub q currents in the American equatorial zone during the IGY. 24 p4148 A67-42065
S sub q currents in the American equatorial zone during the IGY. 24 p4148 A67-42066
- HUTZLER, B.**
Study of cesium-vapor thermionic converters - Influence of the inhomogeneity of the electrodes /Contribution a l'etude des convertisseurs thermoelectroniques a vapeur de césium - Influence de l'inhomogenete des electrodes/. 17 p2823 A67-32222
- HUU-DOAN, N.**
Observations of the twilight emission of ionized calcium /Observations de l'emission du calcium ionise au crepuscule/. 06 p0998 A67-18704
- HUX, J. H.**
Abdominal blood flow in anesthetized dogs during plus G sub x acceleration. 23 p3950 A67-41535
- HWANG, C.**
Some experiments on the vibration of a hemispherical shell. 04 p0714 A67-15425
- HWANG, C. L.**
Optimization of systems reliability. 20 p3556 A67-37316
- HYATT, A.**
What a new large Russian launch vehicle could mean. 03 p0519 A67-14099
Beyond Apollo. 10 p1710 A67-23636
Systems design - A team effort. 16 p2781 A67-30784
- HYATT, H. A.**
Airborne measurement of microwave emission from the earth's surface and atmosphere. 22 p3806 A67-40381
- HYDE, A. S.**
Renal response to plus Gz gradient acceleration in man. 05 p0756 A67-16288
- HYDE, F. J.**
The series resistance of varactor diodes. 01 p0038 A67-10815
Two-diode parametric amplifiers. 13 p2078 A67-26785
Two-diode bandpass parametric amplifier. 24 p4128 A67-41968
Unilateral 2-diode parametric amplifier. 24 p4128 A67-41969
- HYDE, G. M.**
The positions and angular extent of OH emission associated with the H II regions W3, W24, W49, and NGC 6334. 12 p2009 A67-25972
- HYDER, A. K., JR.**
Properties of P super 30 levels from the Si super 29 /p, gamma/P super 30 reaction. 16 p2705 A67-31922
- HYDER, C. L.**
The polarization of emission lines in astronomy. V. 05 p0891 A67-16406
A phenomenological model for dispartitions brusques followed by flarelike chromospheric brightenings. 19 p3324 A67-35437
- HYERS, D. H.**
Integral equations for nonlinear problems in partial differential equations. 24 p4180 A67-43088
- HYLER, W. S.**
Effect of variation in Poisson's ratio on plastic tensile instability. [ASME PAPER 66-WA/MET-15] 04 p0712 A67-15378
Crack propagation at stresses below the fatigue limit. 11 p1806 A67-24365
Design considerations in material selection for rocket-motor cases. [AIAA PAPER 66-630] 15 p2573 A67-29418
- HYLTIN, T. M.**
Study of parametric amplifiers. 12 p1913 A67-25299
- HYLTON, H. I.**
The F-111 Mark II computer complex baseline - How it was derived. 17 p2819 A67-32498
- HYMAN, A.**
Research in visual perception for carrier landing. 22 p3755 A67-39847
- HYMAN, B. I.**
Buckling of prolate spheroidal shells under hydrostatic pressure. 17 p2963 A67-33017
- HYMAN, H.**
Direct electron excitation cross sections pertinent to the argon ion laser. 02 p0253 A67-12520
- HYMAN, J., JR.**
Characteristics of photoionization plasma source. 09 p1549 A67-22426
LM cathode electron-bombardment thrusters. [AIAA PAPER 67-667] 21 p3690 A67-38701
- HYMAN, L.**
An improved cryogenic liquid level sensor. 01 p0062 A67-10194
- HYMAN, N.**
Carbon and nitrogen transfer in a type-316 stainless-steel, Cb-1 percent Zr, liquid-potassium system. 07 p1223 A67-19465
- HYMAN, W.**
Airline scheduling of V/STOL aircraft. [AIAA PAPER 67-801] 24 p4259 A67-42961
- HYNES, J.**
An accident and maintenance recording system. 15 p2487 A67-29510
- HYNES, R. T.**
Data acquisition support of NASA lunar and planetary flight missions. 19 p3207 A67-35224
- HYTHA, M. J.**
Direct modulation of the He-Ne gas laser. 14 p2329 A67-27772
- IABLOCHKIN, V. D.**
Improvement of some polyvinyl chloride polymers and decrease of their toxicity /K voprosu "oblagorazhivaniia" nekotorykh polivinilkhloridnykh polimerov i o putakh snizheniia ikh toksichnosti/. 16 p2693 A67-30910
- IABLOCHNIKOV, B. A.**
Generation of collisionless shock waves propagating along a magnetic field. 05 p0853 A67-16756
- IABLOKOFF, A.**
Essential parameters governing the high resistance of reinforced resins /Parametres essentiels conditionnant la haute resistance des resines armees/. [ONERA-TP-468] 18 p3069 A67-34462
- IABLONSKAIA, V. A.**
Effect of Coulomb friction on the motion of a blaxial gyroscopic stabilizer /Vlianie sukhogo treniia na dvizhenie dvukhosnogo giroskopicheskogo stabilizatora/. 09 p1498 A67-22033
- IACHNEV, I. L.**
Some features of a stationary microwave discharge in a magnetic field. 06 p1040 A67-18094

B-265

- IAKUBOV, I. T.**
Low-temperature nonequilibrium plasma /Neravnovesnala nizkoterperturnala plazma/. 18 p2720 A67-31386
Maximum radiation of a nonequilibrium gas following strong shock waves /O maksimume izlucheniia neravnovesnogo gaza za sil'nyimi udarnymi volnami/. 18 p3083 A67-34059
Causes of the formation of a radiation peak in the atomic spectral lines of a nonequilibrium gas following a shock wave /O prichinakh obrazovaniia pika izlucheniia v atomarnykh spektral'nykh liniakh neravnovesnogo gaza za udarnoi volnoi/. 18 p3083 A67-34060
On the theory of ionizational relaxation behind shock waves. 19 p3293 A67-35403
- IAKUBOV, V. K.**
Influence of elastic wing-twisting on certain characteristics of longitudinal stability and controllability of a glider. 24 p4094 A67-42021
- IAKUBOVICH, E. I.**
Periodically modulated emission and the possibility of generating "giant" pulses in a three-level laser using nonuniformly excited active medium. 05 p0826 A67-17233
- IAKUBOVICH, V. A.**
Periodic and almost periodic limiting operational conditions for control systems with generally discontinuous nonlinearities /Periodicheskie i pochtii periodicheskie predel'nye rezhimy reguliruemyykh sistem s neskol'kimi, voobshche govoria, razryvnymi nelineynostiami/. 05 p0784 A67-17020
Frequency conditions for the stability of solutions of nonlinear integral automatic control equations /Chastotnye uslovia ustoiichivosti reshenii nelineynykh integral'nykh uravnenii avtomaticheskogo upravleniia/. 14 p2292 A67-28635
- IAKUSHEV, E. M.**
Concerning the electromagnetic mechanism of acceleration of cosmic rays. 02 p0311 A67-12586
- IAKUSHIN, M. I.**
Determination of the intensity of outward specific thermal fluxes in jets of a high-frequency electrodeless plasmatron in air /K opredeleniiu intensivnosti udel'nykh teplovykh potokov k poverkhnosti v struiakh vysokochastotnogo bezelektrodnogo plazmotrona na vozdukh/. 06 p1045 A67-18813
- IANICHKIN, I. G.**
Electromagnetic excitation of a finite metallic cone /Elektromagnitnoe vzbuzhdenie konechnogo metalicheskogo konusa/. 04 p0575 A67-15152
Electromagnetic excitation of a finite metallic cone. 15 p2435 A67-29339
- IAMAMOV, I. I.**
Application of the method of Bhatnagar, Gross, and Krook to the determination of the rate of thermal slip of a gas near a solid surface /Primenenie metoda Bhatnagara, Grossa i Kruka dlia opredeleniia skorosti teplovykh skol'zhenii gaza vblizi tverdoi poverkhnosti/. 15 p2582 A67-30390
Theory of the motion of solution drops in a diffusing binary gas mixture /Teoriia dvizheniia kapel' rastvorov v diffundiruiushchii binarnoi gazovoi smesi/. 20 p3421 A67-36812
- IAMAIAKIN, V. E.**
Using the method of equivalent linear antenna in the statistical analysis of the field of a planar aperture. 03 p0386 A67-13958
- IAMNY, V. IA.**
Investigation of the fluctuation processes in transistorized quartz oscillators /Dasseadvanne fluktuatsiynykh pratsesau u kvartsovyykh generatorkh na tranzistarakh/. 13 p2075 A67-26395
- IAMNYI, V. E.**
High-sensitivity twelve-channel spectrum analyzer for low-frequency noise measurements /Dvenadtsatikanal'nyi vysokochuvstvitel'nyi spektr-analizator dlia izmereniia nizkochastotnogo shuma/. 11 p1769 A67-25038
- IAMPIETRO, P. F.**
Physiological responses to cold in men during an extended period of sleep loss. 23 p3955 A67-41615
- IAMPOLSKII, E. S.**
SHF phase meters for plasma diagnostics /Sverkhvysokochastotnye fazometry dlia diagnostiki plazmy/. 24 p4154 A67-42218

- IAMPOLSKII, V.**
Determination of the velocity of the vertical motion of the lower ionosphere /K opredeleniiu skorosti vertikal'nogo dvizheniia nizhenoi ionosfery/. 05 p0801 A67-17144
Determination of the speed of vertical motion of the lower ionosphere. 21 p3619 A67-38486
- IAMS, J. D.**
International aspects of space applications. 19 p3349 A67-35639
- IAMSHCHIKOV, M. A.**
Investigation of the composition of the primary cosmic-ray component /Issledovanie sostava pervichnoi komponenty kosmicheskogo izlucheniia/. 23 p4054 A67-41096
- IANCU, C.**
Outflow of a perfect ponderable fluid from an opening in the bottom of a cylindrical container /L'ecoulement d'un fluide parfait, pesant, d'un reservoir cylindrique, par un orifice de fond/. 07 p1169 A67-20207
- IANICHKIN, V. I.**
Quantitative methods of studying inhomogeneities in transparent media with the aid of IAB-451 shadow device /Kolichestvennye metody issledovaniia neodnorodnostei v prozrachnykh sredakh pri pomoshchi tenevogo pribora IAB-451/. 19 p3228 A67-34965
Application of an interferometer with a diffraction grating to the investigation of flows past models in a shock tube /Primenenie interferometra s difraktsionnoi reshetkoi dlia issledovaniia obtekanii modelei v udarnoi trube/. 24 p4158 A67-42723
- IANKOV, G. B.**
Nanosecond-pulse ion source /Nanosekundnyi impul'snyi istochnik ionov/. 03 p0425 A67-14262
A nanosecond pulsed ion source. 14 p2321 A67-28774
- IANKOVSKII, I. A.**
Aeronautical meteorology /Aviatsionnala meteorologiya/. 07 p1220 A67-19579
- IANNETTI, V.**
The problem of contaminants in oxygen for therapeutic use /Il problema dei contaminanti dell'ossigeno per uso terapeutico/. 12 p1802 A67-25173
Research on the concentration of contaminants contained in the liquid breathing oxygen in aircraft converters /Indagine sulla concentrazione degli inquinanti dell'ossigeno liquido avio nei convertitori di bordo/. 16 p2819 A67-31475
- IANNUZZI, M.**
An experiment on destruction of coherent motion in a quiescent plasma. 11 p1837 A67-24394
An experiment on destruction of coherent motion in a quiescent plasma. 13 p2166 A67-26731
- IANOVICH, V. D.**
Dynamic displacements of ions in the ZnTe-CdTe system /Dinamicheskie smesheniia ionov v sisteme ZnTe-CdTe/. 18 p3095 A67-33446
- IANSON, I. K.**
Dependence of a direct Josephson current on the magnetic field with screening taken into account /Zalezhnist' stalogo strumu Dzhozefsona vid magnitnogo polia pri vrakhuivanni/. 22 p3857 A67-39504
- IANTOVSKII, E. I.**
Calculation of a magnetogasdynamic flow in a channel with sectional electrodes /Raschet magnetogazodinamicheskogo techeniia v kanale s sektiionirovannymi elektrodami/. 06 p1043 A67-18675
Self-excitation of certain electromechanical systems /O samovzbuzhdenii nekotorykh elektromekhanicheskikh sistem/. 06 p0952 A67-18686
Experimental investigation of ionized gas flows in ducts /Eksperimental'noe issledovanie techeniia ionizirovannogo gaza v kanalakh/. 16 p2713 A67-30598
- IANUSHEVSKII, R. T.**
The coarseness of solutions of the problem of the analytic construction of controls. 03 p0390 A67-13097
- IAREMA, S. IA.**
The effect of structural microheterogeneities upon the strength of plates with hyperbolic notches. 06 p1100 A67-17950
Fundamental solution of the thermal

- conductivity equations for shallow shells with internal heat sources /Fundamental'ni rozv'iazok rivilnii' teploprovodnosti dlia plastin i pologikh obolonok z vnutrishnimi dzhherelami tepla/. 13 p2221 A67-26374
Temperature field in plates and shallow shells with internal heat sources /Temperaturnoe pole v plastinakh i pologikh obolochkakh s vnutrennimi istochnikami tepla/. 13 p2224 A67-27056
Stressed state of a cylindrical shell with a longitudinal or transverse crack under a symmetrical load /Napruzhenii stan tsilindrichnoi obolonki z pozdovzhn'oiu abo poperechnoiu trishchinou pri simetrichnomu navantazhenii/. 22 p3911 A67-39684
- IAREMENKO, L. N.**
Variations in the geomagnetic field in the equatorial regions /Variatsii magnitnogo polia zemli v ekvatorial'nykh oblastakh/. 04 p0616 A67-15224
- IAREMKO, A. M.**
A study of the emission characteristics of a ruby laser. 03 p0433 A67-12855
Study of certain laser parameters /Issledovanie nekotorykh parametrov opticheskikh kvantovykh generatorov/. 03 p0435 A67-13129
- IARIN, L. P.**
Calculation of a diffusion flame in the transition region of a flow /K raschetu difuzionnogo fakela v perekhodnoi oblasti techeniia/. 02 p0343 A67-12536
Method of determining the electrical conductivity of a low temperature plasma with the aid of a double probe /K metodike opredeleniia elektroprovodnosti nizkotemperaturnoi plazmy s pomoshchiu dvoynogo zonda/. 03 p0478 A67-13603
Diffuse combustion in a laminar boundary layer. 06 p1112 A67-17961
Method of determining the electrical conductivity of low-temperature plasma with a double probe. 18 p3090 A67-34468
- IARITSKII, A. G.**
Some problems of inhomogeneous flow aerodynamics /Nekotorye voprosy aerodinamiki neodnorodnogo potoka/. 07 p1125 A67-19322
- IARMUKHANEDOV, IU. N.**
Effects of doping on the growth rate and morphology of epitaxial gallium arsenide. 06 p1047 A67-17552
- IAROSHETSKII, I. D.**
Destruction of LiF single crystals under the effect of laser radiation /O razrushenii monokristallov LiF pod deistviem lazernogo izlucheniia/. 01 p0086 A67-10071
Formation of paramagnetic centers in polymers exposed to the effect of laser radiation /Vozniknovenie paramagnitnykh tsentrov v polimerakh, podvergnutykh deistviu lazernogo izlucheniia/. 01 p0086 A67-10075
Breakdown in transparent dielectrics caused by intense laser radiation. 03 p0439 A67-14367
Kinetics of the formation and healing of the damage caused by a laser beam in lithium fluoride single crystals /Kinetika obrazovaniia i zalechivaniia razrusheniia, vyzvannogo lazernym luchom, v monokristallakh floristogo litia/. 05 p0867 A67-17057
Damage produced by a laser beam in a transparent dielectric. 06 p1337 A67-20840
Fracture of LiF single crystals under the action of laser radiation. 08 p1339 A67-21454
Laser radiation absorption and semiconductor breakdown /Pogloshchenie lazernogo izlucheniia i razrushenie v poluprovodnikakh/. 15 p2537 A67-29704
Kinetics of the formation and healing of damage caused by a laser beam in lithium fluoride single crystals. 15 p2538 A67-29788
Statistical relationships governing the formation of cracks in polymethylmethacrylate under the action of laser radiation. 20 p3473 A67-36161
Two-photon photoconductivity in GaS excited with giant pulses from ruby laser. 20 p3456 A67-36164
Recording a single pulse of a Q-switched laser by means of a storage tube /Registratsiia monimpul'sa lazera, rabotalushchego v rezhime s modulatsiei dobrotnosti, pri pomoshchi zapominaushcheli trubki/. 22 p3817 A67-40415
Absorption of laser radiation and damage in semiconductors. 24 p4199 A67-41774

- IAROSHEVICH, G. O.**
Oscillation equations with even nonlinearities /Ob uravneniakh kolebaniy s chetnymi nelineinostyami/. 14 p2344 A67-28810
Critical cases in problems of stability of motion /O kriticheskikh sluchayakh v zadachakh na ustoychivost' dvizheniya/. 22 p3837 A67-39881
- IAROSHEVICH, V. S.**
Phase effect during pulsating heat transfer and electrical simulation of this effect /Fazovyi effekt pul'siruyushchey teplootdachi i ego elektromodelirovaniye/. 07 p1267 A67-19325
- IAROSHEVSKII, V. A.**
Optimum distribution of correction impulses in one-parameter correction. II. 07 p1247 A67-19093
- IAROSLAVSKAIA, I. U. N.**
Experimental study of an electromagnetic liquid-metal metering device with a constant inlet pressure /Eksperimental'noe issledovanie elektromagnitnogo dozatora zhidkogo metalla s postoiannym davleniem na vkhode/. 06 p0951 A67-18684
- IAROV-IAROVOI, M. S.**
Integration of regularized equations of the two-body problem. 19 p3249 A67-34795
- IAROVAIA, R. G.**
Study of the effect of proton bombardment on the optical constants of thin metallic layers /Izuchenie vliyaniiya protonnoi bombardirovki na opticheskie postoiannyye tonkikh metallicheskiy sloev/. 14 p2373 A67-28855
- IARUSHEK, V. E.**
A criterion of resolvability of signals received in noise. 03 p0368 A67-13277
- IARYGIN, V. N.**
Effect of convective heat transfer on plasmatron characteristics /O vliyanii konvektivnogo teploobmena na kharakteristiki plazmotrona/. 11 p1843 A67-24970
- IARYSHEV, N. A.**
Temperature regime of a thin plate heated by a pulsed localized energy source /Temperaturnyi rezhim tonkoi plastiny, nagrevaemoi impul'snym lokalizovannym istochnikom energii/. 01 p0166 A67-10365
- IASELLI, P.**
A frequency-modulated device for high-speed data transmission in the audio /Una apparecchiatura a modulazione di frequenza per la trasmissione veloce di dati in banda fonica/. 20 p3379 A67-36247
The equivalent noise temperature of antennas located on the earth's surface /La temperatura equivalente di rumore delle antenne ubicate sulla superficie terrestre/. 23 p3980 A67-41043
- IASHIN, I. U. IA.**
Method of geometric optics in the theory of propagation of electromagnetic waves in a gyrotropic medium /O metode geometricheskoi optiki v teorii rasprostraneniya elektromagnitnykh voln v girotropnoi srede/. 05 p0762 A67-16347
Geometrical-optics approximation in the theory of the propagation of electromagnetic waves in a weakly absorbing, gyrotropic medium /O priblizhenii geometricheskoi optiki v teorii rasprostraneniya elektromagnitnykh voln v girotropnoi srede so slabym pogloshcheniem/. 19 p3185 A67-36015
- IASHIN, V. I.**
Plasma drift instability in the helical magnetic field of a stellarator /Dreifova nestiikist' plazmi u givintovomu magnitnomu polu stel'atora/. 14 p2361 A67-28762
- IASHUGIN, E. A.**
Evaluation of the follow-up failure conditions in nonlinear automatic control systems. 05 p0781 A67-16255
- IASIN, E. M.**
Stability of a cylindrical shell for a stresses state of the axisymmetric edge effect /Ustoychivost' tsilindricheskoi obolochki pri napriazhenii sostoianii osesimmetrichnogo kraevogo effekta/. 14 p2401 A67-28645
- IASKEVICH, M. E.**
Photometric method of determining gallium in semiconducting alloys. 22 p3804 A67-40299
- IASKO, A. O.**
Structure of lithium films on a tungsten /110/ face /Struktura plivok litliu na grani /110/ vol'framu/. 14 p2372 A67-28760
- IASKO, O. I.**
Some problems on heat transfer in plasma jet generators. 04 p0672 A67-15871
Peculiarities of the operation of low-temperature plasma generators with vortex stabilization of the arc, and generalization of the investigations /Osobennosti raboty generatorov nizkotemperaturnoi plazmy s vikhrevol stabilizatsiei dugi i obobshchenie rezul'tatov issledovaniy/. 17 p2897 A67-32171
A note on the mechanism of heat transfer in an arc in a cross flow. 24 p4255 A67-42589
- IASKOV, D. A.**
Investigation of p-n junctions prepared on a base of beryllium-doped silicon carbide /Issledovanie p-n-perekhodov, izgotovlennykh na osnove karbida kremniia, legirovannogo berillem/. 14 p2367 A67-28524
Investigation of p-n junctions prepared from silicon carbide doped with beryllium. 23 p4039 A67-40831
- IASNIKOV, G. P.**
Polytropic process of variations in the state of a system composed of a gas and solid particles /Politropicheskiy protsess izmeneniia sostoiianiia sistemy gaz-tverdye chastitsy/. 12 p2033 A67-25317
- IASTREBOV, V. D.**
Cylindrical coordinate system describing the motion of artificial satellites /Sistema tsilindricheskikh koordinat dlia opisaniia dvizheniia iskusstvennykh sputnikov/. 02 p0321 A67-11547
Determination of satellite orbits from measurements over long time intervals. 11 p1858 A67-24066
A cylindrical coordinate system for describing the motion of artificial satellites. 16 p2752 A67-31613
- IASUTIS, V. V.**
Features of the physical properties of thin layers of the system CdTe-metal /In, Cu, Au/ /Osobennosti fizicheskikh svoystv tonkikh sloev sistemy CdTe-metal /In, Cu, Au/. 20 p3513 A67-37448
Features of the sublimation of thin polycrystalline CdTe films in high vacuum /Osobennosti sublimatsii tonkikh polikristallicheskiy sloev CdTe v vysokom vakume/. 20 p3514 A67-37453
- IAIAEV, M.**
Investigation of some critical cases of the stability of almost periodic motions /K issledovaniyu nekotorykh kriticheskikh sluchayev ustoychivosti pochni-periodicheskikh dvizheniy/. 18 p3080 A67-34602
- IATSENKO, A. F.**
Use of lasers for studying the kinetics of autophotolectronic emission /Primenenie OKG dlia issledovaniia kinetiki avtofotolektronnoi emissii/. 03 p0436 A67-13142
Utilization of the pyroelectric effect in barium titanate ceramics for recording weak thermal fluxes. 03 p0421 A67-13709
- IATSENKO, L. A.**
Experimental study of a two-cascade frequency multiplier with a traveling-wave tube /Eksperimental'noe issledovanie umnozhitelia chastoty na dvukhkaskadnoi LBV/. 10 p1613 A67-23406
- IATSENKO, T. K.**
Structural changes during oxidation of chromium-yttrium alloys /Strukturnye izmeneniia pri oksilenii splavov khroma s itriem/. 05 p0827 A67-16327
- IATSENKO, V. P.**
A revised theory of elastic shape modification for an anisotropic fiber-glass-reinforced plastic /Korigovana teoriia pruzhnoi formozmini dlia anizotropnogo skloplastika/. 21 p3649 A67-37907
Effect of prestressing on the mechanical characteristics of a monodirectional glass-fiber-reinforced plastic /Vpiv poperedn'ogo navantazheniia na mekhanichni kharakteristiki odnonapravlenno skloplastika/. 21 p3650 A67-37911
- IATSEVICH, G. B.**
A correlation meter of the velocity of a motion of a plant in an electromagnetic field /Korelatitslinii vimiriuvach shvdkosti rukhu ob'ekta v elektromagnitnomu poli/. 21 p3631 A67-39115
- IATSIUTA, N. N.**
Power amplifier with discrimination of even harmonics in the anode circuit and rectangular excitation pulses /Uslitlel' moshchnosti s vydeleniem chetnykh garmonik v anodnoi tsepi i priamougol'nymi impul'sami
- vozvuzhdeniia/. 13 p2077 A67-26748
- IATSKAER, S. A.**
Selection of radio-pulse sequences according to carrier frequency /Selekttsiia posledovatel'nostei radioimpul'sov po nesushchei chastote/. 14 p2261 A67-28278
- IATSUK, L. P.**
Investigation of the effect of external mutual coupling of waveguide-slot emitters /Issledovanie effektivov vneshnego vzaimnogo vliianiia volnovodnoshchelevykh izluchatelei/. 17 p2826 A67-32683
- IAVICH, L. R.**
General-purpose design procedure for multielement antenna and feeder systems. 10 p1611 A67-22961
- IAVNEL, A. A.**
The origin of meteorites /An outline/. 04 p0702 A67-15562
- IAVORSKAIA, I. M.**
The short wave asymptotic solution for the diffracted field due to plane transverse waves incident on a sphere. 06 p1100 A67-18032
- IAVORSKII, V. N.**
Invariant servodrive with the hydraulic actuator controlled by a /throttle/ slide valve /Invariantnyi slediaschii privod s zolotnikovym /drossel'nyim/ upravleniem gidrodvigatelem/. 16 p2809 A67-31378
- IAZDOVSKII, V. I.**
Transformation of human waste products and the biocomplex to maintain a life cycle in small closed spaces /O transformatsii produktov zhiznedelatel'nosti cheloveka i biokompleksa pri osushchestvlenii krugovorota veshchestv v malyykh zamknutykh prostranstvakh/. 02 p0187 A67-12326
- IAZYSKII, B. IA.**
Microwave dispersion in barium titanate above the Curie point /K voprosu o SVCh dispersii v titanate baria vyshye tochi Kiur/. 05 p0868 A67-17060
Super-high frequency dispersion in barium titanate above the Curie temperature. 15 p2538 A67-29791
Electrical properties of barium titanate crystals /Elektricheskie svoystva kristallov titanata baria/. 22 p3859 A67-39579
- IBBERSON, V. J.**
Non-steady modulated MHD systems. 16 p2607 A67-30595
Temperature and velocity modulated M.H.D. systems. 18 p3085 A67-33702
- IBBETSON, A.**
Taylor columns. 21 p3614 A67-38999
- IBELE, W. E.**
Heat transfer bibliography. 01 p0167 A67-10978
Heat transfer bibliography. 17 p2969 A67-32450
Experimental studies of the electrode heat transfer in a MPD arc configuration. [AIAA PAPER 67-673] 21 p3691 A67-38706
- IBEN, I., JR.**
Stellar evolution - Comparison of theory with observation. 08 p1387 A67-20982
Stellar evolution. VI. 09 p1566 A67-22225
Stellar evolution. VII. 09 p1566 A67-22226
Age-helium content correlations for two low-mass field binary systems. 11 p1858 A67-23996
Surface helium abundance in horizontal branch and halo B stars. 17 p2947 A67-32764
- IBIRICU, M. M.**
Stable and unstable regimes in solid propellant combustion. 01 p0143 A67-11448
- IBRAEV, T. A.**
Investigation of cosmic-ray variations by study of effects in stony meteorites. 02 p0310 A67-12581
Determination of the preentry dimensions of meteorites by the effects of nuclear reactions caused by cosmic rays /Opredelenie doatmosfernykh razmerov meteoritov po effekтам iadernykh reaktsii, vyzvannykh kosmicheskimi luchami/. 05 p0887 A67-16099
Evaluation of the preatmospheric size of meteorites on the basis of the effects of nuclear reactions induced by cosmic rays. 24 p4238 A67-42775
- IBRAGIM, M. A.**
Measurement of shock-wave velocity established after interaction with obstacles in the form of channeled diaphragms /Izmereniia skorosti udarnykh voln, ustanovivshiesia posle vzaimodel'stviia s preplastviliami v vide kanalov-diagram/. 18 p3028 A67-34210

IBRAGIMOV, I. S.

Optimal-control synthesis for a third-order system with two control units /Sintez optimal'nogo upravleniya dlia odnoi sistemy tret'ego poriadka s dvumia regulirulushchimi organami/. 13 p2089 A67-27705

IBRAGIMOV, M. K.

Heat release and temperature distribution in the wall of a square channel during the passage of a turbulent flow of water or mercury /Teplootdacha i raspredelenie temperatury v stenke kvadratnogo kanala pri turbulentnom techenii vody i rtuti/. 07 p1265 A67-19126

The three-dimensional correction coefficients and the transverse scales of the temperature perturbation in turbulent flow of mercury in a round tube. 16 p2724 A67-31776

Heat transfer and temperature distribution in the wall of a square duct during the turbulent flow of water and mercury. 21 p3731 A67-38170

IBRAGIMOVA, N. K.

Stability of some systems in the presence of resonance /Ob ustoychivosti nekotorykh sistem pri nalichii rezonansov/. 03 p0467 A67-12860

IBRAHIM, A. R. A. F.

Factors affecting fresh mixture entrainment in bluff-body stabilized flames. 02 p0342 A67-12029

IBRAHIM, S. K.

Potential flowfield and added mass of the idealized hemispherical parachute. 09 p1438 A67-22485

IBRAHIM, S. M.

Elastic-plastic deformation around a circular hole in a plate under cyclic loading. 12 p2016 A67-25423

IBUKI, S.

Infrared absorption of localized vibration due to lithium in zinc selenide and cadmium sulfide. 06 p1059 A67-18911

ICHIDA, K.

Monte Carlo path-integral calculations for two-point boundary-value problems. 20 p3475 A67-36481

ICHJO, B.

Measuring dielectric characteristics of thin films. 05 p0871 A67-17483

ICHIKAWA, M.

The energy principle as applied to the elastic-plastic crack model for fracture criterion. 10 p1730 A67-23829

Interaction between elastic cracks, dislocation cracks and slip bands. 16 p2769 A67-31284

Tensile and torsional fracture of low carbon steel at liquid nitrogen temperature. 16 p2689 A67-31309

ICHIKAWA, T.

Linear aerodynamic theory of rotor blades. 13 p2051 A67-27589

ICHIKI, S. K.

Emission microwave spectroscopy - OCS. 06 p1032 A67-18208

Stimulated emission from the upper-hybrid resonance in a magnetoplasma. 18 p3090 A67-34466

ICHIMARU, S.

New approach to the theory of a turbulent plasma. 20 p3496 A67-36213

ICHIMIYA, T.

A method for determination of the electron densities from data of the resonance probe. 10 p1610 A67-22951

Characteristics of plasma resonance probe and RF impedance probe in a magnetic field. 20 p3503 A67-37670

IDA, Y.

Determination of radial variation of plasma electron density by plasma resonator. 14 p2355 A67-27829

IDEHARA, T.

Higher harmonics of the anomalous cyclotron emission from partially ionized plasma. 03 p0476 A67-13358

IDELCHIK, B. M.

Investigation of titanium alloys under compressor operating conditions /Issledovanie splovov titana primenitel'no k usloviyam raboty kompressorov/. 01 p0093 A67-10546

IDIN, M. A.

Anisotropic continuous media, in which energy and the stresses depend on the gradients of the strain tensor and other tensor quantities. 11 p1876 A67-24676

IDLIS, G.

The effect of favourable orientation of

galaxies in their clusters - Its possible origin and prospects. 22 p3894 A67-40511

IDZON, M. F.

Production of gas-turbine engines /Proizvodstvo gazoturbinnyykh dvigatel'/. 11 p1798 A67-24516

IESAN, D.

Theory of coupled micropolar thermoelasticity /Sur la theorie de la thermoelasticite micropolaire couplee/. 24 p4251 A67-42659

IEVLEVA, O. B.

Oscillations of a body filled with a viscous fluid /O kolebaniyakh tela, napolnennogo vlyazkoi zhidkost'yu/. 06 p0991 A67-18810

IFEDILI, S. O.

The equatorial electrojet and the worldwide S sub q currents. 07 p1171 A67-19417

IGARASHI, M.

Modification of vestibular sensitivity in the rat. 20 p3371 A67-36818

IGARASHI, T.

Ground state ESR measurements of ruby during laser action. 15 p2497 A67-29389

IGLISIN, M. I.

Instability of electron-hole plasma in semiconductor, caused by non-linearity of voltage-current characteristics. 06 p1070 A67-18988

IGLITSYN, M. I.

Instability effects during carrier injection in gold doped, n-type germanium. 03 p0499 A67-13955

Instability of an electron-hole plasma of a semiconductor, caused by nonlinearity of the current-voltage characteristic

/Neustoychivost' elektronnoyurochnoi plazmy poluprovodnika, obuslovlennaya nelineynost'yu vol'tampernyykh kharakteristik/. 05 p0867 A67-17058

Investigation of the optical scattering in monocrystalline silicon /Issledovanie opticheskogo rasselaniya v monokristallicheskoy kremnili/. 06 p1050 A67-18183

Lifetime of excess charge carriers in InSb single crystals containing Ge and Au impurities. 08 p1387 A67-20414

The part played by oxygen in the structural changes of silicon single crystals during thermal treatment /Rol' kisloroda v izmenenii struktury monokristallov kremnili pri termicheskoy obrabotke/. 08 p1370 A67-21205

Electrical properties of compensated gallium arsenide /Elektrofizicheskiye svoystva kompensirovannogo arsenida indiya/. 10 p1694 A67-23655

Some properties of the ternary compound GaAs sub 1 sub minus x P sub x, doped with tellurium /Nekotorye svoystva troinogo soedineniya GaAs sub 1 sub minus x P sub x, legirovannogo tellurom/. 10 p1694 A67-23656

Instability of the electron-hole plasma in a semiconductor due to the nonlinearity of the current-voltage characteristics. 15 p2538 A67-29789

Electrical properties of compensated indium arsenide. 17 p2923 A67-33336

Some properties of the ternary compound GaAs sub 1 sub minus x P sub x doped with tellurium. 17 p2923 A67-33337

IGNATCHENKO, V. A.

Superhigh frequency susceptibility of thin ferromagnetic films in weak magnetic fields. 08 p1387 A67-20605

Some peculiarities of nuclear magnetic resonance in ferromagnets. 16 p2686 A67-31731

IGNATENKO, I. U. V.

Flame turbulence study by photoelectrical method /Issledovanie turbulentnost' plamen fotoelektricheskimi metodami/. 05 p0927 A67-16942

Investigation of flame turbulence by the photoelectric method. 14 p2406 A67-28490

IGNATEV, M. B.

Control and correction in solving differential equations on a computer. 20 p3392 A67-37224

IGNATEV, P. P.

Preliminary results of a study of radiation with the aid of the artificial earth satellite Cosmos 53 /Predvaritel'nye rezul'taty issledovaniya radiatsii s pomoshch'yu ISZ Cosmos-53/. 05 p0879 A67-16107

Cosmic-ray study on the satellite Cosmos 53 /Issledovanie kosmicheskikh luchey na sputnike Cosmos-53/. 23 p4055 A67-41099

Preliminary results of investigation of

cosmic radiation by means of Kosmos 53. 24 p4213 A67-42783

IGNATEVA, V. G.

A new installation at the Tyan'-Shan' Mountain station for investigation of strong interactions at energies of 100 to 1000 Bev - First results. 22 p3801 A67-40248

IGNATIUK, V. A.

High-voltage photo-emf in epitaxial zinc telluride films /Vysokovol'tnaya fotoemf v epitaksial'nykh plenkakh tellurida tsinka/. 05 p0868 A67-17061

High-voltage photo-EMF in epitaxial films of zinc telluride. 15 p2538 A67-29792

IGNATOV, A. A.

Solution of the optimal filtration problem if random signals change their properties at known time instants. 03 p0390 A67-13099

IGNATOV, I. V.

Natural frequencies of the longitudinal oscillations of rods with random parameters /Sobstvennyye chastoty prodol'nykh kolebaniy sterzhnei so sluchainymi parametrami/. 12 p2031 A67-25957

Estimation of the probability characteristics of the parameters of oscillating motion /Otsenki veroyatnostnykh kharakteristik parametrov oskulyuyushchego dvizheniya/. 20 p3485 A67-36922

IGNATOV, I. U. F.

The effect of noise on the accuracy of a phase-locked AFC system. 01 p0037 A67-10713

Synchronization failure in a phase-lock automatic frequency control system /Sryv sinkhronizatsii v sisteme fazovoi avtopodstroiki chastoty/. 18 p3000 A67-34086

IGNATOV, V. M.

Jet fuels in the U.S. and Great Britain /Reaktivnye topliva SSHA i Anglii/. 13 p2185 A67-27068

IGNATOWICZ, S.

Properties of evaporated HgTe thin films /Wlasnosci cienkich warstw naporowywanych z HgTe/. 02 p0280 A67-11463

IGNATOWICZ, S., JR.

Properties of mercury telluride thin films. 06 p1050 A67-18185

IGRAS, E.

Anomalous photovoltages in CdSe and CdS thin layers. 13 p2175 A67-26429

IGUMNOV, V. V.

Specialized amplifier for studying high-speed technological processes /Spetsializirovannyi usilitel' dlia issledovaniya skorostnykh tekhnologicheskikh protsessov/. 21 p3600 A67-38918

IGUSHKIN, L. P.

Motion of symmetric current-carrying plasmoids along the axis of a semiinfinite cylindrical waveguide. 20 p3497 A67-36680

IHARA, S.

The flow of conducting fluids in circular pipes with finite conductivity under uniform transverse magnetic fields. 10 p1687 A67-23833

II, J. M.

Evaluation of unsteady aerodynamic forces and dynamic response of flexible aircraft structure to continuous turbulence in supersonic flight. 10 p1595 A67-23736

IIDA, S.

Wind tunnel investigations of a ground effect machine model. 02 p0180 A67-11534

Preparation of GaAs-Ge and InAs-GaAs heterojunctions in a closed tube system using iodine process. 23 p4043 A67-41432

IIGUCHI, S.-I.

Some notes on the open-type waveguide and the Kirchhoff-Huygens principle. 18 p3011 A67-34020

Transmission phenomenon of inhomogeneous electromagnetic wave into a negative permittivity medium. I. 23 p3975 A67-41480

IJIMA, S.

On the biennial component in the rate of rotation of the earth. 23 p3996 A67-41085

IYOSHI, A.

Limitation on ion cyclotron heating in the local mirrors of the C stellarator. 15 p2523 A67-29212

Confinement of energetic plasma in magnetic mirrors in the model C stellarator. 15 p2523 A67-29213

IIZUKA, K.

The traveling-wave V-antenna and related antennas. 11 p1761 A67-24283

Technique of fabricating inhomogeneous mediums and the behaviour of a dipole in such a medium. 13 p2082 A67-27407

The array of two traveling-wave V-

- antennas as a spacecraft
antenna. 16 p2639 A67-31360
- IIZUKA, T.
Gold-induced dislocation loops in silicon crystals. 05 p0866 A67-16974
- IKARI, H.
Diffusion of Li in InSb. 01 p0137 A67-11067
- IKEBE, Y.
Linearization of time independent nonlinearities by use of an extra signal and extra nonlinearity.
[ASME PAPER 66-WA/AUT-21] 04 p0592 A67-15392
- IKEDA, T.
Phase equilibrium in the system PbO-TiO sub 2 -ZrO sub 2. 12 p1986 A67-26188
- IKEGAMI, H.
A study of cross flow fan.
I. Shell structure of a hot-electron plasma. 18 p3025 A67-33650
22 p3854 A67-40243
- IKEGAMI, S.
Mechanism of aging in polycrystalline BaTiO sub 3. 14 p2364 A67-28228
- IKEGAMI, T.
Resonance-like characteristics of the direct modulation of a junction laser. 07 p1196 A67-19800
Investigation of semiconductor junction laser by electromagnetic wave theory. 18 p3060 A67-34019
- IKEMURA, T.
Generation of harmonics of the plasma waves excited near electron cyclotron harmonics. 06 p1046 A67-18831
- IKENAGA, M.
Killing and mutagenic efficiencies of heavy ionizing particles in Arabidopsis thaliana. 06 p0953 A67-18379
- IKENOUE, J.-I.
Excitation of Fabry-Perot resonator. II. Mutual frequency entrainment of two reflex klystrons. 17 p2868 A67-32668
20 p3398 A67-36772
A study on nonreciprocal parametric amplifiers. 22 p3771 A67-39638
- IKEZI, H.
Resonances of a radio frequency probe in a plasma. 04 p0663 A67-14614
Observation of an instability in a hot electron plasma. 04 p0663 A67-14621
Shell structure of a hot-electron plasma. 22 p3854 A67-40243
- IKOLA, A. L.
LMSC pyrotechnic shock experience. [SAE PAPER 660717] 01 p0139 A67-10606
- IKOMA, H.
On the threshold of current saturation in GaAs. 14 p2364 A67-27826
Non-ohmic properties in n-type InSb. 21 p3683 A67-38405
- IKOMA, T.
Frequency-modes of Gunn-effect oscillator. 05 p0872 A67-17531
- IKONNIKOV, I. A.
Determination of similarity criteria for magnetohydrodynamic phenomena on the basis of dimensionality analysis /Opredelenie kriteriev podoblia magnitogidrodinamicheskikh iavlenii na osnovanii analiza razmernosti/. 21 p3665 A67-38248
- IKRAMOVA, M.
Energy distribution of the electrons emitted from alkali halide films under bombardment with He super plus and Ar super plus ions. 13 p2177 A67-27074
- IKUSHIMA, H.
Electrical conduction in reduced single crystals of barium titanate. 14 p2363 A67-27824
- ILBERG, V.
Some properties of diffused silicon phototransistors /Niektore wlasnosci krzemowych fototranzystorow dyfuzyjnych/. 05 p0770 A67-16169
- ILENKO, B. P.
Investigation of plasma capture in a covered collector /Issledovanie zakhvata plazmy v zamknutoi lovushke/. 15 p2529 A67-29717
Measurement of the polarization of a plasma in a closed trap. 20 p3497 A67-36681
- ILENKOV, A. I.
The transfer characteristic of a semiconductor diode. 01 p0035 A67-10398
- ILES, P. A.
Experience with and future of lithium containing silicon solar cells. 23 p3941 A67-41526
- ILGACH, S. F.
Presence of anisotropy of cosmic rays with energies in the range from 10 super 10 to 10 super 12 ev in galactic space /K voprosu o nalichii anizotropii kosmicheskikh luchei s energiei 10 super 10-10 super 12 ev v galakticheskom prostranstve/. 05 p0881 A67-16120
Temperature effect of the neutron component /O temperaturnom effekte neitronnoi komponenty/. 17 p2933 A67-32088
Planetary distribution of cosmic-ray intensity and the temperature effect /Planetarnoe raspredelenie intensivnosti kosmicheskikh luchei i temperaturnyi effekt/. 17 p2933 A67-32090
Sidereal diurnal variations of cosmic rays /O zvezdnosutochnoi variatsii kosmicheskikh luchei/. 23 p4058 A67-41128
Concerning the anisotropy of 10 super 10 - 10 super 12 ev cosmic rays in galactic space. 24 p4214 A67-42796
- ILGAMOV, M. A.
Free and parametric oscillations of a cylindrical shell of infinite length in an acoustic medium /Svobodnye i parametricheskie kolebania tsilindricheskoi obolochki beskonечноi dliny v akusticheskoi srede/. 04 p0717 A67-15888
Vibrations of a cylindrical shell during high frequency pulsations of internal pressure /Kolebania tsilindricheskoi obolochki pri vysokochastotnykh pulsatsiiakh vnutrennego davleniia/. 20 p3536 A67-36445
- ILIAS, D.
Spread F and geomagnetic activity in middle latitude. [AGARDOGRAPH 95] 15 p2481 A67-30284
Early morning effect on the F-region from ground station observations. 16 p2864 A67-30976
- ILIASOV, I. U. P.
Wide-band feed for an antenna of "parabolic cylinder" type /Shirokopolosnyi obluchatel' dlia anteny tipa "parabolicheskii tsilindr"/. 08 p1306 A67-21340
Wide-band feed with electrical scanning of radiation patterns /Diapazonnyi obluchatel' s elektricheskim skanirovaniem diagrammy napravlenosti/. 08 p1306 A67-21341
Wide-range exciter for a "parabolic cylinder" antenna. 17 p2822 A67-31936
Wide-range exciter with an electrically scanned radiation pattern. 17 p2822 A67-31937
Electric beam control in a multiple-tuned antenna array with zoned phase shifters in the case of a change in frequency /Elektricheskoe upravlenie luchom v diapazonnoi antennoi reshetke s zonirovannyi fazovrashchatelami pri izmenenii chastoty/. 20 p3403 A67-37507
Application of remote preamplifiers in antenna arrays operating in the meter range /O primenenii vynosnykh preduslitlelei v antennykh reshetkakh metrovogo diapazona/. 20 p3403 A67-37508
Resolving power of correlation-type arrays /Razreshalushchie sposobnosti korrellatsionnykh reshetok/. 20 p3403 A67-37509
- ILICHEV, V. IA.
Stability of the austenite in some Fe-Cr-Ni alloys under low-temperature strain /Stabil'nost' austenita v nekotorykh Fe-Cr-Ni-splavakh pri nizkoteraturnoi deformatsii/. 04 p0636 A67-14753
Grips for mechanical tests in vacuum over a wide temperature range. 11 p1877 A67-24819
Stability of austenite in some Fe-Cr-Ni alloys in deformation at low temperatures. 18 p3066 A67-34411
- ILICHEVA, A. D.
Malfunctioning of an inertial navigation system due to inaccurate integration /Pogreshnosti sistemy inertsial'noi navigatsii iz-za netochnosti integrirvaniia/. 16 p2699 A67-30468
- ILIN, A. M.
Parabolic equations with continuous coefficients /O parabolicheskikh uravneniiakh s nepreryvnyimi koeffitsientami/. 07 p1212 A67-19139
- ILIN, B. V.
Problems involved in achieving invariant multiloop control /O nekotorykh problemakh osushchestvleniia invariantnogo mnogosvaznogo regulirovaniia/. 16 p2643 A67-31379
- ILIN, L. A.
Design of conical shells for antisymmetric loads /Raschet konicheskikh obolochek pri antisimmetrichnykh nagruzkakh/. 08 p1424 A67-21427
- ILIN, R. F.
Nonlinear oscillations of a one-dimensional elastic object /O nelineynykh kolebaniiakh odnomernogo uprugogo ob'ekta/. 12 p2032 A67-25966
- ILIN, R. N.
Charge transfer of protons in alkali metal vapors with the formation of highly excited hydrogen atoms. 08 p1358 A67-20855
- ILIN, S. D.
SHF diagnostics of a plasma jet /Sverkhvysokochastotnaia diagnostika strui plazmy/. 22 p3799 A67-39764
- ILIN, V. A.
Approximate solution of the problem of one-pulse and two-pulse optimum transfer between coplanar circular orbits /Priblizhennoe reshenie zadachi ob optimal'nykh odnoimpul'snykh i dvukhimpul'snykh pereletakh mezhdu komplanarnymi krugovymi orbitami/. 09 p1564 A67-21888
Synthesis of near-lunar-orbit trajectories with reentry into the earth's atmosphere /Sintez traektorii blizkogo obleta luny s vozvrashcheniem v atmosferu zemli/. 13 p2210 A67-27616
- ILIN, V. D.
High-frequency discharge in an annular electrode /Vysokochastotnyi razriad vnutri kol'tsevoogo elektroda/. 01 p0122 A67-10348
High-frequency discharge in a ring electrode. 11 p1844 A67-25021
- ILIN, V. S.
Calculation of the natural frequencies of axially symmetric resonators and the cutoff wavelengths of regular waveguides. 01 p0035 A67-10394
- ILINA-KAKUEVA, E. I.
Cardiac changes under hypoxia -An experimental morphological study /Izmeneniia v serdtse pri gipoksii eksperimental'no-morfologicheskoe issledovanie/. 13 p2058 A67-26756
Histochemical investigation of tissue enzymes during hypothermia and hypobiosis /Gistokhimicheskoe issledovanie tkanykh fermentov pri gipotermii i gipobioze/. 24 p4112 A67-41853
- ILINA, E. V.
Investigation of a supersonic rarefied argon plasma jet /Issledovanie sverkhzvukovoi strui razrezhennoi argonovoi plazmy/. 11 p1842 A67-24963
- ILINA, G. V.
Effect of space-flight factors on wheat seeds and plants grown from them. 11 p1747 A67-24081
- ILINA, N. P.
Problem of the angular distribution of mu-mesons /K voprosu ob uglovom raspredelenii mu-mezonov/. 02 p0317 A67-12773
Concerning the angular distribution of mu mesons. 22 p3877 A67-40275
- ILINOVA, T. M.
Theory of a two-photon laser /K teorii dvukhfotonnogo lazera/. 02 p0252 A67-12421
The two-photon laser /O dvukhfotonnom lazere/. 04 p0631 A67-14745
Nonlinear properties of the laser as an amplifier. 05 p0825 A67-17232
- ILINSKII, A. S.
Method for studying irregular waveguides with impedance boundary conditions /Metod issledovaniia neregularnykh volnovodov s impendansnymi granichnymi usloviami/. 24 p4120 A67-42159
- ILITCH, R. J.
Application of Saltykov's method to three-parameter partial differential dynamics equations integrable by separation of variables - The second type of the first class /Application de la methode de N. Saltykov aux equations aux derivees partielles de dynamique, a trois parametres, integrables par separation des variables - Le second type de la premiere classe/. 15 p2510 A67-29518
- ILIUKHIN, A. G.
Contribution to the theory of the perturbed Kepler motion of a material point in the presence of a small tangential force /K teorii vozmushchennogo Keplerova dvizheniia material'noi tochki pri nalichii maloi tangentsial'noi sily/. 15 p2556 A67-29659

ILIUSHIN, A. A.
A stress-rupture strength theory /Ob
odnol teorii dlitel'noi
prochnosti/. 21 p3717 A67-37969

ILIUTOVICH, A. E.
Optimization of the motion of a space
vehicle with a solar-energy-operated engine
/Optimizatsiya dvizheniya kosmicheskogo
apparata s dvigatelem, ispol'zuyushchim
solnechnuyu energiyu/. 09 p1571 A67-21886

ILL, M.
Preliminary analysis of INTEROBS
programme observations. 05 p0763 A67-16556

ILLI, M.
Characteristics of the switching behaviour
of diodes and transistors. 15 p2449 A67-29803

IMAEDA, K.
Transverse-momentum distribution of
secondaries from high-energy nuclear
interactions and interpretation by means of
a statistical model. 13 p2195 A67-27580

IMAI, I.
Cyclotron resonance line width of
germanium and silicon in the quantum
limit. 06 p1064 A67-18945
A model of typhoons accompanied by
inner and outer
rainbands. 10 p1676 A67-22813

IMAI, M.
The noninteracting control of
multivariable linear systems by relay
elements. 22 p3777 A67-39839

IMAI, S.
Figure of merit of high-frequency
transistors. 04 p0585 A67-15501
Effect of the emitter barrier capacitance
on $f_{sub\alpha}$ and f_{subT} of drift
transistors. 04 p0585 A67-15502
Design consideration of base impurity
distribution for figure of merit of high-
frequency transistors. 20 p3398 A67-36770

IMAI, T.
On the effects of Cu on As doped
germanium tunnel
junctions. 05 p0866 A67-16986

IMANALIEV, M.
The asymptotic form of the solution to
the Cauchy problem for an integro-
differential equation with a small
parameter. 08 p1348 A67-21152

IMANI, K.
Shock tube studies of magnetically
induced non-equilibrium ionization in
potassium-seeded argon
plasma. 09 p1540 A67-21788
Nonequilibrium MHD generator with
metastable N sub 2 in Ar-N sub 2 -K by
auxiliary electric
discharge. 12 p1898 A67-25388

IMAS, I. A.
Study of a laser based on neodymium-
activated glass with external feedback
/Issledovanie opticheskogo kvantovogo
generatora na stekle aktivirovannom
neodimom s vneshnei obratnoi
svyaz'yu/. 06 p1012 A67-18782
Investigation of a neodymium laser
with a spherical mirror resonator
/Issledovanie OKG na neodimovom stekle s
rezonatorom iz sfericheskikh
zerkal/. 06 p1012 A67-18783
Effect of powerful
light fluxes on
metals. 08 p1337 A67-20856
Investigation of a neodymium-glass laser
with external feedback. 18 p3059 A67-33724
Investigation of a neodymium-glass laser
with spherical mirrors. 18 p3059 A67-33725

IMAZEKI, Y.
Electrical properties of metal thin films
which are evaporated on a rotating
cylindrical substrate. 16 p2727 A67-30899

IMBER, M.
Variation of the thermal conductivity of
solid propellants in an acoustic
field. 15 p2545 A67-30199

IMBUSCH, G. F.
Energy transfer in
ruby. 05 p0862 A67-16659
Energy transfer in
ruby. 07 p1234 A67-20124

IMENITOVA, ZH. M.
Unsteady dynamic field excited by a
source moving along the boundary of an
elastic half-plane /O nestatsionarnom
dinamicheskom pole, vzbuzhdaemom
istochnikom, dvizhushchimsya po granitse
uprugoi poluploskosti/. 21 p3716 A67-37967

IMENKO, A. N.
Kinetics of recombination of excess
carriers in GaAs p-n
junctions. 05 p0861 A67-16391

Effect of hydrostatic pressure and
temperature on the characteristics of tunnel
p-n junctions in GaAs /Vliyanie
vsestoronnego davleniya i temperatury na
kharakteristiki tunnel'nykh p-n-perekhodov v
GaAs/. 09 p1554 A67-21977
Influence of uniform pressure and of
temperature on the characteristics of p-n
tunnel junctions in GaAs. 17 p2923 A67-33314

IMHOF, W. L.
Direct evidence for corpuscular radiation
effects on the ionosphere in the southern
anomaly region. 12 p1996 A67-25776
Long-term study of electrons trapped on
low L shells. 14 p2380 A67-28051

IMMEN, F. H.
Some structural considerations in the
design of the Chinook helicopter.
[SAE PAPER 660667] 01 p0010 A67-10575

IMMIRZI, F. S.
The character of the received I.L.S. signal
and its relation to
monitoring. 13 p2154 A67-26986

IMMOVILLI, G.
Cross-correlation and statistical
dependence between envelope and
frequency deviation of a sine wave plus
random noise. 11 p1753 A67-24646
Coincidence of pulses in amplitude and
frequency deviations produced by a random
noise perturbing an FM wave. An
amplitude-phase correlation FM
demodulator. 22 p3758 A67-39271

IMOTO, K.
Nondestructive testing. 03 p0430 A67-13549

IMPELLIZZERI, L. F.
Development of a scatter factor applicable
to aircraft fatigue life. 10 p1594 A67-23436

IMSCHENETSKY, A. A.
A comparative evaluation of different
methods for detection of extraterrestrial
life. 19 p3180 A67-35250

IMSHENETSKII, A. A.
Exobiology and the effect of physical
factors on
micro-organisms. 15 p2427 A67-29117

IMSHENNIK, V. S.
A cylindrically symmetric shock wave in
the presence of dissipative
phenomena. 06 p0984 A67-18029
Theory of nonlinear oscillations of an
electron plasma /K teorii nelineynykh
kolebaniy elektronnoi
plazmy/. 13 p2171 A67-27615
Two-dimensional flows of an ideally
conducting gas near the zero line of a
magnetic field /Dvukhmernye techeniya
ideal'no provodimogo gaza v okrestnosti
nulevoi linii magnitnogo
pola/. 14 p2363 A67-29076

IN, S.-D.
Effect of impurity microsegregation on the
thermoelectric properties of Bi sub 2 Te sub
3. 05 p0861 A67-16498

INABA, H.
Direct observation of output beam
patterns from N sub 2 -CO sub 2 laser at
10.6 μ m by thermal development
method. 24 p4186 A67-41908

INAIATOV, A. IA.
Microthermocouples and their installation
and calibration by various devices
/Mikrotermopary, ikh ustanovka i
gradirovka razlichnyimi
priborami/. 17 p2860 A67-32831

INAMI, S. H.
The quenching of premixed flames by
volatile inhibitors. 02 p0342 A67-12031

INCARBONE, G.
Elasto-plastic behavior of riveted joints
/Comportamento elasto-plastico delle
giunzioni rivettate/. 01 p0163 A67-11151

INCE, A. N.
Design studies for reliable long-range
ground-to-air
communication. 23 p3972 A67-40742

INCE, D. B.
Application experience with the B-70
flight test data system. 20 p3442 A67-36467

INCROPERA, F. P.
Investigation of arc jet temperature-
measurement techniques. 11 p1793 A67-24825

INFANTE, E. F.
Finite time stability under perturbing
forces and on product
spaces. 11 p1771 A67-24892
Extended dynamical systems and stability
theory. 24 p4178 A67-42652

ING, D. W.
Epitaxial growth of aluminum
nitride. 23 p4037 A67-40722

INGALLS, R. P.
Radar observations of Venus at 3.8-cm
wavelength. 05 p0889 A67-16296

INGARD, U.
Generation of vorticity by waves in a
plasma. 15 p2524 A67-29231
Acoustic wave mode in a weakly ionized
gas. 17 p2909 A67-33229

INGELS, F. M.
A new method for calculating the
propagation reliability of 2 GHz microwave
signals over optical paths. 13 p2066 A67-26406

INGER, G. R.
Nearly equilibrium dissociating boundary-
layer flows by the method of matched
asymptotic expansions. 05 p0792 A67-16818
Shear-flow transients from a suddenly
changed blowing current. 05 p0751 A67-17420
Laminar boundary-layer solutions with
strong blowing. 19 p3211 A67-35754
Massive blowing into boundary layer flows
along slender bodies. 22 p3739 A67-39935
An integral-method solution for massive
blowing on slender hypersonic
bodies. 23 p3932 A67-41743

INGERLE, K.
Strain in circular and oval tubes due to an
even pressure /Die Beanspruchung
kreisrunder und ovaler Rohre durch
gleichmaessigen Druck/. 17 p2958 A67-32259

INGHAM, D. B.
Dual solutions of the magnetogasdynamic
boundary-layer equations. 06 p1041 A67-18134
The magnetogasdynamic boundary layer
for a thermally conducting
plate. 21 p3675 A67-39090

INGHAM, M. F.
The distribution of dust in interplanetary
space. 17 p2947 A67-32758
The zodiacal light. 22 p3794 A67-40426

INGLE, R.
The ignition of flammable fluids by hot
surfaces. 09 p1580 A67-22248

INGLESAKIS, G.
Study of the interaction of a transverse
magnetic field and a supersonic flow of
ionized argon /Etude de l'action d'un champ
magnetique transversal sur un courant
supersonique d'argon
ionise/. 09 p1540 A67-21787
Investigation of the effect of a strong
transverse magnetic field on a supersonic
flow of ionized argon /Issledovanie vliyaniya
sil'nogo poperechnogo magnitnogo polya na
sverkhzvukovoi potok ionizovannogo
argona/. 17 p2898 A67-32184

INGOLD, J. H.
Thermionic energy
conversion. 01 p0013 A67-10557

INGRAHAM, J. C.
Anomalous plasma loss
processes. 11 p1829 A67-24002
Electron-atom collision cross-section
measurements in the afterglow of a pulsed
cesium plasma. 19 p3271 A67-35076

INGRAHAM, R. C.
Preparation of photolithographic masks for
integrated and thin-film circuits /Herstellung
von fotolithografischen Masken fuer
integrierte Schaltungen und Duenn-film-
Schaltungen/. 13 p2124 A67-27390

INGRAM, C. W.
A spin scale theory for rigid body
integration using the Frick slip
frame. 05 p0906 A67-17362
The determination of aerodynamic stability
coefficients from sounding rocket flight
data. 08 p1407 A67-20517
A technique for analyzing the dynamic
behavior of missiles. 14 p2395 A67-29058

INGRAM, D. S.
Preliminary orbit determination for lunar
satellites. 22 p3879 A67-39310
Satellite motion about an oblate planet for
low and moderate
eccentricities. 22 p3880 A67-39313

INGRAM, H. L.
The automation of optimization problems.
[AAS PAPER 66-116] 07 p1149 A67-18976
The automation of optimization problems.
[AAS PAPER 66-116] 13 p2074 A67-27531

INGRAM, J. C., JR.
Structural fasteners for extreme
temperature utilization. 24 p4160 A67-42078

INGRAM, J. D.
A continuum theory of chemically reacting
media. II. 11 p1783 A67-25001

INGULTSOV, V. L.
Effect of temperature stresses on the
stability of a three-layer wing panel of
asymmetric structure /Vliyanie

- temperaturnykh napriazhenii na ustoiichivost' trekhslonnoi paneli kryla nesimmetrichnoi struktury/. 05 p0913 A67-16191
Thermal stresses in a three-layer cylindrical shell of finite length /Temperaturnye napriazheniia v trekhslonnoi tsilindricheskoj obolochke konechnoi dliny/. 16 p2765 A67-31049
- INMAN, A. E.
Facilities, handling and transportation for the Titan III ITL system. [SAE PAPER 660706] 01 p0050 A67-10599
- INN, E. C. Y.
Intensity measurements of the 1 mu CO sub 2 bands. 06 p1031 A67-17870
Charge transfer between He super plus and N sub 2. 08 p1326 A67-21358
- INNANEN, K. A.
On mass models of the galactic system. 02 p0324 A67-11768
The sun's orbit in a mass model of the galactic system. 02 p0330 A67-12714
- INNES, F. R.
Selective enhancement in hydrogenlike molecules with the rare gases. II. 18 p3083 A67-34518
- INOMATA, A.
Is the de Sitter universe responsible for Mach's principle/ques/. 05 p0847 A67-16803
- INOSE, H.
Asynchronous delta-modulation system. 10 p1606 A67-23063
- INOUE, K.
A study on statistical synthesis of optimal final-value control system under random environments. 05 p0783 A67-16442
- INOUE, M.
Crystal growth and orientation of vacuum deposited films of CdTe. 12 p1982 A67-25450
Energy spectra of inelastic scattering of 28.4-Mev alpha particles. 21 p3659 A67-38401
- INOUE, N.
A high resolution echelle monochromator and its application to ion temperature measurement of He plasma. 04 p0663 A67-14767
- INOUE, Y.
Statistical deflection of a parallelogrammic plate with clamped edges subjected to uniform pressure. 15 p2573 A67-29312
- INOUE, G. T.
Vela 3 magnetograms at 18 R sub E structure and pulsations in the magnetosheath. 20 p3433 A67-37410
- INOZEMTSEV, B. KH.
Certain problems of stability of cylindrical shells of oval cross section /Nekotorye zadachi ustoiichivosti tsilindricheskoj obolochki oval'nogo secheniia/. 12 p2025 A67-25612
- INOZEMTSEVA, I. N.
Existence of Green's function and invariability of its sign in some boundary value problems for the equation y super n / equals g /t/y /K voprosu o sushchestvovanii i sokhraneni znaka funktsii Grina nekotorykh kraevykh zadach dlia uravneniia y super n / equals g /t/y/. 02 p0260 A67-12739
- INOZEMTSEVA, O. I.
Modulation of the solar-diurnal effect and the possibility of distinguishing the sidereal time variation in cosmic-ray intensity. 02 p0311 A67-12594
Presence of anisotropy of cosmic rays with energies in the range from 10 super 10 to 10 super 12 ev in galactic space /K voprosu o nalichii anizotropii kosmicheskikh luchei s energiei 10 super 10-10 super 12 ev v galakticheskom prostranstve/. 05 p0881 A67-16120
Possibilities of detecting cosmic-ray-intensity variations with respect to sidereal time /Vozmozhnosti vydeleniia variatsii intensivnosti kosmicheskikh luchei po zvezdnomu vremeni/. 10 p1698 A67-22780
Sidereal diurnal variations of cosmic rays /O zvezdnosutochnoi variatsii kosmicheskikh luchei/. 23 p4058 A67-41128
Possibility of determining cosmic-ray variation intensity from stellar time. 24 p4209 A67-42116
Concerning the anisotropy of 10 super 10 - 10 super 12 ev cosmic rays in galactic space. 24 p4214 A67-42796
- INTAGLIETTA, M.
The utilization of space technology in the fight against cardiovascular disease. [AIAA PAPER 66-951] 02 p0187 A67-12285
- INTORRE, B. J.
Fecal waste management unit. [SAE PAPER 670852] 24 p4115 A67-42001
- INUISHI, Y.
Si-Si oxide interface. 02 p0293 A67-11751
Investigation of the validity of the probe technique of plasma diagnostics in a magnetic field with a microwave interferometer. 05 p0851 A67-18521
Current saturation and instabilities in CdS crystals. 06 p1066 A67-18958
Rate-equational approach to gas discharge modulation in a He-Ne laser. 07 p1195 A67-19492
Microwave measurement of differential negative conductivity due to intervalley transfer of hot electrons in n-type GaAs. 14 p2369 A67-28595
Noise and modulation of He-Ne laser. 18 p3058 A67-33648
Transport phenomena and microwave generation in bulk InSb crystal at high electric and magnetic fields. 20 p3514 A67-37544
Two types of microwave emission from InSb. 21 p3683 A67-38403
Electrical and optical properties of AlN - A thermostable semiconductor. 21 p3684 A67-38522
- IODKO, E. A.
Method of mass exchange simulation for thermal and hydrodynamic processes /O metode massoobmennogo modelirovaniia teplovyykh i gidrodinamicheskikh protsessov/. 07 p1287 A67-19328
- IOFFE, I. V.
Excitation of oscillations in semiconductors in the presence of a large current-density inhomogeneity /Vozbuzhdenie kolebaniy v poluprovodnikakh pri sil'noi neodnorodnosti plotnosti toka/. 03 p0469 A67-13147
Contribution to the theory of shock waves in nonconducting media in the presence of an electric field. 03 p0476 A67-13203
Excitation of oscillations in semiconductors in the case of strong inhomogeneity of the current density. 10 p1689 A67-23096
- IOFFE, Z. M.
Comets in the solar wind. II. 04 p0693 A67-15563
- IOIMINYKH, S. I.
Method of calculating the radio-wave refraction and refraction-induced errors in the determination of artificial-satellite trajectories /Metod rascheta refraktsii radiovoln i refraktsionnykh oshibok pri opredelenii traektorii/. 21 p3582 A67-38593
- IORDANISHVILI, E. K.
Parametric optimization of a multicascade thermocell composed of half-cells of arbitrary shape /Optimizatsiia parametrov mnogokaskadnogo termoelementa iz poluelementov proizvol'noi formy/. 13 p2174 A67-26370
- IORDANOV, D.
Turbulent diffusion in the surface layer of the atmosphere. II /V'rkhu turbulentnata difuziia v prizmennia v'zdushen sloi. II/. 04 p0652 A67-15588
Influence of the wind profile on diffusion in the surface layer of the atmosphere in the case of unstable stratification /Vlianie na profila na viat'ra v'rkhu difuziata v prizmennia sloi pri neustoiichiva stratifikatsiia/. 04 p0652 A67-15569
- IOSELIANI, K. K.
Effect of noise and vibration on the mental work capacity of a man under conditions of limited time /Vlianie vibratsii i shuma na umstvennuiu rabotosposobnost' cheloveka v usloviakh defitsita vremeni/. 16 p2614 A67-30917
- IOSLOVICH, I. V.
Optimum stabilization of a satellite in an inertial coordinate system /Optimal'naia stabilizatsiia sputnikn v inertsiial'noi sisteme koordinat/. 09 p1571 A67-21696
Certain problems in the optimum stabilization of an axisymmetric satellite. 12 p2011 A67-25639
Optimal stabilization of an axisymmetric satellite by means of a system of n jets. 14 p2393 A67-27854
- IOUP, G. E.
Smoothing and unfolding the data of beam-collision experiments. 17 p2886 A67-33261
- IOZENAS, V. A.
The earth's ultraviolet spectrum according to the measurements from the Cosmos 65 satellite. 10 p1647 A67-23277
- The lunar ultraviolet spectrum in the range of 2850-3550 angstrom units according to the data obtained from the Zond 3 automatic space probe. 18 p3122 A67-34141
- IPATOV, V. A.
Microwave diagnostics of shock structure. 06 p0984 A67-18077
- IRELAND, D. R.
Age embrittlement of multipass welded superalloy joints. 17 p2866 A67-33199
- IRELAND, J. G.
On the effect of non-uniform rotation on stellar luminosity. 06 p1089 A67-18709
Role of impurities in interstellar graphite grains. 19 p3323 A67-35423
- IRELAND, W.
Regular fading of satellite transmissions. 07 p1141 A67-19416
- IREMONGER, M. J.
Stresses in a composite material with a single broken fibre. 23 p4077 A67-41156
- IREY, R. K.
Investigation of direct energy conversion utilizing a superconducting flux barrier. 22 p3748 A67-40151
- IRGER, D. S.
Optimal filtration according to the minmax criterion /Ob optimal'noi fil'tratsii po minimaksnomu kriteriiu/. 04 p0591 A67-14636
- IRIE, F.
Theory of hysteresis losses in non-ideal superconductors. 06 p1048 A67-17819
Theory of flux motion in non-ideal type-II superconductors. 21 p3683 A67-38402
On the concept of pinning force in type II superconductors. 22 p3858 A67-39519
- IRIE, T.
Lattice thermal conductivity of disordered alloys of ternary compound semiconductors Cu sub 2 /Sn, Ge/ /Se, S/ sub 3, /Ag, Pb, Sb/ Te sub 2, and /Ag, Sn, Sb/ Te sub 2. 04 p0675 A67-14760
- IRIKOV, V. A.
Single-wire lines for surface waves whose cross section has a complex shape. 24 p4120 A67-42230
- IRIYAMA, J.
A note on the thermal history of the moon. 16 p2747 A67-30992
- IRIYE, H.
Observation of small-scale irregularities of the radio refractive index in the lower troposphere. 11 p1787 A67-24644
- IRKHIN, I. U. P.
Exchange interaction in rare-earth metals and alloys. 16 p2733 A67-31730
- IRONS, B. M.
Engineering applications of numerical integration in stiffness methods. 01 p0163 A67-11173
- IRONS, F. H.
Charting a speedy path to active filters. 14 p2283 A67-28288
- IRTEGOV, V. D.
Stability of steady-state motions of a solid body in a potential force field /K voprosu ob ustoiichivosti statsionarnykh dvizhenii tverdogo tela v potentsial'nom slovom pole/. 02 p0267 A67-11963
On the problem of stability of steady motions of a rigid body in a potential force field. 17 p2886 A67-33280
- IRVINE, C. N.
Fabrication of composite bulkheads under tensile stress. 03 p0430 A67-13556
Fabrication of composite bulkheads under tensile stress. [ASM PAPER C6-21.2] 23 p4010 A67-41410
- IRVINE, W. M.
Absorption bands and photon optical paths in a nonconservative scattering atmosphere. 11 p1862 A67-24502
A note on the formation of irregularities in a Friedman universe. 22 p3891 A67-40493
- IRWIN, J. D.
Methods for injection-error analysis and their comparison. 19 p3254 A67-34780
- IRWIN, O. R.
Recent progress in evaluating the detonation characteristics of solid-composite propellant. 15 p2544 A67-29999
- IRWIN, R. S.
Polyimide fibers. 21 p3648 A67-37874
- ISAACS, C. D.
A new solution method for the determinantal equation of a matrix polynomial. 02 p0258 A67-11799
- ISAACS, D.
Algorithms for sequential optimization of control systems. 06 p0974 A67-17930

ISAACS, G. G.
Arc initiation at metal surfaces in a hydrogen Penning discharge. 05 p0850 A67-16066

ISAAKIAN, S. M.
Mechanism of interaction of solid bodies with a viscous fluid in the laminar regime. III /O mekhanizme vzaimodeistviya tverdykh tel s vlyazkol zhidkost'yu pri laminarnom rezhime. III/. 06 p0983 A67-17928

ISADA, N. M.
Analysis of the dynamics of aircraft seats during crash landings. [ASME PAPER 66-WA/SAF-1] 04 p0551 A67-15329

ISAENKO, V. I.
Study of a compound-cavity laser. 17 p2868 A67-32661
Two-channel single-pulse neodymium glass laser with a power of 180 joules /Dvukhkanal'nyi monimpul'snyi opticheskii kvantovyi generator na neodimovom stekle s energiei 180 dzh/. 19 p3239 A67-34986

ISAEV, A. A.
Utilization of a cable-type pulse transformer in the power-supply system of a gas laser /Ispol'zovanie kabel'nogo impul'snogo transformatora v sisteme pitania gazovogo O.K.G./ 22 p3817 A67-40414

ISAEV, S. I.
A study of the aurorae, X rays, ionosphere and related phenomena from subauroral zone stations. 12 p1937 A67-25834
The phenomenology and morphology of aurorae. 19 p3224 A67-35495

ISAEV, S. K.
A traveling-wave maser amplifier using chromium-doped rutile and placed in a magnet with superconducting coils. 05 p0825 A67-17161

ISAKAEV, E. KH.
Formation /Ignition/ of a discharge in a Penning cell in a high-vacuum magnetic field /Formirovaniye /zazhiganiye/ razriada v lacheilke Penninga v vysokom vakuumе v magnitnom pole/. 19 p3272 A67-35089

ISAKOV, I. M.
Peculiarities of a toroidal discharge at low plasma densities /Osobennosti toroidal'nogo razriada pri maloi plotnosti plazmy/. 02 p0277 A67-12617
Features of a toroidal discharge at low plasma density. 13 p2170 A67-27373

ISAKOV, P. K.
Questions concerning the evaluation of the efficiency of astronauts /according to data obtained from Voskhod 1 and 2 flights/ /Voprosy otsenki rabotosposobnosti kosmonavtov /po materialam poletov "Voskhod-1, 2"/. 16 p2618 A67-30780
Mechanisms of adaptation to extremal conditions in simulation tests /Mekhanizmy adaptatsii k ekstremal'nym vozdeistviyam v praktike eksperimentov/. 22 p3752 A67-40533

ISAKSEN, L.
Steady state technique for measuring thermal conductivity of non-metallic materials to 2500 deg K. 18 p3051 A67-34508

ISAKSON, G.
Discrete element methods for the plastic analysis of structures subjected to cyclic loading. 10 p1725 A67-23713

ISANIN, V. G.
Electron flux waves in a resonator with a transverse sinusoidal electric field /Volny elektron'nogo potoka v rezonatore s poperechnym sinusoidal'nym elektricheskim polem/. 14 p2288 A67-28807

ISAYEV, V. K.
Survey of methods for the numerical solution of variational problems of flight dynamics. 08 p1348 A67-21114

ISELL, W. M.
Experimental technique for impulse loading of structures. 08 p1414 A67-20374

ISBER, A. M.
Obtaining beam-pointing accuracy with Cassegrain antennas. 20 p3398 A67-36819

ISELER, G. W.
Sulfur donor level associated with /100/ conduction band of GaSb. 04 p0673 A67-14478

ISENOR, N. R.
Object-image relationships in scattered laser light. 05 p0824 A67-16792
Polarization and mode hopping in a gas laser. 08 p1338 A67-21314

ISHAI, O.
Elastic properties of filled and porous epoxy composites. 22 p3824 A67-39498

ISHCHENKO, E. F.
The effect of a longitudinal magnetic field

on the inversion population of the lower levels of Ar II in a capillary arc discharge. 24 p4196 A67-42244
Inversion of population of the 4s and 4p states of Ar II in a stationary arc discharge. 24 p4196 A67-42245

ISHCHENKO, V. N.
Generation from two R-lines of a ruby /Generatsiya rubina na dvukh R-liniakh/. 03 p0433 A67-13095

ISHERWOOD, B. J.
Measurement of the lattice parameter of silicon, using a double-diffraction effect. 01 p0135 A67-10894

ISHIBASHI, Y.
Transient phenomena in the capacitance of GaAs Schottky barrier diodes. 01 p0137 A67-11066
Transient phenomena in capacitance and reverse current in a GaAs Schottky barrier diode. 09 p1471 A67-21782
Trapping effects in Au-n-type GaAs Schottky barrier diodes. 14 p2364 A67-27827

ISHIDA, A.
Current saturation and instabilities in CdS crystals. 06 p1066 A67-18958

ISHIDA, F.
Peak effect in superconducting Nb-15 at. percent Zr-45 at. percent Ti alloys. 23 p4044 A67-41451

ISHIDA, T.
On the scattering propagation caused by the field aligned irregularities. 01 p0021 A67-10334
On the scattering propagation caused by the field aligned irregularities. 07 p1143 A67-19675

ISHIDA, Y.
Development of a barometric sensor insensitive to high winds. 17 p2860 A67-32816
Multiplicity measurements of cosmic ray neutron monitors in low latitude. 22 p3874 A67-40047

ISHIGURO, R.
Heat transfer from nonisothermal flat plates across a turbulent boundary layer. 22 p3918 A67-40041

ISHIGURO, S.
Experimental determination of Fermi surface in pure and doped arsenic through de Haas-van Alphen effect. 06 p1070 A67-18982

ISHIGURO, T.
Two-step saturation of pulsed current in CdS single crystals. 14 p2365 A67-28238
The second current saturation of non-Ohmic behavior in CdS single crystals. 14 p2365 A67-28239

ISHIHARA, T.
Investigation of Si-Ta sub 2 O sub 5 system prepared by sputtering. 01 p0137 A67-11071

ISHII, K.
Thin-film integrated circuits for communication equipments. 12 p1918 A67-26219
Quiescent DC discharge in cusp fields of TP-D machine. 19 p3274 A67-35104

ISHII, S.
Drift and ion acoustic waves of a highly ionized plasma. 21 p3867 A67-38412

ISHII, T.
Flutter and divergence of two dimensional panels in subsonic and transonic flow. 18 p2776 A67-31545

ISHII, T. K.
Simultaneous low frequency relaxation mode and microwave mode operation of a tunnel diode. 02 p0217 A67-12090
Electric motor energized by microwaves in a waveguide. 02 p0183 A67-12116
Microwave engineering. 04 p0583 A67-15269
Analysis of observed spectrum in the pulling of millimeter wave reflex klystrons. 05 p0780 A67-17522
Equivalent-circuit parameters of a cylindrical-cavity resonator. 07 p1153 A67-19613
Analysis of dynamic-characteristic curve of tunnel diodes. 11 p1759 A67-24132

ISHIKAWA, H.
Analysis of Esaki diode pair bistable circuit. 21 p3604 A67-38603

ISHIMARU, A.
On complex waves. 05 p0786 A67-17297
Progress in radio waves and transmission of information. 06 p0962 A67-18071
On the multidimensional aspects of the coherence tensor excited by a distributed source. 09 p1462 A67-21606

ISHIMURA, T.
A high resolution echelle monochromator and its application to ion temperature measurement of He plasma. 04 p0663 A67-14767

ISHINO, T.
Studies on the high temperature fuel cell. 20 p3366 A67-37545

ISHIZAWA, S.
The unsteady laminar flow between two parallel discs with arbitrarily varying gap width. 02 p0231 A67-11469
On the momentum-integral method of solution for the laminar entrance-flow problems. 20 p3420 A67-36420

ISHIZAWA, Y.
Experimental determination of Fermi surface in pure and doped arsenic through de Haas-van Alphen effect. 06 p1070 A67-18982

ISKANDER-ZADE, Z. A.
Question of the stability of trivial solutions of parabolic systems of partial differential equations /K voprosu ob ustoiichivosti trivial'nykh reshenii v parabolicheskikh sistem uravnenii v chastnykh proizvodnykh/. 03 p0456 A67-12861

ISKANDER-ZADE, Z. A.
The effect of transition metal impurities on the lifetime of minority carriers in N-Si. 05 p0865 A67-18967
The reactive properties of reverse-biased silicon p-n junction. 05 p0869 A67-17171
Study of electron lifetime in p-Si. 16 p2725 A67-30807
The investigation of the reactive characteristics of diffused silicon p-n junctions. 16 p2726 A67-30817

ISKOLDSKII, A. M.
Investigation of a plasma injected into a magnetic trap by means of a conical theta-pinch. 04 p0688 A67-15279
On certain characteristics of plasmas heated by collisionless shock waves. 12 p1976 A67-28074

ISKRENNOV, A. P.
Some results of an experimental study of the heat transfer in the discharge chamber of a plasmatron during the action of a magnetic field and a vortical gas flow on the arc /Nekotorye rezul'taty eksperimental'nogo issledovaniya teploobmena v razriadnoi kamere plazmatrona pri vozdeistviya na dugu magnitnym polem i vikhrevym gazovym potokom/. 24 p4098 A67-42250

ISLAM, J. N.
On a conformal theory of gravitation. 21 p3657 A67-37924

ISLEY, W. C.
Design and demonstration of a radioisotopic. [AIAA PAPER 67-425] 18 p3075 A67-33909
Optimal control applications for electrothermal multijet systems on synchronous earth spacecraft. [AIAA PAPER 67-723] 21 p3694 A67-38748

ISLINGER, J. S.
Application of mechanical loads to structures under radiant heating conditions. 24 p4172 A67-42036

ISLIP, L.
Material failures and their relation to component design. 03 p0505 A67-14387

ISLOOR, J. D.
Radio observations of the quiet sun at 49 cm. 04 p0694 A67-14486

ISMAIL, I. A.
Oscillations of a thick rectangular strip initially stressed by a finite bi-axial compression. 06 p1111 A67-18892

ISMAILOV, E. I.
Some properties of semiconductor lasers based on indium phosphide. 08 p1339 A67-21448

ISMAILOV, F. I.
Investigation of electrical conductivity and Hall effect in GaSe single crystals. 03 p0488 A67-12816

ISMAILOV, I.
Some properties of indium phosphide based semiconductor lasers /Nekotorye svoystva poluprovodnikovyykh kvantovykh generatorov na osnove fosfida indiya/. 01 p0088 A67-10065
Coherent radiation from p-n junctions in indium arsenide-phosphide. 01 p0087 A67-10101
Spontaneous radiative recombination in InP p-n junctions in the presence of small currents /Spontannaya izluchatel'naya rekombinatsiya v InP p-n-perekhodakh pri malyykh tokakh/. 04 p0679 A67-15138

- Temperature dependence of the threshold current in injection lasers and their continuous operation under liquid nitrogen cooling /Temperaturnaya zavisimost' porogovogo toka inzhetsionnykh kvantovykh generátorov i nepreryvnyy rezhim raboty pri okhlazhdenii zhidkim azotom/. 06 p1012 A67-18788
- Spontaneous radiative recombination in InP p-n junctions in the case of small currents. 12 p1979 A67-25161
- Continuous operation with nitrogen cooling for injection lasers and the temperature dependence of the threshold current. 18 p3059 A67-33730
- Effect of temperature on the spectrum and threshold current of GaAs-based epitaxial injection lasers /O villanii temperatury na spektr i porogovyy tok epitaksial'nykh inzhetsionnykh lazerov na osnove GaAs/. 19 p3238 A67-34773
- Spectral characteristics of injection lasers /O spektral'nykh kharakteristikakh inzhetsionnykh lazerov/. 19 p3238 A67-34774
- Properties of injection lasers at 0.8-1.1 μ m. 21 p3639 A67-37943
- Coherent emission of InP optically excited by an injection laser. 22 p3814 A67-39461
- ISMAILOV, M. A.**
- Second boundary-value problem for the differential equation of elastic equilibrium of a shallow cylindrical shell /Vtoraia kraevaya zadacha dlia differentsial'nogo uravneniya uprugogo ravnovesia pologo tsilindricheskoi obolochki/. 20 p3543 A67-37721
- ISMAILOV, M. Z.**
- On the new semiconducting compound HgTlS sub 2. 07 p1233 A67-19650
- About a group of three component compounds being analogous to binary semiconductors of the A super III B super VI type. 21 p3687 A67-39144
- ISMAILOV, O.**
- Investigation of the effect of impurities on the properties of CdSnAs sub 2 /Issledovanie villanii primesel na svoystva CdSnAs sub 2/. 13 p2184 A67-27707
- Nernst-Ettingshausen transverse effect in the intrinsic-conductivity region of indium antimonide /Poperechnyy effekt Nernsta-Ettingsgauzena v antimonide indiya v oblasti sobstvennoi provodimosti/. 19 p3300 A67-34763
- ISMAILOV, Z. I.**
- Lower-order harmonic oscillations in tunnel-diode electric circuits /Nizshie garmonicheskie kolebania v elektricheskikh tseplakh s tunnel'nyimi diodami/. 11 p1768 A67-24858
- Broadening the passband of tank circuits /Rasshirenie polosy propuskaniya kolebatel'nykh konturov/. 13 p2071 A67-27277
- ISO, A.**
- Effects of the atmospheric composition and the electric field on the electron temperature. 05 p0798 A67-16862
- ISOBE, T.**
- Effects of phase locking on modulation characteristics. 11 p1754 A67-24725
- ISOGAI, K.**
- Experimental and calculated results of supersonic flutter characteristics of low aspect-ratio flat-plate surfaces. 08 p1416 A67-20530
- Results of supersonic flutter characteristics of low aspect-ratio flat-plate surfaces. 19 p3343 A67-35775
- ISRAEL, G.**
- Direct sounding of the atmosphere of planets /Sondage direct de l'atmosphère des planètes/. 14 p2322 A67-28964
- ISRAEL, W.**
- Possible instability in the self-closure phenomenon in gravitational collapse. 24 p4226 A67-41885
- Gravitational bounce. 24 p4189 A67-42599
- ISRAESEN, O. A.**
- The conception and development of Arnold Center's advanced ground test facilities. 05 p0788 A67-16617
- ISSARTIER, P.**
- Measurement of the internal wall pressure of obstacles in hypersonic wind tunnels with reflected shock waves /Mesure de la pression a la paroi des obstacles dans les souffleries hypersoniques a choc reflechi/. 01 p0005 A67-10259
- ISTRATOV, A. G.**
- The effect of transport processes on the stability of a plane flame front. 11 p1883 A67-24672
- ISTVAN, E. J.**
- Organization and program of Intelsat. [AIAA PAPER 66-332] 06 p1120 A67-17707
- U.S. domestic satellite programme. 23 p4086 A67-41430
- ISUPOV, V. A.**
- Ferroelectric properties of PbTiO sub 3 - PbZrO sub 3 - PbNi sub 1/3 Nb sub 2/3 O sub 3 solid solutions. 03 p0498 A67-13704
- ITAKURA, K.**
- Coupled strip transmission line with three center conductors. 02 p0193 A67-11777
- Slit-coupled strip transmission lines. 04 p0592 A67-14862
- Focusing lens for electromagnetic waves. 18 p3010 A67-33646
- ITAKURA, M.**
- Hall effect and thermoelectric power in semiconductive TiO sub 2. 12 p1982 A67-25452
- ITAKURA, T.**
- Resonance in a slightly tilted waveguide. 01 p0040 A67-11233
- ITALIANO, P.**
- Vertebral fractures in pilots from helicopter accidents /Le fratture vertebrali dei piloti negli incidenti da elicottero/. 12 p1902 A67-25170
- Development of vertebral fractures from ejection and medicolegal considerations /Evoluzione delle fratture vertebrali da eiezione e considerazioni medico-legali/. 21 p3575 A67-38510
- ITASAKA, T.**
- Bonding and packaging techniques. 12 p1951 A67-26214
- ITO, H.**
- Study of a conical electrode plasma gun. 03 p0476 A67-13353
- ITO, I.**
- On the electromotive force and the electric conductivity accompanied with the detonation of explosives. 02 p0268 A67-12500
- ITO, M.**
- Development of a laser communication system. I. 13 p2068 A67-26724
- Development of a laser communication system. II. 13 p2068 A67-26725
- ITO, N.**
- Transition of extensive air showers in the atmosphere. 08 p1377 A67-21437
- Studies of cosmic ray neutrino interactions in the Kolar gold field experiment. 24 p4210 A67-42582
- ITO, R.**
- Cyclotron resonance line width of germanium and silicon in the quantum limit. 06 p1064 A67-18945
- ITO, S.**
- Star system. II. 13 p2067 A67-26718
- Microwave communication system using PCM. 22 p3763 A67-40460
- ITO, T.**
- An iterative realization of pattern recognition networks. 02 p0208 A67-12174
- Observation of RF modulated optical transients in Rb vapour. 04 p0632 A67-14770
- An experimental study on physical properties of combustion gas. 09 p1580 A67-22151
- ITO, Y.**
- Changes of refractivity and nonlinear optical phenomena by Franz-Keldysh effect of silicon. 07 p1231 A67-19487
- ITOH, S.**
- Radial density profile in a positive column with a longitudinal magnetic field. 08 p1362 A67-21148
- ITOH, T.**
- Relation of laser induced ion energy to laser power. 10 p1887 A67-23793
- Field-induced photoelectron emission from silicon surface-barrier diodes. 23 p3980 A67-40890
- Ion emission from metal surface irradiated by giant-pulse laser beam. 23 p4015 A67-41035
- ITOH, Y.**
- Photoelectric measurement of tungsten silicide and n-type silicon barriers. 11 p1850 A67-24924
- ITSCHNER, D.**
- Electrical resistance and magnetization of type II superconductors. 11 p1846 A67-24583
- IUBOV, I. U. M.**
- Nature of anomalously high photovoltage effect in semiconducting films. 04 p0685 A67-15758
- APS effect in monochromatic light /AFN-effekt v monokhromaticheskoi svete/. 17 p2921 A67-32970
- IUAN, S.-I.**
- Effect of impurity microsegregation on the thermoelectric properties of Bi sub 2 Te sub 3. 05 p0861 A67-16498
- IUCCI, N.**
- Cosmic rays and large distance features of the interplanetary space. 13 p2191 A67-26323
- IUDANOV, B. V.**
- Features of processes in circuits with diodes and capacitances /Nekotorye osobennosti protsessov v tseplakh s diodami i emkostiami/. 02 p0209 A67-11509
- IUDIN, D. B.**
- Quantitative analysis of complex systems. II. 20 p3392 A67-37194
- IUDIN, E. P.**
- Device for automatic determination of the angles of slope of the axes of extensive air showers of cosmic rays /Ustroistvo dlia avtomaticheskogo opredeleniya uglov naklona osel shirokikh atmosferynykh livnei kosmicheskikh luchei/. 03 p0425 A67-14263
- A device for automatic determination of the slopes of the axes of extensive air showers of cosmic rays. 14 p2321 A67-28775
- IUDIN, L. I.**
- Generator for powerful pulses of complex shape /Generátor moshchnykh impul'sov slozhnoi formy/. 03 p0388 A67-14267
- IUDIN, M. I.**
- Possibilities of affecting large-scale atmospheric motions /O vozmozhnostiakh vozdeistviya na krupnomasshtabnye atmosferynye dvizheniya/. 24 p1482 A67-42756
- IUDIN, O. I.**
- Possibility of estimating certain chromospheric parameters from radio observations /O vozmozhnosti otsenki nekotorykh parametrov khromosfery po dannym radionabludeni/. 22 p3886 A67-40127
- IUDIN, S. G.**
- Capture cross section of a photon by zinc and mercury atoms in germanium /Secheniya zakhvata fotona atomami tsinka i ruti v germanii/. 05 p0888 A67-17066
- Cross sections for the capture of a photon by zinc and mercury atoms in germanium. 15 p2538 A67-29797
- IUDINA, S. A.**
- Effect of oxygen on the mechanical properties and heat resistance of the alloys AT3 and AT8 /Vliyanie kisloroda na mekhanicheskie svoystva i zharostoikost' splavov AT3 i AT8/. 07 p1205 A67-19276
- IUDKEVICH, I. S.**
- Investigation of radiation intensity in the radiation belts of the earth by means of the artificial earth satellite "Cosmos-17." 11 p1856 A67-24074
- IUDOVICH, L. A.**
- Relationship between f sub 0 F sub 2 values at high-latitude stations in the Northern Hemisphere. 07 p1179 A67-19832
- IUDOVICH, V. I.**
- Note on the stability of membrane solutions in the nonlinear theory of plates and shells. 07 p1263 A67-20032
- Free convection and branching /Svobodnaya konveksiya i vetvleni/. 10 p1734 A67-23673
- Free convection and bifurcation. 21 p3731 A67-38274
- IUFER, E. J.**
- Space magnetic environment simulation for spacecraft testing. 24 p4138 A67-42030
- IUFEREV, V. S.**
- Parametric method of calculating a laminar boundary layer in magnetohydrodynamics /Parametricheskii metod rascheta laminarnogo pogrannichnogo sloia v magnitnoi gidrodinamike/. 06 p1044 A67-18679
- IUFEROV, V. B.**
- Effect of the nozzle configuration on a gas flow in vacuum /Vliyanie konfiguratsii sopla na sverkhzvukovoe istechenie gaza v vakuum/. 06 p0943 A67-18781
- Effect of nozzle geometry on flow of a supersonic jet into a vacuum. 18 p2982 A67-33723
- IUGANOV, E. M.**
- Reactions of the cupular apparatus during g-loading of an organism /Reaktsii kupullarnogo apparata pri povyshennoi vesomosti organizma/. 05 p0756 A67-16324
- Possible value of artificial gravity as determined from the electroactive state of skeletal muscles /O vozmozhnoi velichine iskusstvennoi vesomosti, opredelaeomoi po sostoianiyu elektroaktivnosti skeletnykh myshts/. 13 p2057 A67-26457

- Spatial orientation of pilots /Prostranstvennaya orientirovka letchika/. 14 p2254 A67-28211
- The problem of normalizing noise produced by life-support systems in spacecraft cabins during prolonged flights /K probleme normirovaniya shumov v kabinakh kosmicheskikh korabeli pri dlitel'nykh poletakh/. 16 p2617 A67-30762
- IUKHIMENKO, A. I.**
Effect of the wing-profile shape on the aerodynamic characteristics of a wing near a screen /Vliyanie formy profil'na na aerodinamicheskie kharakteristiki kryla vblizi ekrana/. 18 p2981 A67-33412
- IUKHNEVICH, A. V.**
Radiative recombination at radiation defects in silicon structure /Izuchatel'naya rekombinatsiya na radiatsionnykh narusheniakh struktury v kremni/. 13 p2172 A67-26357
Emission recombination in silicon single crystals irradiated with fast neutrons /Izuchatel'naya rekombinatsiya v monokristallakh kremnia, obлучennykh bystryimi neitronami/. 19 p3301 A67-34775
Radiative recombination at radiation defects in silicon. 21 p3679 A67-38314
- IUKHNOVSKII, I. R.**
Investigation of a high-temperature plasma by the collective-variable method. I /Doslizhdeniya vysokotemperaturnoi plazmy metodom kolektivnykh zminnikh. I/. 01 p0119 A67-10133
Quantum corrections to Maxwell-plasma free energy /Kvantovi popravki do vln'noi energii maksvel'livskoi plazmy/. 21 p3663 A67-37861
- IUKHVIDIN, I. A.**
A possible experimental verification of the relativistic slowing down of a "traveling clock" by using quantum frequency and time standards. 14 p2348 A67-27866
- IUMASHEVA, M. A.**
The deformation of a nonlinearly elastic anisotropic wedge under the action of a moment applied to the apex /Deformatsiya nellineino-uprugogo anizotropnogo klina pod deystviem momenta, prilozhennogo k vershine/. 20 p3542 A67-37660
- IUNGMAN, V. S.**
Composition and thermodynamic properties of the combustion products from methane burned with ionizing admixtures /Sostav i termodinamicheskie svoystva produktov sgoraniya metana s ioniziruyushchimi dobavkami/. 01 p0139 A67-10046
Composition and thermodynamic properties of combustion products of methane with ionizing additions. 17 p2927 A67-33324
- IUNGVIRT, K.**
Quasilinear transformation of waves in an inhomogeneous plasma. 03 p0475 A67-12936
Convective effects in the excitation of electron plasma oscillations by a finite beam. 04 p0668 A67-15271
Quasilinear transformation of waves in an inhomogeneous plasma and nonlinear effects. 06 p1038 A67-17759
- IUNOVICH, A. E.**
Spontaneous radiative recombination in InP p-n junctions in the presence of small currents /Spontannaya izluchatel'naya rekombinatsiya v InP p-n-perekhodakh pri mal'nykh tokakh/. 04 p0679 A67-15138
Tunnel radiative recombination in p-n junctions /O tunnel'noi izluchatel'noi rekombinatsii v p-n-perekhodakh/. 05 p0863 A67-16689
Spontaneous radiative recombination in InP p-n junctions in the case of small currents. 12 p1979 A67-25161
Small-signal field-effect kinetics in silicon. 13 p2176 A67-26708
Tunnel-effect radiative recombination in p-n junctions. 15 p2539 A67-29859
- IUNISOV, A. I.**
Scattering of alkali ions from the surface of tungsten single crystals /Rasseliye shchelochnykh ionov poverkhnosti'iu monokristalla vol'frama/. 06 p1036 A67-18424
- IURCHAK, R. P.**
Thermal properties of molybdenum at high temperatures. 09 p1517 A67-21866
- IURCHENKO, I. F.**
Investigation of the physical processes occurring during heating of deformed high-purity nickel /Issledovanie fizicheskikh protsessov pri nagreve deformirovannogo nikelia vysokoi stepeni chistoty/. 17 p2874 A67-32897
- IUREV, I. M.**
Theory of inertial deposition of particles from a gas or liquid /K teorii inertsionnogo osazhdeniya chastits iz gaza ili zhidkosti/. 03 p0404 A67-13836
Theory of inertial precipitation of particles from a gas or liquid. 13 p2107 A67-27712
- IUREV, V. G.**
Probe investigations of a plasma in thermoemission converters with a high cesium-vapor pressure. III - Distribution of electron concentration and electron temperature and space potential in the interelectrode space of thermoemission converters /Zondovye issledovaniya plazmy v termoemissionnykh preobrazovatelakh s vysokim davleniem parov tseziya. III - Raspreделение konsentratsii, temperatury elektronov i potentsiala prostranstva v mezhelektrodnom prostranstve termoemissionnykh preobrazovatelei/. 01 p0012 A67-10353
Probe investigation of plasma parameters in a high-pressure cesium thermionic converter. I - Experimental method - Theory. 02 p0184 A67-12467
Probe investigation of plasma parameters in a high-pressure cesium thermionic converter. II - Examination of the probe method - Some results of measurements carried out in the diffusion and arc modes. 02 p0184 A67-12468
Investigations of plasma in high-pressure cesium converters. III. 11 p1746 A67-25026
Spectroscopic measurements of plasma parameters in thermionic converters. 13 p2056 A67-27385
- IUREV, V. V.**
Some results of neutron measurements in the atmosphere. 02 p0312 A67-12606
- IURGENSON, A. P.**
Effect of radiant heat influx to the free atmosphere on the evolution of a macrocirculation processes /O vliyanii luchistykh pritokov tepla k svobodnoi atmosfere na evolyutsiiu makrotsirkulatsionnykh protsessov/. 03 p0463 A67-14226
Influence of radiative heat flux in the free atmosphere on the evolution of a macrocirculation processes. 12 p1963 A67-25482
- IURKOV, G. N.**
Thermodynamic functions of diatomic gases having molecules in the super 3 sigma electron state /Termodinamicheskie funktsii dvukhatomnykh gazov, molekuly kotorykh nakhodatsya v elektronnom sostoianii super 3 sigma/. 07 p1225 A67-19121
Thermodynamic functions of diatomic gases with molecules in super 3 sigma states. 21 p3659 A67-38168
- IUROV, I. A.**
Transformation of transverse oscillations of an electron beam by short magnetic lenses. 02 p0214 A67-11900
- IUROVA, E. S.**
Some properties of the ternary compound GaAs sub 1 sub minus x P sub x, doped with tellurium /Nekotorye svoystva troinogo soedineniya GaAs sub 1 sub minus x P sub x, legirovannogo tellurom/. 10 p1694 A67-23856
Some properties of the ternary compound GaAs sub 1 sub -x P sub x doped with tellurium. 17 p2923 A67-33337
- IUROVSKII, A. V.**
Measurement of the nanosecond lifetime in "long" diodes /Izmerenie nanosekundnykh vremen zhizni v "dlinnykh" diodakh/. 05 p0775 A67-17004
Breakdown of silicon diodes with negative resistance /Iavleniya probola v kremnivykh diodakh s otritsatel'nyim soprotivleniem/. 11 p1768 A67-24861
Measurement of the Hall EMF in the base of a negative-resistance silicon diode /Izmerenie EDS Kholla v baze kremnilevogo dioda s otritsatel'nyim soprotivleniem/. 12 p1917 A67-26097
Transient characteristics of silicon diodes with negative resistance /Perekhodnye kharakteristiki kremnivykh diodov s otritsatel'nyim soprotivleniem/. 13 p2076 A67-26489
Current distribution in silicon diodes with a negative resistance /Raspreделение tokov v kremnivykh diodakh s otritsatel'nyim soprotivleniem/. 18 p3010 A67-33577
- IUSHCHENKOVA, N. I.**
Influence of real gas effects on the hypersonic rarefied flow near the sharp leading edge of a thin plate. 08 p1278 A67-20924
Effect of the kinetics of elementary processes on the ionization of low-temperature plasma jets with various laws of jet parameter distribution /Vliyanie kinetiki elementarnykh protsessov na ionizatsiiu sverkhzvukovykh strui nizkotemperaturnoi plazmy/. 17 p2896 A67-32170
- IUSKESLIEVA, L. G.**
Electrophotographic method of determining the diffusion coefficient for lithium in p-type silicon /Elektrofotograficheskiy metod opredeleniya koeffitsienta diffuzii litia v kremnii p-tipa/. 01 p0127 A67-10061
An electrophotographic method for determining the diffusion coefficient of lithium in p-type silicon. 08 p1371 A67-21447
- IUSUPOVA, M. K.**
Contact effects in semiconductors and solubility /Kontaktnye iavleniya v poluprovodnikakh i rastvorimost'/. 21 p3682 A67-38364
- IVAKHNENKO, N. O.**
Indeterminate recognition /game-type/ and prediction systems /Indeterminovani /igrovi/ rozpiznaluchi i peredbachaluchi sistemi/. 13 p2088 A67-27022
Combined use of a cognitive system of programming and computing devices for quantitative determination of the composition of a gas mixture /Kombinovane vikoristannya rozpiznaluchoi sistemi programnogo i obchislual'nogo pristroiv dlia kil'kisnogo viznachennia skladu sumishi gaziv/. 21 p3631 A67-39116
- IVAKHNENKO, O. G.**
Indeterminate image-recognition systems /Indeterminovani sistemi rozpiznavanniya obraziv/. 03 p0374 A67-13082
Indeterminate recognition /game-type/ and prediction systems /Indeterminovani /igrovi/ rozpiznaluchi i peredbachaluchi sistemi/. 13 p2088 A67-27022
Self-organization of extremal control systems /Samoorganizatsiya sistem ekstremal'nogo keruvanniya/. 17 p2830 A67-33096
- IVAKIN, A. A.**
Magnetic, microwave and electric properties of some oxide compounds of divalent europium. 16 p2733 A67-31732
- IVANCHENKO, I. M.**
Effect of delay on the form of the tunnel characteristics of superconductors. 05 p0863 A67-16754
Some features of Josephson radiation /O nekotorykh osobennostiakh dzhozefsonovskogo izlucheniya/. 16 p2728 A67-31044
- IVANCHENKO, L. V.**
Some methods for measuring the velocity of aerosol particles /Nekotorye metody izmereniya skorosti dvizheniya aerol'nykh chastits/. 08 p1428 A67-21422
- IVANCHIK, I. I.**
Semiconducting properties of ferroelectrics. 08 p1367 A67-20314
- IVANENKO, A. A.**
Experimental installation and method of performing experiments to determine the fatigue resistance of lines in aviation hydraulic systems /Eksperimental'naya ustanovka i metodika provedeniya opytov po opredeleniiu predelov ustalosti soedinenii truboprovodov aviatsionnykh gidrosistem/. 02 p0231 A67-12447
Investigation of the effect of internal pressure of the fluid and inaccuracies in installation on the fatigue resistance of line connections for aircraft hydraulic and gas systems /Issledovanie vliyania vnutrennego davleniya zhidkosti i montazhnykh netochnostei na ustalostnuu prochnost' soedinenii truboprovodov gidrogazovykh sistem samoletov/. 02 p0184 A67-12448
- IVANENKO, D.**
Cosmology and elementary particles. 22 p3880 A67-39337
- IVANENKO, I. P.**
Energy spectra of avalanche electrons in various substances with consideration of the polarization of the medium and multiple scattering /Energeticheskie spektry lavinnykh elektronov v razlichnykh

- veshchestvakh s ucheto polarizatsii sredy i mnogokratno
rasselanii/. 02 p0316 A67-12768
- Inverse problem in the theory of nuclear cascades /Obratnaia zadacha v teorii ladernykh kaskadov/. 02 p0317 A67-12769
- Energy spectra of shower electrons in different substances taking into account the polarization of the medium and multiple scattering. 22 p3877 A67-40270
- The inverse problem in nuclear cascade theory. 22 p3842 A67-40271
- Negative excess of electrons in electromagnetic cascade showers /Ob otritsatel'nom izbytkie elektronov v elektromagnitnykh kaskadnykh livniakh/. 24 p4221 A67-42871
- Angular distribution of electrons at various depths in cascade showers /Uglovoe raspredelenie elektronov na razlichnykh glubinakh v kaskadnykh livniakh/. 24 p4221 A67-42872
- Equilibrium angular-distribution functions of cascade electrons in iron and lead /Ravnovesnye funktsii uglovogo raspredelenia kaskadnykh elektronov v zheleze i svintse/. 24 p4221 A67-42873
- IVANENKO, N. M.
Some aspects of plasma acceleration in a coaxial source /Nekotorye voprosy uskorenii plazmy v koaksial'nom istochnike/. 15 p2525 A67-29251
- IVANOV, I. P.
Contraction coefficient of jets /O koefitsienta suzhenia strui/. 10 p1624 A67-23039
- The bifurcation of fluid flow between rotating cylinders. 15 p2494 A67-29693
- IVANKOVSKAIA, O. S.
Certain properties of solutions to linear differential equations with bounded coefficients /O nekotorykh svoistvakh reshenii lineinykh differentsial'nykh uravnenii s ogranichenymi koefitsientami/. 07 p1214 A67-19178
- IVANOV-KHOLODNY, G. S.
Ion composition and effective recombination coefficient variations in the ionosphere. 10 p1647 A67-23280
- IVANOV-KHOLODNYI, G. S.
Relation between an anomaly in the ion composition of the lower ionosphere and certain phenomena occurring therein /Anomaliia sostava obrazulushchikhsia ionov i nekotorye iavleniia v nizhnem ionosfere/. 03 p0411 A67-13346
- Relation between the electron concentration at heights of 100 and 110 km and the degree of perturbation of the earth's magnetic field /O svyazi elektronnoi kontsentratsii na vysotakh 100 i 110 km s vozmushchennost'iu magnitnogo polia zemli/. 05 p0801 A67-17143
- Rocket data on the behavior of electron concentration in the ionosphere at heights of 100-300 km. II. 07 p1173 A67-19686
- Ion formation intensity at heights of 100-300 km. 07 p1178 A67-19830
- One of the possible mechanisms of formation of thin sporadic ionospheric layers. 07 p1179 A67-19835
- Ion composition and variations of the effective recombination coefficient in the ionosphere /Ionnyi sostav i variatsii effektivnogo koefitsienta rekombinatsii v ionosfere/. 10 p1630 A67-22788
- Variations of atmospheric ion composition at 100-200 km. 12 p1933 A67-25649
- Diurnal variations of the electron concentration and variation of the temperature of the ionosphere at heights from 160 to 200 km /Sutochnnye variatsii elektronnoi kontsentratsii i izmenenie temperatury ionosfery na vysotakh 160-200 km/. 16 p2669 A67-31902
- Relation of electron concentration at heights of 100 and 110 km to geomagnetic field disturbance. 21 p3619 A67-38485
- Determination of the rate of ion formation in the F2 layer /Opredelenie skorosti ionoobrazovaniia v sloe F2/. 21 p3623 A67-39037
- Ion composition and variations of the effective recombination coefficient in the ionosphere. 24 p4149 A67-42124
- IVANOV-SMOLENSKII, A. V.
Turbulent flow of a conducting fluid in an annular channel with a rotating circular magnetic field /Turbulentnoe techenie provodlashchiel zhidkosti v kol'tsevom kanale pri krugovom vrashchalushchemsia magnitnom pole/. 06 p1042 A67-18548
- IVANOV, A. A.
Dynamics of quasi-linear relaxation of a noncollision plasma /Dinamika kvazilineinoi relaksatsii besstolknovitel'noi plazmy/. 05 p0852 A67-16696
- Diffusion of a collisionless potassium plasma across a magnetic field during drift instability /Diffuziia besstolknovitel'noi kalievoi plazmy poperek magnitnogo polia pri dreifovoi neustoiichivosti/. 14 p2363 A67-29067
- Quasilinear relaxations dynamics of a collisionless plasma. 15 p2530 A67-29867
- Stabilization of the drift instability of an isothermal plasma in a magnetic field. 21 p3663 A67-37936
- Dynamics of quasilinear relaxation in an unstable inhomogeneous plasma. 23 p4032 A67-40911
- IVANOV, A. E.
Some results of medical supervision of the state of the cosmonauts P. I. Belyaev and A. A. Leonov during training and orbital flight. 11 p1748 A67-24080
- IVANOV, A. G.
Elastoplastic properties of a number of metals exposed to explosive shock loading. 10 p1668 A67-23092
- IVANOV, A. N.
Effect of high-temperature thermomechanical treatment on the fine structure and mechanical properties of titanium alloys /Vliianie vysokotemperaturnoi termomekhanicheskoi obrabotki na tonkulu strukturu i mekhanicheskie svoistva titanovykh splavov/. 01 p0095 A67-10641
- Study of the fine structure of the alloy VT15 after high-temperature thermomechanical treatment /Issledovanie tonkol struktury splava VT15 posle vysokotemperaturnoi termomekhanicheskoi obrabotki/. 10 p1670 A67-23641
- Effect of high-temperature thermomechanical treatment on the fine structure and mechanical properties of titanium alloys. 18 p3066 A67-34405
- Cermet polishing by diamond wheels /Shlifovanie kermetov almaznymi krugami/. 24 p4159 A67-41963
- IVANOV, A. P.
On the determination of the extinction coefficient of turbid media. 07 p1221 A67-20007
- A phase-measuring method of studying unstable light scattering /Fazometricheskii metod izucheniia nestatsionarnogo rasselanii sveta/. 21 p3627 A67-38448
- IVANOV, A. V.
Features of the calculation of vibroplate pickups intended for measuring pulsating forces /Osobennosti rascheta vibroplastinykh datchikov, prednaznachennykh dlia izmereniia pul'sirulushchikh sil/. 01 p0064 A67-10422
- Certain properties of generalized solutions of second-order parabolic equations. 02 p0259 A67-11916
- Structure of a shock wave in air at Mach numbers from 2.6 to 6 /Struktura udarnoi volny v vozdukh pri chislakh Makha ot 2.6 do 6/. 14 p2297 A67-27997
- Experimental investigation of the effect of Mach and Reynolds numbers on the pattern of a supersonic flow of a rarefied gas near the forward stagnation point of a blunt body /Eksperimental'noe issledovanie vliianiia chisel Makha i Reinal'dsa na strukturu sverkhzvukovogo potoka razrezhennogo gaza v okrestnosti perednei krizhicheskoi tochki zatuplennogo tela/. 18 p3028 A67-34209
- IVANOV, B. E.
Oxidation of beryllium. 13 p2136 A67-27107
- IVANOV, B. F.
Problems of structural strength and anti-flutter safety of high-performance gliders. 16 p2776 A67-31466
- IVANOV, B. I.
Method for determining reflection coefficients in a plasma waveguide. 06 p1039 A67-18083
- Nonlinear effects in a plasma waveguide. Dependence of phase velocity on amplitude /Nelineinye efekty v plazmennom volnovode - Zavisimost' fazovoi skorosti ot amplitudy/. 16 p2718 A67-31191
- IVANOV, B. S.
Determination of the rotation rate and inclination of a planet's axis from radiation incident on a satellite of the planet /Ob opredelenii skorosti vrashcheniia i naklona osi planety po izlucheniui, prinimaemomu na ee sputnike/. 02 p0321 A67-11539
- Determination of the rotational velocity and axial inclination of a planet from radiation received by an orbiting satellite. 16 p2752 A67-31605
- IVANOV, E. A.
Toward solution of the problem of diffraction of a plane wave at two circular cylinders in the shortwave case. 03 p0371 A67-13959
- Scattering of an obliquely incident plane electromagnetic wave from two coaxial disks /Rasselanie naklonno padalushchiel ploskol elektromagnitnoi volny na dvukh soosnykh krugovykh diskakh/. 22 p3758 A67-39306
- IVANOV, G. A.
The hydrostatic bearing as a source of vibrations /O gidrostaticheskoi podshipnike kak istochnike kolebani/. 21 p3636 A67-38837
- IVANOV, G. V.
Nature of the effect of preirradiation on the rate of thermal decomposition of ammonium perchlorate /K voprosu o prichinakh vliianiia predvaritel'nogo oblucheniia na skorost' termicheskogo razlozheniia perkhlorata ammoniia/. 04 p0687 A67-14635
- Methods for solving unsteady creep problems for plates and shells /O metodakh resheniia zadach neustanovivshiesia polzuchestii plastin i obolochek/. 12 p2025 A67-25610
- IVANOV, I.
A possible connection between the earth's seismic activity and the annual change in the sun-earth radius vector. 19 p3221 A67-35430
- IVANOV, I. I.
Intermediate motion of bodies of variable mass in celestial mechanics /O promezhutochnom dvizhenii v nebesnoi mekhanike tel peremennoi massy/. 04 p0700 A67-15202
- IVANOV, I. N.
Study of the emissive capacity of argon at high temperature and pressure /Issledovanie izluchatel'noi sposobnosti argona pri vysokikh temperaturakh i davleniakh/. 03 p0478 A67-13602
- Mechanics of low-thrust space flight /Mekhanika kosmicheskogo poleta s maloi tiagol/. 13 p2211 A67-26460
- Radiating power of argon at high temperatures and pressures. 18 p3090 A67-34467
- IVANOV, I. R.
Static characteristics of a radial gas-dynamic bearing /Staticheskie kharakteristiki radial'nogo gazodinamicheskogo podshipnika/. 13 p2122 A67-26351
- Steady temperature field of a finite coated cylinder /Ustanovivshiesia temperaturnoe pole konechnogo tsilindra v kozhukhe/. 13 p2224 A67-27057
- Static reaction of a radial gasdynamic bearing to the angular displacement of the journal axis /Staticheskaiia reaktsiia radial'nogo gazodinamicheskogo podshipnika na uglovoe smeshchenie osi shipa/. 22 p3810 A67-39232
- IVANOV, K. B.
Near-optimal control for a class of nonlinear dynamic systems /Pochti optimal'noe upravlenie odnim klassom nelineinykh dinamicheskikh sistem/. 21 p3656 A67-38586
- IVANOV, K. G.
Geomagnetic phenomena observed during the earth's passage through the tail of Halley's comet, 1910 II /Geomagnitnye iavleniia, nabliudavshiesia pri prokhozhenii zemli cherez khvost komety Galleia 1910 II/. 02 p0236 A67-11654
- Solar plasma flows observed on Mariner 2 as free rotating streams. 07 p1243 A67-19802
- Interpretation of the length of sudden commencements of magnetic storms observed on Elektron 2 /K interpretatsii dlitel'nosti vnezapnykh nachal magnitnykh bur, nabliudavshikhsia na "Elektrone-2"/. 10 p1630 A67-22777
- Interplanetary shock waves observed by space probes. 12 p2008 A67-25823
- Differential equation for a nonstationary dynamo effect in the ionosphere. 13 p2110 A67-26548
- Geomagnetic phenomena observed during the transit of the earth through the tail of Halley's 1910 II comet. 16 p2665 A67-31069

Interpretation of the duration of sudden commencements of magnetic storms observed on Elektron 2. 24 p4149 A67-42113

IVANOV, M. M.

Application of harmonic analysis in the study of magnetic anomalies /O primenenii garmonicheskogo analiza pri izuchenii magnitnykh anomalii/. 05 p0802 A67-17150
Use of harmonic analysis in the study of magnetic anomalies. 21 p3619 A67-38492

IVANOV, M. V.

On the possibility of protracted anabiosis in microorganisms. 15 p2427 A67-29118

IVANOV, N. E.

Experiment concerning the operation of a molecular-beam laser on board a satellite /Opyt raboty molekulyarnogo generatora na iskusstvennom sputnike zemli/. 21 p3582 A67-38594

IVANOV, N. R.

A precise polarimeter and its application to study of changes of the rotation of the polarization plane of light and the rotational electrooptic effect in ferroelectrics. 21 p3631 A67-38969

IVANOV, O. A.

Investigation of a gyroscopic device on a ball support /Issledovanie giroskopicheskogo ustroystva na sharovoi opore/. 01 p0064 A67-10419

IVANOV, O. S.

Phase diagram of the niobium-titanium-zirconium system and the superconducting properties of its alloys /Diagrama sostoiannya sistemy niobii-titan-tsirkoni i sverkhprovodiaschie svoystva spлавov etoi sistemy/. 09 p1518 A67-22029

Study of the W-Ta-Re system by the diffusion-layer method /Issledovanie sistemy W-Ta-Re metodom diffuzionnykh sloev/. 20 p3468 A67-37180

IVANOV, P. P.

Determination of the time required for the buildup of a nonequilibrium state at the inlet of an MHD-generator channel /K opredeleniiu vremeni ustanovleniya neravnovesnogo sostoiannya na vkhode v kanal MGD-generatora/. 18 p2989 A67-34048

IVANOV, S.

Thermocouple with increased sensitivity in the 300-to-450 deg K range /Termopara s povyshennoi chuvstvitel'nost'iu v intervale 300-450 deg K/. 11 p1793 A67-24866

IVANOV, S. N.

Wide-band feed with electrical scanning of radiation patterns /Diapazonnyi obluhatel' s elektricheskimi skanirivaniem diagrammy napravlenosti/. 08 p1306 A67-21341

Wide-range exciter with an electrically scanned radiation pattern. 17 p2822 A67-31937

Frequency control of the radiation pattern of a spaced antenna array in the case of in-phase signal addition at intermediate frequency /Chastotnoe upravlenie diagrammoy napravlenosti v diapazonnoi antennoi reshetke pri sinfaznom slozhenii signala na promezhutochnoi chastote/. 20 p3402 A67-37506

Electric beam control in a multiple-tuned antenna array with zoned phase shifters in the case of a change in frequency /Elektricheskoe upravlenie luchom v diapazonnoi antennoi reshetke s zonirovannyimi fazovyrashchivatel'nyimi izmenenii chastoty/. 20 p3403 A67-37507

Application of remote preamplifiers in antenna arrays operating in the meter range /O primenenii vynosnykh preduslitlelei v antennykh reshetkakh metrovogo diapazona/. 20 p3403 A67-37508

IVANOV, U. I.

Criterion equations of the motion of a particle in an electromagnetic field /Kriterial'nye uravneniya dvizheniya chastitsy v elektromagnitnom pole/. 03 p0475 A67-13177

IVANOV, V. A.

Construction of a mathematical model for the process of titanium slag chlorination in melts /O postroenii matematicheskoi modeli protsessa khlorirovaniya titanovykh shlakov v rasplave/. 04 p0637 A67-14945

Simultaneous-phase automatic frequency control and synchronization /Sovmestnye fazovaya avtopodstroika chastoty i sinkhronizatsiya/. 05 p0764 A67-16904

Automatic phase adjustment in amplifiers. 05 p0778 A67-17395

Experimental characteristics of an amplifier and a self-excited oscillator employing a reflex klystron with phase

locking /Eksperimental'nye kharakteristiki usilitelia i sinkhronizirovannogo avtogeneratora na otrazhatel'nom kllstrone s avtopodstroikoi fazy/. 11 p1757 A67-23907

Simultaneous automatic phase frequency control and synchronization. 16 p2623 A67-30880

Temperature dependence of the radiation frequency of a ruby laser with a phthalocyanine blocking device /O temperaturnoi zavisimosti chastoty izlucheniya rubinovogo OKG s ftalotsianinovym zatvorom/. 21 p3640 A67-38451

Experimental characteristics of a reflex klystron amplifier and synchronized oscillator with automatic phase control. 21 p3600 A67-38935

IVANOV, V. E.

Beryllium ageing. 13 p2136 A67-27105
Vacuum siliconizing of refractory metals. 19 p3236 A67-34918

IVANOV, V. F.

Supersonic gas flow past blunt bodies - Theoretical and experimental studies /Obtekanie zatuplennykh tel sverkhzvukovym potokom gaza - Teoreticheskoe i eksperimental'noe issledovanie/. 03 p0349 A67-12851

IVANOV, V. G.

Recombination in high-resistivity silicon. 02 p0297 A67-11832

IVANOV, V. I.

Impact zones for solar particles during periods of maximum and minimum solar activity. 02 p0310 A67-12574

Generation of cosmic rays during "small" chromospheric flares as a function of solar activity /Generatsiya kosmicheskikh luchei vo vremia "malykh" khromosfernykh vspyshek v zavisimosti ot solnechnoi aktivnosti/. 05 p0880 A67-16112

Method of performing ionospheric measurements with the aid of incoherently scattered radio signals /K metodike ionosfernykh izmerenii po nekogerentno rasselannym radiosignalam/. 16 p2632 A67-31901

Generation of particles on the sun during luminance increases and flares for various periods of solar activity /Generatsiya chastits na solntse vo vremia polarchanii vspyshek v razlichnye periody solnechnoi aktivnosti/. 23 p4057 A67-41116

Variation with solar activity of the production of cosmic rays during "small" solar flares. 24 p4214 A67-42788

IVANOV, V. K.

Approximate solution for operator equations of the first kind /O priblizhennom reshenii operatornykh uravnenii pervogo roda/. 05 p0834 A67-16375

IVANOV, V. N.

Estimation of the parameters of transverse diffusion in the lowest layer of the atmosphere from turbulent characteristics /Otsenka parametrov poperechnoi diffuzii v nizhnem sloe atmosfery po turbulentnym kharakteristikam/. 16 p2698 A67-31095

Waves in helices of complex shape. 24 p4121 A67-42236

IVANOV, V. P.

Some methods of calculating the steady motion of a rarefied gas /Nekotorye metody rascheta statsionarnogo dvizheniya razrezhennogo gaza/. 22 p3785 A67-40012

IVANOV, V. S.

Some thermal effects in GaAs lasers. 10 p1666 A67-23568

IVANOV, V. V.

Calculation of the radiation cooling of heat-emitting elements /Raschet radiatsionnogo okhlazhdeniya teplovydelaiushchikh elementov/. 03 p0535 A67-13118

Quasi-stationary regime during radiative-convective heating of bodies /O kvazistatsionarnom rezhime pri radiatsionno-konvektivnom nagreve tel/. 10 p1732 A67-23020

Temperature regime of a solid body with variable heat-transfer conditions on its surface /Temperaturnyi rezhim tverdogo tela pri peremennykh usloviyakh teploobmena na ego poverkhnosti/. 14 p2408 A67-28658

Time variation of the profile of a Doppler broadened resonance line. 19 p3329 A67-36030

Application of the theory of boundary value problems and singular integral equations to automatic control theory. 20 p3475 A67-36652

Relation between temperatures within bodies in processes of nonlinear heat conduction /O zavisimosti mezhdu temperaturami vnutri tel v protsessakh nelineinogo teploprovodnosti/. 24 p4254 A67-42254

On the calculation of the temperature field in solids with variable heat-transfer coefficients. 24 p4256 A67-42591

IVANOVA, N. D.

Experimental investigation of bending strains produced by impact /K voprosu eksperimental'nogo issledovaniya izgibnykh deformatsii pri udare/. 13 p2220 A67-27279

IVANOVA, N. S.

Determination of the fragmentation parameters of the multicharge component of primary cosmic rays /Opredelenie parametrov fragmentatsii mnogozaryadnoi komponenty pervichnykh kosmicheskikh luchei/. 17 p2936 A67-32251

IVANOVA, S. E.

Effect of heat treatment on the mechanical properties of AT2 type alloys /Vliyanie termicheskoi obrabotki na mekhanicheskie svoystva spлавov tipa AT2/. 07 p1207 A67-19286

IVANOVA, V. D.

Symmetric waves in a rectangular helix in the presence of a plasma. 24 p4121 A67-42235

IVANOVA, V. S.

Effect of the structure of beta-titanium alloy on its crack propagation resistance /Vliyanie struktury na soprotivlenie rasprostraneniyu treshchiny beta-titanovogo splava/. 04 p0641 A67-15985

Special features of plastic deformation and fracture of titanium at room temperature /Osobennosti plasticheskoi deformatsii i razrusheniya titana pri komnatnoi temperature/. 07 p1205 A67-19278

Study of the heat resistance of the titanium alloy AT3 after ordinary and mechanothermal treatment /Issledovanie zharoprochnosti titanovogo splava AT3 posle obychnoi i mekhaniko-termicheskoi obrabotki/. 07 p1206 A67-19284

Effect of structure on the resistance of a beta-titanium alloy to crack propagation. 14 p2338 A67-28488

Mechanico-thermal treatment as an effective method of increasing the high-temperature strength of metals and alloys. 19 p3247 A67-35852

Diagrams of specific strength of materials made of fibrous compositions /Diagrammy udel'noi prochnosti voloknistykh kompozitsionnykh materialov/. 24 p4246 A67-41921

IVANOVSKII, A.

Ionosphere as a binary two-temperature gas and its transfer coefficients. 10 p1640 A67-23220

Kinetic theory of the upper atmosphere /Kineticheskaya teoriya verkhnei atmosfery/. 16 p2666 A67-31166

IVANOVSKII, A. I.

Conductivity of cylindrical tubes in a rarefied gas in the event of a diffuse mirror reflection of particles from walls /Provodimost' tsilindricheskikh trubok v razrezhennom gaze pri nallchii diffuzno-zerkal'nogo otrazheniya chastits ot stenok/. 13 p2158 A67-26671

IVANOVSKII, G. F.

Variation of the electrical resistance of titanium films under argon ion bombardment. 01 p0129 A67-10099

IVANOVSKII, M. A.

Injection of a plasma into a closed magnetic trap with a double-helix field /Inzhetsiya plazmy v zamknutulu magnitnulu lovushku s dvukhzakhodnym vintovym polem/. 17 p2903 A67-32910

IVANOVSKII, M. N.

State of the impurities in cesium utilized in thermionic converters /Sostoianie primessel v tsezi, ispol'zuemom v termioemissionnom preobrazovatele/. 16 p2609 A67-31399

IVANYI, J.

Legal aspects of telecommunication and meteorological activity connected with space research. 12 p2042 A67-26142

IVASHCHENKO, O. I.

Controlling a space ship with a low thrust motor during acceleration in the absence of information about the current velocity vector. 11 p1869 A67-24068

IVASHCHENKO, R. K.

Effect of rare earth metals on the Neel

- temperature and plasticity of recrystallized chromium /Viliane redkozemel'nykh metallov na temperaturu Neella i plastichnost' rekristalizovannogo khroma/. 13 p2131 A67-26450
- IVASHKIN, V. V.**
Optimal transfer between elliptical orbits situated within a given ring /Optimal'nyi perekhod mezhdu ellipticheskimi orbitami, lezhashchimi v zadannom koi'tse/. 05 p0886 A67-16047
Classification and analysis of optimum pulsed transfers with limitations for the distance from the center of attraction /Klassifikatsiya i analiz optimal'nykh impul'snykh perekhodov pri ogranicheniakh na rassstolanie ot pritlagnivalushchego tsentra/. 05 p0886 A67-16048
Energy-optimal transitions from a hyperbolic orbit in the absence of constraints on the transition time. 07 p1247 A67-19094
Single-impulse transitions from hyperbolic to elliptic orbits using radial impulses. 12 p2002 A67-25638
Optimal impulse transfers between orbits in the presence of constraints on the radius. 14 p2382 A67-27851
Optimal transfers between elliptic orbits in a given annulus. 21 p3701 A67-37834
Classification and analysis of optimal thrust transitions with constraints on the distance from the attracting center. 21 p3701 A67-37835
- IVASHISHEN, S. D.**
Estimates of Green's matrix for the homogeneous parabolic boundary value problem /Otsenki matritsy Grina odnorodnoi parabolicheskoi granichnoi zadachi/. 11 p1813 A67-24850
- IVCHENKO, I. N.**
Application of the method of Bhatnagar, Gross, and Krook to the determination of the rate of thermal slip of a gas near a solid surface /Primenenie metoda Bhatnagara, Grossa i Kruka dlia opredeleniya skorosti teplovogo skol'zheniya gaza vblizi tverdoi poverkhnosti/. 15 p2582 A67-30390
- IVCHENKO, V. M.**
Elementary theory of a supercavitating engine /Elementarnaya teoriya superkavitirulushchego dvizhiteleya/. 18 p3023 A67-33417
Optimal cross sections for supercavitating foils and screws /Optimal'nye secheniya dlia superkavitirulushchikh kryl'ev i vintov/. 18 p3023 A67-33418
Singular integrals and equations in problems of hydrodynamics /Singulyarnye integraly i uravneniya v zadachakh gidrodinamiki/. 18 p3024 A67-33537
- IVERSEN, J. D.**
Sonic-point convergence with the method of integral relations. 21 p3614 A67-38879
- IVEY, H. F.**
Electroluminescence and semiconductor lasers. 06 p1010 A67-17889
- IVEY, H. J.**
Relationships between bubble frequency, departure diameter and rise velocity in nucleate boiling. 20 p3553 A67-36934
- IVLEV, D. D.**
Theory of ideal plasticity /Teoriya ideal'noi plastichnosti/. 11 p1875 A67-24511
- IVLEV, L. S.**
Automatic processing of aerosol samples /Avtomaticheskaya obrabotka aerol'nykh prob/. 19 p3227 A67-34861
- IVLEVA, V. S.**
Lifetime of excess charge carriers in InSb single crystals containing Ge and Au impurities. 08 p1367 A67-20414
- IVNITSKII, V. A.**
An approach to the problem of obtaining statistical estimates of systems reliability /Ob odnom podkhode k zadache statisticheskoi otsenki nadezhnosti sistem/. 23 p3982 A67-41669
- IWAI, A.**
VLF radio noise in the ionosphere observed by Japanese sounding rockets. 05 p0763 A67-16868
Low-latitude noise whistlers. 14 p2306 A67-27882
Long-term variation of whistler dispersion. 14 p2307 A67-27887
- IWAI, Z.**
The noninteracting control of multivariable linear systems by relay elements. 22 p3777 A67-39839
- IWAMA, A.**
Combustion characteristics and ballistic performance of dual-layer propellant grains for end-burning type rocket motors. 05 p0872 A67-16589
- IWAMOTO, I.**
Excitation of Fabry-Perot resonator. I. 17 p2868 A67-32667
Density and temperature of laser-produced plasma in a space chamber. 21 p3666 A67-38259
- IWAMOTO, M.**
Internal phenomena in superconducting coil. 05 p0871 A67-17482
- IWAMURA, S.**
Star system. III. 13 p2068 A67-28719
- IWAN, W. D.**
On a class of models for the yielding behavior of continuous and composite systems. 23 p4072 A67-40605
- IWASA, S.**
Electric-field-induced infrared absorption in diamond. 03 p0492 A67-13260
Transmission studies of plasma-resonance and plasma-cyclotron resonance in thin film polar semiconductors. 06 p1071 A67-18992
- IWASA, Y.**
Direct evidence of persistent current loops in hard superconducting wire. 07 p1232 A67-19554
- IWASAKI, H.**
Hall effect and thermoelectric power in semiconductive TiO sub 2. 12 p1982 A67-25452
Photo-induced microwave response in SbSI crystals. 17 p2915 A67-32875
- IWASAKI, N.**
The origin of fluctuations in the equatorial electrojet - A new type of geomagnetic variation. 03 p0408 A67-12840
- IWATA, A.**
On the nature of frequency spectrum of atmospheric source signals. 14 p2346 A67-27880
- IWATA, J.**
Solution of optimal control problems using hybrid computers. 11 p1770 A67-24426
- IWATA, T.**
Magnetization ripple in multilayer films. 13 p2179 A67-27143
- IWATSUBO, T.**
Automatic landing system controlling flaps and elevators. 15 p2418 A67-29313
- IWENS, R. P.**
On bounded-input-bounded-output stability of a certain class of nonlinear sampled-data systems. 02 p0224 A67-11586
On input-output stability of nonlinear feedback systems. 06 p0977 A67-18528
Zero steady-state error operation of feedback systems with a time-varying nonlinear element. 06 p0977 A67-18529
- IYAMA, H.**
Non-linear free flexural vibration of heated plates with initial deflection. 10 p1715 A67-22825
- IYENGAR, N. G. R.**
Creep behaviour of nimonic and R.R. 59 alloys. 05 p0830 A67-16812
- IZATT, J. R.**
Destructive readout in image tubes. 03 p0426 A67-14396
- IZAWA, T.**
A model of typhoons accompanied by inner and outer rainbands. 10 p1676 A67-22813
- IZAWA, Y.**
Thomson scattering of ruby laser light by shock wave plasma. 18 p3084 A67-33649
- IZDEBSKAIA, G. A.**
Longitudinal collision of a solid body and a system of two cylindrical shells /Prodol'noe soudarenie tverdogo tela i sistemy dvukh tsilindricheskikh obolochek/. 12 p2025 A67-25611
- IZHAKEVICH, E. M.**
Determination of the difference between ephemeris and universal time according to the occultation of stars by the moon in 1959 /Opredelenie raznosti mezhdu efemeridnym i vseмирnym vremenem po nabludeniyam pokrytiy zvezd lunoi v 1959 g./.. 17 p2950 A67-33129
- IZUMOVA, D. V.**
Conditions of variability and nonvariability of the solutions to second-order nonlinear differential equations /Ob usloviyakh kolebлемosti i ne kolebлемosti reshenii nelineynykh differentsial'nykh uravnenii vtorogo poriadka/. 07 p1213 A67-19172
- IZMAILOV, E. A.**
Strengthening of ageing Fe-Ni-Ti alloys in the process of the direct and reverse gamma-alpha-gamma transformation. 04 p0635 A67-14430
- IZOKH, V. V.**
High-speed tunnel-diode scaler /Bystrodeistviuschaia pereschetnaya iachelka na tunnel'nykh diodakh/. 03 p0376 A67-14266
- IZOSIMOV, V. G.**
Unsteady heat transfer in tubes resulting from changes in heat flow, gas mass flow rate and acoustic resonance. 04 p0733 A67-15844
Experimental study of unsteady heat transfer in a tube in the presence of a variable gas flow rate /Eksperimental'noe issledovanie nestatsionarnogo teploobmena v trube pri izmenenii rashkoda gaza/. 17 p2967 A67-32129
Experimental study of unsteady heat transfer in a tube during heat-flux fluctuations /Eksperimental'noe issledovanie nestatsionarnogo teploobmena v trube pri izmenenii teplovogo potoka/. 17 p2967 A67-32130
- IZOTOVA, T. P.**
Multilayer thin-film systems. 08 p1369 A67-20811
- IZSAK, I. G.**
A new determination of non-zonal harmonics by satellites. 05 p0797 A67-16572
Analytical development of the planetary disturbing function on a digital computer. 08 p1381 A67-20393
- IZUMI, T.**
Analysis of the temperature variations of satellite with inner power dissipation. 24 p4253 A67-42051
- IZVEKOV, V. A.**
Improving the orbits of minor planets with allowance for perturbations /Ob uluchshenii orbit malykh planet s uchetom vozmushchenii/. 20 p3523 A67-36627

J

- JABARA, F. S.**
The Knoop-hardness yield loci for two titanium alloys. 21 p3646 A67-38777
- JACCHIA, L. G.**
The shape and location of the diurnal bulge in the upper atmosphere. 10 p1639 A67-23208
Geomagnetic perturbations and upper-atmosphere heating. 11 p1783 A67-23922
Properties of the upper atmosphere determined from satellite orbits. 18 p3041 A67-34253
Diurnal and seasonal-latitudinal variations in the upper atmosphere. 19 p3215 A67-35178
Recent results in the atmospheric region above 200 km and comparisons with CIRA 1965. 19 p3218 A67-35225
Atmospheric structure and composition. 20 p3430 A67-36904
- JACISIN, J. M.**
Fatigue of an aluminum alloy in ultrahigh vacuum and air. 16 p2689 A67-31369
- JACK, J. R.**
Technique for measuring absorptance and emittance by using cyclic incident radiation. 19 p3346 A67-35742
- JACKES, A. M.**
The influence of performance characteristics on the economic effectiveness of transport vehicles. [AIAA PAPER 67-802] 24 p4259 A67-42962
- JACKS, H. G.**
Command-and-control system memory reliability. 08 p1299 A67-20685
- JACKSON, A. G.**
Production of ultrahigh vacuum by flashed getters. 08 p1354 A67-21496
Adsorption on niobium /110/, tantalum /110/, and vanadium /110/ surfaces. 15 p2504 A67-29881
- JACKSON, A. M.**
Packaging electronic equipment for Titan III dynamic environments. 21 p3595 A67-38335
- JACKSON, D. R.**
Prediction of availability to launch-on-time. [AIAA PAPER 67-271] 07 p1260 A67-20080
A frequency-selective limiter using magnetoelectric instability. 13 p2077 A67-26523
Prediction of availability to launch-on-

- time. [AIAA PAPER 67-271] 21 p3712 A67-37808
- JACKSON, E. A.**
Parametric effects of radiation on a plasma. 07 p1228 A67-19502
Safety control of space environmental chambers. 10 p1622 A67-23316
Safety control of space environmental chambers. 22 p3782 A67-40404
- JACKSON, E. S.**
Corrections to FK3 determined by meridian observations of minor planets. 15 p2557 A67-29873
- JACKSON, F. J.**
Interaction of a distributed surface vibration with an adjacent steady fluid flow. 10 p1623 A67-22861
- JACKSON, H. A.**
An introduction to the JT9D engine. [AIAA PAPER 67-374] 15 p2548 A67-30346
- JACKSON, H. T., JR.**
Electron photodetachment from O super minus and elastic scattering from atomic oxygen. 07 p1225 A67-19497
- JACKSON, J. E.**
An evaluation of pulsed laser welding. 09 p1504 A67-22139
Electron and phonon effects in superconducting FCC lead-based alloys. 13 p2175 A67-26426
- JACKSON, J. K.**
Internal friction in 18 pct Ni maraging steels. 05 p0828 A67-16468
Spectral irradiances as determined through the use of prism and filter spectroradiometric techniques. 21 p3656 A67-37850
Application of adsorption beds to spacecraft life support system. [SAE PAPER 670842] 24 p4115 A67-41996
- JACKSON, L. C.**
Effects of surface preparations on bond strength of magnesium. 09 p1507 A67-22521
- JACKSON, L. R.**
A carbon dioxide purge and thermal protection system for liquid hydrogen tanks of hypersonic airplanes. 13 p2227 A67-27647
- JACKSON, M. R.**
Size analysis of latex emulsions using a centrifugal-disc photosedimentometer. 23 p3972 A67-41066
- JACKSON, P. E.**
Application of diode break-point analysis and worst-case design techniques to the development of a high-speed transmission gate. 14 p2287 A67-28686
- JACKSON, R. C.**
Liquid metal level measurements. 01 p0070 A67-11027
- JACKSON, T. M.**
Improving performance and functional flexibility of thin-film and semiconductor integrated circuits. 08 p1301 A67-20791
Automated interconnection processes for semiconductor integrated circuit slices. 14 p2281 A67-28023
The pulsed gas laser and its application to micro circuit fabrication. 22 p3813 A67-39333
- JACKSON, T. R.**
Elastic response of thin spherical shells to axisymmetric blast loading. [ASME PAPER 66-APM-EE] 04 p0718 A67-15918
- JACKSON, W. D.**
Brayton cycle magnetohydrodynamic power generation. 16 p2603 A67-30567
Material limitations in the MHD induction generator. 16 p2605 A67-30582
Instabilities associated with fluctuations of the Hall parameter and electrical conductivity in MHD generators /Neustolchivost', svlazzannye s kolebaniami parametra Kholla i elektroprovodnosti v MGD-generatorakh/. 17 p2898 A67-32181
- JACKSON, W. E.**
The bonding of fiberglass-reinforced polyester. 24 p4175 A67-42421
- JACKSON, W. M.**
Vacuum-ultraviolet photolysis of ethane films. 05 p0758 A67-16128
Photolysis of gaseous benzene at 1470 angstrom units. 22 p3757 A67-39443
- JACOB, C.**
The theory of the thin wing /Sur la theorie de l'alle mince/. 09 p1439 A67-22564
- JACOB, D. M.**
A solid-state altimeter and rendezvous radar. 17 p2859 A67-32522
- JACOB, K.**
Calculation of the incompressible flow about thick wing and blade profiles with tapered trailing edges /Berechnung der inkompressiblen Stroemung um dicke Tragfluegel-und Gitterprofile mit eckiger Hinterkante/. 23 p3929 A67-41254
- JACOBI, L. H.**
Tough tests for the OV-10A. 10 p1594 A67-23391
- JACOBOWITZ, H.**
On cloud-top determination from Gemini-5. 01 p0061 A67-11396
On cloud-top determination from Gemini-5. 06 p1026 A67-18563
- JACOBS, E. D.**
Amplitude and frequency characteristics of a ring laser. 04 p0635 A67-15777
- JACOBS, F. TH. A.**
The irreversible behaviour of superconducting niobium wires. 20 p3511 A67-37240
- JACOBS, G. B.**
CO sub 2 laser self-modulation characteristics. 03 p0439 A67-14399
Extension of CO sub 2 laser wavelength range with isotopes. 17 p2869 A67-33062
- JACOBS, G. H.**
Responses of the lateral geniculate nucleus to light increment and decrement and the encoding of brightness. 04 p0561 A67-14592
Bezold-Bruecke hue shift - Further measurements. 22 p3835 A67-39238
- JACOBS, H.**
Proposal for fog penetrating imaging device. 05 p0809 A67-17512
Interferometric effect with semiconductors in the millimeter-wave region. 20 p3510 A67-37025
Gas-discharge laser detector. 23 p4012 A67-40894
- JACOBS, H. R.**
Radiation absorption in high-speed laminar boundary layers including the effects of external sources. [AIAA PAPER 66-521] 15 p2473 A67-30207
- JACOBS, I.**
Comparison of M-ary modulation systems. 15 p2439 A67-30384
- JACOBS, I. M.**
Probability-of-error bounds for binary transmission on the slowly fading Rician channel. [JPL-TR-32-1051] 06 p0961 A67-17943
Prefix coding of histograms for minimal storage. 14 p2272 A67-28703
Sequential decoding for efficient communication from deep space. 20 p3384 A67-37349
A lower bound to the distribution of computation for sequential decoding. [JPL-TR-32-1121] 20 p3412 A67-37494
- JACOBS, J. A.**
Theoretical notes on whistlers and periodic emissions in the hydromagnetic regime. 17 p2853 A67-33253
Planetary modulation of geomagnetic activity. 21 p3711 A67-39005
- JACOBS, K. C.**
Friedmann cosmological model with both radiation and matter. 21 p3711 A67-39121
- JACOBS, K. G.**
Direct electron density measurements in the ionosphere below 200 km. 10 p1648 A67-23290
Reliability of space-research experiments /Zuverlässigkeit von Raumforschungs-Experimenten/. 22 p3899 A67-39283
Rocket measurements with a high-frequency impedance probe /Raketennmessungen mit einer Hochfrequenz-Impedanzsonde/. 23 p4003 A67-41321
- JACOBS, M. H.**
The basic processes affecting two-step ageing in an Al-Mg-Si alloy. 18 p3065 A67-34362
- JACOBS, M. Q.**
Some existence theorems for linear optimal control problems. 20 p3408 A67-37076
- JACOBS, O. L. R.**
Extremum control and optimal control theory. 15 p2465 A67-30343
- JACOBS, P. F.**
Cooled electrostatic probe. [AIAA PAPER 66-73] 05 p0856 A67-17344
Diagnostic measurements in an alkali plasma Hall accelerator. [AIAA PAPER 67-46] 06 p1042 A67-18493
- JACOBS, P. W. M.**
Chemical reaction and ignition in mixtures of magnesium and sodium nitrate. 07 p1238 A67-19072
On the mechanism of the decomposition of ammonium perchlorate. 10 p1697 A67-23157
The thermal decomposition and ignition of mixtures of ammonium perchlorate plus copper chromite. 18 p3108 A67-33813
- JACOBS, R. G.**
Design and instrumentation of glass filament-wound interlaminar-shear specimen. 11 p1875 A67-24614
- JACOBS, R. L.**
Atmospheric density derived from the drag of eleven low-altitude satellites. 11 p1784 A67-23937
- JACOBS, S. F.**
Narrowband optical heterodyne detection. 10 p1654 A67-22752
- JACOBS, S. J.**
On the stability of a barotropic basic flow in a stratified atmosphere. 04 p0611 A67-14650
- JACOBS, T. A.**
Kinetics of hydrogen halides in shock waves - HCl and DCl. 11 p1750 A67-24995
- JACOBSEN, J.**
The radiation characteristics of the backfire helical and zigzag antennae. 14 p2290 A67-29008
Backfire meander-line antenna. 21 p3597 A67-38397
- JACOBSON, A. D.**
An analysis of the second moment of fluctuating electromagnetic fields. I, II. 09 p1460 A67-21587
- JACOBSON, A. S.**
Balloon X-ray astronomy. [AIAA PAPER 66-1015] 03 p0514 A67-14151
Balloon X-ray astronomy. [AIAA PAPER 66-1015] 23 p4070 A67-41711
- JACOBSON, D. A.**
Use of cost effectiveness in the selection of an instruction repertoire for an aerospace computer. 17 p2820 A67-32502
- JACOBSON, R. L.**
Conductance and capacitance of 8-deg tilt boundaries in p-type InSb. 20 p3504 A67-36173
- JACOBUS, D. P.**
Response of the DBA/2J mouse strain to acute ionizing radiation - The biphasic death pattern. 13 p2059 A67-26866
- JACOBUS, G. F.**
Optical properties of evaporated iridium in the vacuum ultraviolet from 500 angstrom units to 2000 angstrom units. 16 p2733 A67-31878
- JACOBUS, W. N.**
Changes in GaAs electroluminescent diodes induced by continuous operation. 09 p1472 A67-21952
- JACQUEMIN, C.**
Transfer function of the ventilatory mechanical system /La fonction de transfert du systeme mecanique ventilatoire/. 17 p2807 A67-32238
- JACQUEMIN, CH.**
Dynamic ventilatory work during muscular exertion at an altitude of 2000 m /Le travail dynamique ventilatoire au cours de l'exercice musculaire a 2.000 d'altitude/. 04 p0561 A67-14631
- JACQUESSON, J.**
Theoretical interpretation of the electric effect created in a metallic junction by the passage of a shock wave /Interpretation theorique de l'effet electrique cree dans une jonction metallique par le passage d'une onde de choc/. 14 p2367 A67-28514
- JACQUESSON, M.**
Interaction between the red spot of Jupiter and the three new formations of the South Temperate Band /WOS/ /Interaction de la tache rouge de Jupiter et des trois nouvelles formations de la bande temperee sud /WOS//. 15 p2558 A67-30026
- JACQUOT, B.**
Study of the D super plus ion flux using the Pleiade device /Flux des ions D plus avec le dispositif Pleiade/. 04 p0672 A67-15647
- JAECKLE, W. G.**
Systematic design of a matrix network used for antenna beam steering. 11 p1763 A67-24300
- JAECKS, D.**
Lyman-alpha radiation resulting from ion collisions with molecular gases. 17 p2889 A67-33224
- JAEGER, R. R.**
Pressure history of some iron meteorites. 10 p1705 A67-22954
Implications of shock effects in iron meteorites. 24 p4234 A67-42631

- JAEGLY, R. L.**
The application of malfunction analysis data generated by discrete network simulation. 03 p0399 A67-14213
- JAEN, J. K.**
WKB approximation of the quantum radial distribution function applied to fluid neon. 06 p1038 A67-19044
- JAESCHKE, R.**
Upper atmosphere winds deduced from vapour trail drifts. 06 p1025 A67-17594
- JAFFE, E. H.**
Interfacial investigations of boron fiber-reinforced plastics. 03 p0455 A67-13428
- JAFFE, I.**
Analysis of optical determination of detonation velocity in short charges. 06 p1001 A67-17793
- JAFFE, L.**
Space applications research and development. 01 p0152 A67-11430
Laser technology for tracking and geodesy. 10 p1664 A67-23071
NASA applications technology. 15 p2557 A67-29944
[AAS PAPER 67-77]
Impact of space research on science and technology. 17 p2974 A67-32771
- JAFFE, L. D.**
Lunar overlay depth in Mare Tranquillitatus, Alphonsus, and nearby highlands. 02 p0320 A67-11459
[JPL-TR-32-1021]
Lunar surface exploration by Surveyor spacecraft - Introduction. 08 p1386 A67-20939
Lunar surface strength. 08 p1397 A67-21210
[JPL-TR-32-1068]
Surface structure and mechanical properties of the lunar maria. 11 p1864 A67-24557
Scientific results of the Surveyor I lunar landing. 19 p3318 A67-35179
- JAFFE, N. A.**
Solution to the binary diffusion laminar boundary-layer equations with second-order transverse curvature. 19 p3211 A67-35737
- JAFFE, S.**
A three-layer diffusion model as applied to unstable atmospheric conditions. 13 p2153 A67-27607
The photolysis of nitrogen dioxide in the presence of nitric acid at 3660 angstrom units and 25 deg. 14 p2260 A67-28782
[JPL-TR-32-1128]
- JAFFEE, R. I.**
Aerospace applications of refractory metals. 20 p3469 A67-37342
- JAFRI, S. A.**
Fluctuations in stratospheric and mesospheric winds at Sonmiani during the IQSY. 19 p3217 A67-35207
- JAGADISH, B. S.**
Nozzle design - Prandtl-Meyer expansion method. 03 p0352 A67-13816
- JAGGERS, R. F.**
A least squares gradient method for solving boundary-value and optimization problems. 02 p0260 A67-12372
Polynomial substitution formulas and applications for solving boundary-value and optimization problems. 16 p2695 A67-30733
- JAGGI, R. K.**
Intensification of magnetic field in plasmas. 13 p2163 A67-26292
- JAHANSHAH, A.**
A constant velocity crack in an elastic plate subjected to bending. 03 p0523 A67-13468
A diffraction problem and crack propagation. 04 p0714 A67-15409
[ASME PAPER 66-WA/APM-18]
Quasi-static stresses due to moving temperature discontinuity on a plane boundary. 05 p0908 A67-16137
- JAHN, D. M.**
Hardpoint demonstration array radar. 08 p1315 A67-20679
- JAHN, G.**
Technique of switching strong shock currents and of producing strong pulsed magnetic fields /Die Technik des Schaltens starker Stossstroeme und der Erzeugung starker Impulsmagnetfelder/. 17 p2803 A67-32350
- JAHN, R. G.**
Current pattern stabilization in pulsed plasma accelerators. 21 p3689 A67-38692
[AIAA PAPER 67-656]
- JAHNE, E.**
Valence band structure of wurtzite type crystals. 16 p2725 A67-30802
- JAHODA, F. C.**
Fractional-fringe holographic plasma interferometry. 19 p3232 A67-35691
Measurement of beta, n, and T sub i in high- and low-pressure theta-pinch operation. 21 p3662 A67-37755
- JAHODA, J. A.**
Determination of instantaneous heat sources with inert thermometers. 11 p1883 A67-24901
Applications of inert thermometers. 18 p3050 A67-34502
- JAHREISS, H.**
Investigation of the angular distribution of secondary electrons by irradiation /Untersuchungen zur Winkelverteilung von Sekundarelektronen in Durchstrahlung/. 02 p0290 A67-11734
- JAHSMAN, W. E.**
Response of a rigid-plastic ring to impulse loading. 17 p2959 A67-32412
- JAIN, D. C.**
Effect of vibrational-rotational motion on the electric and magnetic properties of diatomic molecules. 01 p0117 A67-10784
- JAIN, G. C.**
Effect of dimensions on the efficiency of radiant energy cells. 11 p1745 A67-24437
Effects of drift fields and field gradients on the quantum efficiency of photocells. 11 p1746 A67-24914
Effect of dimensions on the efficiency of radiant energy cells. 20 p3362 A67-38239
A distributed parameters model for solar cells. 24 p4098 A67-42086
- JAIN, M. K.**
Heat transfer in Couette flow of Bingham material with linearly varying wall temperature. 11 p1883 A67-24944
Numerical solution of linear differential equations and Volterra's integral equation using Lobatto quadrature formula. 14 p2342 A67-27977
- JAIN, P.**
Numerical study of a viscous fluid flow past a circular cylinder. 04 p0602 A67-14617
Application of a method for approximating extremals of functionals to compressible subsonic fluid flows. 13 p2050 A67-27148
- JAIN, S. C.**
Electrical and optical properties of titanium-doped lithium fluoride crystals. 21 p3687 A67-39137
- JAIN, V. C.**
Multifrequency observations of sudden cosmic noise absorption and X-ray flares. [RASSA PAPER 1-10-139] 03 p0373 A67-14247
- JAIN, V. K.**
Analytical solution of a steady cylindrical flame. 07 p1265 A67-19076
Bang-bang manipulation of non-fuel parameters in optimal attitude control. 22 p3897 A67-39155
- JAKEMAN, E.**
Steady current flow in superconductors of the second kind. 16 p2731 A67-31171
- JAKIMCOWA, M.**
An analysis of differences in number of sunspot groups between the Greenwich and Zurich observations. 06 p1083 A67-18086
- JAKIMCZYK, S. J.**
Evaluation of long term gyro drift rate. 17 p2858 A67-32486
- JAKOBSBERG, W.**
A model for synthesizing and analyzing communication systems. 08 p1292 A67-20873
- JALBERT, P.**
Properties of air at high temperature. IV /Proprietes de l'air a haute temperature. IV/. 07 p1268 A67-20114
- JALICHANDRA, P.**
Microthruster development with simulated radioisotope heating. 21 p3695 A67-38757
[AIAA PAPER 67-734]
- JAMBA, D.**
Solubility effects of implanted ions in semiconductors. 20 p3510 A67-36856
- JAMBA, D. M.**
Mass analysis of ion beams from a low-voltage spark ion source for ion-implantation doping of semiconductors. 15 p2536 A67-29496
Thermal emission microscope studies of cesium surface ionization on porous refractory metals. 17 p2888 A67-33059
- JAMES, C. R.**
Difference-frequency harmonic-ion heating. 15 p2521 A67-29188
- JAMES, D. D.**
Forced convection heat transfer in asymmetrically heated ducts of rectangular cross-section. 04 p0728 A67-15804
- Forced convection heat transfer in unsymmetrically heated rectangular ducts. 10 p1733 A67-23481
- JAMES, D. G.**
Small scale disturbances as observed by Tiros satellites. 22 p3829 A67-39972
- JAMES, D. J.**
A flight trial to determine the range and reliability of an LF ground to air data-link for air traffic control. 09 p1529 A67-22642
- JAMES, D. T.**
A solid state beta gauge for measuring the density of liquid hydrogen. 05 p0842 A67-16541
- JAMES, D. W. F.**
Some advances in semiconductor detectors. 13 p2176 A67-26693
- JAMES, E. L.**
Microthruster development with simulated radioisotope heating. [AIAA PAPER 67-734] 21 p3695 A67-38757
- JAMES, E. M., JR.**
The Inspector's role in the 5,000,000 mile warranty. 05 p0930 A67-17241
- JAMES, H.**
Quadratic chain-breaking processes and their influence on the kinetics of three-limit explosion systems in the explosion peninsula. 18 p3156 A67-33848
Combustion characteristics of condensed-phase hydrazine-type fuels with nitrogen tetroxide. 21 p3687 A67-37798
- JAMES, H. A.**
Transition of electron beam welding from hard vacuum to soft vacuum. 04 p0628 A67-15313
- JAMES, H. K.**
Preignition phenomena in small A-50/NTD pulsed rocket engines. [AIAA PAPER 67-516] 18 p3114 A67-33979
- JAMES, J.**
The evolution of the Mariner spacecraft. 24 p4241 A67-42399
- JAMES, J. C.**
Radar studies of the sun at 38 Mc/s. 03 p0514 A67-14311
The reflecting and occulting of galactic radio energy by the sun at 38 megacycles. 05 p0891 A67-16403
Short-duration, narrow-band solar bursts at 38 Mc/s. 20 p3520 A67-37476
- JAMES, L. B.**
Upated Saturn I /Saturn IB/ progress and flight results. [AIAA PAPER 66-839] 02 p0331 A67-12255
- JAMES, P.**
Families of chain configurations on the quadratic lattice and on narrow lattice channels. 08 p1356 A67-21299
- JAMES, R. W.**
The eccentric dipole. 18 p3042 A67-34351
- JAMES, T. C.**
Exact vibrational matrix elements for molecular hydrogen and the intensity of the quadrupole rotation-vibration spectrum. 03 p0515 A67-14324
- JAMET, F.**
Contribution to the study of the electric discharge in vacuum /Contribution a l'etude de la decharge electrique dans le vide/. 14 p2349 A67-28899
- JAMET, J. P.**
Helicon effect in InSb and HgTe by a resonant-cavity method. 06 p1071 A67-18990
- JAMET, P.**
Numerical methods for elliptic differential equations whose coefficients are singular on a portion of the boundary. 16 p2697 A67-31330
- JAMISO, D.**
The economics of programming for instructional broadcast satellites. [AIAA PAPER 67-787] 24 p4258 A67-42950
- JAMISON, G. S.**
C-5A flight control system. 17 p2794 A67-31997
- JAMISON, L. R.**
A method for calculating parachute opening forces for general deployment conditions. 11 p1743 A67-24348
- JAMISON, R. E.**
Extremes in environmental testing. 20 p3418 A67-37532
- JAMISON, R. R.**
Power units for very high speed winged vehicles. 03 p0505 A67-14382
- JANCEL, R.**
Nonlinear effects in a homogeneous Lorentz plasma subjected to a high-frequency electric field /Effets non lineaires dans un plasma Lorentzien homogene soumis

- a un champ électrique haute fréquence/. 01 p0121 A67-10230
Electrodynamics of Plasmas. 19 p3287 A67-34866
Calculation of the heating of a homogeneous imperfect Lorentz plasma by an electric field /Calcul de l'échauffement par un champ électrique d'un plasma homogène imparfaitement Lorentzien/. 19 p3295 A67-35418
- JANCELEWICZ, B.**
Improving the fatigue properties of aluminum alloy structures during plastic cold-working /Ulepszenie własności zmęczeniowych konstrukcji ze stopów aluminium przy użyciu zgniotu plastycznego na zimno/. 22 p3911 A67-39549
- JANDOS, F.**
Structural stability of a welded joint of percent chromium steels and of CrMoWV-type steels /Strukturalna ustoichivost' svarnogo soedineniia 12 percent khromistyykh stali 1 stali tipa CrMoWV/. 23 p4019 A67-41077
- JANES, H. B.**
Antenna aperture size effect on tropospheric phase noise. 03 p0385 A67-13864
- JANES, R. B.**
Lasers and RCA. 07 p1193 A67-19080
- JANI, K. G.**
Sporadic-E ionization and anomalous increase in the rate of radar meteor counts during 1963. 07 p1172 A67-18424
Effects of magnetic storms on the F2-layer of the ionosphere near the boundary of the equatorial zone. 16 p2663 A67-30970
- JANICKI, T.**
Some properties of diffused silicon phototransistors /Niektóre właściwości krzemowych fototranzystorów dyfuzyjnych/. 05 p0770 A67-16169
Hall generator with variable active-layer thickness. 20 p3401 A67-37220
- JANIK, K. D.**
Costing the aerospace transporter. 10 p1713 A67-23482
- JANIN, G.**
Problems concerning the scientific program of an astronomical satellite /Problèmes relatifs au programme scientifique d'un satellite astronomique/. 12 p2002 A67-25460
- JANKOVICH, J. L.**
Phase-locked interferometer. 16 p2621 A67-30679
- JANKOWSKI, A.**
Combustion in solid-propellant rocket engines /Spalanie w silnikach rakietowych na paliwo stałe/. 22 p3887 A67-39539
- JANKOWSKI, H.**
Packaging for electromagnetic compatibility. 21 p3599 A67-38627
- JANNAZZO, S.**
A variable-ratio frequency divider using micrologic elements. 17 p2827 A67-32798
- JANNER, K.**
Thermionic nuclear power systems in the range from 5 to 50 kwe /Thermionische Kernreaktor-Energieversorgungsanlagen fuer einen Leistungsbereich von 5 bis 50 kwe/. 04 p0559 A67-15964
- JANNI, J. F.**
Radiation measurements aboard the fourth Gemini flight. 15 p2425 A67-29105
- JANNONE, J.**
Planar free turbulent mixing with an axial pressure gradient. [ASME PAPER 67-FE-9] 14 p2304 A67-28359
- JANOS, N.**
Structural and technological problems connected with miniature electromechanical filters. II /Miniatuier elektromechanikus szueroek konstrukcios es gyartastechnologiai kerdesel. II/. 10 p1609 A67-22876
- JANOS, W. A.**
Solution of the unsteady Vlasov equation for a class of beam-like initial distributions associated with ion engines /Reshenie nestatsionarnogo uravneniia Vlasova dlia klassa puchkoobraznykh nachal'nykh raspredelenii, svyazannykh s ionnymi dvigatellami/. 17 p2928 A67-32158
Approximate solution of the non-linear vlasov equation by space and time scaling. 19 p3285 A67-35343
- JANOSSY, L.**
The Lorentz principle and the general theory of relativity. V. 23 p4028 A67-41187
- JANOUR, Z.**
Results of aerodynamic research of boundary layer control by blowing on airfoils and flaps. 11 p1741 A67-24101
- JANSEN, J.**
Aeronautical communication satellites. 06 p0961 A67-17701
- JANSEN, W.**
The off-design analysis of axial-flow compressors. [ASME PAPER 66-WA/GT-1] 04 p0548 A67-15357
The off-design analysis of axial-flow compressors. [ASME PAPER 66-WA/GT-1] 24 p4092 A67-42458
- JANSKY, D. M.**
Earth stations for reception of television signals from a stationary satellite. [AIAA PAPER 66-311] 06 p0979 A67-17691
- JANSEN, M. M. P.**
Reaction diffusion and Kirkendall-effect in the nickel-aluminum system. 21 p3645 A67-38775
- JANTZEN, E. K.**
Lubricants and lubricant testing for supersonic aircraft /Schmierstoffe fuer Ueberschallflugzeuge und deren Pruefung/. [DVL-606] 03 p0426 A67-13016
- JANVRIN, W. A.**
Determination of microwave-tube transfer functions. 17 p2827 A67-32791
- JANZ, G. J.**
Free-radical addition of trifluoroacetonitrile to ethylene. III. 09 p1459 A67-22364
Free radical addition of perfluoroacetonitrile to vinyl fluoride. 09 p1459 A67-22365
- JANZA, F. J.**
Pressure gages for severe blast environment. 23 p4007 A67-41387
- JANZEN, E. G.**
The reaction of nitric oxide with triphenylmethylperoxy radical. 20 p3377 A67-37138
- JAOUEN, J. L.**
C-band traveling-wave maser using a slow-wave structure printed on ruby. 11 p1801 A67-24727
- JARDETSKY, W. S.**
Astronomical theory of the main features of the earth's crust. 06 p0997 A67-18658
- JAREMENKO, I. M.**
Aerodynamic characteristics of the ballute in the 0.1-to-10-Mach number speed regime. [AIAA PAPER 67-228] 06 p0942 A67-18518
Ballute characteristics in the 0.1 to 10 Mach number speed regime. [AIAA PAPER 67-228] 19 p3169 A67-34817
- JARES, V.**
The application of the retarding field of the electron mirror for focusing electron beams. 14 p2276 A67-27768
- JAROSEWICH, E.**
Chemical analyses of ten stony meteorites. 05 p0895 A67-16581
Chemical analyses of seven stony meteorites and one iron with silicate inclusions. 16 p2751 A67-31456
The Winona meteorite. 21 p3702 A67-38067
- JARRATT, P.**
A rational iteration function for solving equations. 08 p1349 A67-21258
A note on the asymptotic error constant of a certain method for solving equations. 08 p1349 A67-21263
- JARRETT, A. H.**
A possible optical observation of daytime aurorae. 17 p2852 A67-33212
- JARRY, G.**
Concept, development, and tests of solar thermionic converters with alkaline vapor refueling /Conception, realisation et essais de convertisseurs thermioniques solaires a vapeur de remplissage alcaline/. 07 p1132 A67-20287
Influence of electron/Cs super plus ion radiative recombination on the intensity of the spectral lines of cesium /Influence de la recombinaison radiative electron-ion Cs super plus sur l'intensité des raies spectrales du césium/. 20 p3488 A67-36436
- JARVINEN, P. O.**
Underexpanded gas-particle jets. 10 p1592 A67-23154
- JARVIS, C. R.**
Fly-by-wire flight control system experience with a free-flight lunar-landing research vehicle. [AIAA PAPER 67-273] 07 p1129 A67-20048
- JARVIS, S., JR.**
Functions for thermal stress calculation near a transient heat source on a flat surface. 09 p1576 A67-22422
- JASEJA, T. S.**
Nonlinear effects produced by Raman maser radiations. 02 p0252 A67-12052
- JASICKI, Z.**
Generation of a low-temperature plasma in a combustion chamber /Poluchenie nizkotemperaturnoi plazmy v kamere sgoraniia/. 17 p2833 A67-32167
- JASINSKI, R.**
High-energy batteries. 18 p2989 A67-34265
- JASKOLSKI, S. V.**
Simultaneous low frequency relaxation mode and microwave mode operation of a tunnel diode. 02 p0217 A67-12090
- JASPERS, B. W.**
On the definition of "cooling losses" in cooled gas turbines. 20 p3517 A67-37484
- JASSBY, D. L.**
Measurements of dipole antenna impedance in an isotropic laboratory plasma. 23 p3979 A67-40833
- JASTROW, R.**
Red giants and white dwarfs. 18 p3117 A67-33430
The planet Jupiter. 21 p3703 A67-38191
- JAUMOTTE, A. L.**
Amplification factor of air-cushion vehicles /Sur le coefficient d'amplification des véhicules a coussin d'air/. 16 p2596 A67-31444
Control rockets /Les propulseurs de servitude/. 20 p3516 A67-36881
Calculation of the flow coefficient of several nozzles discharging into an unbounded atmosphere. II /Calcul du coefficient de débit de quelques tuyères débitant en atmosphère illimitée. II/. 23 p3989 A67-41140
- JAUNCEY, D. L.**
Interferometer experiment with independent local oscillators. 17 p2864 A67-33363
- JAUNZEMIS, W.**
Continuum Mechanics. 17 p2963 A67-33092
- JAVAN, A.**
Saturation behavior of a Doppler-broadened transition involving levels with closely spaced structure. 01 p0087 A67-10152
Hyperfine structure and paramagnetic properties of excited states of xenon studied with a gas laser. 04 p0681 A67-15462
Progress and applications of Q-switching techniques using molecular gas lasers. 05 p0816 A67-16632
Possibility of self-focusing due to intensity dependent anomalous dispersion. 05 p0819 A67-16649
Measurement of some molecular vibrational-rotational parameters with an infrared heterodyning technique. 09 p1535 A67-22136
Absolute frequency measurement and spectroscopy of gas laser transitions in the far infrared. 11 p1802 A67-24830
Precise isotope shift measurement using line narrowing induced by laser radiation. 13 p2127 A67-27080
Absolute frequency measurement of the 190 mu and 194 mu gas laser transitions. 16 p2885 A67-30824
The optical properties of materials. 20 p3515 A67-37717
Absolute frequency measurements on new CW HCN submillimeter laser lines. 24 p4166 A67-41861
- JAWTUSCH, V.**
Diagnostics of a nonequilibrium plasma for an MHD converter /Diagnostik eines Nichtgleichgewichtspasmas fuer MHD-Wandler/. 04 p0553 A67-14580
- JAYANT, N. S.**
An "erasure" scheme for atmospheric noise burst interference. 05 p0767 A67-17523
Data communication through the atmospheric burst error channel. 17 p2811 A67-32113
- JAYARAM, R.**
Mass Spectrometry. 04 p0624 A67-15587
- JAYARAMAN, A.**
Effects of high pressure, uniaxial stress, and temperature on the electrical resistivity of n-GaAs. 13 p2180 A67-27159
- JAYNE, B. A.**
Matrix-tensor mathematics in orthotropic elasticity. 06 p1108 A67-18656
- JAYNES, D. N.**
Increased ultraviolet sensitivity in the sodium salicylate-photomultiplier combination. 07 p1185 A67-19405
- JAZWINSKI, A. H.**
Filtering for nonlinear dynamical

- systems. 06 p1029 A67-18532
On optimal stochastic midcourse guidance. 16 p2701 A67-31657
- JEANNET, J. C.**
Relations between night-time luminosity and the presence of sporadic E and spread F. [AGARDOGRAPH 95] 15 p2485 A67-30308
- JECH, R. W.**
Fibering of oxides in refractory metals. 03 p0441 A67-13273
The effect of interfiber distance and temperature on the critical aspect ratio in composites. 24 p4173 A67-42474
- JECMEN, D. M.**
An application of automatic carpet plotting to wind-tunnel data reduction. 08 p1278 A67-21530
- JEDRZEJCZAK, Z.**
Results of complex tests of welded aluminum joints /Wyniki kompleksowych badan aluminowych zlacz spawanych/. 18 p3053 A67-33743
- JEDRZEJEC, G.**
Dynamic thermocouple for measuring plasma temperatures up to 4000 deg C /Dinamicheska termopara dlia izmereniia temperatur plazmy do 4000 deg C/. 17 p2854 A67-32162
- JEDWAB, J.**
Magnetite plates in the Alais, Ivuna and Orgueil carbonaceous meteorites /La magnetite en plaquettes des meteorites carbonees d'Alais, Ivuna et Orgueil/. 22 p3881 A67-39496
- JEE, B. C.**
Heat transfer in a fuel cell battery - Maximum battery temperatures. 20 p3364 A67-37016
- JEFFERIES, D. K.**
A small 180 deg fast scanning mass spectrometer. 20 p3448 A67-36875
- JEFFERIES, J. T.**
Inference of velocities from line asymmetries. 02 p0323 A67-11690
- JEFFERS, W. Q.**
Spiking and time behavior of a pulsed water-vapor laser. 07 p1197 A67-20095
Single wavelength operation of a pulsed water-vapor laser. 23 p4011 A67-40783
- JEFFERSON, G. J.**
An incident of severe low-level turbulence. 01 p0108 A67-10226
- JEFFERSON, O. K.**
Development of the MXU-4A/A cartridge. 15 p2423 A67-29982
- JEFFERTS, K. B.**
Optical frequency translation of mode-locked laser pulses. 02 p0253 A67-12506
- JEFFERYS, W. H.**
Periodic orbits in the three-dimensional three-body problem. 01 p0148 A67-10381
Quasi-periodic solutions for the three-body problem. 01 p0148 A67-10382
Further periodic solutions of the three-dimensional restricted problem. 08 p1396 A67-21183
Nongravitational forces and resonances in the solar system. 23 p4062 A67-40623
- JEFFRESS, L. A.**
Stimulus-oriented approach to detection re-examined. 12 p1903 A67-26126
- JEFFREY, A.**
Formation of shock waves in atmospheres with exponentially decreasing density. 10 p1624 A67-22969
- JEFFREYS, H.**
Dynamics of the moon. 08 p1388 A67-21009
On the structure of the moon. 17 p2947 A67-32757
- JEFFRIES, A. J.**
The ashen light and the magnetic field of Venus. 17 p2948 A67-33096
- JEFFRIES, R. A.**
Fractional-fringe holographic plasma interferometry. 19 p3232 A67-35691
- JEFFS, P. W.**
Structures and stereochemistry of clivonine and clivimine. 09 p1458 A67-22059
- JEGGLE, H.**
Convergence and error assessment for the discretized integral equation in the Neumann problem /Konvergenz und Fehlerabschaetzung fuer die diskretisierte Integralgleichung des Neumannschen Problems/. 07 p1216 A67-19883
- JEGO, J.-M.**
Variation of the refractive index of glass subjected to a focused laser beam /Variation de l'indice de refraction d'un verre soumis a un faisceau laser focalise/. 12 p1951 A67-25148
Measurement of the effective cross section of stimulated emission of neodymium at 1.06 mu /Mesure de la section efficace d'emission stimulee du neodyme a 1.06 mu/. 17 p2866 A67-32293
- JEHANN, C.**
Study of semiconductor detectors used in space experiments /Etude des detecteurs a semi-conducteurs utilises dans les experiences spatiales/. 21 p3629 A67-38664
- JEHN, H.**
Steady states in the annealing of niobium and tantalum in oxygen /Stationaere Zustaende beim Gluehen von Niob und Tantal in Sauerstoff/. 07 p1210 A67-20110
Effect of the partial pressure of oxygen and hydrogen vapors on the degassing of niobium and tantalum /Einfluss des Sauerstoff- und Wasserdampfpartialdruckes auf die Entgasung von Niob und Tantal/. 09 p1518 A67-22125
- JEKAT, W. K.**
Reynolds number and incidence-angle effects on inducer cavitation. [ASME PAPER 66-WA/FE-31] 04 p0607 A67-15363
- JELÉN, J.**
The influence of an external magnetic field on the acceleration of clusters of plasma. 14 p2354 A67-27763
On velocity limitation when accelerating plasma. 15 p2531 A67-30030
- JELINEK, F. J.**
Thermal study of groups II-IV semiconductors - Lattice heat capacities and free energies of formation - Heat capacity of Mg sub 2 Si from 15 deg-300 deg K. 23 p4047 A67-41533
- JELINEK, J.**
Loading of jet engines during operation /Zatizeni proudovych motoru v provozu/. 19 p3311 A67-35816
- JELLEY, J. V.**
A search for high-energy gamma-rays from quasi-stellar and other sources. 05 p0900 A67-17079
Radio pulses from extensive air showers. 07 p1242 A67-19619
Comments on radio frequency and optical bremsstrahlung from extensive cosmic-ray showers. 22 p3870 A67-39517
- JELONEK, Z. J.**
Pull-in range in feedback synchronisation. 15 p2446 A67-29588
- JENDYK, M.**
The possibility of the origin of a bacterial threat to the crew during a prolonged space flight /Mozliwosc powstania zagrozenia bakteriynego u załogi podczas dlugotrwałego lotu kosmicznego/. 22 p3750 A67-39334
- JENG, D. R.**
Thermal contact resistance in vacuum. 20 p3555 A67-37609
- JENG, D. T.**
Statistical initial-value problem for Burgers' model equation of turbulence. 05 p0794 A67-17419
- JENIN, P.**
Direct conversion of gamma-radiation energy into electrical energy /Conversion directe de l'energie d'un rayonnement gamma en energie electrique/. 22 p3748 A67-40199
- JENKINS, A. W., JR.**
A theory of meteor-induced micropulsations. 14 p2383 A67-28044
- JENKINS, D. A.**
AC conductivity of a glass semiconductor. 12 p1980 A67-25181
- JENKINS, D. R.**
Combustion of hydrogen and oxygen in a steady-flow adiabatic stirred reactor. 18 p3154 A67-33834
- JENKINS, D. W.**
Electrolysis-hydrogenomonas bacterial bioregenerative life support system. 16 p2617 A67-30774
- JENKINS, E. B.**
Far ultra-violet spectra of Orion stars. 22 p3882 A67-39555
- JENKINS, G. M.**
Shear compliance of hot-worked pyrolytic graphite. 05 p0833 A67-17331
Models for forecasting seasonal and non-seasonal time series. 20 p3477 A67-36790
- JENKINS, J. A.**
Large deflections of diamond-shaped frames. 01 p0160 A67-10404
- JENKINS, J. E.**
Dynamic stability wind-tunnel tests of a 10 deg cone with simulated ablation at m equals 17. [AIAA PAPER 66-757] 17 p2792 A67-33004
- JENKINS, J. O.**
Effects of Roentgen radiation on glycogen metabolism of the rat brain. 07 p1133 A67-19468
- JENKINS, R. E.**
Effects of condenser parameters on heat pipe optimization. 13 p2222 A67-26844
- JENKINS, R. M.**
Heat transfer for one and two-dimensional pulsating laminar flow in a circular tube. [ASME PAPER 87-HT-65] 20 p3550 A67-36747
- JENKINS, R. W.**
Performance potential of the bipropellant pulsed turbine space power system. 24 p4107 A67-42530
- JENKINS, T. E.**
NASA program trend line analysis. [AAS PAPER 66-156] 08 p1430 A67-20973
Program trend line analysis, an aid to general management. [AAS PAPER 66-156] 13 p2233 A67-27555
- JENKINS, W. C., JR.**
Jet reattachment at low Reynolds numbers and moderate aspect ratios. [ASME PAPER 87-FE-25] 14 p2305 A67-28369
- JENKINS, W. H., JR.**
SECOR for satellite geodesy. 07 p1177 A67-19772
- JENKS, R. L.**
Three-color photometry of DQ Cephei. 05 p0891 A67-16405
- JENNEY, D. S.**
A reassessment of rotor hovering performance prediction methods. [AHS PAPER 100] 16 p2594 A67-31817
- JENNEY, J. A.**
Airborne investigations of clear air turbulence with laser radars. 04 p0650 A67-15304
- JENNINGS, C. N.**
Methods for space propulsion system evaluation. [AIAA PAPER 66-976] 02 p0305 A67-12298
- JENNINGS, D. A.**
Calorimetric measurement of pulsed laser output energy. 09 p1510 A67-21615
- JENNINGS, H. A.**
Parametric relationships of factors affecting maintainability of long duration manned space flights. 18 p3138 A67-34688
- JENNINGS, W. C.**
Radial density profile and critical magnetic field measurement for the helical instability in a hollow plasma column. 22 p3853 A67-40234
- JENNISON, R. C.**
Observational evidence of the meteoritic bombardment. 08 p1389 A67-21018
Interpretation of the interplanetary dust measurements in the Ariel II satellite. 12 p2008 A67-25824
The Ariel II micrometeorite penetration measurements. 21 p3722 A67-38494
- JENNY, F. F.**
The airborne 4 Pi computer - IBM aims at aerospace guidance. 09 p1469 A67-22174
- JENSEN, A.**
Lunar Orbiter readout. [SMPT PAPER 101-45] 12 p1940 A67-25463
The problem of glider takeoff using a tow winch /Zagadnienie startu szybowca za wyciągarkę/. 24 p4093 A67-41917
- JENSEN, A. O.**
Performance of prototype thermionic converters. 09 p1449 A67-22343
- JENSEN, C. J.**
Spike bursts during the type IV event of February 5, 1965. 09 p1562 A67-22233
- JENSEN, D. E.**
Kinetic studies of ionization and recombination processes of metallic additives to flames. 18 p3107 A67-33806
- JENSEN, D. F.**
Pneumatic diaphragm logic. 14 p2274 A67-28346
Static operating characteristics of diaphragm pneumatic logic devices. 14 p2275 A67-28347
- JENSEN, F. P.**
Hot electron emission from silicon p-n junctions produced by ion implantation. 02 p0299 A67-11897
- JENSEN, F. R.**
A statistical service life prediction based on propellant grain structural integrity for the Minuteman third stage motor. 15 p2547 A67-29996

- JENSEN, G. E.
Laminar flow heat transfer. 04 p0720 A67-14510
Laminar flow heat transfer. 05 p0925 A67-16271
Dynamic ballistics of combustion termination by fluid injection. 21 p3733 A67-38893
Solution of equations for solid propellant ignition. 23 p4048 A67-41764
- JENSEN, H.
Performance of an airborne laser profiler. 16 p2679 A67-31798
- JENSEN, H. J.
Subnanosecond time interval measurements. 02 p0243 A67-12092
- JENSEN, J. H. D.
The disintegration of heavy nuclei at elevated temperatures /Der Abbau schwerer Kerne bei hohen Temperaturen/. 20 p3490 A67-37553
- JENSEN, P. F., JR.
Laminar, transitional, and turbulent flow with adverse pressure gradient on a cone-flare at Mach 10. 06 p0943 A67-18844 [AIAA PAPER 66-493]
- JENSEN, R.
Comet and close approach asteroid mission. 08 p1393 A67-21098
- JENSEN, R. C.
Scientific exploration of comets - A mission study. 16 p2745 A67-30750
- JENSEN, R. K.
Error detecting codes are simple. 22 p3776 A67-39372
- JENSEN, R. L.
Metabolic effects of prolonged bed rest - Their modification by simulated altitude. [SAM-TR-66-296] 07 p1134 A67-19857
- JENSEN, T. H.
Intense microwave radiation from a dense, unstable plasma /Moshchnoe mikrovolnovoe izluchenie plotnoi neustoiichivoi plazmy/. 17 p2894 A67-32145
- JENTSCH, L.
Thermoelastic piecewise homogeneous bodies /Zur Thermoelastostatik stueckweise homogener Koerper/. 12 p2013 A67-25259
- JENTSCH, W.
Operational calculus for functions of one continuous and one discrete variable /Operatorenrechnung fuer Funktionen einer stetigen und einer diskreten Variablen/. 05 p0834 A67-16725
ASIM - A program system for analog simulation by means of a digital computer. I /ASIM - Ein programm-system fuer die analogsimulation mittels digital-rechner. I/. 17 p2821 A67-32803
- JENTZSCH, U.
New methods for determining the plasma output of anomalous glow discharges /Neue Methoden zur Bestimmung des Plasmawirkungsgrades von anomalen Gluhmentladungen/. 19 p3273 A67-35099
- JEPPS, G.
Convective heating at the deflecting surface of a rocket launch-pad. 19 p3207 A67-35520
- JEPPSON, B.
Failure mechanisms in Gunn diodes. 14 p2290 A67-28927
- JEPSEN, S. B.
Some characteristics of spread F in very high latitudes. [AGARDOGRAPH 95] 15 p2481 A67-30281
- JEPSON, W. B.
The Corrosion of Light Metals. 20 p3465 A67-36634
Beryllium. 20 p3465 A67-36636
- JERDE, R. L.
Balloon X-ray astronomy. [AIAA PAPER 66-1015] 03 p0514 A67-14151
Effects of high energy radiations on noise pulses from photomultiplier tubes. 23 p4000 A67-41216
Balloon X-ray astronomy. [AIAA PAPER 66-1015] 23 p4070 A67-41711
- JERGER, J., JR.
Infrared optical systems are design problems. 18 p3078 A67-33566
- JERMAKIAN, A.
Intrusion of plasma into a model magnetosphere. 05 p0859 A67-17441
Measurement of rotational-velocity and ion-density profiles in plasma vortices. 19 p3288 A67-35361
- JERNIGAN, E. D.
Missile lift off measurement system. 05 p0762 A67-16530
- JEROME, D. Y.
Abundances of chlorine, bromine and iodine in meteorites. 24 p4234 A67-42628
- JERPHAGNON, J.
Addition in tellurium of two radiations emitted by a CO sub 2 laser /Addition, dans le tellure, de deux rayonnements produits par un laser CO sub 2/. 04 p0632 A67-14914
Two-photon absorption in semiconductors /L'absorption a deux photons dans les semiconducteurs/. 20 p3457 A67-36325
Generation of the second harmonic of laser radiation in selenium and in a tellurium-selenium alloy /Generation du second harmonique d'un rayonnement laser dans le selenium et dans un alliage tellure-selenium/. 23 p4016 A67-41192
- JESCH, R. L.
Impedance measurements in coaxial waveguide systems. 17 p2815 A67-32605
- JESPER, A. C.
A consideration of factors affecting the wear resistance of materials used in aircraft gas-turbine engines. 09 p1506 A67-22194
- JESPERS, P.
Theoretical study of the common-mode rejection factor of differential amplifiers /Etude theorique du taux de rejection du mode commun des amplificateurs differentiels/. 04 p0586 A67-15628
- JESPERS, P. G. A.
On the application of the activity criterion to the Ebers and Moll equations of the transistor. 03 p0386 A67-13980
- JESSAT, K.
Continuous electron beam processing plant for plane thin-film resistors. 04 p0600 A67-15479
- JESSEL, P. G.
An amplifier design using MOS transistors. 03 p0382 A67-13670
- JESSEN, J. A.
Graphics and analytics for numerically designed nonlinear surfaces. [SAE PAPER 660353] 01 p0078 A67-10567
- JESSER, R.
Specific heat and magnetic susceptibility of dilute solid solutions of yttrium-gadolinium /Chaleur specifique et susceptibilite magnetique des solutions solides diluees d'yttrium-gadolinium/. 08 p1369 A67-20870
- JESSIE, L. L.
Arc length of a two-dimensional isentropic compression surface. 22 p3742 A67-40102
- JESTER, A.
A nuclear heated thermionic converter. 09 p1451 A67-22359
- JESTER, J. L.
Characteristics of a finite length M.H.D. traveling wave cylindrical accelerator or generator. [AIAA PAPER 67-714] 21 p3673 A67-38740
- JETTON, E. V.
Stratospheric behavior associated with the south-western cut-off low. 05 p0838 A67-17306
- JEUNEHOMME, M.
Transition-moment variation in the gamma system of NO. 05 p0848 A67-16837
- JEW, H.
On the electrodynamic wake in a rarefied plasma. 14 p2357 A67-28208
- JEWELL, R. A.
Ultraviolet stability of some white thermal control coatings characterized in vacuum. [AIAA PAPER 67-345] 12 p1959 A67-26059
- JEX, H. R.
A "critical" tracking task for manual control research. 07 p1136 A67-20171
- JEZDINSKY, V.
Measurement of turbulence by pressure probes. 01 p0078 A67-11192
- JEZEQUEL, J. C.
Some experimental results obtained with a C-band ruby maser consisting of quarter-wave-coupled transmission cavities /Quelques resultats experimentaux obtenus avec un maser bande C a rubis constitue de cavites en transmission couplees en quarts de longueur d'ondes/. 13 p2128 A67-27227
- JHA, S. S.
Bilinear reflection of a double-frequency laser beam from a superconductor. 14 p2371 A67-28722
- JHON, M. S.
The significant structure and properties of liquid hydrazine and liquid diborane. 16 p2734 A67-31537
- JIANG, C. L.
Transformation theory of guided waves in moving media. 22 p3759 A67-39361
- JICKLING, R. M.
Impedance measurements in coaxial waveguide systems. 17 p2815 A67-32605
- JILI, L. M.
Pressure distribution near wedges for separated supersonic turbulent flow. 02 p0232 A67-11634
- JILEK, L.
Methodical notes to the influence of radial acceleration on the central nervous system. 22 p3753 A67-40540
Adaptation of the central nervous system to repeated acceleration. 22 p3753 A67-40541
- JIMBO, Y.
Behavior of a vibration of one degree of freedom under vibrating solid friction of high frequency. 14 p2348 A67-28257
- JIMENEZ, A.
Infinitesimal driven plane waves in a uniform warm viscous plasma with finite electron drift velocity. 19 p3290 A67-35376
- JIMERSON, L. S.
The IBM System/4 Pl, model EP data processor. 08 p1297 A67-20626
- JINDOH, H.
Sea phenomena in ELF atmospherics. 01 p0060 A67-11240
- JINGU, T.
On the motion of the Shore hammer. 22 p3913 A67-40038
- JINNO, H.
Determination of size and concentration of soot particles in diffusion flames by a light-scattering technique. 18 p3149 A67-33799
- JIRICEK, F.
First results of whistler observations in Bulgaria. 14 p2307 A67-27914
- JIRINA, M.
Measuring very short pulses by the method of sampling by a delayed pulse /Mereni velmi kratkych impulsu metodou vzorkovani zpozdenym impulsem/. 23 p3981 A67-41273
- JIRSAK, M.
Similarity of the vertical motion of rockets in homogenous gravitational field. 24 p4241 A67-42578
- JIUSTO, J. E.
Warm fog suppression in large-scale laboratory experiments. 22 p3828 A67-39338
- JIZMAGIAN, G. S.
Optical scattering cross sections for polydispersions of dielectric spheres. 01 p0115 A67-11077
Particle size measurements based on use of mean scattering cross sections. 01 p0070 A67-11078
- JOACHIM, M.
Numerical method of predicting the ionospheric index phi /Une methode numerique de prevision de l'indice ionospherique phi/. 06 p0995 A67-18049
- JOATTON, R.
Heating problems of hypersonic reentries /Les problemes thermiques des reentrees hypersoniques/. 17 p2970 A67-32828
- JOBERT, G.
A lunar physics program for a Lunar International Laboratory /Sur un programme de selenophysique pour un Laboratoire Lunaire International/. 04 p0597 A67-15065
The interior of the moon /Sur l'interieur de la lune/. 08 p1395 A67-21161
- JOBS, F. C.
Plasma density contour measurements using molecular ion beam breakup. 17 p2910 A67-33356
- JOENK, R. J.
Laser pulse distortion in a nonlinear dielectric. 09 p1511 A67-21748
- JOERGER, C. D.
Behavior of Gemini spacecraft antennas in an ionized medium. 21 p3591 A67-38210
- JOETTEN, G.
Impedance investigations for plane dielectric antennas /Impedanzuntersuchungen an dielektrischen Flaechenantennen/. 07 p1158 A67-20295
- JOGA RAO, C. V.
Transverse vibrations of trusses. 03 p0529 A67-14103
- JOHANNES, R. P.
Flight controls damp big aircraft bending. 21 p3570 A67-39133
- JOHANNESSEN, N. H.
Theoretical and experimental investigations of the reflexion of normal shock waves with vibrational relaxation. 24 p4144 A67-42564
- JOHANNESSEN, P. R.
High-power step recovery diodes and

- saturable inductors in radar pulse modulators. 22 p3772 A67-39897
- JOHANNSEN, C. J.**
Contributions of automatic crop surveys to agricultural development. [AIAA PAPER 67-766] 24 p4258 A67-42935
- JOHANNSEN, O. K.**
Evidence for chemical bond formation at silane coupling agent interfaces. 20 p3474 A67-37269
- JOHANSEN, A. E.**
Experimental performance of a low-power MPD arc thruster. [AIAA PAPER 67-50] 06 p1074 A67-18436
Lightweight magnets for MPD arcs. [AIAA PAPER 67-686] 21 p3692 A67-38717
- JOHANSEN, D. E.**
Optimal control of linear stochastic systems with complexity constraints. 06 p0975 A67-17934
Convergence properties and the method of gradients. 06 p0975 A67-17935
- JOHANSEN, E. L.**
Surface wave scattering by a step. 16 p2626 A67-31348
- JOHANSEN, T. H.**
The solubility of niobium/columbium/carbide in gamma iron. 24 p4173 A67-42348
- JOHANSEN, E. W.**
4 pi gravitational compensator. 11 p1793 A67-24822
- JOHANSSON, J. W.**
Strain gage applications on epoxy laminates for use at cryo temperatures. 01 p0072 A67-11107
- JOHN, D. J.**
Bristol Siddeley/SNECMA Olympus 593 powerplant for Concorde. [ASME PAPER 67-GT-8] 11 p1854 A67-24796
The Olympus 593 powerplant for Concorde. 13 p2187 A67-26701
- JOHN, H.**
Experimental and theoretical investigations of the effect of ground level on the static aerodynamic characteristics of sideslip for two different wings with rudder assembly /Experimentelle und theoretische Untersuchungen ueber den Einfluss der Bodennaehae auf die statischen aerodynamischen Beiwerte der Seitenbewegung an zwei verschiedenen Fluegeln mit Seitenleitwerk/. 07 p1126 A67-19886
- JOHN, H. F.**
Microinhomogeneity problems in silicon. 02 p0257 A67-12434
Silicon power device material problems. 22 p3766 A67-39247
- JOHN, J. E. A.**
Recent developments in the application of cryogenics to space simulation. 12 p1924 A67-25717
Sorption pumping of residual gases at cryogenic temperatures. 13 p2106 A67-27648
Cryogenics and space vacuum simulation. 17 p2884 A67-32595
- JOHN, P. K.**
Evidence for a thermonuclear reaction in a delta-pinch plasma from the scattering of a ruby laser beam. 22 p3843 A67-39244
- JOHN, R. R.**
Experimental and analytical evaluation of electrothermal and electromagnetic space propulsion engines. 02 p0305 A67-12340
Development of an ammonia-fueled MPD arc jet thruster. [AIAA PAPER 67-690] 21 p3696 A67-38930
- JOHN, T. L.**
The limiting behaviour of the absorption cross sections of the negative hydrogen ion. 01 p0116 A67-10359
- JOHNS, D. J.**
On the linear buckling of circular cylindrical shells under asymmetric axial compressive stress distributions. 05 p0922 A67-17103
Some heat conduction analyses using Kantorovich's method. 05 p0929 A67-17373
Some approximate formulae for transient temperature prediction in aircraft-type structures. 11 p1883 A67-24681
Comments on "transient temperatures and thermal stresses in an idealised wing structure." 20 p3541 A67-37489
- JOHNS, R. B.**
The organic geochemistry of ancient sediments. II. 05 p0797 A67-16580
- JOHNS, R. H.**
Filament-overwrapped metallic cylindrical pressure vessels. 17 p2958 A67-32054
- JOHNSON, A. D.**
Considerations in specifying display system CRT design objectives. 15 p2447 A67-29735
- JOHNSON, A. E., JR.**
Experimental buckling of internal integral ring-stiffened cylinders. 11 p1875 A67-24611
- JOHNSON, A. I.**
Numerical solution of the Navier-Stokes equation for flow past spheres. 12 p1927 A67-25283
- JOHNSON, A. M.**
Continuous second-harmonic generation of lambda band angstrom units using the Argon II laser. 15 p2497 A67-29392
New CW laser wavelength in KrII. 22 p3818 A67-40490
- JOHNSON, B.**
Summary of gaseous nuclear rocket fluid mechanics research. [AIAA PAPER 67-500] 18 p3076 A67-33964
- JOHNSON, B. L.**
Transfer functions and input impedances of pressurized piping systems. [ASME PAPER 66-WA/AUT-13] 04 p0555 A67-15416
- JOHNSON, C.**
Semiconductor strain gages - Practical applications. 18 p3047 A67-33893
- JOHNSON, C. A.**
Solid organic filters for 2000 angstrom units to 3000 angstrom units. 03 p0470 A67-14393
- JOHNSON, C. B.**
Recent work in flow evaluation and techniques of operations for the Langley hypersonic nitrogen facility. 21 p3607 A67-37777
- JOHNSON, C. C.**
Spacecraft and engineering aspects of AES lunar orbital missions. 08 p1412 A67-21077
The maser experiment. 20 p3459 A67-36595
- JOHNSON, C. D.**
Another note on the transformation to canonical /phase-variable/ form. 01 p0048 A67-11223
Optimal control with Chebyshev minimax performance index. 17 p2829 A67-32014
- JOHNSON, C. E.**
Nuclear power in space. 08 p1352 A67-21052
Design data for a reinforced plastics system. [ASM PAPER C6-21.1] 23 p4022 A67-41403
- JOHNSON, C. F.**
Designing for the worst of worst cases - Nuclear war. 20 p3399 A67-36883
- JOHNSON, C. H.**
Design considerations for an EVA simulator. 17 p2832 A67-31994
- JOHNSON, C. L.**
A thermal protection system for liquid hydrogen fuel tankage in hypersonic vehicles. [AIAA PAPER 67-297] 12 p2035 A67-26012
Simulated altitude and iodine metabolism in rats. I. 15 p2428 A67-29279
Kelly Johnson on the future. 22 p3746 A67-39846
- JOHNSON, C. R.**
High temperature emittance of coated refractory metal. 15 p2503 A67-29546
- JOHNSON, C. Y.**
Positive ion composition of a temperature-latitude sporadic E layer as observed during a rocket flight. 11 p1784 A67-23926
- JOHNSON, D. C.**
Simultaneous and independent potentiostatic control of two indicator electrodes - Application to the copper /III/copper/I/ /copper system in 0.5M KCl at the rotating ring-disc electrode. 20 p3446 A67-36655
- JOHNSON, D. E.**
Stresses in a spherical shell with a nonradial nozzle. 17 p2959 A67-32409
- JOHNSON, D. G.**
Measurement within rocket exhaust plumes. 18 p3051 A67-34507
- JOHNSON, D. R.**
A further experiment on judging the noisiness of aircraft in flight. 04 p0552 A67-15576
The effect of bias and random radiometersonde temperature errors in the estimation of atmospheric downward, upward, net, and equivalent infrared irradiance. 05 p0803 A67-17385
The theory of available potential energy and a variational approach to atmospheric energetics. 18 p3074 A67-34096
The subjective evaluation of sonic bangs. 18 p2986 A67-34393
- JOHNSON, D. W.**
The effects of particle radiation from a disturbed sun on atmospheric electricity. 11 p1857 A67-25031
- JOHNSON, E. A.**
Circadian system phase - An aspect of temporal morphology - Procedures and illustrative examples. 14 p2255 A67-28480
- JOHNSON, E. G.**
Fluidic jet engine controls - Faster, cheaper, lighter. 18 p2989 A67-34097
- JOHNSON, E. J.**
Polaron induced anomalies in InSb. 06 p1066 A67-18956
Phosphorylation coupled to the oxidation of sulfite and 2-mercaptoethanol in extracts of *Thiobacillus thioparus*. 20 p3371 A67-36927
- JOHNSON, E. O.**
Physical significance of the power-amplification/bandwidth product of an active device. 01 p0032 A67-10011
- JOHNSON, E. R.**
Cryogenic valve testing. 23 p3936 A67-41425
- JOHNSON, F. A.**
Phenomenological interpretation of the two phonon Raman scattering and infra-red absorption spectra. 06 p1059 A67-18907
Photon-counting distributions of modulated laser beams. 07 p1197 A67-20125
- JOHNSON, F. M.**
Interstellar matter. 19 p3323 A67-35331
- JOHNSON, F. S.**
Turbopause processes and effects. 10 p1646 A67-23271
The atmosphere of Mars. 18 p3123 A67-34152
- JOHNSON, G. G.**
Application of a Fourier data smoothing technique to the meteoritic crater Ries Kessel. 11 p1864 A67-24559
- JOHNSON, G. L.**
On the problem of the infinite antenna in an anisotropic plasma. 14 p2284 A67-28378
- JOHNSON, G. W.**
On a singular control problem in optimal rocket guidance. [AIAA PAPER 67-582] 19 p3258 A67-35977
Rapid computation of optimal trajectories. 21 p3702 A67-38024
- JOHNSON, H. A.**
Nondestructive test development for advanced airplanes. 05 p0808 A67-17087
Advanced aerospace metals deformation technology. [SAE PAPER 670098] 09 p1509 A67-22540
Transient heat transfer for turbulent flow over a flat plate of appreciable thermal capacity and containing time-dependent heat source. [ASME PAPER 67-HT-45] 20 p3547 A67-36727
- JOHNSON, H. E.**
The initiation of a low pressure discharge. 19 p3272 A67-35088
- JOHNSON, H. H.**
The non-invariance of hyperbolicity in partial differential equations. 24 p4178 A67-42727
- JOHNSON, H. L.**
A Wiener-Hopf technique for a class of nonhomogeneous linear difference-differential-integral equations. 17 p2877 A67-32560
Infrared stars. 20 p3523 A67-36647
- JOHNSON, H. M.**
Physical characteristics of Sco X-1. 05 p0892 A67-16414
Physical characteristics of Sco X-1. II. 11 p1862 A67-24506
- JOHNSON, I. L.**
An accelerated gradient method for parameter optimization with non-linear constraints. 01 p0104 A67-10428
An accelerated gradient method for parameter optimization with nonlinear constraints. [AAS PAPER 66-118] 07 p1217 A67-19977
- JOHNSON, J. B.**
High-impedance electrocardiogram amplifier-transmitter for use with dry electrodes. 15 p2431 A67-29919
- JOHNSON, J. E.**
Static electricity and transistor failures. 20 p3397 A67-36608
- JOHNSON, J. L.**
Absolute pressure ratio sensed by fluids. 08 p1332 A67-21286
Effect of pressure on negative V'' stellarators. 11 p1826 A67-23877
Use of two-dimensional slab models in hydromagnetic stability

- theory. 21 p3661 A67-37747
Resistive interchanges and the negative V" criterion. 22 p3846 A67-39486
- JOHNSON, K. I.**
Effect of contamination on the adhesion of metallic couples in ultra-high vacuum. 15 p2492 A67-29493
Factors affecting the adhesion of titanium and molybdenum couples. 17 p2871 A67-32465
- JOHNSON, K. M.**
Microwave varactor tuned transistor oscillator design. 04 p0581 A67-14864
- JOHNSON, L. C.**
Nonequilibrium excitation of neutral helium in plasmas of moderate density. 11 p1844 A67-25075
Electrical conductivity of a partially ionized gas. 16 p2704 A67-31235
Fully-ionized barium plasma source. 23 p4033 A67-41215
- JOHNSON, L. J.**
Packaging considerations for shielding electronic packages. 12 p1911 A67-25267
- JOHNSON, M. A.**
A new class of trapped light filaments. 05 p0818 A67-16648
- JOHNSON, M. R.**
Volume excitation of an ultrathin single-mode CdSe laser. 01 p0091 A67-10879
Shock-induced flow interactions with transverse magnetic fields. 13 p2162 A67-26280
Volume excitation of an ultrathin continuous-wave CdSe laser at 6900 angstrom units output. 15 p2500 A67-29821
- JOHNSON, P. C.**
Plasma volume and extracellular fluid volume change associated with 10 days bed recumbency. 07 p1134 A67-19658
Tilt table response and blood volume changes associated with fourteen days of recumbency. 07 p1135 A67-19663
Effectiveness of extremity cuffs or leotards in preventing or controlling the cardiovascular deconditioning of bedrest. 18 p2992 A67-34715
Red blood cell mass and plasma volume changes in manned space flight. 20 p3372 A67-37429
- JOHNSON, P. G.**
Propulsion for space - The nuclear rocket. 18 p3077 A67-34706
- JOHNSON, P. J.**
Olympus in Concord - The tools of development. [AIAA PAPER 67-753] 23 p4049 A67-40987
- JOHNSON, R. A.**
Amplitude-dependent ultrasonic attenuation in normal and superconducting lead. 01 p0135 A67-10916
Design, ground test and flight test of SNAP 10A, first reactor in space. 10 p1878 A67-23853
- JOHNSON, R. B.**
A flush cavity VOR/localizer antenna. 04 p0590 A67-15906
Design data for a reinforced plastics system. [ASM PAPER C6-21.1] 23 p4022 A67-41403
- JOHNSON, R. C.**
Three-dimensional variation diagrams for control of calculations in optimum design. [ASME PAPER 66-WA/MD-9] 04 p0629 A67-15345
Investigation of choke blinders for feed horns of radar antennas. 24 p4132 A67-42717
- JOHNSON, R. E.**
Detailed lumped-model analysis of transistor ionizing radiation effects. 04 p0588 A67-15697
Evaluation of long-range retarded interaction energies. 22 p3757 A67-39636
A case history of titanium stress corrosion in nitrogen tetroxide. [ASM PAPER C6-2.2] 23 p4020 A67-41409
- JOHNSON, R. G.**
Satellite measurements of precipitating protons in the auroral zone. 07 p1245 A67-19930
Direct evidence for corpuscular radiation effects on the ionosphere in the southern anomaly region. 12 p1996 A67-25776
Austral and Boreal zone precipitation patterns for low-energy protons. 12 p1937 A67-25813
Coordinated satellite, ground-based and aircraft-based measurements on auroras. 18 p3034 A67-33590
- JOHNSON, R. H.**
Interactions within the laminar hypersonic boundary layer. 04 p0604 A67-14846
- JOHNSON, R. J.**
Application of the MIRA 150A variable thrust rocket engine to manned lunar exploration flying systems. [AIAA PAPER 67-505] 18 p3113 A67-33969
- JOHNSON, R. L.**
Effects of 9-alpha-fluorohydrocortisone and venous occlusive cuffs on orthostatic deconditioning of prolonged bed rest. 01 p0018 A67-10960
Lubricants and mechanical components of lubrication systems for space environment. 02 p0250 A67-12453
Experimental and theoretical study of the viscoelastic. 03 p0428 A67-13226
Metabolic effects of prolonged bed rest - Their modification by simulated altitude. [SAM-TR-66-296] 07 p1134 A67-19657
Systems for environments in space at cryogenic temperatures. 13 p2227 A67-27645
Convective inertia and gas ingestion effects on flow regimes of the viscoelastic - Theory and experiment. 14 p2327 A67-28797
Lubrication and wear fundamentals for high-vacuum applications. 21 p3633 A67-38142
- JOHNSON, R. R.**
Some correlated experimental and theoretical aspects of the finite amplitude helical instability. 11 p1829 A67-23999
Missile and space structures. 22 p3915 A67-40330
- JOHNSON, R. W.**
Thermal scale modeling of the Mariner IV spacecraft. [AIAA PAPER 66-23] 03 p0517 A67-13066
The extended stay lunar exploration mission. 08 p1394 A67-21109
Planning and development of lunar bases. 09 p1486 A67-22404
The lunar surface according to Luna IX and Surveyor I. 09 p1568 A67-22405
The analysis of experimental data obtained from stability studies on elastic column and plate structures. 11 p1874 A67-24224
Optimum design and guidance law formulation of entry vehicles for guidance parameters and temperature accumulation along optimum entry trajectories. 16 p2758 A67-30660
Properties of crystals for ultraviolet and infrared optics. 18 p3078 A67-33585
A generalized linear guidance law for aerospace vehicles. 23 p4026 A67-41732
- JOHNSON, S. P.**
Applicability of certain biochemical techniques to calcium management in space systems - An experimental study of blood serum calcium. 18 p2991 A67-34712
- JOHNSON, S. W.**
Effect of vacuum on the strength of balsa wood. 15 p2507 A67-29554
- JOHNSON, T. B.**
Ratio of blue to red light - A brief increase following sunset. 11 p1786 A67-24118
- JOHNSON, V. R.**
Effects of gamma-irradiation on the characteristics of a ruby laser. 09 p1515 A67-22430
- JOHNSON, W.**
Low-endurance fatigue of an aluminum alloy and a stainless steel in plane bending at ambient and elevated temperatures. 05 p0920 A67-16810
Carbon fibres of high strength and high breaking strain. 09 p1520 A67-21988
Low-endurance fatigue studies in torsion for steel and aluminum alloy. 12 p2016 A67-25425
Structure of high modulus carbon fibers. 19 p3248 A67-35425
- JOHNSON, W. A.**
Effect of -7G sub x acceleration on renal excretion of solutes in rabbits. 07 p1134 A67-19861
Measurements of spatial coherence in 3.2-mm horizontal transmission. 09 p1461 A67-21599
- JOHNSON, W. B.**
Laser interferometry and photon scattering in plasma diagnostics. 09 p1536 A67-21602
Two wavelength laser interferometer for plasma diagnostics. 19 p3231 A67-35594
- JOHNSON, W. E.**
Summary report on the theory of hypervelocity impact. 04 p0710 A67-15004
- JOHNSON, W. L.**
The management of aerospace programs. 19 p3350 A67-35879
- JOHNSON, W. P.**
Ultra-high temperature thermocouple for aerospace application. 01 p0076 A67-11139
- JOHNSTON, A. H.**
Transient radiation response mechanisms in microelectronics. 04 p0589 A67-15721
- JOHNSTON, B. G.**
Behavior and maximum strength of metal columns. 20 p3538 A67-36780
- JOHNSTON, H. S.**
Computation of high-temperature rate constants for bimolecular reactions of combustion products. 18 p3154 A67-33835
- JOHNSTON, I. P.**
The design and performance of two-dimensional, curved diffusers. I. [ASME PAPER 67-FE-6] 14 p2242 A67-28358
- JOHNSTON, J. P.**
A performance prediction method for uninstalled, two-dimensional diffusers. [ASME PAPER 66-WA/FE-15] 04 p0548 A67-15351
- JOHNSTON, J. R.**
Infinitesimal driven plane waves in a uniform warm viscous plasma with finite electron drift velocity. 19 p3290 A67-35376
- JOHNSTON, P. J.**
Recent studies of factors affecting high lift-drag ratios at M equals 19 in helium. [AIAA PAPER 67-138] 06 p0940 A67-18439
- JOHNSTON, R. G.**
Reflective scattering from substrates and evaporated films in the far ultraviolet. 11 p1819 A67-24666
- JOHNSTON, R. R.**
Opacity of high-temperature air. 20 p3485 A67-36930
- JOHNSTON, R. S.**
The development and operation of extravehicular equipment. 01 p0018 A67-11414
- JOHNSTON, T.**
Fate of triplet difluoromethylene. 20 p3378 A67-37561
- JOHNSTON, T. F., JR.**
Laser-pumped microwave emission in excited states of neon. 05 p0817 A67-16638
- JOHNSTON, T. L.**
The role of cross-slip in brittle fracture and fatigue. 16 p2772 A67-31299
- JOHNSTON, T. W.**
Laboratory simulation of a satellite-mounted plasma diagnostic experiment. 20 p3418 A67-37428
- JOHNSTON, W. W.**
A review of analytical methods for research and development of fluidic circuit components. 21 p3612 A67-38106
- JOHNSTONE, A. D.**
Evidence for velocity dispersion in auroral electrons. 17 p2844 A67-32765
- JOHNSTONE, D.**
A broadside log-periodic antenna. 01 p0036 A67-10472
- JOINER, J. C.**
Microstructure of high strength, high modulus carbon fibres. 19 p3248 A67-35428
- JOINER, W. C. H.**
Linear current-voltage characteristics in type-II superconductors under conditions of flux flow. 23 p4044 A67-41440
- JOKI, E. G.**
Austral and Boreal zone precipitation patterns for low-energy protons. 12 p1937 A67-25813
- JOKIPII, J. R.**
Cosmic-ray propagation. I. Spectral shifts in quasi-stellar objects. 03 p0508 A67-14317
Solar modulation and the energy density of galactic cosmic rays. 13 p2189 A67-26265
Cosmic-ray propagation. II. Diurnal intensity variation of low-energy electrons observed near the polar cap. 22 p3872 A67-39802
Energy changes of cosmic rays in the solar system. 22 p3874 A67-40079
- JOLIFFE, S. A. W.**
The character of the received I.L.S. signal and its relation to monitoring. 13 p2154 A67-26986
- JOLY, A.**
Characteristics and reception specifications of helium leak detectors /Caracteristiques et normes de recette des detecteurs de fuites a l'hélium/. 05 p0804 A67-16302
- JONA, F.**
Study of the early stages of the epitaxy of silicon on silicon. 01 p0132 A67-10372
- JONES, A.**
Optical properties of thin indium films /Proprietes optiques des couches minces

- d'indium/. 05 p0862 A67-16599
Solar system escape
circle. 17 p2940 A67-32075
- JONES, A. B.**
Dynamic capacity of oscillating rolling
element bearings. [ASME PAPER 67-LUB-22] 24 p4163 A67-42680
- JONES, A. R.**
Angular distribution of radiation scattered
coherently by a plasma cylinder. 06 p1041 A67-18138
- JONES, A. T.**
The structure of the wave front in
spinning detonation. 02 p0232 A67-11564
On the coupling between spinning
detonation and oscillations behind the
wave. 03 p0402 A67-13465
- JONES, A. V.**
Studies of auroral hydrogen emissions in
West-Central Canada. II. 05 p0797 A67-16851
Balloon-borne observations of brightness
variations in the /0, 0/ band of the /super 1
delta g super -3 sigma super minus g/
system of oxygen in the day and twilight
airglow. 07 p1173 A67-19683
Auroral observations from West Central
Canada. 18 p3037 A67-33612
Optical upper atmospheric investigations
at the University of
Saskatchewan. 23 p3996 A67-41256
- JONES, B.**
Experiments with "AND" and
"EXCLUSIVE-OR" passive
elements. 08 p1280 A67-20443
A fluidic subtractor for digital closed-loop
control systems. 08 p1280 A67-20444
F-region irregularities after high altitude
detonation of July 9, 1962. [AGARDOGRAPH 95] 15 p2484 A67-30306
- JONES, B. B.**
Solar studies in the extreme ultraviolet
using stabilized Skylark
rockets. 12 p2008 A67-25826
- JONES, B. G.**
Hot-wire measurements of wake
turbulence in a ballistic
range. 05 p0750 A67-17346
- JONES, B. H.**
Plastic flow and instability behaviour of
thin-walled cylinders subjected to constant-
ratio tensile stress. 10 p1719 A67-23485
- JONES, B. P.**
Theory of thermal similitude with
applications to spacecraft - A
survey. 05 p0926 A67-16514
Diurnal lunar temperatures. [AIAA PAPER 67-289] 12 p2009 A67-26006
- JONES, C. K.**
A new effect in the low magnetic field
ultrasonic attenuation of impure
superconducting niobium. 06 p1053 A67-18757
On the order parameter dependence of
ultrasonic attenuation in the mixed
state. 20 p3483 A67-36205
- JONES, C. M.**
Contactless switching - An application of
solid state switching technology to aircraft
electric systems. 17 p2825 A67-32513
- JONES, D. B.**
The need for quantification in human
factors engineering. 18 p2994 A67-34655
- JONES, D. E.**
Magnetic fluctuations in the
magnetosheath - Mariner
4. 07 p1179 A67-19911
The polarity pattern of the interplanetary
magnetic field during solar rotations 1798-
1808. 11 p1857 A67-23942
Measurements of magnetic fields in the
vicinity of the magnetosphere and in
interplanetary space - Preliminary results
from Mariner 4. 12 p2007 A67-25822
Transverse fluctuations in the
interplanetary magnetic field - A requisite
for geomagnetic
variability. 22 p3790 A67-39800
- JONES, D. E. H.**
The electrical properties of vacuum and
chemically deposited thin and thick resistive
films. 04 p0682 A67-15485
- JONES, D. G. C.**
The onset of oscillation in a He-Ne
laser. 05 p0824 A67-18821
Zeeman effect extinction of He-Ne 6328
angstrom units laser
light. 18 p3061 A67-34200
The interaction of the ultra-violet and
near infrared laser systems of molecular
nitrogen. 20 p3461 A67-37292
Vibrational energy level population in
optically pumped AgCl
vapor. 21 p3638 A67-37855
Spatial coherence and mode structure in
the He-Ne laser. 24 p4167 A67-42091
- JONES, D. I. G.**
Effect of tuned dampers on vibrations of
simple structures. 06 p1110 A67-18859
Effect of isolated tuned dampers on
response of multispans
structures. 17 p2960 A67-32579
Response and damping of a simple beam
with tuned dampers. 21 p3719 A67-38147
- JONES, D. J.**
The orbital research hospital.
[AIAA PAPER 67-833] 24 p4243 A67-42976
- JONES, D. L.**
Observations on the propagation constant
of the earth-ionosphere waveguide in the
frequency band 8 c/s to 16
kc/s. 05 p0760 A67-16001
Schumann resonances and E.L.F.
propagation for inhomogeneous, isotropic
ionosphere profiles. 21 p3579 A67-37993
- JONES, D. R.**
Leldenfrost film boiling of drops on a
moving surface. [AICHE PAPER 32] 20 p3552 A67-36833
- JONES, D. S.**
Lagrange's theorem for weak
functions. 06 p1025 A67-18731
Supersonic flow and wing-body
interference. 17 p2790 A67-32403
- JONES, D. W.**
Vacuum Engineering. 23 p4028 A67-41353
- JONES, E. C., JR.**
Elevation angle of arrival determination
with circular antenna
arrays. 02 p0217 A67-12088
- JONES, E. L.**
"Noise margins" in binary electrological
systems. 09 p1469 A67-22097
- JONES, E. M.**
Reactive scattering of K atoms from
oriented CH sub 3 I
molecules. 03 p0367 A67-13524
- JONES, E. M. T.**
Measured angle-diversity performance of
the wiregrid lens
antenna. 16 p2639 A67-31361
- JONES, E. S. O.**
The scintillation of radio signals from the
Discoverer 38 satellite. [AGARDOGRAPH 95] 15 p2483 A67-30293
- JONES, F.**
Impulse testing of dynamic systems using
cross-correlation
techniques. 13 p2081 A67-27220
- JONES, F. E.**
Study of the storage stability of the
barium fluoride film electric hygrometer
element. 24 p4156 A67-42380
- JONES, F. L.**
The role of delayed photon processes in
the secondary ionisation of
neon. 19 p3264 A67-35086
- JONES, G.**
The drifted Maxwellian distribution
function in InSb. 14 p2376 A67-29088
- JONES, G. A.**
Microstructure of high strength, high
modulus carbon fibres. 19 p3248 A67-35426
- JONES, G. D.**
Serial comparison technique improves
performance of automatic test
systems. 11 p1758 A67-24266
- JONES, G. M.**
Vestibular inaptitude in the environments
of flight and space. [AD-640908] 19 p3178 A67-35884
Evidence for semicircular canal excitation
by rotation of a linear acceleration
vector. 23 p3952 A67-41576
Relations between neural and mechanical
responses of the semicircular
canal. 23 p3956 A67-41633
Vestibularly driven head movements in
man. 23 p3959 A67-41659
- JONES, G. W., JR.**
Wind-tunnel studies of ground-wind loads
on Saturn launch
vehicles. 07 p1257 A67-19371
- JONES, H. C.**
Circuit analysis by
computer. 15 p2441 A67-30408
- JONES, H. E.**
A transistorized synchronous
demodulator. 02 p0219 A67-12113
Worst case gain sensitivity with zero
phase sensitivity in active RC
network. 08 p1308 A67-20321
A precision velocity cutoff
system. 17 p2858 A67-32485
- JONES, H. F.**
Application of gas bearings to closed-
system Brayton-cycle turbomachinery -
Recent accomplishments and potential
problem areas. [ASME PAPER 66-GT/CLC-9] 01 p0080 A67-10871
- JONES, H. G.**
Dispersion and damping of electron plasma
waves. 11 p1837 A67-24401
- JONES, H. L.**
The IBM system/4 PI CP-2
computer. 17 p2820 A67-32500
- JONES, H. O.**
Optimum design of a ring-airfoil to be
used as a performance improving device in a
conical diffuser. 22 p3743 A67-40168
- JONES, H. S.**
Integrated radome-antenna
designs. 22 p3775 A67-40468
- JONES, I. R.**
POODLE radiolotope propulsion
technology. 05 p0843 A67-16551
- JONES, I. W.**
An analytical and experimental evaluation
of the damping capacity of sandwich beams
with viscoelastic cores. [ASME PAPER 66-WA/UNT-3] 04 p0713 A67-15382
Calculation of the thermal conductivity of
normal hydrogen in the dense gaseous and
liquid states. 17 p2969 A67-32446
- JONES, J.**
The effects of thermal radiation,
conduction and meteoroid heat capacity on
meteoric ablation. 01 p0147 A67-10357
- JONES, J. C.**
Experimental determination of the effect
of oxygen-supply impurities on fuel cell
performance. 24 p4106 A67-42525
- JONES, J. F.**
A complete error budget of a ballistic
flight orbit prediction including force model
error effects. [AAS PAPER 66-106] 07 p1253 A67-19966
Stability analysis of minimum variance
estimators. [AAS PAPER 66-107] 07 p1216 A67-19967
A stability analysis of self-calibration
techniques. 13 p2120 A67-26815
A complete error budget of a ballistic
flight orbit prediction including force model
error effects. [AAS PAPER 66-106] 13 p2208 A67-27524
Stability analysis of minimum variance
estimators. [AAS PAPER 66-107] 13 p2154 A67-27525
- JONES, J. G.**
Transient buffet loads on
wings. 13 p2215 A67-26533
- JONES, J. H.**
A cold welding investigation of the ATS
damper boom. 24 p4160 A67-42033
- JONES, J. J.**
Modern Communication
Principles. 16 p2624 A67-31254
- JONES, J. K.**
Radio pulses from extensive air
showers. 01 p0144 A67-10888
Mechanism of radio
emission from
extensive air showers. 18 p3116 A67-34196
- JONES, J. M.**
Low-current beam-plasma experiments
with a bearing on
turbulence. 01 p0126 A67-11311
I.L.S. feasibility study - Radio guidance
for automatic landing. 09 p1529 A67-22643
- JONES, J. P.**
A digital system for the simultaneous
recording of multichannel analog
transients. 01 p0076 A67-11142
Axially symmetric motions of a two-
layered Timoshenko-type cylindrical
shell. 04 p0717 A67-15909
Axially symmetric wave propagation in a
two-layered cylinder. 17 p2961 A67-32778
- JONES, J. R.**
Improving potentiometer
life. 14 p2325 A67-28770
The frictional behavior of solid lubricants
at low speeds. [ASLE PREPRINT 67AM 5A-2] 14 p2325 A67-28786
- JONES, J. W.**
Performance of charring ablative materials
in the diffusion controlled surface
combustion regime. [AIAA PAPER 67-328] 12 p2038 A67-26042
- JONES, K. L.**
Electron content observations at Brisbane

- for 1965. 17 p2850 A67-33190
- JONES, L. B.**
The effects on wing lift and pitching moment due to the fin of an aircraft flying at supersonic speeds. 09 p1437 A67-22183
Lower bounds for sonic bangs in the far field. 10 p1594 A67-23470
- JONES, L. C.**
Analysis of density data reduced from low-altitude, high resolution satellite tracking data. 10 p1640 A67-23218
Invariant velocity components - A key to Newton's analysis of Keplerian planetary motion. 10 p1711 A67-23791
- JONES, M. L.**
Digital modulation for solid-state linear amplifiers. 22 p3771 A67-39841
- JONES, M. S., JR.**
An investigation of magnetically induced ionization in rare gas mixtures. 16 p2711 A67-30542
- JONES, M. T.**
Isodensitometric aids to lunar charting. 18 p3049 A67-34333
- JONES, N. B.**
Simultaneous oscillations at unrelated frequencies in a feedback loop containing only one non-linearity. 23 p3984 A67-41157
- JONES, N. D.**
Development of high temperature thyatrons for large nuclear electrical space power systems. 15 p2448 A67-29755
- JONES, N. S.**
A method of calculating the wall pressure distribution in a turbulent reattachment bubble. 08 p1320 A67-20451
- JONES, O. E.**
Axially symmetric cross-sectional strain and stress distributions in suddenly loaded cylindrical elastic bars. [ASME PAPER 67-APM-33] 17 p2965 A67-33158
- JONES, P. W. C.**
Cables for aircraft - Installation systems and experience. 21 p3572 A67-39072
- JONES, R.**
X-ray spectrometer performance as a function of electron probe geometry. 04 p0621 A67-15114
Photon-counting distributions of modulated laser beams. 07 p1197 A67-20125
The gyroscopic vibration absorber. [ASME PAPER 67-VIBR-13] 11 p1795 A67-24173
- JONES, R. D.**
Polarization-diversity telemetry receivers. 02 p0198 A67-12024
- JONES, R. F.**
Meteorology and supersonic flight. 04 p0652 A67-15542
Clear air turbulence. 07 p1220 A67-19533
An analysis of stability critical orthotropic cylinders subjected to axial compression. 10 p1728 A67-23760
- JONES, R. G.**
Non-linearity in the voltage-current characteristic of a type-2 superconductor. 10 p1696 A67-23775
- JONES, R. H.**
Lunar surface mechanical properties - Surveyor 1. 08 p1386 A67-20942
- JONES, R. L.**
The effect of temperature on the yield stress of commercial purity alpha-titanium. 11 p1805 A67-24111
- JONES, R. M.**
Plastic buckling of eccentrically stiffened circular cylindrical shells. 14 p2399 A67-28121
- JONES, R. O.**
Surface representations and complex band structure of a diamond-type semiconductor. 01 p0134 A67-10786
- JONES, S. L.**
OGO-E cosmic radiation - Nuclear abundance experiment. 12 p1944 A67-25852
- JONES, S. S. D.**
Navigation aids for A.T.C. - A survey of present techniques and future needs. 09 p1530 A67-22649
I.L.S. monitoring - A statement of the problem. 13 p2154 A67-26985
- JONES, T. B.**
Solar flare effects and VLF radio wave observations of the lower ionosphere. 16 p2632 A67-31859
- JONES, T. G.**
Pressure probes for research in plasma dynamics and detonation. 20 p3443 A67-36514
- JONES, T. V.**
Experiments on the formation of a 2 e.v. argon beam from a shock tube source. 14 p2301 A67-28188
- JONES, W. B., JR.**
Measurement of the laser frequency control characteristics of piezoelectric transducers. 15 p2502 A67-30426
- JONES, W. C.**
Measurement of contact angles on filaments to indicate the effects of surface treatments. 03 p0429 A67-13427
- JONES, W. D.**
Electron-temperature variation induced effects and Landau damping of ion acoustic waves. 11 p1837 A67-24395
- JONES, W. L.**
Visual problems of extended spaceflight. 02 p0189 A67-12408
Flight research program. 09 p1455 A67-21718
Advanced vision research for extended spaceflight. 15 p2430 A67-29274
- JONES, W. L., JR.**
Flight research program. 17 p2805 A67-31956
- JONES, W. S.**
Two-diode parametric amplifiers. 13 p2078 A67-26785
Two-diode bandpass parametric amplifier. 24 p4128 A67-41968
Unilateral 2-diode parametric amplifier. 24 p4128 A67-41969
- JONES, W. W.**
Development of a high temperature long life turbine. [SAE PAPER 670345] 12 p1990 A67-25880
- JONSCHER, A. K.**
The flow of carriers and its effect on the spatial distribution of radiation from injection lasers. 10 p1686 A67-23522
Operation of field-effect transistors at liquid-helium temperature. 14 p2290 A67-28926
- JORDAN, A. G.**
Relations between electrical noise and dislocations in silicon. 11 p1849 A67-24906
- JORDAN, C.**
ARIA deployment model. 20 p3361 A67-36600
- JORDAN, G. B.**
Bandwidth and distortion in pulse filters. 03 p0389 A67-14303
Pulse-amplitude distortion in bandpass filters. 07 p1157 A67-20090
- JORDAN, J. A., JR.**
Radiative lifetimes of some n equals 4 and n equals 5 states in He II. 13 p2160 A67-26880
- JORDAN, J. P.**
Metabolic changes in rats exposed to an oxygen-enriched environment. 14 p2256 A67-28588
- JORDAN, J. R.**
System safety - A quantitative fallout from reliability analysis. 18 p3139 A67-34704
- JORDAN, J. W.**
The effect of word length in the implementation of an onboard computer. 15 p2439 A67-29596
- JORDAN, K. L., JR.**
Measurement of multipath effects in a satellite-aircraft UHF link. 17 p2816 A67-32826
- JORDAN, N. A.**
Photoconductive decay in n-type polycrystalline films of indium arsenide. 17 p2922 A67-33064
- JORDAN, P.**
Celestial mechanics and the Dirac hypothesis /Himmelsmechanik und Dirac-Hypothese/. 15 p2563 A67-30123
- JORDAN, P. F.**
Vibration test of a pressurized torus shell. [AIAA PAPER 67-73] 06 p1104 A67-18470
- JORDAN, P. R.**
Solid state K-band superheterodyne receiver. 18 p3011 A67-34068
- JORDAN, T. H.**
Polyhedral clathrate hydrates. 22 p3757 A67-39634
- JORDAN, W. C.**
X-ray spectra of several cosmic sources. 11 p1856 A67-24505
- JORGENSEN, P. J.**
On the existence of electromechanical and photomechanical effects in semiconductors. 23 p4045 A67-41472
- JORGENSEN, G. V.**
Effects of simulated solar-wind bombardment on spacecraft thermal control surfaces. [AIAA PAPER 65-647] 03 p0448 A67-13052
Solar-wind damage to spacecraft thermal control coatings. 14 p2293 A67-28138
- JORNA, S.**
A linearized theory of laser-induced instabilities in liquids and gases. 23 p4027 A67-41024
- JOSEFOWICZ, M.**
Conductivity and chemical constitution of macromolecular semiconductors /Conductivite et constitution chimique pe semi-conducteurs macromoleculaires/. 01 p0130 A67-10197
- JOSEPHANS, J.**
Noise spectra of Read diode and Gunn oscillators. 01 p0033 A67-10017
- JOSEPH, D. D.**
Subcritical convective instability. I. Subcritical convective instability. 05 p0926 A67-16816
II. Evaluation of Tietjens function in stability calculations. 08 p1322 A67-21138
Parameter and domain dependence of eigenvalues of elliptic partial differential equations. 15 p2509 A67-29461
Parameter values excluded by existence conditions for buoyant dissipative motions in vertical channels. 17 p2840 A67-33138
Boundary conditions at a naturally permeable wall. 24 p4144 A67-42571
- JOSEPH, E. C.**
Impact of large scale integration on aero/space computers. 08 p1297 A67-20635
- JOSEPH, G.**
High energy neutrons from the sun. 06 p1076 A67-17602
- JOSEPH, J. H.**
Diurnal variation of the hydrogen exosphere. I. 06 p0997 A67-18701
Detection of noctilucent clouds in the twilight layer from satellites. 20 p3434 A67-37426
- JOSEPH, P. V.**
Nomograms for evaluating Richardson number for forecasting clear air turbulence. 05 p0838 A67-16709
- JOSEPH, R. D.**
Immittance matrix synthesis with active networks. 03 p0393 A67-13979
- JOSEPHS, H. C.**
Analysis of second breakdown in transistors using a simple model. 07 p1157 A67-19903
- JOSEPHSON, G. C.**
An improved equation for ionospheric absorption. 11 p1753 A67-24302
- JOSEPHY, K.**
Wave-excited anomalous diffusion in a fully ionized magnetoplasma. 08 p1360 A67-21125
Influence of drift waves upon transverse diffusion in a fully ionized magnetoplasma. 11 p1835 A67-24387
Influence of drift waves upon transverse diffusion in a fully ionized magnetoplasma. 16 p2720 A67-31242
- JOSHI, M. L.**
Stacking faults in steam-oxidized silicon. 01 p0126 A67-10052
Dislocation-induced deviation of phosphorus-diffusion profiles in silicon. 07 p1234 A67-19890
- JOSIAS, C.**
An electrometer for use in scientific space instruments. 02 p0241 A67-11681
- JOSLIN, W. L.**
Manual assembly. 08 p1335 A67-20747
- JOSLOFF, A. T.**
Systems constraints imposed on spacecraft utilizing long extendable rods with attached tip masses. 10 p1714 A67-23757
- JOST, W.**
Kinetic basis of oxidation processes. 04 p0565 A67-15090
The realization of the ideal gyrator with two operational amplifiers /Die Realisierung des idealen Gytrators mit zwei Operationsverstärkern/. 11 p1760 A67-24232
- JOSTAD, R. E.**
Enthalpies of formation and bond energies of some fluoramines. 23 p3971 A67-40975
- JOUBERT, F.**
Visualization of isotherms in an argon plasma jet /Visualisation des isothermes dans un jet de plasma d'argon/. 20 p3497 A67-36397
- JOUBERT, P. N.**
Critical review and current developments in three-dimensional turbulent boundary layers. 11 p1776 A67-24048
- JOUFFROY, J.**
Study of the diffusion of X rays by

- transverse-polarization phonons in indium antimonide at 4, 77, and 293 deg K /Etude de la diffusion des rayons X par les phonons de polarisation transversale dans l'antimoniure d'indium a 4, 77 et 293 deg K/. 19 p3307 A67-35793
- Study of X-ray diffusion due to longitudinal oscillations of thermal agitation coupled with plasma waves in indium antimonide /Etude de la diffusion des rayons X par les oscillations longitudinales de l'agitation thermique couplees avec les ondes de plasma dans l'antimoniure d'indium/. 22 p3859 A67-39652
- JOUQUET, G.
Shear compliance of hot-worked pyrolytic graphite. 05 p0833 A67-17331
- JOURDAIN, PH.
Anisotropy in tantalum and titanium anodic oxide films /Mise en evidence de caracteres d'anisotropie presentes par les couches d'oxydes anodiques de tantale et de titane/. 13 p2175 A67-26655
- JOURDAN, P.
Acceleration of a plasma in a pinch configuration /Acceleration d'un plasma dans une configuration de striction/. 11 p1828 A67-23893
- JOURNES, J.
Telemetering antenna of the instrument container of the D1 satellites /Aerien de telemesure de la case equipement des satellites D1/. 21 p3592 A67-38218
- JOVANOVIC, S.
Mercury in chondrites. 13 p2210 A67-27603
- JOWETT, C. E.
Reliability of electronic components. 07 p1158 A67-20206
- JOY, J. T.
Heat stress in Army pilots flying combat missions in the Mohawk aircraft in Vietnam. 22 p3750 A67-39595
- JOYCE, B. D.
Pyramid formation in epitaxial gallium arsenide layers. 10 p1692 A67-23513
- JOYCE, B. T.
Computer-controlled automatic testing - A review. 08 p1299 A67-21058
- JOYCE, G. R.
High-frequency conductivity of a partially ionized plasma in the long-wavelength limit. 23 p4031 A67-40888
- JOYE, R. L.
Basic ballistic studies /Les etudes balistiques de base/. 15 p2571 A67-30089
- JOYNER, P. A.
A review of batteries and fuel cells for space power systems. 17 p2801 A67-32047
- JOYNER, T. B.
The thermal decompositions of solid explosives - Cobalt/III/ amine azides. [CI PAPER 67-15] 19 p3309 A67-35009
- JOYNSON, R. E.
Multicrossover cryotron - A high gain single stage amplifier. 16 p2640 A67-31431
- JOZEFOWICZ, M.
Relations between the chemical and electrochemical properties of macromolecular semiconductors /Relations entre proprietes chimiques et electrochimiques de semi-conducteurs macromoleculaires/. 01 p0130 A67-10196
- Thermodynamics of electronic carrier populations in dissociable binary semiconductors /Thermodynamique des populations de porteurs electroniques dans les semi-conducteurs binaires dissociables/. 01 p0130 A67-10198
- JOZSEF, L.
Problems associated with the simulation of dynamic performance of pneumatic rebound-nozzle converters /Pneumatikus fuvokas atalakito dinamikal viselkedesenek modellezesi kerdesei/. 13 p2058 A67-27240
- JUAN, H.
M-dimensional interpretation of the n-dimensional "Einstein equation" /Interpretation m-dimensionnelle de l' "Equation d'Einstein" n-dimensionnelle/. 12 p1968 A67-25143
- JUBE, G.
"Diamant" - Third stage and nose cone - Test stands for new structures /Le "Diamant" - 3e etage et coiffe - Bancs d'essais des structures nouvelles/. 07 p1258 A67-19522
- JUDD, L. F.
Sample data analysis of digital phase-locked loops. 15 p2458 A67-29939
- JUDD, O.
Cooperative effects in cyclotron echo phenomena. 11 p1836 A67-24391
- JUDD, S. V.
Phase-locking of Gunn-effect oscillators. 11 p1759 A67-24128
- Transferred-electron oscillators as signal sources. 15 p2445 A67-29583
- JUDGE, D. L.
Vela 3 magnetograms at 18 R sub E structure and pulsations in the magnetosheath. 20 p3433 A67-37410
- JUDIN, H.
Evaluation and testing of ultraviolet lenses for space flight use. 16 p2680 A67-31805
- JUDY, R. W., JR.
Fracture toughness and stress-corrosion cracking of some titanium alloy weldments. 24 p4161 A67-42329
- JUELKE, L.
The penetration of electromagnetic fields through small holes in a metal screen /Der Durchgriff elektromagnetischer Felder durch kleine Loecher in einem metallischen Schirm/. 18 p2999 A67-33530
- JUGAKU, J.
On the optical identification of Sco X-1. 02 p0324 A67-11772
- JUHASZ, C.
Preparation of high mobility thin films of indium antimonide. 09 p1474 A67-22112
- Field-effect studies on indium antimonide films. 16 p2732 A67-31527
- JUKES, J. D.
Effect of temperature gradient on plasma stability. 16 p2720 A67-31239
- Plasma stability in magnetic traps. 22 p3853 A67-40075
- JUKINA, L. V.
Investigation of cosmic-ray variations by study of effects in stony meteorites. 02 p0310 A67-12581
- JULIAN, P. R.
Midwinter stratospheric warmings in the Southern Hemisphere - General remarks and a case study. 17 p2880 A67-32553
- JULIAN, R. S.
Investigating the moon's motion by laser ranging. 18 p3130 A67-34317
- JULIAN, W. H.
Non-axisymmetric responses of differentially rotating disks of stars. 05 p0892 A67-16410
- On the effect of interstellar material on stellar non-circular velocities in disk galaxies. [AROD-2160-19] 16 p2753 A67-31699
- JULIEN, H. P.
Densification and wear resistance of ceramic systems. I. 17 p2875 A67-33407
- JULL, G. W.
Short-term and averaged characteristics of nonreciprocal HF ionospheric paths. 11 p1762 A67-24286
- Nonreciprocal characteristics of a 1500 km HF ionospheric path. 11 p1754 A67-24718
- JULLIOT, C.
Study of semiconductor detectors used in space experiments /Etude des detecteurs a semi-conducteurs utilises dans les experiences spatiales/. 21 p3629 A67-38664
- JUNCA, F.
Study of the solderability of 15 CDV 6 25-mm-thick steel in the treated state /Etude de la soudabilite du 15 CDV 6 a l'etat traite en 25 mm. d'epaisseur/. 01 p0078 A67-10270
- JUND, C.
Integrated MOS analog gate for space telemetry switches /Porte analogique integree a MOS pour commutateur de telemesures spatiales/. 21 p3592 A67-38227
- JUNEAU, P. W.
Fabrication of filament wound boron reinforced composites for re-entry vehicle applications. 08 p1345 A67-20435
- JUNG, B.
The problem of flow mixing in a double-flow engine /Zagadnienie mieszanja strumieni w silniku dwuprzeplywowym/. 23 p4048 A67-40638
- JUNG, K.
Change in the rotation velocity of the earth /Zur Aenderung der Rotationsgeschwindigkeit der erde/. 02 p0236 A67-11512
- JUNG, M.
A contribution to the production of Raney-Nickel anodes for fuel cells. 09 p1445 A67-22185
- Heavy cosmic ions obtained in ionospheric emulsions exposed in a polar satellite /Ions lourds cosmiques obtenus dans des emulsions ionographiques exposees en
- satellite polaire/. 12 p1999 A67-25830
- JUNG, W.
Thermionic nuclear power systems in the range from 5 to 50 kwe /Thermionische Kernreaktor-Energieversorgungsanlagen fuer einen Leistungsbereich von 5 bis 50 kwe/. 04 p0559 A67-15964
- JUNGLUTH, E. D.
Imperfections due to double diffusions in epitaxial silicon. 08 p1370 A67-21297
- JUNGK, G.
Excitation-recombination statistics in semiconductors /Zur Anregungs-Rekombinationsstatistik in Halbleitern/. 09 p1551 A67-21669
- JUNGMAN, J. A.
A new astrodynamical perturbation theory. [AIAA PAPER 67-25] 06 p1085 A67-18304
- The exact analytic solution of the lunar landing problem. [AAS PAPER 66-121] 07 p1254 A67-19980
- The exact analytic solution of the lunar landing problem. [AAS PAPER 66-121] 13 p2209 A67-27535
- Gravity turn trajectories through planetary atmospheres. [AIAA PAPER 67-596] 19 p3336 A67-35992
- JUNGWIRTH, K.
Cyclotron instabilities of a two-component electron plasma. 18 p3089 A67-34295
- JUNGWIRTHOVA, H.
Storage time of a drift transistor in the saturation region. 05 p0778 A67-17094
- JUNKER, H.
Threshold dependency on photon energy in GaAs laser diodes. 03 p0379 A67-13480
- JUNKHAN, G. H.
Effects of free-stream turbulence and pressure gradient on flat-plate boundary-layer velocity profiles and on heat transfer. [ASME PAPER 66-WA/HT-4] 04 p0608 A67-15448
- Effects of free-stream turbulence and pressure gradient on flat-plate boundary-layer velocity profiles and on heat transfer. [ASME PAPER 66-WA/HT-4] 15 p2470 A67-29321
- JURAN, W.
Ignition transients in small hypergolic rockets. [AIAA PAPER 67-515] 18 p3114 A67-33978
- JUREWICZ, L. S.
Thermal design of the ISIS "A" spacecraft. 05 p0904 A67-16294
- JURICIC, D.
The test of flutter stability by the random excitation method. 16 p2764 A67-30861
- JURY, E. I.
A nonlinear discrete system equivalence of integral pulse frequency modulation systems. 16 p2652 A67-31685
- A nonlinear discrete system equivalence of integral pulse frequency modulation systems. 24 p4135 A67-42182
- JUSICK, A. T.
Atomic and molecular species. 04 p0660 A67-14692
- Electron impact cross sections for atmospheric species. I. 20 p3489 A67-37417
- JUST, T.
Application of chemical reaction kinetics to various problems of aeronautics and astronautics /Anwendung der chemischen reaktionskinetik auf verschiedene Probleme der Luft-und Raumfahrt/. [DVL-602] 03 p0366 A67-12999
- JUST, W.
Comparative stability and control considerations for fixed-wing and rotating-wing aircraft /Vergleichende Stabilitaets-und Steuerungsbetrachtungen bei Flaechenflugzeugen und Drehfluegelflugzeugen/. 06 p0944 A67-17628
- Flight Mechanics. Volume 1 - Flight Characteristics, Static Stability, Equations of Motion, Excitation and Response /Flugmechanik. Volume 1 - Flugeigenschaften, statische Stabilitaet, Bewegungsgleichungen, Erregung und Antwort/. 06 p0949 A67-18725
- Problems of high-speed helicopters /Probleme des Schnellhubschraubers/. 22 p3745 A67-39753
- JUSTER, F.
New applications of transistors and microcircuits /Applications nouvelles des transistors et microcircuits/. 04 p0579 A67-14402
- JUSTI, E.
Storage of solar electrical energy by electrolysis of water, separate storage of

compressed hydrogen and oxygen, and subsequent recombination of these gases by fuel cells. 07 p1132 A67-20288

JUSTUS, C. G.

The eddy diffusivities, energy balance parameters, and heating rate of upper atmospheric turbulence. 08 p1328 A67-21478
The spectrum and scales of upper atmospheric turbulence. 13 p2108 A67-26314
The velocity probability density of upper atmospheric turbulence. 14 p2346 A67-28058

JUULMAN, C. O. L.

Recent developments in the application of the Fabry-Perot interferometer to space research. 20 p3440 A67-36359

K

KAARLELA, W. T.

Alloy effects in the low-pressure diffusion bonding of superalloys. 17 p2866 A67-33200

KAATARI, G. E.

Pressure distribution on forward face of blunt bodies at angle of attack. 19 p3169 A67-34833

KAATZ, H. W.

Recent developments in instrumentation and fuel systems for turbocharged and/or pressurized aircraft. [SAE PAPER 670262] 12 p1899 A67-25510

KABANOV, D. A.

Tunnel-diode traveling wave amplifier /Usilitel' begushchel volny na tunnel'nykh diodakh/. 03 p0377 A67-13234

KABANOV, M. V.

Attenuation of a light signal in a scattering medium. IV - Interference effects in light scattering /Zatukhanie svetovogo signala v passelvalushchel srede. IV - Ob interferentsionnykh effektykh pri rasselanii sveta/. 02 p0263 A67-12671

Experimental investigation of the range of applicability of the Bouguer law for describing the attenuation of narrow collimated light beams in scattering media /Eksperimental'noe issledovanie granits primenimosti zakona Bugera dlia opisaniia oslableniia uzkiikh kollimirovannykh svetovykh puchkov v rasselvalushchikh sredakh/. 20 p3462 A67-37666

Laser emission attenuation in artificial water fogs /Oslablenie izlucheniia opticheskikh kvantovykh generatorov v iskusstvennykh vodnykh tumanakh/. 22 p3816 A67-39921

KABANOV, V. V.

Stability of a plastic reinforced circular shell in the presence of nonuniform heating and compression /Ustoiichivost' plasticheskoi podkreplennoi krugovoi obolochki pri neravnomernom nagreve/. 05 p0913 A67-16190

Stability of an anisotropic circular cylindrical shell under compression and internal pressure /Ustoiichivost' anizotropnoi krugovoi tsilindricheskoi obolochki pri szhati i vnutrennem davlenii/. 14 p2400 A67-28642

KABELAC, J.

Model atmospheres and astronomical and parallax refraction /Atmosphaerenmodelle und astronomische sowie parallaktische Refraktion/. 07 p1174 A67-19716

KABELEVSKII, M. G.

Cyclic nonisothermal deformation of disks /O tsiklicheskom nelzotermicheskom deformirovani diskov/. 05 p0810 A67-16177

KABELITZ, H.-P.

Force measurements at blunt bodies in the DVL free-piston shock tunnel /M equals 8 to 16/ /Kraftmessungen an stumpfen Koerpern im DVL-Stosswellenwindkanal mit freiliegendem Kolben /M equals 8 - 16/. 04 p0546 A67-14575

KABUTO, H.

Thomson scattering of ruby laser light by shock wave plasma. 18 p3084 A67-33649

KACHANOV, A. S.

The construction of a control system for carrier rockets and space vehicles that are rapidly rotating around the center of mass. 22 p3898 A67-39175

KACHANOV, L. M.

Creep problems occurring during periodic changes in the temperature field /O zadachakh polzuchesti pri periodicheskikh izmeneniiakh temperatury/. 05 p0912 A67-16176

KACHKOVSKAIA, E. T.

Structural X-ray diffraction study of the compound Ni sub 3 Al alloyed with Ti, Cr and W. 20 p3467 A67-37116

KACHNIC, J. E.

Future improvements in critical areas of TRKI-12 receiver/recorder group. 20 p3380 A67-36550

KACHUR, V.

Mechanical behavior of a continuous filament carbon composite. 03 p0453 A67-13412

Mechanical behavior of a continuous filament carbon composite. [AIAA PAPER 67-173] 06 p1021 A67-18509

KACHURIN, G. A.

Bombardment of thin CdTe films with indium ions. 20 p3504 A67-36160

KACPRZYNSKI, J. J.

Recent developments in the supersonic flow over axisymmetric bodies with continuous or discontinuous slope. [AIAA PAPER 67-5] 06 p0939 A67-18303

KACZKOWSKI, Z.

Extrema of the permeabilities and elastic moduli of Ni-Co-Mn ferrites /Ekstrema przenikalnosci i moduluw sprzynosci ferrytow Ni-Co-Mn/. 05 p0863 A67-16703

KACZOREK, H.

Measurement of air temperature at subsonic and supersonic speeds /Pomiar temperatury powietrza przy predkosciach poddzwiekowych i nadzwekowych/. 22 p3797 A67-39542

KADER, B. A.

Structure of the viscous sublayer of the turbulent boundary layer of an incompressible fluid /K stroenliu vliakogo podslola turbulentnogo pogranichnogo sloia neshlimamoi zhidkosti/. 06 p0982 A67-17741

KADEREIT, H. G.

Superconducting switching and storage elements /Supraleitende Schalt-und Speicherelemente/. 06 p0972 A67-18433

KADEREIT, H.-G.

Investigation of the electric conductivity of thin gold and nickel evaporated films /Untersuchungen zur elektrischen Leitfaehigkeit von duennem Gold-und Nickelauflagerschichten/. 23 p4040 A67-41016

KADISH, A.

Stability of guiding-center plasmas in a sheared magnetic field. 22 p3848 A67-39688

KADO, R. T.

Renal lymph oxygen tension during graded renal ischemia. 06 p0952 A67-17853

Computer analysis of EEG data from Gemini flight GT-7. 13 p2062 A67-26919

Electroencephalographic baselines in astronaut candidates estimated by computation and pattern recognition techniques. 13 p2062 A67-26921

Analysis of brain wave records from Gemini flight GT-7 by computations to be used in a thirty day primate flight. 15 p2425 A67-29104

The patho-physiology of decompression sickness - Dysbarism. 16 p2611 A67-30770

Altered pulmonary hemodynamics following experimental decompression sickness. 22 p3751 A67-39602

Radioisotopic color scanning of pulmonary aerobombs in experimental decompression sickness - Dysbarism. 23 p3956 A67-41626

KADOMTSEV, B. B.

Diffusion of the plasma of a toroidal discharge. 01 p0126 A67-11300

Flute-type instability of a plasma in a toroidal geometry /O zhelobkovoi neustoiichivosti plazmy v toroidal'noi geometrii/. 03 p0476 A67-13343

Plasma instability and controlled thermonuclear reactions /Neustoiichivost' plazmy i upravlaemye termoladernye reaktsii/. 11 p1831 A67-24016

Plasma instability and controlled thermonuclear reactions /Neustoiichivost' plazmy i upravlaemye termoladernye reaktsii/. 13 p2164 A67-26387

Flute instability of plasma in toroidal discharges. 13 p2172 A67-27715

Plasma instability /Neustoiichivost' plazmy/. 19 p3292 A67-35388

KADOSCH, M.

The curved wall effect. 08 p1320 A67-20450

KADOTA, T. T.

Generalized optimum receivers of Gaussian signals. 11 p1760 A67-24235

KADOWAKI, T.

Automatic production of semiconductors. 12 p1951 A67-26224

KADYMOV, G. G.

Selenium stabiltron tubes /Selenovye stabiltrony/. 07 p1149 A67-19165

KAHLER, W. A., JR.

Weldability of titanium alloy sheets 6Al-6V-2Sn and 8Al-1Mo-1V. 09 p1520 A67-22621

KAEMMEL, G.

Concerning the membrane stress state of a spiral-tube surface /Ueber den Membranspannungszustand einer Schraubrohrflaeche/. 22 p3913 A67-40009

KAEPPELER, H. J.

The influence of non-equilibrium excitation on the electron density in one-dimensional MFD channel flow. 09 p1542 A67-21814

Investigation of plasma-magnetic shock waves with a Mach-Zehnder-Interferometer. 19 p3293 A67-35400

KAESTNER, P. T.

Visual simulation. 11 p1749 A67-24629

An articulated optical pickup for scale model simulation. 12 p1941 A67-25470

An articulated optical pickup for scale model simulation. 23 p3988 A67-41502

KAFKA, P.

How to count quasars. 07 p1249 A67-19661

KAFKA, V.

Effect of microscopic heterogeneity on the elastoplastic deformation laws /Der Einfluss der mikroskopischen Heterogenitaet auf die elastischplastischen Verformungsgesetze/. 09 p1575 A67-21931

KAFTAN-KASSIM, M. A.

Measurements of the 1.9 cm thermal radio emission from Mercury. 07 p1246 A67-19056

KAFTANDJIAN, V.

Influence of electron/Cs super plus -ion radiative recombination on the intensity of the spectral lines of cesium /Influence de la recombinaison radiative electron-ion Cs super plus sur l'intensite des raies spectrales du cesium/. 20 p3488 A67-36436

KAGADII, S. V.

Nonlinear oscillations of a one-dimensional elastic object /O nelineinykh kolebaniakh odnomernogo uprugogo ob'ekta/. 12 p2032 A67-25966

KAGALENKO, B. V.

Cross correlation coefficient of interference in a two antenna phase direction finder. 03 p0386 A67-13957

KAGAN, I. U. M.

Investigation of a hollow-cathode discharge. II. 08 p1358 A67-20851

Probe measurements at intermediate and high pressures /K zondovym izmereniam pri promezhtuotnykh i vysokikh davleniakh/. 09 p1539 A67-21783

The mechanism of the contracted discharge column. 19 p3272 A67-35092

Determination of the electron energy distribution function for a noisy plasma. 20 p3496 A67-36687

KAGAN, M. B.

Gallium arsenide optical filters. 03 p0488 A67-12658

Analysis of the spectral and temperature curves of photoelectric converters /solar cells/ and selection of effective areas for their use. 07 p1131 A67-19105

Study of high-efficiency GaAs solar cells and the possibilities of improving them /Issledovanie vysokoeffektivnykh solnechnykh elementov iz arsenida gallia i vozmozhnosti ikh uluchsheniia/. 13 p2056 A67-27623

Investigation of the electrical characteristics of GaAs p-n diffusion junctions used as solar cells /Issledovanie elektricheskikh kharakteristik GaAs diffuzionnykh p-n-perekhodov, ispol'zuemykh v kachestve solnechnykh elementov/. 19 p3300 A67-34769

KAGIWADA, H.

A computational approach to Chandrasekhar's planetary problem. 03 p0462 A67-13903

Invariant imbedding and radiative transfer in spherical shells. 10 p1680 A67-23634

Numerical results for the estimation of source distributions from external radiation-field measurements. 23 p4082 A67-40993

KAGIWADA, H. H.

Invariant imbedding and the numerical integration of boundary-value problems for unstable linear systems of ordinary differential equations. 07 p1218 A67-20214

A proposed computational method for estimation of orbital elements, drag coefficients and potential fields parameters

- from satellite measurements. 15 p2562 A67-30069
- KAGRAMANOVA, E. T.**
Solution of the problem of the oscillations of a plate in its plane by a finite-difference method /K resheniliu zadachi o kolebanih plastinki v svoei ploskosti metodom konechnykh raznostei/. 10 p1721 A67-23645
- KAHAN, T.**
Electrodynamics of Plasmas. 19 p3267 A67-34866
- KAHLE, A. B.**
Estimated surface motions of the earth's core. 08 p1329 A67-21485
Comparison of estimates of surface fluid motions of the earth's core for various epochs. 23 p3996 A67-40815
Nature of surface flow in the earth's central core. 23 p3996 A67-40816
- KAHLER, S. W.**
Energetic protons from the solar flare of March 24, 1966. 23 p4060 A67-41233
- KAHLES, J. F.**
Machining the maraging steels. 23 p4010 A67-41352
- KAHN, A.**
Critical re-evaluation of the human transfer function problem. 13 p2063 A67-26923
- KAHN, D.**
Sound propagation in rarefied gases. 02 p0235 A67-12565
Energy coupling at a two-fluid plasma density discontinuity. 08 p1384 A67-21397
- KAHN, F. D.**
On the most economical way to measure auto-correlations in a radiation field. 01 p0114 A67-10808
- KAHN, H. L.**
Determination of metals in metals by atomic absorption spectrophotometry. 12 p1947 A67-26127
- KAHN, J. F.**
V/STOL airline system simulation. [AIAA PAPER 67-841] 24 p4096 A67-42979
- KAHN, W. K.**
Single-beam-laser rotation-rate sensor. 01 p0091 A67-11322
- KAHN, Y.**
Static Green's function for elastic electron-hydrogen scattering and resonances. 22 p3839 A67-39204
- KAHNEMAN, D.**
Pupil diameter and load on memory. 05 p0756 A67-16587
- KAHRILAS, P. J.**
Hardpoint demonstration array radar. 08 p1315 A67-20679
- KAHRS, J.**
Propellant injection through porous media. [AIAA PAPER 67-463] 18 p3026 A67-33934
- KAI, K.**
Energy distribution of electrons producing microwave impulsive bursts and X-ray bursts from the sun. 01 p0145 A67-11145
- KALDALOV, V. A.**
Current density distribution in an MHD channel in the presence of Hall effect - Analytical description and comparison with the experiment /Raspredelenie plotnosti toka v MGD kanale pri nalichii efekta Kholla - Analiticheskoe opisanie i sravnenie s eksperimentom/. 03 p0479 A67-13686
Calculation of a magnetogasdynamical flow in a channel with sectional electrodes /Raschet magnitogazodinamicheskogo techeniya v kanale s sektiionirovannymi elektrodami/. 06 p1043 A67-18675
- KALIDANOV, V. I.**
Investigation of galvanic and thermomagnetic phenomena in semiconductors by a transient method. 11 p1792 A67-24814
Determination of galvanomagnetic and thermomagnetic effects in semiconductors. 14 p2365 A67-28314
Study of the band structure and the current-carrier scattering mechanism in tin telluride /Issledovanie zonnol struktury i mekhanizma rasselaniya nositelei toka v telluride olova/. 19 p3300 A67-34766
- KALIDANOVSKII, N. L.**
Effect of the atmosphere on the characteristics of radio telescopes of maximally large dimensions. 07 p1158 A67-20241
Design of radio interferometers with a super-long base. 14 p2261 A67-28068
Scanning of the directive pattern of a receiving array antenna utilizing the difference in phase lead between the heterodyne and the converted signals at the feeder. 24 p4130 A67-42234
- KAIFER, R. C.**
The OSO-1 solar neutron experiment. 23 p4061 A67-41236
- KAILATH, T.**
The divergence and distance measures in signal selection. 09 p1459 A67-21580
- KAILOS, N. C.**
Increased helicopter capability through advanced powerplant [AHS PAPER 119] 16 p2598 A67-31835
- KAIMAL, J. C.**
Characteristics of vertical velocity fluctuations observed on a 430-m tower. 19 p3251 A67-35056
- KAINARSKII, I. S.**
Investigation of compaction during the hot compression of magnesium oxide with additives /Issledovanie uplotneniya pri gorjachem pressovanii oksii magniia s dobavkami/. 01 p0102 A67-11243
- KAINOVA, G. E.**
Rational regimes for machining and heat treatment of the VT15 titanium alloy and its welds /Ratsional'nye rezhimy mekhaniko-termicheskoi obrabotki titanovogo splava VT15 i ego svarykh soedinenii/. 07 p1208 A67-19294
- KAINUMA, S.**
Further experimental study of scattering propagation caused by the field aligned irregularities on VHF bands. 24 p4120 A67-42150
- KAIPNAZAROV, D.**
Low-temperature internal friction in silicon. 04 p0681 A67-15294
- KAISER, B. A.**
Estimates of ionospheric composition and temperature derived from topside sounder electron scale height data. 24 p4147 A67-42057
- KAISER, P.**
The inclined log-spiral antenna, a new type of unidirectional, frequency-independent antenna. 11 p1763 A67-24294
- KAISER, R.**
Heavy cosmic ions obtained in ionospheric emulsions exposed in a polar satellite /Ions lourds cosmiques obtenus dans des emulsions ionographiques exposees en satellite polaire/. 12 p1999 A67-25830
Experimental method for the study of biological effects of heavy ions of primary cosmic radiation on bacteria /Methode experimentale pour l'etude des effets biologiques provoques par les ions lourds du rayonnement cosmique primaire sur des bacteries/. 14 p2254 A67-28213
- KAISER, R. L.**
Phase-locked interferometers and arrays. 15 p2451 A67-29922
How the advent of satellites has influenced the design of microwave antennas. 21 p3593 A67-38233
- KAISER, T. R.**
The effects of thermal radiation, conduction and meteoroid heat capacity on meteoric ablation. 01 p0147 A67-10357
Low frequency probe measurements in the ionosphere. 10 p1648 A67-23286
The duration distribution of radio-echoes obtained from underdense shower-meteor trains. 20 p3521 A67-36303
- KAISER, W.**
Energetic plasmas produced by laser light on solid targets. 23 p4033 A67-41152
- KAITERIS, C. P.**
Some results concerning radar waveform design for detecting targets in clutter. 03 p0369 A67-13680
Theoretical performance of wide-band interferometers. 08 p1300 A67-20680
Radar-waveform design for detecting targets in clutter. 15 p2438 A67-30135
- KAIUK, I. A. F.**
Concentration of forces and moments near circular holes in shells of revolution /Kontsentratsiia usilii i momentov voze krugovykh otverstii obolochek vrashcheniya/. 11 p1878 A67-24879
Application of improved equilibrium equations to the investigation of shell stability /O primenenii tochnennykh uravnenii ravnovesiia dlia issledovaniia ustoiichivosti obolochek/. 21 p3721 A67-38304
Analytical extension of the solutions of nonlinear differential equations along a parameter /Ob analiticheskoi prodolzhenii reshenii neliniynykh differentsial'nykh
- uravnenii po parametru/. 23 p4023 A67-40926
- KAJAREKAR, P. J.**
Determination of the flux of primary cosmic ray hydrogen and helium nuclei near the geomagnetic equator using nuclear emulsions. II. 03 p0506 A67-13720
- KAJFEZ, D.**
Modifications on the axial-mode helical antenna. 13 p2076 A67-26514
- KAJI, Y.**
Static deflection of a parallelogrammic plate with clamped edges subjected to uniform pressure. 15 p2573 A67-29312
- KAJIWARA, T.**
Frequency of microwave oscillation in GaAs p-n junctions. 01 p0137 A67-11070
- KAJIYAMA, K.**
Trap density in epitaxially grown GaAs. 12 p1983 A67-25457
- KAKAURIDZE, D. B.**
Report on the performance of the Tskhra-Tskaro facility, and preliminary data on the free path of nuclear-active particles with energies from 10 super 11 to 10 super 12 ev in carbon /Soobshchenie o rabote ustanovki "Tskhra-Tskaro" i predvaritel'nye dannye o svobodnom probege laderno-aktivnykh chastits s energiei 10 super 11 - 10 super 12 ev v uglerode/. 24 p4219 A67-42845
Cross section of interaction of nuclear-active particles with energies from 5 x 10 super 10 to 10 super 12 ev in iron /Sechenie vzaimodelstviia laderno-aktivnykh chastits s energiami ot 5.10 super 10 do 10 super 12 ev v zheleze/. 24 p4219 A67-42846
- KAKHIDZE, G. P.**
Measurement of the effective cross section of the inelastic interaction of protons with carbon nuclei at energy levels of 10 super 10 to 10 super 12 ev by the Proton-1 satellite /Izmereniia effektivnykh sechenii neuprugogo vzaimodelstviia protonov s iadrami ugleroda pri energiiakh 10 super 10 - 10 super 12 ev na izs Proton-1/. 02 p0315 A67-12757
Spectrometer of a Proton-type satellite for primary high-energy cosmic ray particles /Spektrometr chastits pervichnogo kosmicheskogo izlucheniia vysokoi energii dlia izs tipa "Proton"/. 17 p2854 A67-32245
Measurements on board the satellite Proton 1 of the cross sections for inelastic interaction of protons with carbon nuclei at energies of 10 super 10-10 super 12 ev. 22 p3876 A67-40259
Report on the performance of the Tskhra-Tskaro facility, and preliminary data on the free path of nuclear-active particles with energies from 10 super 11 to 10 super 12 ev in carbon /Soobshchenie o rabote ustanovki "Tskhra-Tskaro" i predvaritel'nye dannye o svobodnom probege laderno-aktivnykh chastits s energiei 10 super 11 - 10 super 12 ev v uglerode/. 24 p4219 A67-42845
- KAKICHASHVILI, SH. D.**
New method of obtaining high-resolution holograms. 18 p3053 A67-34620
- KAKIMOTO, A.**
Measuring dielectric characteristics of thin films. 05 p0871 A67-17483
- KAKINUMA, T.**
High-resolution observations of the sources of solar radio burst at 9.4 Gc/s. 14 p2383 A67-27883
The absolute calibration on the flux density of solar radio emission. 14 p2385 A67-28440
- KAKOL, S. J.**
Flight tests of the first dual tandem ducted fan V/STOL. 06 p0948 A67-18201
- KAKOLEWSKI, J. W.**
Polydipsia elicited by the synergistic action of a saccharin and glucose solution. 24 p4113 A67-42099
- KAKU, S.**
Generalized analysis of output signal of switched mode amplifier. 07 p1154 A67-19656
- KAKURIN, L. I.**
Changes of water-salt metabolism under conditions of 62-day hypokinesia /Izmenenie vodno-solevogo obmena v usloviakh 62-sutochnoi gipokinezii/. 16 p2613 A67-30916
- KAKUSHADZE, T. I.**
Mixed cadmium ferrites of spinel structure /Smeshannye kadmievye ferrity shpnel'noi struktury/. 06 p1050 A67-18182
- KAKUYAMA, E.**
The method of implementing training problems for site simulator. 13 p2090 A67-27233

KALABA, R.

- A computational approach to Chandrasekhar's planetary problem. 03 p0462 A67-13903
Invariant imbedding and radiative transfer in spherical shells. 10 p1680 A67-23634
Numerical results for the estimation of source distributions from external radiation-field measurements. 23 p4082 A67-40993
New methods for the solution of partial differential equations. 24 p4180 A67-43084

KALABA, R. E.

- Numerical inversion of the Laplace transform. 06 p1023 A67-17942
Invariant imbedding and the numerical integration of boundary-value problems for unstable linear systems of ordinary differential equations. 07 p1218 A67-20214
A proposed computational method for estimation of orbital elements, drag coefficients and potential fields parameters from satellite measurements. 15 p2562 A67-30069

KALACHEV, M. G.

- Effect of noise on an ideal relay with a decelerated feedback /Vozdelstvie pomekh na ideal'noe rele, okhvachennoe zamedlennoi obratnoi svyaz'yu/. 05 p0782 A67-16321
Effect of noise on an ideal relay which includes delayed feedback. 18 p3017 A67-33873

KALACHEV, M. I.

- Effect of the speed of deformation on structural changes in titanium /O vliyanii skorosti deformatsii na izmenenie struktury titana/. 07 p1209 A67-19735

KALACHEV, P. D.

- Principles of construction of the cross-shaped wideband radio telescope of the Physics Institute of the USSR Academy of Sciences /Osnovy konstruktssii krestobraznogo diapazonnogo radioteleskopa FIAN/. 08 p1318 A67-21339

- Possible ways of creating large radio telescopes /Vozmozhnye puti sozdanii krupnykh radioteleskopov/. 08 p1318 A67-21342

- Parabolic reflector with shields /Parabolicheskii reflektor s ekranami/. 08 p1318 A67-21343

- Problems involved in creating a high-resolution parabolic antenna /Problemy sozdanii parabolicheskoi anteny vysokoi razreshalushchii sposobnosti/. 08 p1318 A67-21344

- Increasing the effective area of a radio-telescope antenna by decreasing the scattering on the struts /O povyshenii effektivnoi ploshchadi anteny radioteleskopa za schet umen'sheniya rasselaniia na tiagakh/. 08 p1318 A67-21347

- Elastic deformation of the 22-meter parabolic reflector of the RT-22 radio telescope of the Physics Institute of the USSR Academy of Sciences, caused by its structural weight /Uprugie deformatsii 22-metrovogo parabolicheskogo reflektora radioteleskopa RT-22 flak ot nagruzki sobstvennogo vesa. 08 p1424 A67-21354

- Elastic strains created in a parabolic reflector mounted on four supports by the weight of the structure in vertical position /Uprugie deformatsii parabolicheskogo reflektora na chetyrekhopornoi podveske ot sobstvennogo vesa konstruktssii pri vertikal'nom polozenii /kososimmetrichnoe nagruzhenie/. 08 p1424 A67-21355

- Design principles of the FIAN cross-type wide-range telescope. 17 p2831 A67-31935

- Possible methods of building large radio telescopes. 17 p2831 A67-31938

- A parabolic reflector with screens. 17 p2822 A67-31939

- Problems in constructing a high-resolution parabolic antenna. 17 p2831 A67-31940

- How the effective antenna area of a radio telescope can be increased by decreasing scattering on antenna bracing structures. 17 p2831 A67-31943

- Elastic deformations of the 22-meter parabolic reflector of the RT-22 radio telescope of the Lebedev Institute /FIAN/ due to gravity loading of the structure. 17 p2956 A67-31950

- Elastic deformations due to structural weight of a parabolic reflector with four-point suspension when in the vertical position /antisymmetric loading/. 17 p2956 A67-31951

- Rigidity of a parabolic reflector loaded by

its own weight /vertical position/
/Zhestkost' parabolicheskogo reflektora,
nagruzhennoego sobstvennym vesom

- polozhenie//. 20 p3542 A67-37511
Estimating the rigidity of a parabolic reflector loaded by its own weight /symmetrical loading/ /Otsenka zhestkosti parabolicheskogo reflektora, nagruzhennoego sobstvennym vesom /simmetrichnoe nagruzhenie//. 20 p3542 A67-37512

KALAFATI, D. D.

- Thermodynamics of cycles based on the mixing of molten metal in front of an MHD converter. 16 p2610 A67-31780

KALAJDA, O. F.

- General method for solving linear integral equations of the second kind /Pro odin zagal'nyi metod rozv'iazuvannia liniinikh integral'nykh ravnaniy drugogo rodu/. 18 p3071 A67-34167

KALANDIA, A. I.

- Numerical solution of plane problems of the theory of elasticity /K chislennom reshenii ploskikh zadach teorii uprugosti/. 13 p2220 A67-27621

KALANTAR, A. H.

- Carnot cycle diagrams. 01 p0166 A67-10505

KALASHNIKOV, S. G.

- On the velocity of space charge waves /electrical domains/ in semiconductors. 04 p0676 A67-14928
The wave velocity of the space charge /electric domains/ in semiconductors. 11 p1846 A67-24482
Active ultrasonic delay line. 24 p4130 A67-42237

KALASHNIKOV, V. K.

- Flow in the neighborhood of the stagnation point with magnetic fields parallel and perpendicular to the body surface. 18 p2723 A67-31581

- Possibility of investigating supersonic plasma flows with a total head tube /O vozmozhnosti issledovaniia sverkhzvukovogo potoka plazmy trubkoi napora/. 24 p4197 A67-42355

KALBERLAH, W.

- Storage of solar electrical energy by electrolysis of water, separate storage of compressed hydrogen and oxygen, and subsequent recombination of these gases by fuel cells. 07 p1132 A67-20288

KALE, P.

- Study of solar X rays. 12 p1999 A67-25835

KALER, J. B.

- The wavelength dependence of the characteristic curve. 06 p1002 A67-17977

KALEVICH, V. V.

- Effect of wave processes on the stability of a hydraulic servosystem /O vliyanii volnovykh protsessov na ustoiichivost' slediashech gidrosistemy/. 21 p3570 A67-38048

KALGIN, V. N.

- Channel profiles for producing vortex flows in weakly ionized gases in transverse magnetic fields. 12 p1977 A67-26076

KALIANOVA, M. P.

- Treatment of steel with laser rays. 06 p1008 A67-18234

KALIKHMAN, L. E.

- Elements of magnetogasdynamics. 07 p1230 A67-19727
Possibility of investigating supersonic plasma flows with a total head tube /O vozmozhnosti issledovaniia sverkhzvukovogo potoka plazmy trubkoi napora/. 24 p4197 A67-42355

KALINICHEV, B. P.

- One-dimensional probability density of the sum of pulsed and fluctuation noises /Odnomernaia plotnost' veroiatnosti summy impul'snykh i fluktuatsionnykh pomekh/. 16 p2623 A67-31016

KALININ, E. K.

- Unsteady heat transfer in tubes resulting from changes in heat flow, gas mass flow rate and acoustic resonance. 04 p0733 A67-15844

- Convective heat transfer in a tube with a gaseous heat carrier pulsating at a frequency that corresponds to the second resonance harmonic /Konvektivnyi teploobmen v tube pri pul'satsiiakh gazovogo teplonositella s chastotoi, sootvetstvuiushchei vtoroi rezonansnoi garmonike/. 07 p1266 A67-19182

- Nonstationary convective heat transfer and hydrodynamics in channels /Nestatsionarnyi konvektivnyi teploobmen i gidrodinamika v

kanalakh/. 07 p1266 A67-19183

- Experimental study of unsteady heat transfer in a tube in the presence of a variable gas flow rate /Eksperimental'noe issledovanie nestatsionarnogo teploobmena v tube pri izmenenii rashkoda gaza/. 17 p2967 A67-32129

- Experimental study of unsteady heat transfer in a tube during heat-flux fluctuations /Eksperimental'noe issledovanie nestatsionarnogo teploobmena v tube pri izmenenii teplovogo potoka/. 17 p2967 A67-32130

- Unsteady convective heat transfer and hydrodynamics in channels /Nestatsionarnyi konvektivnyi teploobmen i gidrodinamika v kanalakh/. 17 p2967 A67-32131

- Convective heat transfer of a pulsating flow in a tube near the first resonant harmonic /Konvektivnyi teploobmen pul'siruiushchego potoka v tube vblizi pervoi rezonansnoi garmoniki/. 23 p4082 A67-41285

KALININ, I. U. D.

- Effect of the nondipole portion of the geomagnetic field at the boundary of the magnetosphere /Nedipol'nala chast' geomagnitnogo polia skazyvaetsia na granitse magnitosfery/. 14 p2308 A67-27931

KALININ, I. U. I.

- Method of computing signal intensity along a short-wave link. 24 p4120 A67-42129

KALININ, I. U. K.

- Method of calculating the signal intensity along a short-wave path /Metod rascheta intensivnosti signala vdol' korotkovolnovoi trassy/. 10 p1603 A67-22793

- Some inversion formulas for parabolic functions /Nekotorye formuly obrashcheniia dlia parabolicheskikh funktsii/. 21 p3652 A67-38110

KALININ, S. V.

- Conditional stability of a class of controlled systems /Uslovnaya ustoiichivost' odnogo klassa reguliruemyykh sistem/. 12 p1919 A67-26104

KALININ, V. P.

- Effect of misadjustment of laser resonator mirrors on the angular distribution of laser radiation. 15 p2500 A67-29759

- Study of a compound-cavity laser. 17 p2868 A67-32661

KALINKIN, L. F.

- Study of high-energy gamma quanta outside the atmosphere /Izuchenie gamma-kvantov vysokoi energii za predelami atmosfery/. 05 p0877 A67-16088

- Device for measuring high-energy gamma quanta present in primary cosmic radiation /Pribor dlia izmereniia gamma-kvantov vysokoi energii v sostave pervichnogo kosmicheskogo izlucheniia/. 09 p1497 A67-21899

- Investigation of high-energy gamma rays beyond the atmosphere. 24 p4212 A67-42764

KALINKOV, M.

- An Einstein effect. 12 p2002 A67-25540

- A statistical verification of a hypothesis for quasars. 13 p2198 A67-26766

KALINNIKOV, A. E.

- Thermodynamic analysis of the stress-strain relations for media of the polymer type. 13 p2218 A67-26886

- Effect of ultraviolet radiation on the strength of polyethyleneterephthalate film /Vliianie ul'trafiioletovogo izlucheniia na prochnost' polietilentereftalatnoi plenki/. 13 p2184 A67-27624

KALINSKA, B.

- Interband Faraday rotation and ellipticity in germanium and gallium arsenide. 24 p4202 A67-41984

KALIS, K. H. E.

- Resistance of poorly streamlined bodies at large Stuart numbers /Soprotivlenie plokhio obtekaemykh tel pri bol'shikh chislakh Stiuarta/. 06 p1045 A67-18692

KALISH, D.

- High-pressure, high-temperature ceramic structures. 03 p0450 A67-13308

KALISKI, S.

- A perfect self-excited piezoelectric resonator. 18 p3043 A67-33462

- The problem of resonance for longitudinal elastic waves in a finite bar. 18 p3140 A67-33465

- Resonance phenomena in unbounded systems /O zjawiskach rezonansowych w ukladach nieograniczonych/. 23 p4079 A67-41416

- KALISTA, R.**
Control of the recovery and recrystallization of rolled aluminum through small additions of beryllium, nickel, titanium, boron, or manganese /Beeinflussung der Erholung und der Rekristallisation von walzverformtem Aluminium durch geringe Zusätze von Beryllium, Nickel, Titan, Bor oder Mangan/. 04 p0637 A67-14910
- KALISZEWSKI, T.**
On the interpretation of plasma measurements in a waveguide interactometer. 03 p0477 A67-13458
A review of methods of measuring system parameters in time-variant space communication channels. 24 p4123 A67-42476
- KALITEVSKII, N. I.**
The output power of a gas laser using nearly confocal resonators. 03 p0438 A67-14190
- KALITIEVSKII, L. F.**
Aerodynamic calculation of air-cushion vehicles /K aerodinamicheskomu raschetu apparatov na vozdushnoi podushke/. 02 p0179 A67-12437
- KALIUSH, A. V.**
Theory of galvanomagnetic phenomena with an anisotropic electron-energy spectrum. 04 p0680 A67-15289
- KALLAY, N.**
System reliability analysis of the manned orbiting research laboratory. 08 p1411 A67-21073
- KALLENBACH, W.**
Comparison of the eigenfrequencies of circular cylindrical shells calculated by various methods with the measured values /Vergleich der nach verschiedenen Verfahren berechneten Eigenfrequenzen kreiszylindrischer Schalen mit gemessenen Werten/. 01 p0162 A67-10839
- KALLERGIS, M.**
Nomographic representation of processes in a ramjet external-combustion engine /Nomogrammdarstellung der Vorgaenge bei Staustrahltriebwerken mit aeußerer Verbrennung/. 04 p0688 A67-14578
- KALLFASS, T.**
Arrangement for phase-delayed triggering of oscillographs /Eine Anordnung zur phasenverzögerten Triggerung von Oszillografen/. 22 p3799 A67-39754
- KALLIANPUR, G.**
Multiplicity and representation theory of purely non-deterministic stochastic processes. 04 p0644 A67-14754
- KALLISTRATOVA, M. A.**
Oscillation of the image of an artificial source of light in the near-earth atmospheric layer /Drozhanie izobrazheniya iskusstvennogo istochnika sveta v prizemnom sloe atmosfery/. 02 p0238 A67-11987
Fluctuations of the angle of incoming light waves from a distributed source in turbulent atmosphere /Fluktuatsii ugla prikhoda svetovoykh voln ot protizhennogo istochnika v turbulentnoi atmosfere/. 05 p0761 A67-16346
Fluctuations in the direction of propagation of light waves in an inhomogeneous turbulent medium. 18 p3080 A67-34436
- KALMA, A. H.**
Production of disordered regions in germanium by electron irradiation. 06 p1048 A67-17832
- KALMAN, G.**
Equilibrium and linear response of a classical scalar plasma. 22 p3842 A67-39209
- KALMAN, R.**
Methods of solving systems of linear algebraic equations on an analog computer /Nekotorye metody resheniya sistem lineinykh algebraicheskikh uravnenii s pomoshch'yu analogovykh modelirulushchikh ustroystv/. 02 p0209 A67-12683
- KALMAN, R. E.**
Toward a theory of difficulty of computation in optimal control. 10 p1619 A67-23419
Effective construction of linear state-variable models from input/output functions. 14 p2291 A67-28066
- KALME, J. S.**
Spectral theory of Wiener-Hopf type integral operators on generalized Sobolev spaces. 10 p1674 A67-22968
- KALMYKOV, A. A.**
Current-layer dynamics and plasma acceleration in an electrodynamic flat-electrode accelerator /Dinamika tokovogo sloia i uskoreniye elektrodinamicheskoy uskoriteley/. 01 p0122 A67-10345
Adiabatic motion of plasmoids in a longitudinal magnetic field /K voprosu ob adiabatichnosti dvizheniya plazmennyykh sgustkov v prodol'nom magnitnom pole/. 01 p0122 A67-10351
Experimental study of the disintegration of an instantaneously heated substance and of the resulting pulse, for energy concentrations lower than the vaporization heat /Eksperimental'noye issledovanie razleta mgnovenno nagretogo veshchestva i voznikavshchego impul'sa pri kontsentratsii energii, men'shikh teploty isparennya/. 06 p1119 A67-18807
Current-sheet dynamics and acceleration of plasma in electrodynamic rail accelerators. 11 p1843 A67-25018
Adiabatic motion of plasmoids in longitudinal magnetic fields. 11 p1844 A67-25024
Adiabatic motion of plasmoids in a longitudinal magnetic field /K voprosu ob adiabatichnosti dvizheniya plazmennyykh sgustkov v prodol'nom magnitnom pole/. 15 p2524 A67-29245
Motion of a current layer in a coaxial plasma gun /Dvizhenie tokovogo sloia v koaksial'noi plazmennoi pushke/. 15 p2525 A67-29250
Observation of the flow layer and acceleration of plasma in a coaxial plasma gun /Issledovanie tokovogo sloia i uskoreniya plazmy v koaksial'noi plazmennoi pushke/. 15 p2529 A67-29718
- KALMYKOV, A. I.**
Backscattering of centimeter waves from a ruffled sea surface at small angles of slip /Obratnoye rasselaniye santimetrovyykh radiovoln vzvolnovannoy poverkhnosti morya pri malyykh ugklakh skolzheniya/. 05 p0761 A67-16345
Influence of the state of the sea surface upon the spatial characteristics of scattered radio signals. 08 p1294 A67-20819
Acoustic and radio-wave backscattering with irregular ripples /Obratnoye rasselaniye zvukovyykh i radiovoln neregulyarnoy riab'yu/. 19 p3185 A67-36018
- KALMYKOV, N. N.**
Calculations of the longitudinal and transverse development of extensive atmospheric showers and some prospects of studying them /Raschety prodol'nogo i poperechnogo razvitiya shirokikh atmosferykh livnei i nekotoryye perspektivy ikh izucheniya/. 02 p0318 A67-12784
Calculations of the longitudinal and transverse development of extensive air showers and some possibilities of investigation of such showers. 22 p3878 A67-40286
- KALMYKOV, S. G.**
Microwave diagnostics of shock structure. 06 p0984 A67-18077
- KALMYKOVA, S. S.**
Theory of excitation of a gyrotronic plasma waveguide by a coaxial line /K teorii vzbuzhdeniya givotropnogo plazmennogo volnovoda koaksial'noi liniy/. 04 p0665 A67-15165
Theory of excitation of a gyrotronic plasma waveguide by a coaxial line. 15 p2526 A67-29352
The theory of the excitation of a gyrotronic plasma waveguide by a coaxial line /K teorii vzbuzhdeniya givotropnogo plazmennogo volnovoda koaksial'noi liniy/. 16 p2718 A67-31190
Matching conditions for magnetohydrodynamic and coaxial waveguides. 16 p2722 A67-31575
- KALNIN, A. A.**
Investigation of p-n junctions prepared on a base of beryllium-doped silicon carbide /Issledovanie p-n-perekhodov, izgotovlennyykh na osnove karbida kremniya, legirovannogo berilliem/. 14 p2367 A67-28524
Investigation of p-n junctions prepared from silicon carbide doped with beryllium. 23 p4039 A67-40931
- KALNIN, R. K.**
Contactless flowmeter for electrically conducting fluids /Ob odnom beskontaktnom izmeritele skorosti tekuchey elektroprovodimoy zhidkosti/. 04 p0624 A67-15531
- KALNINS, A.**
On nonlinear analysis of elastic shells of revolution. [ASME PAPER 66-WA/APM-16] 04 p0713 A67-15407
Analysis of thin elastic shells with attached systems. [AIAA PAPER 67-45] 06 p1103 A67-18351
Analysis of curved thin-walled shells of revolution. 10 p1729 A67-23765
- KALNYNIA, R. P.**
Local diffusion of gallium in germanium /O lokal'noi diffuzii galliya v germanii/. 03 p0491 A67-13175
- KALOEROV, S. A.**
Stressed state of an anisotropic half-plane with a finite number of elliptical holes /Napriazhennoye sostoyaniye anizotropnoi poluploskosti s konechnym chislom ellipticheskikh otverstii/. 05 p0907 A67-16018
- KALOUS, J.**
Comparison of spot welding and adhesive bonding in aircraft production /Srovnani bodoveho svarovani a lepeni ve vyrobe letadel/. 19 p3236 A67-35821
- KALRA, G. L.**
Stability of gravitating streams. 03 p0511 A67-13877
Combined Taylor and Helmholtz instability in hydromagnetics including Hall effect. 08 p1359 A67-20902
Effect of finite ion Larmor radius on the stability of superposed fluids. 13 p2167 A67-26993
Kelvin instability in current-carrying cold plasma. 16 p2714 A67-30872
- KALTEIS, X.**
Participation of the MSQ radar group in the solar eclipse expedition /Einsatz der MSQ-Radargruppe bei der Sonnenfinsternis-Expedition/. 15 p2467 A67-29574
- KALTENHAUSER, R. H.**
Fatigue strength of a weldable high strength martensitic stainless steel. 22 p3811 A67-39447
Stainless maraging steel for welded pressure vessels. 24 p4161 A67-42328
- KALUGIN, V. N.**
Approximate allowance for the variation in the electrical conductivity of the gas in vortical magneto-gas-dynamic flow. 09 p1544 A67-21860
Magnetic systems of vortex magnetogasdynamic generators. 16 p2609 A67-31585
- KALUZA, V.**
Theory of human vibration response. [ASME PAPER 66-WA/BHF-15] 04 p0584 A67-15937
- KALUZHIN, A. A.**
Propagation of waves in three-dimensional elastoplastic bodies under the complete plasticity condition /O rasprostraneni voln v trekhmernyykh uprugoplasticheskikh telakh pri uslovi polnoi plastichnosti/. 21 p3716 A67-37968
- KAM, C. Y.**
Textured titanium in design. 04 p0711 A67-15242
- KAMADA, T.**
On the simple tension of an anisotropic semi-infinite plate with partially stiffened edge. 05 p0910 A67-16150
Observation of VLF noise spectrum by K-9M-19 rocket. 14 p2307 A67-27886
- KAMAL, A. A.**
Estimation of the energy of the primary and C.M.S. velocity of jets by various methods. 23 p4051 A67-40913
- KAMALOV, A. Z.**
Free and parametric oscillations of a cylindrical shell of infinite length in an acoustic medium /Svobodnye i parametricheskie kolebaniya tsilindricheskoi obolochki beskonechno dliny v akusticheskoi srede/. 04 p0717 A67-15888
- KAMARDIN, V. A.**
Change in the phase composition of slag during alloying of stainless steel with titanium /Izmeneni fazovogo sostava shlakov pri legirovani nerzhavayushchey stali titanom/. 16 p2687 A67-30842
- KAMARDINOV, O.**
Polynomial solutions for a set of equations of thermoelastic equilibrium of an anisotropic plate /O polinomial'nykh resheniyakh sistem uravnenii termoprugogo ravnovesiya anizotropnoi plastinki/. 10 p1718 A67-23405
- KAMEI, H.**
Application of thermoelectric cooling to

- avionic system LRU's. 05 p0754 A67-17454
- KAMEL, N.**
Radiation effects in glass lasers. 17 p2887 A67-32374
- KAMENKOV, G. V.**
On the problem of stability of motion in critical cases. 06 p1032 A67-18034
Stability of periodic motions /Ob ustoiichivosti periodicheskikh dvizhenii/. 10 p1680 A67-23666
The stability of periodic motions. 21 p3657 A67-38267
- KAMER, D.**
A differential piezoelectric accelerometer charge system. 23 p4007 A67-41384
- KAMESWARA RAO, A.**
A matrix method for vibration and stability problems. 05 p0917 A67-16301
- KAMI, S.**
System concepts for a liquid mercury cathode thruster. [AIAA PAPER 67-699] 21 p3697 A67-38959
- KAMIENSKI, M.**
Comet P/Wolf I in 1958-1968. 11 p1868 A67-25085
- KAMIMOTO, G.**
An analysis of the piston motion in hypersonic gun tunnel. 05 p0791 A67-16430
Fundamental study of gun shock tunnel. 11 p1773 A67-24577
An experimental investigation of several ablation materials in a plasma jet wind tunnel. 20 p3544 A67-36640
- KAMIMURA, H.**
Band structure of the semiconducting layer compounds. 06 p1058 A67-18905
Dynamical Processes in Solid State Optics, Tokyo Summer Lectures in Theoretical Physics, Oslo, Japan, August 29-September 3, 1966. Part 1. 23 p4037 A67-40756
- KAMINER, N. S.**
Annual variations of the neutron component of cosmic rays and the temperature effect /Godovye variatsii neitronnoi komponenty kosmicheskikh luchei i temperaturnyi efekt/. 02 p0307 A67-11666
Forbush effect in September and October 1962 /Forbush efekt v Sentjabre-Oktjabre 1962 g./ 05 p0881 A67-16121
Determination of the coupling coefficients of the cosmic-ray neutron component according to data obtained by the schooner Zaria /Opredelenie koeffitsientov svyazi neitronnoi komponenty kosmicheskikh luchei po dannym shkhuny "Zaria"/. 05 p0882 A67-16125
Annual variations of the neutron component of cosmic rays and the temperature effect. 16 p2738 A67-31081
Temperature effect of the neutron component /O temperaturnom effekte neitronnoi komponenty/. 17 p2933 A67-32088
Planetary distribution of cosmic-ray intensity and the temperature effect /Planetarnoe raspredelenie intensivnosti kosmicheskikh luchei i temperaturnyi efekt/. 17 p2933 A67-32090
Latitudinal effect of the neutron component from measurements performed on the schooner "Zaria" in 1960 /Shirotnyi efekt neitronnoi komponenty po izmereniyam na shkhune "Zaria" v 1960 g./ 17 p2933 A67-32092
Increase in the cosmic-ray intensity before Forbush effects /O vozrastanii intensivnosti kosmicheskikh luchei pered Forbush-effektami/. 21 p3699 A67-39029
The Forbush decrease of Sept.-Oct. 1962. 24 p4214 A67-42797
Determination of the coupling coefficients for the neutron component of cosmic rays on the basis of the data collected by the schooner "Zarya." 24 p4215 A67-42801
- KAMINS, M.**
Some elements of planned replacement theory. 01 p0083 A67-11339
- KAMINSKII, A. A.**
Ceric fluoride with neodymium additions as an active medium for lasers /Tserifluorit s primes'lu neodimom kak aktivnaya sreda dlia opticheskikh kvantovykh generatorov/. 05 p0825 A67-16922
Determination of critical loads responsible for the development of initially wide cracks /Opredelenie kriticheskikh nagruzok, vyzvalushchikh razvitiye rasshirenykh treshchin/. 05 p0923 A67-17179
Stimulated radiation from Y sub 3 Al sub 5 O sub 12 -Nd super 3 super plus crystals. 09 p1513 A67-22068
Neodymium-doped cerium fluoride in lasers. 14 p2330 A67-28262
Laser with neodymium-activated alpha-gagarinite. 15 p2496 A67-29360
Mixed systems on the basis of fluorides as new laser materials for quantum electronics - The optical and emission parameters. 16 p2725 A67-30809
Analysis of the optical spectra and stimulated radiation of Y sub 3 Al sub 5 O sub 12 -Nd super 3 super plus crystals. 16 p2726 A67-30810
Quasi-continuous CaF sub 2 - Dy super 2 super plus laser with pyrotechnic excitation /Kvazinepreryvnyi opticheskii kvantovyi generator na osnove CaF sub 2 -Dy super 2 super plus s pirotekhniskim vzbuzhdeniem/. 16 p2886 A67-31484
Determination of the critical load causing crack propagation near a curvilinear hole. 19 p3344 A67-35847
Investigations of new crystals for Q-switched lasers. 21 p3682 A67-38370
Induced emission of NaCaCeF sub 6 -Nd super 3 super plus at room temperature. 24 p4166 A67-41983
- KAMINSKII, A. S.**
Effect of intrinsic acceptors on the electron processes in gallium antimonide /Vliianie prirodnnykh akseptorov na elektronnye protsessy v antimonide gallia/. 10 p1694 A67-23651
Influence of residual acceptors on electronic processes in gallium antimonide. 17 p2923 A67-33332
- KAMINSKY, G.**
Time dependence of avalanche processes in silicon. 18 p3105 A67-34628
- KAMINSKY, J. J.**
Development of niobium-zirconium-carbon alloys. 09 p1519 A67-22397
- KAMIRYO, K.**
Optimum design of elliptical pumping chambers for solid lasers. 07 p1195 A67-19490
- KAMISHINA, Y.**
Fine structure of nuclear quadrupole resonance line of N super 14 in hydrazine. 21 p3688 A67-38418
- KAMIYA, N.**
On the bending of thin plates of material having a non-linear stress-strain relation. 13 p2215 A67-26267
- KAMIYAMA, H.**
Effects of the atmospheric composition and the electric field on the electron temperature. 05 p0798 A67-16862
Height profile of the Sq current in the ionosphere. 05 p0799 A67-16872
Flux of bremsstrahlung photons caused by energetic electrons precipitating into the upper atmosphere. 10 p1633 A67-23048
Height profile of the Sq current in the midlatitude ionosphere. 11 p1786 A67-24333
The electron density distribution in the lower ionosphere produced through impact ionization by precipitating electrons and through photolionization by the associated bremsstrahlung X-rays. 19 p3221 A67-35433
- KAMIYAMA, M.**
Thin-film technique. 12 p1951 A67-26212
- KAMIYAMA, S.**
Theory on the flow through bends with turning vanes. [ASME PAPER 67-FE-13] 14 p2304 A67-28362
Two dimensional potential theory on flow through bend of arbitrary profile. 20 p3356 A67-36533
- KAMMEN, H. O.**
A rapid assay for thymidylate synthetase. 14 p2280 A67-28479
Thymine metabolism in Escherichia coli. II. 20 p3370 A67-36795
Thymine metabolism in Escherichia coli. I. 20 p3370 A67-36799
- KAMMERER, J.-B.**
Curvature tensor of an isotropic hypersurface /Tenseur de courbure d'une hypersurface isotrope/. 09 p1534 A67-22566
- KAMMERER, O. F.**
Effect of dielectric and high-resistivity barriers on the superconducting transition temperature of thin films. 18 p3101 A67-33989
- KAMMUELLER, R.**
Description of static magnetisation curve of ESRO I magnetic damping system. 21 p3678 A67-38216
- KAMOUN, G.**
Apparatus for mechanical tests under vacuum at high temperature /Dispositif d'essais mecaniques sous vide a haute temperature/. 20 p3463 A67-36112
- KAMPER, R. A.**
Millidegree noise thermometry. 22 p3865 A67-40436
Contribution of thermal noise to the line-width of Josephson superconducting point contacts. 23 p4038 A67-40790
- KAMPRATH, W.**
Quenched-in levels in p-type silicon. 21 p3687 A67-39138
- KAMRA, A. K.**
The effect of a solar eclipse on atmospheric potential gradients. 10 p1651 A67-23347
- KAMRASS, M.**
Evaluating aircraft requirements in the light of varying or uncertain mission mixes. 22 p3745 A67-39618
- KAMUZ, A. M.**
Certain effects of the interaction between a ruby laser beam and "transparent" crystals /Nekotorye efekty vzaimodeistviya puchka rubinovogo lazera s "prozrachnymi" kristallami/. 03 p0435 A67-13128
Thermal effects during interaction of a ruby-laser beam with "transparent" crystals /Pro teplovi efekti pri vzaemodii puchka rubinovogo lazera z "prozorimi" kristallami/. 20 p3430 A67-37146
- KAMUZ, O. M.**
Self-focusing of light in NaCl crystals /Samofokusuvannia svitla v kristalakh NaCl/. 02 p0252 A67-12481
- KAMYNNIN, L. I.**
Smoothness of thermal potentials. III /O gladkosti teplovykh potentsialov. III/. 04 p0721 A67-14669
Boundary estimates of the Schauder type for the solution of the problem with oblique derivatives for a parabolic equation in a noncylindrical region. 08 p1348 A67-21153
- KAMYSHEV, I. A.**
The switching of a transistor circuit containing ferrite cores with a rectangular hysteresis loop /O pereklyucheni tranzistornoi skhemy, soderzhashchel ferritovye serdechniki s priamougolnoi petlei gisterezisa/. 20 p3399 A67-37114
- KAMZOLOV, V. N.**
Calculation of nonequilibrium flows in nozzles /Raschet neravnovesnykh techenii v soplakh/. 06 p0935 A67-17726
Analytical investigation of a supersonic jet expelled from an orifice with plane walls /Raschetnoe issledovanie sverkhzvukovoi strui, istekalushchel iz otverstia s ploskimi stenkami/. 16 p2656 A67-30455
- KAN, H.-P.**
Large deflection of rectangular sandwich plates. 19 p3342 A67-35770
- KAN, I. A. S.**
Analysis of a multistable-state cryotron memory circuit /Analiz kriotronnoi zapam'atovuluchoi skhemi z bagat'ma stilkimi stanami/. 06 p0966 A67-18242
- KAN, J. R.**
Amplification of irregularities in the ionosphere. 04 p0615 A67-14959
- KAN, S. N.**
Strength calculations of aircraft /Raschet samoleta na prochnost'/. 07 p1128 A67-19578
- KAN, S. S.**
Stability of shells of revolution with allowance for initial imperfections /Ustoiichivost' obolochek vrashcheniia s uchetoм nachal'nykh pogibel'/. 21 p3719 A67-38053
- KAN, V. L.**
Qualitative investigation of trajectories in proportional navigation. 08 p1351 A67-20830
- KANA, D. D.**
The vibrations of elastic shells containing liquids. 01 p0165 A67-11441
Some studies of nonlinear lateral sloshing in rigid containers. 05 p0790 A67-16135
A theory for nonlinear transverse vibrations of a partially filled elastic tank. [AIAA PAPER 67-74] 06 p1101 A67-18272
Parametric coupling in a nonlinear electromechanical system. [ASME PAPER 67-VIBR-30] 11 p1797 A67-24188
A theory for nonlinear transverse vibrations of a partially filled elastic tank. [AIAA PAPER 67-74] 21 p3727 A67-38866
- KANADA, M.**
On the nature of frequency spectrum of atmospheric source signals. 14 p2346 A67-27880
- KANARICK, A. F.**
Probability and payoff as factors

- influencing two-choice reaction-time. 15 p2427 A67-29134
- KANAVALLAU, I. A. R.**
Oscillography for the impact process in bending and tension /Astsylagرافاننه pratesu udaru pry defarmatsyakh vygibu i rastslazhennia/. 13 p2215 A67-26391
- KANAVETS, V. I.**
Communication device with a rapid cyclotron wave in the form of a system of coupled oscillators /Ustroistvo svyazi s bystro tsklotronnoi volnoi v vide sistemy svyazannykh rezonatorov/. 05 p0785 A67-17472
- KANAZIRSKI, KH. M.**
Investigation of the generation of rho super plus and n super ' super plus super plus resonances in the pi super plus p goes to pi super plus p pi super 0 reaction at a pi super plus -meson momentum of 2.34 Gev/c /Issledovanie rozhdeniya rezonansov rho super plus i n super ' super plus super plus v reaktse pi super plus p goes to pi super plus p pi super 0 pri impul'se pi super plus -mezonov 2,34 Gev/c. 24 p4193 A67-42856
- KANDA, T.**
Spin relaxation of optically pumped cesium atoms in some aromatic gases. 04 p0660 A67-14611
- KANDA, Y.**
Effect of stress on germanium and silicon p-n junctions. 14 p2364 A67-27825
- KANDELAKI, N. P.**
Behavior of certain classes of stochastic automata in random media. 08 p1313 A67-21327
- KANDER, K. A.**
Hydraulic fluid closed compartment fire tests. 09 p1521 A67-22245
- KANDIDOV, V. P.**
A method of studying essentially nonconservative oscillatory systems on an electronic analog computer /Odin metod issledovaniya sushchestvenno nekonservativnykh kolebatel'nykh sistem na elektronnoi modelirulushchei ustanovke/. 02 p0227 A67-12420
- KANDYBA, V. V.**
Use of the MP-59M device in plasma diagnostics /O primenenii pribora MP-59M dlia diagnostiki plazmy/. 09 p1499 A67-22328
- KANE, J.**
Switch over to field-effects for digital needs. I. 02 p0215 A67-11971
- KANE, J. A.**
Rocket measurements of D-region electron number densities at sunrise. 08 p1379 A67-21488
- KANE, J. L.**
Oriented noncontinuous boron composites. 08 p1335 A67-20911
- KANE, J. R.**
Plonic and muonic X rays in liquid helium. 24 p4192 A67-42735
- KANE, P. O.**
A method of measuring the concentration of certain polymers in dilute aqueous solutions. 15 p2433 A67-29676
- KANE, P. P.**
Possibilities of observation of nonlinear quantum electrodynamic effects in vacuum. 09 p1534 A67-22021
- KANE, R. L.**
The Corrosion of Light Metals. 20 p3465 A67-36634
Titanium. 20 p3466 A67-36638
- KANE, R. P.**
Daily variation of cosmic-ray intensity during active and quiet periods of solar activity - Profile and fine structure. 01 p0144 A67-10810
Comparison of spectral characteristics of long-term and short-term changes in cosmic-ray intensity. 04 p0692 A67-14880
Hysteresis of cosmic-ray intensity during the recent solar cycle. 07 p1242 A67-19620
- KANE, S.**
The spectra and intensity of electrons in the radiation belts. 12 p1997 A67-25807
- KANE, S. R.**
A study of energetic solar flare X-rays. 23 p4060 A67-41232
- KANE, T. R.**
Dynamics of the bifilar pendulum. 08 p1354 A67-20922
Dynamics of an elastic satellite. I. 13 p2212 A67-28905
Dynamics of an elastic satellite. II. 17 p2956 A67-32779
- KANEFSKY, M.**
An automatic decision threshold for polarity coincidence arrays. 02 p0217 A67-12087
- KANEKO, H.**
Star system. IV. 13 p2068 A67-26720
- KANEKO, Y.**
Study of inelastic collisions by drifting ions. 04 p0661 A67-15509
- KANEOKA, R.**
Metal thin-film resistors. 12 p1918 A67-26209
- KANER, E. A.**
Electromagnetic waves in metals in a magnetic field. 14 p2366 A67-28426
On the possibility of existence of quantum electromagnetic waves in metals. 20 p3464 A67-36224
- KANERVA, H. K. J.**
Current-voltage characteristics and capacitance of isotype heterojunctions. 13 p2183 A67-27569
- KANES, J.**
Qualitative aspects of asteroid statistics. 20 p3524 A67-36654
- KANESEKI, N.**
Internal phenomena in superconducting coil. 05 p0871 A67-17482
- KANEVSKAIA, E. A.**
Investigation of the reactions of nucleons with an energy of greater than 10 super 14 ev /Issledovanie vzaimodelstviy nuklonov s energiei bol'she priblizitel'no 10 super 14 ev/. 02 p0316 A67-12765
Investigation of the interaction of greater than 10 super 14 ev nucleons. 22 p3876 A67-40267
Studies of interactions of nucleons of energies of approximately 10 super 14 ev /Issledovaniya vzaimodelstviy nuklonov s energiei priblizitel'no 10 super 14 ev/. 24 p4218 A67-42836
- KANEVSKII, M. B.**
Propagation of millimeter and centimeter radio waves in tropospheric waveguides close to a sea surface /O rasprostraneni millimetrovyykh i santimetrovyykh radvoln v privoynykh troposfernykh volnovodakh/. 02 p0191 A67-11569
On Venus radiation spectrum in millimeter range /O millimetrovom spektre izlucheniya Venery/. 22 p3886 A67-40120
- KANEVSKII, Z. M.**
Synchronous phase LC generator. 03 p0378 A67-13290
Optimal threshold level in the reception of pulse-code messages in systems with an information feedback /Optimal'nyi porogovyi uroven' pri prieme impul'snokodovykh soobshchenii v sistemakh s informatsionnoi obratnoi svyaz'iu/. 06 p0975 A67-18218
Optimum threshold level for pulse-code reception in systems with information feedback. 16 p2642 A67-30484
- KANG, S.-W.**
Analysis of condensation droplet growth in rarefied and continuum environments. 15 p2582 A67-30198
Effects of mass injection on compressible, three-dimensional, laminar boundary layers. 21 p3613 A67-38852
- KANGAS, J.**
Preliminary report on measurements with balloon-borne detectors in Northern Scandinavia during the solar proton event of July 7, 1966. 05 p0882 A67-16740
Balloon measurements of solar protons in northern Scandinavia on July 7, 1966. 19 p3312 A67-35175
- KANI, K.**
Diffused-base punchthrough avalanche transistors. 10 p1609 A67-22839
- KANICHEVA, I. R.**
Scattering of electrons in thin copper and gold films. 02 p0297 A67-11834
- KANIEL, S.**
Smoothness of weak solutions of the Navier-Stokes equations. 14 p2295 A67-27894
A reproductive property of the Navier-Stokes equations. 15 p2510 A67-29462
Schwarzchild's criterion for instability. 18 p3029 A67-34737
- KANISCHAK, G. M.**
Investigation of RFI due to nonlinearities in transistor amplifiers. 20 p3404 A67-37634
- KANITKAR, S. L.**
Strainageing under fatigue conditions. 12 p2013 A67-25284
- KANN, M. N.**
A hybrid PCM telemetry system for the Nimbus B spacecraft. 05 p0767 A67-17463
- KANNANGARA, M. L. T.**
The frequency spectrum of Pc 3 and Pc 4 micropulsations observed at Colombo, a station near the geomagnetic equator. 03 p0410 A67-12954
- KANNEL, J. W.**
The determination of stresses in rolling-contact elements. [ASME PAPER 66-LUB-16] 03 p0431 A67-13757
Aspects of lubrication affecting life of rolling bearings. 08 p1333 A67-20361
- KANNEAUD, J.**
Frequency stabilization of the Zeeman laser. 09 p1513 A67-22134
Mode interaction in a Zeeman laser. 14 p2331 A67-28715
- KANNO, H.**
Studies on the thermal fatigue under conditions of transient temperature gradient in cross-section. 18 p3140 A67-33651
- KANO, T.**
Optimum design of elliptical pumping chambers for solid lasers. 07 p1195 A67-19490
- KANO, H.**
An optimal control system having a non-unique solution of Pontryagin's equations. 07 p1160 A67-19203
- KANSKY, E.**
Potentiometric method for studies of thin evaporated films. 02 p0290 A67-11735
- KANT, M.**
Equivalent circuit of the travelling wave liquid metal MHD generator. 12 p1897 A67-25376
Determination of the fundamental parameters of an induction MHD generator /Determination des parametres fondamentaux d'un generateur magnetohydrodynamique a induction/. 15 p2527 A67-29472
- KANTARIZIS, E.**
An electronically swept frequency synthesizer. 17 p2827 A67-32799
- KANTER, J. I.**
Applications for inertial sensors in space. 09 p1499 A67-22396
- KANTNER, E.**
General purpose, maintenance-free aircraft battery-charger system. 17 p2804 A67-32515
- KANTOLA, R. A.**
Development aspects of a miniature fluid counter. 19 p3176 A67-34806
- KANTOR, B. IA.**
Bending of a shallow helicoidal cantilever shell of variable thickness /Izgb pologoi gellikoidal'noi konsol'noi obolochki peremennoi tolshchiny/. 05 p0915 A67-16220
- KANTOR, K.**
Michelson interferometer used as a tunable mirror in laser resonators. 23 p4013 A67-40902
- KANTOR, L. IA.**
Use of communication satellites for transmission of single-direction /simplex/ programs /Ob ispol'zovanii sputnikov svyazi dlia peredachi odnonapravennykh /simpleksnykh/ programmy/. 18 p3001 A67-34176
- KANTOR, V. M.**
Piezoelectric filter with a Zolotarev-attenuation characteristic /P'ezoelektricheskiy fil'tr s zolotarevskoi kharakteristikoi zatukhanii/. 04 p0579 A67-14449
- KANTOROVICH, L. V.**
Extremal states and extremal controls /Ekstremal'nye sostoiiani i ekstremal'nye upravleniia/. 14 p2343 A67-28632
- KANTORSKI, J. W.**
Optical avalanche laser. 04 p0633 A67-15100
- KANTSEDA, V. P.**
Pulsed arc in argon at pressures up to 10 super 8 newton/m super 2 /Impul'snaya duga v argone pri davleniakh do 10 super 8 n/m super 2/. 16 p2717 A67-31184
Pulsed arc in argon at pressures up to 10 super 8 N/m super 2 /1000 atm/. 23 p4035 A67-41686
- KANZAWA, A.**
Measurements of viscosity and thermal conductivity of a partially ionized argon plasma. 05 p0851 A67-16508
Measurements of viscosity and thermal conductivity of partially ionized argon plasmas. 15 p2531 A67-30203
- KAO, H. C.**
An analytic approach to the method of series truncation for the supersonic blunt body problem. [NOR REPORT 65-239] 10 p1593 A67-23454
- KAO, K. C.**
Uses of optics in

- communications. 22 p3759 A67-39329
- KAO, S.-K.**
Energy spectrums mean and eddy kinetic energies of the atmosphere between surface and 50 kilometers. 03 p0463 A67-13930
- KAO, T. W.**
Baro-diffusion effect on diffusion time. 22 p3917 A67-39714
- KAO, T. Y.**
The influence of structural motion on the dynamic response of periodic liquid flow systems. 10 p1628 A67-23737
- KAO, Y. C.**
High-voltage planar p-n junctions. 22 p3766 A67-39252
- KAO, Y.-H.**
Electron transport phenomena in thin films of bismuth. 06 p1070 A67-18985
- KAPAH, V. K.**
Radio observations of the quiet sun at 49 cm. 04 p0694 A67-14486
- KAPANY, N. S.**
Fiber optics in photography. [SMPTE PREPRINT 100-3] 03 p0469 A67-13802
- KAPELOVICH, B. E.**
Overall characteristics of the quasi-steady flow past a cascade of blades of arbitrary profile oscillating with an arbitrary phase shift /Summarnye kharakteristiki kvazistatsionarnogo obtekanila reshetki proizvol'nykh profilei, koleblushchikhsia s proizvol'nym sdvigom faz/. 10 p1591 A67-23044
- KAPER, H. G.**
Computer analysis of observed distributions into Gaussian components. 06 p0965 A67-18069
- KAPICHIN, I. I.**
Phase-controlling valves with a reactive compensating element /Fazoventil'noe ustroystvo s reaktivnym kompensirulushchim elementom/. 07 p1150 A67-19319
- KAPILEVICH, M. B.**
A class of integrals for the generalized wave equation /Ob odnom klasse integralov obobshchennogo volnovogo uravnenila/. 06 p1023 A67-17862
- KAPISHEV, K.**
Quasi-periodic solutions for sets of differential equations containing a small parameter /O kvaziperiodicheskikh resheniakh sistem differentsial'nykh uravnenil, soderzhashchikh mal'yi paramet'r/. 04 p0643 A67-14660
- KAPISHEV, K. K.**
Quasi-periodic solutions of nonlinear systems of differential equations containing a small parameter /O kvaziperiodicheskikh resheniakh nelineinykh sistem differentsial'nykh uravnenil, soderzhashchikh mal'yi paramet'r/. 22 p3827 A67-39304
- KAPLAN, B.**
Medium scale integration. 18 p3014 A67-34552
- KAPLAN, D. E.**
Emission microwave spectroscopy - OCS. 06 p1032 A67-18208
Cyclotron echoes in plasmas. 14 p2356 A67-28150
Stimulated emission from the upper-hybrid resonance in a magnetoplasma. 18 p3090 A67-34466
- KAPLAN, H.**
Theory of oscillatory photoconductivity in semiconductors - Boltzmann-equation approach. 02 p0280 A67-11488
A cold welding investigation of the ATS damper boom. 24 p4160 A67-42033
- KAPLAN, H. P.**
Hepatic effects of breathing pure oxygen for eight months upon rats, dogs and monkeys. 10 p1600 A67-23818
Proliferative pulmonary lesions in monkeys exposed to high concentrations of oxygen. 15 p2428 A67-29276
Hematologic effects of increased oxygen tensions. 18 p2991 A67-34710
Evaluation of animals continuously exposed to a 5 psia pure oxygen atmosphere for eight months. 23 p3952 A67-41574
- KAPLAN, J.**
On the long-term and the altitude dependence of the barometric coefficient for neutron monitors. 07 p1188 A67-19954
- KAPLAN, L. D.**
Detecting planetary life from earth. 11 p1747 A67-24063
Traces of HCl and HF in the atmosphere of Venus. [JPL-TR-32-1106] 11 p1863 A67-24510

- KAPLAN, N. O.**
Malate dehydrogenases. 11 p1750 A67-24784
- I.**
The comparative enzymology of lactic dehydrogenases. III. 20 p3377 A67-37159
- KAPLAN, R.**
A new gas-gas equilibria prediction method. 06 p1116 A67-18381
Combined resonance and electron g values in InSb. 13 p2178 A67-27083
- KAPLAN, R. A.**
Performance limits and design procedure for all-weather terrestrial rangefinders. 23 p3999 A67-41040
- KAPLAN, S. A.**
The interstellar and intergalactic medium. 02 p0330 A67-12579
Contribution to the theory of the propagation of strong shock waves in an inhomogeneous cosmic medium /K teorii rasprostraneniia sil'nykh udarnykh voln v neodnorodnoi kosmicheskoi srede/. 15 p2552 A67-29146
Theory of synchrotron radiation in a magnetoactive plasma /K teorii sinkhrotronnogo izlucheniia v magnitoaktivnoi plazme/. 22 p3851 A67-39735
The theory of strong shock propagation in an inhomogeneous cosmic medium. 24 p4239 A67-43069
- KAPLAN, S. N.**
Cross sections for electron capture by fast protons in H sub 2, He, N sub 2, and Ar. 17 p2889 A67-33227
- KAPLAN, V. B.**
Spectroscopic measurements of plasma parameters in thermionic converters. 13 p2056 A67-27385
- KAPLANSKII, A. S.**
Cardiac changes under hypoxia -An experimental morphological study /Izmeneniia v serdtse pri gipoksii eksperimental'no-morfologicheskoe issledovanie/. 13 p2058 A67-26756
The effect of hypoxia on the cellular and humoral immunity of mice /Vliianie gipoksii na kletochnyi i gumoralnyi immunitet u myshel/. 16 p2612 A67-30906
- KAPLIT, M.**
Anisotropy of metal work functions measured by field emission and thermionic techniques. 09 p1450 A67-22356
Models for electron emission from metals with adsorbed monolayers. 24 p4202 A67-42087
- KAPLON, M. F.**
The energy dependence of the isotopic composition of helium nuclei in the primary cosmic radiation. 03 p0505 A67-12956
- KAPLUN, S.**
Fluid Mechanics and Singular Perturbations. 24 p4141 A67-42167
Basic concepts in the theory of singular perturbations and their applications to flow at small Reynolds numbers. 24 p4142 A67-42168
Low Reynolds number flow - Two-dimensional lifting case. 24 p4091 A67-42169
A generalization of Poiseuille and Couette flows. 24 p4142 A67-42170
On nature of solutions of the boundary-layer equations near zeros of u. 24 p4142 A67-42171
Compatibility conditions for the boundary-layer equations at a point of zero skin friction. 24 p4142 A67-42172
- KAPLUN, V. A.**
Diffraction of plane electromagnetic waves at an array of parallel conductors situated in a dielectric layer. 02 p0192 A67-11642
Light absorption by uranium glass in an excited state /Pogloshchenie sveta uranovym steklom v vzbuzhdennom sostoianii/. 03 p0436 A67-13141
- KAPPELT, G. F.**
A case history of titanium stress corrosion in nitrogen tetroxide. [ASM PAPER C6-2.2] 23 p4020 A67-41409
- KAPPLER, G.**
The stabilization of bubbles in viscous liquids in a vertically vibrated tank. [ASME PAPER 67-FE-3] 14 p2304 A67-28356
- KAPPUS, R.**
Method for the determination of the constants of inertia by a ground vibration test. [ONERA-TP-386] 05 p0786 A67-16476
Matrix calculation of structures by the parallel methods of "forces" and "displacements" /Calcul matriciel des structures par les methodes paralleles des

- "forces" et des "deplacements"/. [ONERA-TP-412] 15 p2576 A67-30125
- KAPRANOV, M. V.**
Simultaneous-phase automatic frequency control and synchronization /Sovmestnye fazovola avtopodstroika chastoty i sinkhronizatsiia/. 05 p0764 A67-16904
Automatic phase adjustment in amplifiers. 05 p0778 A67-17395
Experimental characteristics of an amplifier and a self-excited oscillator employing a reflex klystron with phase locking /Eksperimental'nye kharakteristiki usilitelia i sinkhronizirovannogo avtogeneratora na otrazhatel'nom kilstrone s avtopodstroikoi fazy/. 11 p1757 A67-23907
Simultaneous automatic phase frequency control and synchronization. 16 p2623 A67-30880
Experimental characteristics of a reflex klystron amplifier and synchronized oscillator with automatic phase control. 21 p3600 A67-38935
- KAPRELIAN, J.**
Measurement of the density of positive ionospheric ions by means of ionization probes /Mesure de la densite des ions positifs de l'ionosphere au moyen de sondes d'ionisation/. 21 p3629 A67-38662
- KAPRIELIAN, Z. A.**
A model for the radar echo from a random collection of rotating dipole scatterers. 11 p1764 A67-24435
- KAPSHIVYI, A. A.**
Solution of a mixed axisymmetric problem in the theory of elasticity for a half-space with the aid of P-analytic functions /Reshenie smeshannoi osesimmetrichnoi zadachi teorii uprugosti dlia poluprostranstva metodom P-analiticheskikh funktsii/. 20 p3538 A67-36918
- KAPTSOV, L. N.**
Output parameters of a transistor in the presence of large signals /Vykhodnye parametry tranzistora pri bol'shikh signalakh/. 07 p1149 A67-19187
- KAPUR, K. K.**
Vibrations of a Timoshenko beam, using finite-element approach. 05 p0924 A67-17284
- KAPUSTIN, I. N.**
Selection of the radio-path dead time of a neutron supermonitor /Vybor mertvogo vremeni radiotrakta neitronnogo supermonitora/. 10 p1699 A67-22799
Selection of the dead time of the radio channel of a neutron supermonitor. 24 p4209 A67-42135
- KAPYRIN, G. I.**
Study of the structure of certain titanium alloys with an electron microscope using the method of thin foils /Issledovanie struktury nekotorykh titanovykh spлавov v elektronnom mikroskope metodom tonkikh fol'g/. 17 p2872 A67-32722
- KARABANOV, A. IU.**
Ultrasonic wave amplification in a laminar piezoelectric dielectric/semiconductor structure /Usilenie ul'trazvukovykh voln v sloistoi strukture p'ezoelektricheskii dielektrik-poluprovodnik/. 15 p2542 A67-30245
- KARABASOVA, L. V.**
Coefficient of linear expansion of commercial titanium /O koeffitsiente llnel'nogo rasshireniia tekhnicheskogo titana/. 07 p1208 A67-19297
- KARAGEORGII-ALKALAEV, P. M.**
Injection of an electron-hole plasma into a semiconductor /Inzhekttsiia elektronno-dyrochnoi plazmy v poluprovodnik/. 06 p1049 A67-17865
Theory of static characteristics of four-layer p super plus -n-nu-n super plus diode structures /K teorii staticheskikh kharakteristik chetyrekhslonnykh p super plus -nu-nu-n super plus -diodykh struktur/. 08 p1303 A67-21054
Forced kinetic oscillations in semiconductor diode structures /Vynuzhdennye kineticheskie kolebanila v poluprovodnikovykh diodnykh strukturakh/. 15 p2542 A67-30243
- KARAKADKO, V. K.**
Investigation of the composition of the primary cosmic-ray component /Issledovanie sostava pervichnoi komponenty kosmicheskogo izlucheniia/. 23 p4054 A67-41096
- KARAL, F. C., JR.**
Phenomenological theory of multimode surface waves for plane structures. 03 p0469 A67-13657

- Multi-mode surface wave diffraction by a right-angled wedge. 03 p0369 A67-13660
[NYU-EM-213]
- KARALNIK, S. M.**
X-ray spectral study of spinel-type ferrites /Rentgenospektral'noe izuchenie ferritov tipa shpnelei/. 18 p3095 A67-33444
- KARAM, J. T., JR.**
A new model for fluidics transmission lines. 05 p0753 A67-16237
- KARAMCHETI, K.**
Principles of ideal-fluid aerodynamics. 05 p0793 A67-17151
Determination of the velocity distribution function of a gas using a laser. 14 p2317 A67-28194
- KARAMOV, Z. S.**
Elements and assemblies of analog radiotelemetric systems /Elementy i uzly analogovykh radiotelemetricheskikh sistem/. 03 p0367 A67-13123
- KARANASOS, N.**
Low-level acceleration sensing for space applications. 01 p0074 A67-11125
- KARAPETIAN, V. E.**
Silicon diodes with a controlled differential negative resistance /Kremnevye diody s upravlyаемым differentsial'nym otritsatel'nym soprotivleniem/. 20 p3397 A67-36696
- KARAPETIANTS, N. K.**
Convolution-type integral equations in the class of generalized functions. 16 p2698 A67-31735
- KARASEV, A. S.**
Multiple frequency division in a reflex klystron. 07 p1158 A67-20243
- KARASEV, B. G.**
Experimental investigation of a direct current MHD generator /Eksperimental'noe issledovanie MGD-generatora postoiannogo toka/. 13 p2056 A67-27315
- KARASEV, M. D.**
Input admittance of a resonant modulator using a parametric diode /O vkhodnoi provodimosti rezonansnogo modulirovaniya v parametricheskom diode/. 02 p0221 A67-12425
- KARASHIMA, K.**
Characteristics of the blow-down type hypersonic wind tunnel of Institute of Space and Aeronautical Science, University of Tokyo. 01 p0049 A67-10558
Aerodynamic study of stagnation ablation. 20 p3356 A67-36509
- KARASIK, V. R.**
Effect of micrononhomogeneity on the superconducting characteristics of the alloy Nb-Zr-Ta. 10 p1689 A67-23089
Experimental investigation of the surface superconductivity of niobium. 21 p3685 A67-38802
- KARASIMA, K.**
An experimental study of stagnation ablation for Teflon. 23 p3931 A67-41477
- KARATAEV, G. I.**
Theory of time-dependent disturbances of the gravitational and magnetic field related to current tectonic and physical processes in the earth's interior /K teorii vremennykh vozmushchenii gravitatsionnogo i magnitnogo poia v svyazi s sovremennymi tektonofizicheskimi protsessami v zemle/. 05 p0799 A67-17027
- KARATAEV, V. I.**
Applicability of the Saha-Langmuir equation to the temperature dependence of the positive-ion current in surface ionization of atoms on silicon. 09 p1554 A67-22006
- KARVAEV, G. F.**
Perturbation theoretical study of electron-energy spectrum in semiconducting compounds having the chalcopyrite structure. 05 p0861 A67-16393
- KARVAEV, I. I.**
Statistical characteristics of the earth's radiation into space at wavelengths ranging from 7 to 26 μ /Statisticheskie kharakteristiki izlucheniya zemli v kosmos v diapazone dlin voln 7-26 μ /. 16 p2668 A67-31887
The spectral composition of the infrared earth's radiation into the space according to the results of measurements from the artificial earth's satellites. 19 p3219 A67-35253
- KARVAEV, V. V.**
Kastler photon set and the statistical properties of laser emission in a multimode excitation regime /Fotonnyi ansambl' Kastlera i statisticheskie svoystva izlucheniya lazera v mnogomodovom rezhime vozvuzhdeniya/. 07 p1196 A67-19599
- Potential sensitivity of radiant power detectors. 10 p1607 A67-23589
- Thermal radiation from perfectly conducting rough surfaces /Teplovoe izluchenie khorosho provodiaschikh poverkhnostei/. 16 p2779 A67-31502
- Kastler photon ensemble and the statistical properties of laser radiation in multimode excitation. 20 p3462 A67-37338
- KARBOWIAK, A. E.**
Optical waveguides. 12 p1906 A67-25976
Electrical characteristics of corners in surface-wave lines. 24 p4119 A67-41971
- KARCHEVSKII, A. I.**
Peculiarities of a toroidal discharge at low plasma densities /Osobennosti toroidal'nogo razriada pri maloi plotnosti plazmy/. 02 p0277 A67-12617
Features of a toroidal discharge at low plasma density. 13 p2170 A67-27373
- KARCHEVSKII, M. M.**
Study of difference schemes for nonlinear equations using the variational method /Issledovanie raznostnykh skhem dlia nelineinykh uravnenii s pomoshch'yu variatsionnogo metoda/. 13 p2145 A67-26445
- KARCEWSKI, B.**
Diffracted electromagnetic wave in the theory of Kottler. 09 p1464 A67-22054
- KARCEWSKI, J.-F.**
Simultaneous recording of resonances of the earth-ionosphere cavity at two stations 12,000 km apart /Enregistrement simultane des resonances de la cavite terre-ionosphere en deux stations distantes de 12,000 km/. 06 p0998 A67-18707
- KARDASHEV, N. S.**
Large base-line radio interferometers. 02 p0213 A67-11635
- KAREEV, I. A.**
Quasi-one-dimensional plasma motion in Hall-type MHD generator ducts /Kvaziodnomernoe dvizhenie plazmy v khollovskikh MGD kanalakh/. 09 p1541 A67-21798
- KAREL, G.**
Near term reusable rocket launch vehicle concepts. 15 p2566 A67-29831
- KAREV, V. I.**
Study of lunar X-ray emission with the aid of the lunar orbiter Luna 10 /Issledovanie rentgenovskogo izlucheniya luny s pomoshch'yu sputnika luny "Luna-10"/. 05 p0886 A67-16051
Investigation of lunar X-ray emission with the help of the lunar satellite Luna-10. 21 p3701 A67-37838
- KAREVSKII, V. P.**
System for rupturing diaphragms in a single-pulse shock tube /Sistema razryva membran dlia odnoimpul'snoi udarnoi truby/. 13 p2090 A67-27060
- KARGE, H.**
Heterogeneous nucleation and its effect on the structure of thin films /Die heterogene Keimbildung und ihr Einfluss auf die Struktur duenner Schichten/. 02 p0285 A67-11702
- KARGU, L. I.**
Effect of Coulomb friction on the motion of a biaxial gyroscopic stabilizer /Vliianie sukhogo treniya na dvizhenie dvukhsoznogo giroskopicheskogo stabilizatora/. 09 p1498 A67-22033
- KARHAN, B. L.**
The ignition and combustion of monopropellant droplets. [AIAA PAPER 67-480] 18 p3158 A67-33949
- KARIM, A. I. A.**
Stability of the fourth order Runge-Kutta method for the solution of systems of differential equations. 08 p1349 A67-21259
- KARIMBAEV, T. D.**
Effect of static loads on the natural oscillations of conical shells /O vlianii staticheskikh nagruzok na sobstvennye kolebania konicheskikh obolochek/. 12 p2026 A67-25613
- KARIMOV, F. G.**
Use of a flame discharge for producing semiconductor and refractory metals /Primenenie faki'nogo razriada dlia poluchenia poluprovodnikovykh i tugoplavkikh materialov/. 21 p3681 A67-38358
- KARIMOV, R.**
High-voltage generator of rectangular pulses employing thyatrons /Vysokovol'tnyi generator priamougol'nykh impul'sov na tiratronakh/. 13 p2081 A67-27276
- KARITA, Y.**
Studies on the mechanical properties of Japanese beryllium. 13 p2140 A67-27134
- KARKLIN, V. P.**
Variations over periods of many years of the amplitudes of the free and forced motions of the earth's pole /O mnogoletnikh izmeneniiakh amplitud svobodnykh i vyzvhdennykh dvizhenii polusa zemli/. 10 p1631 A67-22798
Long-period variations of the amplitude of free and forced movements of the earth's pole. 24 p4149 A67-42134
- KARL, J. H.**
Atomic r sub ij integrals for many-electron wavefunctions. 18 p3082 A67-34026
- KARLASHOV, A. V.**
Fatigue strength and endurance limit of aluminum alloys in corrosive media. 08 p1341 A67-20598
The role of cladding in the fatigue of duralumin. 15 p2504 A67-29827
X-ray diffraction investigation of the fatigue of alloy D16AT as affected by ambient media. 21 p3642 A67-37826
Apparatus for programmed feeding of corrosive media in fatigue tests. 21 p3715 A67-37827
Influence of loading frequency on the endurance characteristics of the V95 aluminum alloy /Vliianie chastoty nagruzheniya na kharakteristiki vynoslivosti aluminiyevogo splava V95/. 21 p3644 A67-38051
Corrosion-fatigue strength of aluminum-clad D16 at alloy sheet under asymmetrical loads. 21 p3646 A67-39008
Effect of some factors of programmed loading on the endurance of an aluminum alloy in a corrosive medium. 21 p3642 A67-39009
- KARLE, D. W.**
New polymers for thermal extremes. 23 p4021 A67-41228
- KARLIN, E. W.**
Reliability improvement as applied to power transistors. 01 p0041 A67-11357
- KARLOV, N. V.**
A quantitative study of the stimulated Raman effect using an off-axis resonator. 08 p1339 A67-21375
Radio Physics 1964-1965-Quantum Amplifiers /Radiofizika 1964-1965-Kvantovye Usiliteli/. 19 p3238 A67-34799
Nonlinear signal distortions and the saturation of solid-state masers. 21 p3642 A67-38813
- KARLOVITZ, B.**
Electromagnetic induction in plasma /Elektromagnitnaya induktsiya v plazme/. 17 p2898 A67-32178
- KARLOVSKY, J.**
On the measurement of DC and AC parameters of tunnel diodes. 15 p2449 A67-29807
A meter for tunnel-diode characteristics /Merik kharakteristik tunelovychdioid/. 17 p2823 A67-32298
- KARLSONS, D.**
A gallium arsenide /GaAs/ laser diode communicator. 23 p3975 A67-41379
- KARMAKAR, S.**
Solar microwave flux as an index of sudden cosmic noise absorption. 13 p2190 A67-26311
- KARMAZIN, A. A.**
Activation energy of high-temperature internal friction /K voprosu ob energii aktivatsii temperaturnogo fona vnutrennego treniya/. 04 p0640 A67-15978
- KARNAUKHOV, I. M.**
Ionizer with a three-electrode electron gun and an ionization efficiency of 2.10 super -3. 18 p3080 A67-33722
- KARNAUKHOV, V. G.**
Some features of the coherent radiation of gallium antimonide laser diodes. 01 p0087 A67-10085
Recombination radiation of gallium antimonide p-n junctions. 04 p0681 A67-15297
- KARNAUSHENKO, N. N.**
Preliminary results of a study of motion of smallscale inhomogeneities in the lower ionosphere in the Black Sea coastal region /Predvaritel'nye rezultaty issledovaniya dvizhenii melkomasshtabnykh neodnorodnostei v nizhnem ionosfere v ralone beregovoi cherty Chernogo Moria/. 04 p0616 A67-15222
- KARNEGIS, J. N.**
Development and evaluation of an

- Impedance cardiac output system. 05 p0755 A67-16278
- KARNEY, J. L.**
Laser radar returns from the lower troposphere compared with vertical ozone distributions. 04 p0612 A67-14676
- KARNIK, A. R.**
Optimal design of distributed parameter systems. 19 p3200 A67-34841
- KARNOPP, D.**
Optimal control of maneuver-induced vibration in flexible aerospace vehicles. 10 p1714 A67-23754
Power balance method for nonlinear random vibration. 10 p1731 A67-23841
Frequency effects in analog channels multiplexed for reliability. 16 p2649 A67-31867
Optimal control of maneuver-induced vibration in flexible aerospace vehicles. 23 p4071 A67-41725
- KARNOZHITSKII, V. P.**
Effect of temperature stresses on the stability of a three-layer wing panel of asymmetric structure /Viliane temperaturnykh napriazhenii na ustoiichivost' trekhslonoi paneli kryla nesimmetrichnoi struktury/. 05 p0913 A67-16191
Effect of temperature stresses on the stability of a three-layer cylindrical shell - Asymmetrical deformation /O villanii temperaturnykh napriazhenii na ustoiichivost' trekhslonoi tsilindricheskoi obolochki - Asimmetrichnaya deformatsiya/. 12 p2026 A67-25614
Thermal stresses in a three-layer cylindrical shell of finite length /Temperaturnye napriazhenia v trekhslonoi tsilindricheskoi obolochke konechnoi dliny/. 16 p2765 A67-31049
- KARNUS, A. I.**
Study of the diffusion of hydrogen in tantalum /Izuchenie diffuzii vodoroda v tantale/. 01 p0102 A67-10941
Hydrogen diffusion in tantalum. 22 p3820 A67-39794
- KAROLI, A. R.**
An absolute calibration source for laboratory and satellite infrared spectrometers. 17 p2862 A67-33288
- KAROLINSKAIA, S. N.**
Change of the spherical shape of a droplet of a viscous substance under the effect of a variable force with allowance for surface tension /Ob izmenenii sfericheskoi formy kapli vliazkogo veshchestva pod deistviem peremennoi sily s uchetom poverkhnostnogo natiazhenia/. 18 p3028 A67-34220
- KAROLUS, A.**
Measurements of the speed of light with a He-Ne gas-laser as the source of light /Lightgeschwindigkeitmessungen mit einem He-Ne-Gaslaser als Lichtquelle/. 18 p3059 A67-33671
- KARP, G. S.**
A guarded-hot-plate thermal-conductivity apparatus for multilayer cryogenic insulation. 22 p3802 A67-40291
- KARP, I. N.**
Computer-based calculations of the equilibrium of combustion products from methane-oxidizing mixtures /Raschety termodynamicheskogo ravnovesiya produktov goreniia metano-okislitel'nykh smeseli na elektronnno-vychislitel'nykh mashinakh/. 11 p1881 A67-24023
Determination of the thermodynamic properties of the equilibrium combustion products of methane /Opredelenie termodynamicheskikh svoistv ravnovesnykh produktov goreniia metana/. 18 p3159 A67-34051
- KARP, S.**
Measurement of optical surface roughness using coherent radiation. 01 p0020 A67-10020
- KARP, S. N.**
Phenomenological theory of multimode surface waves for plane structures. 03 p0469 A67-13657
Multi-mode surface wave diffraction by a right-angled wedge. [NYU-EM-213] 03 p0369 A67-13660
- KARPEN, E. W.**
Graphing spurious responses in microwave receivers. 03 p0383 A67-13789
- KARPENKO, I. V.**
A method of determining axial residual stresses in metal surface layers. 19 p3343 A67-35844
- KARPENKO, L. N.**
Approximate solution of a singular

- integral equation by means of Jacobi polynomials. 11 p1813 A67-24678
- KARPLIUK, K. S.**
Interaction of a bounded electron beam with plasma in the presence of a magnetic field. 09 p1545 A67-22003
Excitation of oscillations in "decay" instability of steady-state waves in a plasma. 21 p3674 A67-38803
- KARPMAN, G. M.**
Hardening and softening of nickel alloys containing aluminum oxide. 12 p1955 A67-25365
Heat resistance of dispersionally hardened nickel. 14 p2336 A67-27867
- KARPMAN, M. G.**
Diffusion of potassium in single crystals and polycrystalline aggregates of molybdenum. 15 p2504 A67-29972
- KARPMAN, V. I.**
"Peculiar" solutions for equations of plasma oscillations /Ob "osobykh" resheniiakh uravnenii dlia plazmennyykh kolebani/. 01 p0124 A67-10749
Nonlinear evolution of perturbations in a plasma and in other dispersing media /O nelineinnoi evoliutsii vozmushchenii v plazme i drugikh dispergirulushchikh sredakh/. 05 p0853 A67-16698
"Singular" solutions of the equations for plasma oscillators. 13 p2166 A67-28778
Nonlinear evolution of disturbances in plasmas and other dispersive media. 15 p2530 A67-29869
The structure of two-dimensional flow around a thin body in a dispersive medium /O strukture techenia pri dvumernom obtekanii tonkogo tela v dispergirulushched srede/. 19 p3208 A67-34901
- KARPOV, A. V.**
Calculation of the vibrations of disks of variable thickness by the Ritz method /K raschetu na kolebania diskov peremennoi tolshchiny metodom Rittsa/. 21 p3636 A67-38836
- KARPOV, E. A.**
A psychophysiological analysis of activity as a criterion of the special-medical training of the crew of the ship "Voskhod-2". 12 p1902 A67-25653
- KARPOV, I. U. S.**
Transistor noise on acoustic frequencies /Shumy transistorov na zvukovykh chastotakh/. 11 p1769 A67-25037
- KARPOV, N. I.**
Dynamic stability of a cylindrical shell reinforced by rigid longitudinal ribs /O dinamicheskoi ustoiichivosti tsilindricheskoi obolochki, podkreplennoi prodol'nym silovym naborom/. 10 p1721 A67-23604
- KARPOV, V. P.**
Preliminary results of a study of the spatial rigidity distribution of cosmic-ray intensity by the SibIZMIR-AN-SSSR expedition in 1965 /Predvaritel'nye rezul'taty issledovaniia ekspeditsiei SibIZMIR AN SSSR v 1965 g. prostranstvenno-zhestkostnogo raspredeleniia intensivnosti kosmicheskikh luchei/. 05 p0881 A67-16124
Cellular flame structure under conditions of a constant-volume bomb and its relationship with vibratory combustion. 17 p2974 A67-33143
Turbulent burning of gases /O turbulentnom goreni gazov/. 21 p3732 A67-38527
Preliminary results of investigation of the spatial-rigidity distribution of cosmic ray intensity by the 1965 expedition of the Siberian Institute of Terrestrial Magnetism, the Ionosphere and Radiowave Propagation of the USSR Academy of Sciences. 24 p4215 A67-42800
- KARPOVA, L. I.**
Dependence of the high-altitude stability of animals on the condition of phosphorylation processes /Zavisimost' vysotnoi ustoiichivosti zhivotnykh ot sostoiiania protsessov fosforilirovaniia/. 20 p3367 A67-36259
- KARPOWICH, F. W.**
Equivalent circuits estimate damage from nuclear radiation. 24 p4132 A67-42702
- KARPP, R. R.**
Numerical calculation of blast waves by the method of characteristics. 10 p1625 A67-23110
- KARR, C.**
Combustion in a heterogeneous system /La combustion en systeme heterogene/. 04 p0726 A67-15453

- KARRAS, T. W.**
Experimentally measured velocity distribution in the plasma stream of a pulsed coaxial accelerator. 02 p0276 A67-12568
Pulsed acceleration of mercury. [AIAA PAPER 67-738] 21 p3695 A67-38760
- KARSILA, S.**
Investigation of widening the temperature range of the Leclanche cell by means of electrolytes containing salts of rare earth metals. 22 p3748 A67-40228
- KARSON, S.**
Second-order factors in air traffic control specialists. 13 p2063 A67-26929
- KARSTAD, K.**
Sonic film memory. 18 p3012 A67-34347
Sonic film memory. 19 p3189 A67-36067
- KARTASHEV, A. V.**
Cosmos 45 measurements of the angular and spectral distribution of the earth's infrared radiation. 14 p2306 A67-27861
- KARTASHEV, V. G.**
Propagation of symmetric waves in a cylindrical waveguide filled with inhomogeneous plasma. 07 p1158 A67-20242
- KARTH, J. E.**
Planning the technological /R/ evolution. 13 p2231 A67-27506
Prospects for progress - Space in the 1970s. 23 p4086 A67-40921
- KARUBE, N.**
Alignment characteristics of an optical maser with a corner prism. 12 p1953 A67-25454
- KARYBAKAS, C. A.**
Generalized closed loop logi of peak amplitude, phase and frequency of a third-order control system. 24 p4134 A67-42025
- KARYBEKOV, N.**
Solution of the Chaplygin equations in a plane-parallel transonic flow with a direct shock wave /Reshenie uravneniia Chaplygina v ploskoparallelnom okolozvukovom techenii s priamym skachkom uplotnenia/. 14 p2297 A67-27990
- KARYMOV, A. A.**
Determination of the time during which an artificial earth satellite is illuminated by the sun /Opredelenie vremeni osveshchennosti iskusstvennogo sputnika zemli solntsem/. 13 p2200 A67-27338
- KASABOV, G. A.**
Nonequilibrium conductivity of argon-cesium plasma /O neravnovesnoi provodimosti argono-tsezevoi plazmy/. 03 p0478 A67-13614
Spectroscopic investigation of an argon-cesium plasma /Spektroskopicheskoe issledovanie argono-tsezevoi plazmy/. 09 p1538 A67-21779
Investigation of a mercury-cesium plasma with nonequilibrium conductivity /Issledovanie rtutno-tsezevoi plazmy s neravnovesnoi provodimost'iu/. 16 p2709 A67-30517
Nonequilibrium conductivity of argon-cesium plasma. 18 p3091 A67-34479
- KASAHARA, E.**
Application of the Karman-Tsien's method to the flow of compressible fluids past straight cascades of arbitrary airfoils. 02 p0177 A67-11470
- KASAI, G. H.**
Interaction of a plasma flow with a three dimensional magnetic dipole. 19 p3288 A67-35366
- KASAI, I.**
The effects of sub-threshold electron irradiation on surface recombination in Ge and Si. 17 p2916 A67-32834
- KASAK, A. J.**
A jet engine malfunction diagnostic system using sonic-vibration analysis. [SAE PAPER 670871] 24 p4207 A67-42008
- KASAMANIAN, Z. A.**
Behavior of a strongly alloyed semiconductor in an electric field /Povedenie sil'no legirovannogo poluprovodnika v elektricheskoi pole/. 07 p1149 A67-19188
Possibility of exciton-molecule formation in semiconductors /O vozmozhnosti obrazovaniia eksitonnykh molekul v poluprovodnikakh/. 13 p2173 A67-26363
Possibility of the formation of exciton molecules in semiconductors. 21 p3680 A67-38320
- KASANO, H.**
Preparation of GaAs-Ge and InAs-GaAs heterojunctions in a closed tube system

- using iodine process. 23 p4043 A67-41432
- KASATKIN, A. M.**
Simulating the purposeful behavior of living organisms /Modelirovaniya tslespriamovanoi povedinki zhivikh organizmiv/. 03 p0365 A67-13084
- KASATKIN, B. S.**
Study of the stresses caused by an unsteady temperature field, using the polarization optical method /Issledovanie polarizatsionno-opticheskimi metodami napriazhenii, vyzvayemykh nestatsionarnym temperaturnym polem/. 05 p0914 A67-16195
- KASATKINA, L. M.**
Simulating the purposeful behavior of living organisms /Modelirovaniya tslespriamovanoi povedinki zhivikh organizmiv/. 03 p0365 A67-13084
- KASCOUAS, T. F.**
A note on a short method of measuring Reynolds stresses with a constant-current hot-wire anemometer. 10 p1629 A67-23845
- KASH, S. W.**
Magnetic space shields. 14 p2253 A67-29040
- KASHA, H.**
Search for fractionally charged particles produced by cosmic rays. 02 p0313 A67-12636
Search for charge-2/3 quarks produced by cosmic rays. 11 p1823 A67-24598
- KASHA, M. A.**
The V x B interaction of a satellite with its environment. 08 p1410 A67-20714
Laboratory simulation of a satellite-mounted plasma diagnostic experiment. 20 p3418 A67-37428
- KASHCHEEV, B. L.**
Drift of meteor trains /Dreift meteornyykh sledov/. 05 p0889 A67-16208
Meteoritic matter near the earth's orbit from radio meteor observations. 09 p1563 A67-21635
Meteor train drift /Dreift meteornyykh sledov/. 13 p2197 A67-26505
Meteoritic phenomena in the earth's atmosphere - Results of researches on international geophysical projects /Meteornyye yavleniya v atmosfere zemli - Rezul'taty issledovaniy po mezhduнародnym geofizicheskimi proektam/. 16 p2754 A67-31866
New data on meteoritic matter in the solar system /Novyye dannyye o meteornoi materii v solnechnoi sisteme/. 17 p2941 A67-32321
- KASHIN, A. A.**
Relation between S sub q variations and drift in the ionosphere /Svlyaz' S sub q - variatsii dreifa v ionosfere/. 16 p2669 A67-31908
- KASHIWAGI, M.**
On harmonic components of tweeks. 14 p2307 A67-27888
- KASHIWAGI, Y.**
Stability indicative function and its application to systems with time delay. 10 p1679 A67-22916
- KASHKAROV, L. L.**
Possibility of investigating the intensity of primary cosmic radiation with the help of the tracks of nuclear particles in meteorites and tektites /O vozmozhnosti issledovaniya intensivnosti pervichnogo kosmicheskogo izlucheniya po trekam ladernyykh chastits v meteoritakh i tektitakh/. 05 p0887 A67-16100
On the possibility of evaluating the intensity of primary cosmic radiation from the tracks of nuclear particles in meteorites and tektites. 24 p4238 A67-42776
- KASHKAROV, V. P.**
A generalized Couette-type flow with variable viscosity. 04 p0602 A67-14639
Numerical solution of some problems of boundary-layer theory. 04 p0603 A67-14642
- KASHKIN, I. U. F.**
Near-electrode voltage drop during an interaction between a plasma and an electric field in an electrical discharge tube /Prieklektrodneye padeniya napriazheniya pri vzaimodelstvii plazmy s elektricheskimi polem v elektrorazriadnoi tube/. 17 p2907 A67-33090
- KASHLINSKII, A. I.**
Study of the electron resonance and magnetic properties of solid solutions in the BiFeO sub 3 system /Issledovanie elektronnoy rezonansy i magnitnykh svoystv v tverdykh rastvorakh sistemy BiFeO sub 3 - BaTiO sub 3/. 01 p0127 A67-10063
- KASHNIKOV, N. G.**
Investigation of a Tacitron type of discharge /Issledovanie tasitronnoi formy razlada/. 19 p3282 A67-35160
- KASHYAP, R. L.**
Recovery of functions from noisy measurements taken at randomly selected points and its application to pattern classification. 01 p0028 A67-10450
Optimal control of stochastic finite state systems. 02 p0227 A67-12172
Optimization of stochastic finite state systems. 06 p0977 A67-18525
- KASIAN, I. I.**
Data on the condition of the cosmonauts during the flight of the spacecraft Voskhod /Nekotorye dannyye o sostoyanii kosmonavtov vo vremya poleta kosmicheskogo korabla "Voskhod"/. 02 p0185 A67-11545
Some reactions of the cardiovascular and respiratory systems of cosmonauts during the Voskhod-2 orbital flight /Nekotorye reaktsii serdechno-sosudistoi i dykhatel'noi sistem kosmonavtov v orbital'nom polete na kosmicheskoi korable "Voskhod-2"/. 09 p1454 A67-22384
Dynamics of intracranial pressure and of blood content in the cranial cavity at transverse accelerations up to 40 g /Dinamika krovenapolneniya polosti cherepa i vnutricherepnogo davleniya pri poperechnykh peregruzkakh do 40 ed/. 13 p2057 A67-26456
Dynamics of pulse waves of intracranial pressure in the case of transverse overloads of up to 40 g /Dinamika pul'sovykh voln vnutricherepnogo davleniya pri poperechnykh peregruzkakh do 40 ed/. 15 p2430 A67-30229
Some data on the condition of cosmonauts during the flight of the "Voskhod" spaceship. 16 p2614 A67-31611
Physiological aspects of the problem of weightlessness /Fiziologicheskie aspekty problemy nevesomosti/. 20 p3369 A67-36688
- KASIAN, V. G.**
An experiment in the use of high-speed motion-picture photography for studying the process of rapid deformation /Opyt primeneniya skorostnoi kino'emki dlya issledovaniya protsessy skorostnogo deformirovaniya/. 21 p3631 A67-38055
Specialized amplifier for studying high-speed technological processes /Spetsializirovannyi usilitel' dlya issledovaniya skorostnykh tekhnologicheskikh protsessov/. 21 p3600 A67-38918
- KASIANOV, V. A.**
Laminar electrohydrodynamic flow in two-dimensional exit cones with allowance for pressure diffusion of the space charge. 04 p0668 A67-15277
- KASIKOV, I. I.**
Cesium thermionic converter with added inert gases. 09 p1444 A67-22008
- KASIMOV, B. O.**
Determination of the number of information-network structures with single-channel redundancy /K voprosu opredeleniya chisla struktur informatsionnykh setei s izbytochnost'yu v odin kanal/. 18 p3016 A67-33572
- KASIVISWANATHAN, G. A.**
A proton precession magnetometer. 05 p0807 A67-18712
- KASKAN, W.**
Chemical excitation of sodium in flames. 18 p3150 A67-33803
- KASLIN, V. M.**
Utilization of a cable-type pulse transformer in the power-supply system of a gas laser /Ispol'zovanie kabel'nogo impul'snogo transformatora v sisteme pitaniya gazovogo O.K.G./ 22 p3817 A67-40414
- KASNITZ, H. L.**
The combined use of digital computers and coherent optics in image processing. 24 p4125 A67-42438
- KASPARIAN, M. JR.**
Vectorsyn force generators for three axes acceleration measurement. 12 p1947 A67-26123
- KASPER, S. J.**
Factors degrading reliability in the use phase. 18 p3057 A67-34667
- KASPSHITSKA, M. F.**
Variation of the collocation method /Pro odn variant metodu kolokatsii/. 11 p1814 A67-25048
Application of the collocation method to the solution of loaded integral equations /Zastosuvannya metodu kolokatsii do rozv'lazuvannya navantazhenikh integral'nikh rivnyan'/. 14 p2344 A67-28895
- KASPSHITSKAIA, M. F.**
Problem of the convergence of the collocation method /K voprosu o skhodimosti metoda kolokatsii/. 19 p3250 A67-36047
- KASSABOV, J.**
A method for the isolation diffusion of solid-state circuits. 02 p0223 A67-12736
- KASSIMENKO, T. V.**
Evaluation of the satellite period on the base of simultaneous visual tracking from two given stations. 05 p0763 A67-16558
- KASSIR, M. K.**
Three-dimensional stress distribution around an elliptical crack under arbitrary loadings. [ASME PAPER 66-APM-N] 04 p0718 A67-15926
Geometric discontinuities in elastostatics. 13 p2221 A67-27735
- KASSOY, D. R.**
Heat transfer from circular cylinders at low Reynolds numbers. I. 16 p2779 A67-31216
Heat transfer from circular cylinders at low Reynolds numbers. II. 16 p2779 A67-31217
- KASTEN, F.**
Effect of variation of the vertical air density profile on the relative optical air mass. 10 p1652 A67-23622
A method for detecting stratospheric aerosol particles by the scattering of a laser beam /Eln Verfahren zum Nachweis stratosphaerischer Aerosolpartikeln durch Streuung von Laserstrahlung/. 19 p3225 A67-35531
- KASTNER, S. O.**
Oscillator strengths for resonance lines of ions in the neon isoelectronic sequence. 12 p1968 A67-26247
Oscillator strengths for resonance lines of some silicon and sulfur ions. 23 p4067 A67-41235
- KASUYA, T.**
Measurements on the molecular nitrogen pulsed laser. 05 p0824 A67-16785
- KASYMOVA, A. G.**
E2 and F0 intermediate ionospheric layers /O promezhutochnykh sloakh ionosfery E2 i F0/. 04 p0616 A67-15220
Nature of the E2, F0, and F1.5 intermediate ionospheric layers /K voprosu o prirode promezhutochnykh sloev ionosfery E2, F0, F1.5/. 04 p0616 A67-15221
Relation between E sub s and sporadic meteors /O svlyazi E sub s so sporadicheskimi meteormi/. 21 p3623 A67-39040
- KATAEV, I. G.**
Electromagnetic Shock Waves. 06 p1031 A67-17949
- KATAEV, I. U. G.**
Electrical properties of polycrystalline zinc-doped gallium arsenide films /Elektricheskie svoystva polikristallicheskikh plenok arsenida galliya, legirovannykh tsinkom/. 20 p3514 A67-37602
- KATAEV, I. U. P.**
Determination of tube ovality in plastic bending /K voprosu opredeleniya oval'nosti trub pri plasticheskoi izgibe/. 14 p2401 A67-28655
Elastoplastic torsion of hollow thick-walled shells of the blade-spar type /Uprugoplasticheskoe krucheniye polykh tolstostennykh obolochek tipa lonzheronov lopastel/. 22 p3916 A67-40458
- KATAOKA, S.**
Geometrical influence on the magnetoresistance effect in InSb and InAs at 34 GC/S. 01 p0132 A67-10467
Angular dependence of microwave emission from InSb on the magnetic field. 17 p2914 A67-32615
- KATASEV, L. A.**
Meteor satellites of the earth. 10 p1708 A67-23242
Motion of the Tunguska meteorite in the earth's atmosphere /O dvizhenii tungusskogo meteorita v atmosfere zemli/. 11 p1868 A67-24847
Meteoritic satellites of the earth /O meteornyykh sputnikakh zemli/. 17 p2941 A67-32324
- KATAYAMA, A.**
On the radiation budget of the troposphere over the Northern Hemisphere. II. 13 p2118 A67-27458
On the radiation budget of the troposphere over the Northern Hemisphere. III. 13 p2116 A67-27459
- KATAYAMA, D. H.**
Photolionization study of diatomic-ion formation in argon, krypton, and xenon. [AFRCL-66-785] 17 p2888 A67-32631

- KATCHEN, G. I.**
A multi-channel photoelectric spectrometer employing a Fabry-Perot etalon and axicon. 20 p3439 A67-36353
- KATCHEN, L. B.**
Some observations on the thermal behavior of the mesosphere. 19 p3226 A67-35924
- KATCHMAN, B. J.**
Energy requirements in simulated aerospace environments. 23 p3952 A67-41573
- KATHEN, H.**
Contribution to fuselage optimization of short-haul transport aircraft /Beitrag zur Rumpfoptimierung eines Kurzstrecken-Verkehrsflugzeuges/. 02 p0181 A67-12199
- KATILIUS, R.**
Allowance for the anisotropy of a semiconductor in the theory of hot electrons /Uchet anizotropii poluprovodnika v teorii gorlakhkh elektronov/. 05 p0867 A67-17053
Allowance for semiconductor anisotropy in the theory of hot electrons. 15 p2538 A67-29784
- KATIUSHINA, V. V.**
Study of receivers for measuring ultraviolet radiation in the upper atmosphere and in outer space /Issledovanie priemnikov, prednaznachennykh dlia izmereniia ul'trafioletovogo izlucheniia v verkhnei atmosfere zemli i kosmicheskom prostranstve/. 13 p2121 A67-27335
Passage through the earth's atmosphere of solar radiation in the lines of the O I triplet lambda approximately 1300 angstrom units. 14 p2378 A67-27862
- KATKOV, F. A.**
Time-frequency remote control systems /Chastotno vremennye sistemy teleupravleniia/. 20 p3412 A67-37632
- KATKOV, V. F.**
Determination of pressworking-suitability characteristics from the results of mechanical tests /K voprosu ob opredelenii pokazatelei shkumpuemosti po rezul'tatam mekhanicheskikh ispytani/. 07 p1192 A67-19755
- KATKOV, V. L.**
Accurate solution of the equation for geopotential prognosis /Tochnye resheniia uravneniia prognoza geopotentsiala/. 05 p0837 A67-16489
- KATLIN, J. M.**
Low cycle fatigue crack propagation characteristics of high strength steels. [ASME PAPER 66-MET-3] 05 p0827 A67-16213
- KATO, K.**
Observation of the ion resonance by an RF probe. 04 p0663 A67-14616
Enhanced diffusion and high frequency oscillation in a plasma. 05 p0854 A67-16896
High-frequency and low-frequency oscillations in a plasma in a magnetic field. 05 p0854 A67-16897
Ion resonance probe for the measurement of plasma densities. 21 p3627 A67-38258
- KATO, S.**
Atmospheric oscillations in the ionosphere and geomagnetic variations. 05 p0798 A67-16859
Diurnal and semi-diurnal atmospheric tidal oscillation, eigenvalues and Hough functions. 10 p1634 A67-23052
On the gravitational instability in an expanding universe - Reformulation of Lifshitz's theory. 11 p1859 A67-24121
- KATO, T.**
Observation of the background component of cosmic X-rays. 19 p3314 A67-35278
- KATO, Y.**
Rocket measurements of ionospheric Sq currents. 05 p0799 A67-16871
Frequency analysis of the geomagnetic pulsations. 11 p1786 A67-24332
Star system. IV. 13 p2068 A67-26720
- KATOH, H.**
Amplification of microwaves by the interaction of an electron beam with a cesium plasma. 13 p2166 A67-26726
Amplification of microwaves by the interaction of an electron beam with a cesium plasma. 21 p3668 A67-38605
- KATONA, G.**
The principle of conservation of entropy in a noiseless channel. 14 p2292 A67-28935
- KATS, I. S.**
Solution of some problems of the theory of elasticity by upper relaxation techniques /Rozv'lazok delakhkh zadach teorii pruzhnosti metodom verkhnoi
- relaksatsii/. 13 p2215 A67-26372
- KATS, L. I.**
Possibility of using periodic structures as transmission lines in the millimeter range /O vozmozhnosti ispol'zovaniia periodicheskikh struktur v kachestve lini peredachi millimetrovogo diapazona/. 04 p0575 A67-15167
- KATSANIS, T.**
Summary of NASA radial turbine research related to Brayton cycle space power systems. 24 p4102 A67-42489
- KATSENELSON, I. B.**
Some results of the investigation of diffusion reflections during a cycle of solar activity at the Murmansk station /Nekotorye rezul'taty issledovaniia diffuznykh otrazhenii za tsikl solnechnoi aktivnosti na st. Murmansk/. 05 p0800 A67-17127
Some results of studies of spread-F over a solar activity cycle at Murmansk. 21 p3618 A67-38470
- KATSIS, D.**
Motion of an artificial satellite inside a resisting atmosphere. 04 p0696 A67-14737
- KATSKOVA, O. N.**
Flow of a conducting gas in a supersonic nozzle /Tehenie provodiashchego gaza v sverkhzvukovom sope/. 06 p1043 A67-18669
Numerical calculation of a supersonic flow incident at an angle of attack on bodies with a duct /Chislennyi raschet sverkhzvukovogo obtekanii tel s protokom pod uglom ataki/. 18 p2984 A67-34212
- KATSENELSON, V. E.**
Oscillations of derivatives of almost periodic functions /Ob ostsil'atsii proizvodnykh pochtli periodicheskoi funktsii/. 04 p0646 A67-15259
- KATSOULIS, E. G.**
A high energy density zinc/oxygen battery system. 13 p2055 A67-26836
- KATSRUKI, I. K.**
Some equatorial ionospheric E-and F-region drifts measurements at Tamale. 03 p0407 A67-12833
- KATSUMURA, H.**
Isolation in integrated circuits using preferential epitaxial growth technique. 12 p1918 A67-26217
- KATSURAI, M.**
An MHD rotating machine - A new type of A.C. magnetohydrodynamic power generator and turbine. 16 p2605 A67-30581
- KATAWAR, G. W.**
Electromagnetic scattering from absorbing spheres. 19 p3184 A67-35688
Resonance scattering from absorbing spheres. 21 p3656 A67-37856
- KATTERFELD, G. N.**
Types, ages, and origins of lunar ring structures - Statistical and comparative geological approach. 16 p2747 A67-30984
- KATUCKI, R. J.**
Recent flight experience of earth-orbiting gravity gradient stabilization systems. 02 p0334 A67-12362
Gravity gradient stabilization of communication satellite systems. 06 p1094 A67-17680
Flight experience and application of earth-orbiting gravity gradient stabilization systems. 16 p2758 A67-30663
- KATULIN, V. A.**
Semiconductor CdSe laser with two-photon optical excitation. 04 p0633 A67-15299
Semiconductor lasers using optical pumping. 06 p1013 A67-18930
Semiconductor laser employing GaAs under optical excitation by radiation of a quantum energy close to the width of the forbidden band /Poluprovodnikovyi kvantovyi generator na GaAs pri opticheskom vzbuzhdenii izlucheniem s energiei kvantov, blizko k shirine zapreshchennoi zony/. 09 p1512 A67-21973
GaAs semiconductor laser optically excited by radiation having energy close to the forbidden band width. 17 p2870 A67-33310
- KATZ, I.**
Probing the clear atmosphere with radar. 04 p0650 A67-15172
Structures of the terrestrial and extraterrestrial atmospheres. 06 p1091 A67-18997
Philosophy and education in the space age. 06 p1120 A67-19042
Clear-air turbulence - Simultaneous observations by radar and aircraft. 20 p3481 A67-36996
- KATZ, J. L.**
Measurements of the thermal variation of the X-ray Debye temperature of pure nickel and chromium. 06 p1015 A67-17850
High-temperature equation of state - Argon. 08 p1355 A67-21255
Condensation of primordial dust. 16 p2751 A67-31454
Diffusion cloud-chamber investigation of homogeneous nucleation. 20 p3555 A67-37562
- KATZ, L.**
Measurements of 1/2 to 4 mev trapped protons in the equatorial magnetosphere. [AFCLR-66-865] 03 p0505 A67-12835
Planetary photographic exploration with solar-electric propulsion. [AIAA PAPER 67-712] 21 p3714 A67-38739
- KATZ, R.**
Simulated radioactivity. 01 p0112 A67-10826
AFSCM 375 and reliability. 01 p0171 A67-11375
Magnetically geared microscope stages. 02 p0247 A67-12696
- KATZ, S.**
Method of interpolation of a real function by means of a sinusoidal-exponential series. 03 p0458 A67-13505
Pressure gain analysis of an impacting jet amplifier stage. 14 p2250 A67-28332
Flueric integrated circuits. 16 p2610 A67-31722
Synthesis of an autopilot in a follow-up regime with the aid of time characteristics /Synteza autopilota w rezymie nadaznym za pomoca charakterystyk czasowych/. 18 p3075 A67-34282
Autopilot synthesis in a flight-stabilization regime with the aid of time characteristics /Synteza autopilota w rezymie stabilizacji lotu za pomoca charakterystyk czasowych/. 22 p3831 A67-39609
- KATZ, Y. J.**
A simplified method for the extraction and bioassay of renin. 01 p0015 A67-10412
- KATZENBERGER, E. F.**
Design approach to commercial rotor VTOL. [AIAA PAPER 67-410] 15 p2422 A67-30377
- KATZENELSON, J.**
AEDNET - A simulator for nonlinear networks. 03 p0375 A67-13665
Data structure and man-machine communication for network problems. 19 p3186 A67-35619
- KATZENSTEIN, H. S.**
Nuclear electronics for aerospace applications. 02 p0220 A67-12208
- KATZENSTEIN, J.**
Asymmetric co-operative scattered light spectrum in a thetatron plasma. 01 p0121 A67-10248
A multi-channel photoelectric spectrometer employing a Fabry-Perot etalon and axicon. 20 p3439 A67-36353
- KATZIN, M.**
Progress in radio propagation in nonionized media. 05 p0760 A67-16009
- KATZMAN, M. T.**
Naming sequentially presented letters and words. 06 p0954 A67-18533
- KATZOFF, S.**
Heat pipes and vapor chambers for thermal control of spacecraft. [AIAA PAPER 67-310] 12 p2036 A67-26025
- KAUDERS, M.**
The excretion of neutral 17-ketosteroids 3-methoxy-4-hydroxymandellic acid, 3-methoxy-4-hydroxyphenyl-acetic acid and mucoproteins in urine during pressure breathing. 22 p3752 A67-40538
- KAUFMAN, A.**
Filament-overwrapped metallic cylindrical pressure vessels. 17 p2958 A67-32054
- KAUFMAN, A. N.**
Extension of the plasma kinetic equation to small wave numbers. 03 p0483 A67-13914
- KAUFMAN, A. S.**
Physical measurements of the ionized gas produced by exploded lithium wires. 19 p3261 A67-35162
- KAUFMAN, B. A.**
A rotationally switched rod memory with a 100-nanosecond cycle time. 19 p3189 A67-36064
- KAUFMAN, F.**
N sub 2 O bond dissociation energy. 12 p1904 A67-26230
M effect in the gas-phase recombination of O with O sub 2. 18 p3082 A67-34030
- KAUFMAN, H.**
Stability analysis of predictive control

- systems.
[AFOSR-67-1339] 01 p0046 A67-11207
- KAUFMAN, H. R.**
Electric propulsion systems for primary spacecraft propulsion.
[AIAA PAPER 67-424] 18 p3111 A67-33908
- KAUFMAN, I. A.**
Laboratory measurement of microwave absorption in models of the atmosphere of Venus.
03 p0394 A67-12949
- KAUFMAN, J. G.**
Fracture toughness of 7075-T6 and -T651 sheet, plate, and multilayered adhesive-bonded panels.
[ASME PAPER 67-MET-4] 12 p1956 A67-25948
Role of theoretical stress-concentration factor in evaluating notch toughness. 13 p2220 A67-27185
Notch toughness of some aluminum alloy castings at cryogenic temperatures. 13 p2221 A67-27672
Structures and equipment for service at cryogenic temperatures. 14 p2323 A67-27816
Notch toughness of aluminum alloy sheet and welded joints at room and subzero temperatures. 23 p4020 A67-41348
- KAUFMAN, L.**
A kinetic study of the densification of TiB sub 2 at high pressure and high temperature. 01 p0098 A67-10704
- KAUFMAN, L. G., II**
An investigation of flow separation and aerodynamic controls at hypersonic speeds.
[AIAA PAPER 65-753] 03 p0350 A67-12911
Hypersonic flows past transverse jets.
[AIAA PAPER 67-190] 06 p0939 A67-18299
Hypersonic flows past transverse jets. 21 p3610 A67-37799
- KAUFMAN, M.**
The extragalactic component of low frequency background radiation. 12 p1995 A67-25766
- KAUFMAN, M. G.**
CORAD /color radar/. 19 p3231 A67-35624
- KAUFMAN, S.**
Bending elements for plate and shell networks. 08 p1417 A67-20553
- KAUFMAN, V.**
Newly measured and calculated wavelengths in the vacuum ultraviolet spectrum of neutral nitrogen. 05 p0846 A67-16781
Vacuum ultraviolet wavelength standards and improved energy levels in the first spectrum of silicon. 11 p1822 A67-24417
- KAUFMAN, W. C.**
Physiological basis for a passive extravehicular thermal control system. 03 p0364 A67-14295
A simple liquid transport cooling system for aircrew-members. 05 p0756 A67-16284
Effect of heat stress upon human renal function. 10 p1599 A67-23811
Inadequacies of meteorological data for predicting thermal stress. 23 p3935 A67-41593
A telemetry system for physiological evaluation of space suits. 23 p3969 A67-41651
- KAUFMANN, M.**
The topping cycle - Its potential and its limits. 01 p0141 A67-11398
High-pressure rocket engines and their significance for space flight /Hochdruck-Raketentriebwerke und ihre Bedeutung fuer die Raumfahrt/. 16 p2735 A67-30704
- KAUFMANN, P.**
Some results obtained with V.L.F. atmospheric measurements at Sao Paulo, Brazil. 07 p1171 A67-19422
Characteristics of VLF radio wave tracking stations for ionospheric investigation /Caracteristicas de estacoes de rastreo de ondas de radio VLF para investigacoes ionosfericas/. 20 p3386 A67-37481
VLF propagation across the geomagnetic anomaly during S.I.D.s. 24 p4149 A67-42067
- KAUFMANN, R. L.**
Shock observations with the Explorer 12 magnetometer. 14 p2383 A67-28047
- KAUFMANN, W. J., III**
Polytropic spheres in general relativity. 21 p3658 A67-38615
- KAUL, C. N.**
One-dimensional magnetogasdynamics. 08 p1357 A67-20585
- KAUL, D.**
Inversion of symmetrical matrices by computers /Inversion symmetrischer Matrizen auf Rechenautomaten/. 17 p2820 A67-32802
- KAUL, R. D.**
Ion-bombardment level-crossing spectroscopy. 22 p3835 A67-39239
- KAULA, W.**
The geometric and dynamical figures of the moon.
[AAS PAPER 66-189] 08 p1387 A67-20962
- KAULA, W. M.**
Tests and combination of satellite determinations of the gravity field with gravimetry. 03 p0414 A67-13933
Theory of satellite geodesy. 04 p0611 A67-14466
Plans for analysis of lunar satellite orbits. 05 p0895 A67-16576
A spherical harmonic analysis of the earth's topography. 08 p1325 A67-20937
Theory of statistical analysis of data distributed over a sphere. 10 p1652 A67-23547
Recent developments in determination of the lunar gravitational field from satellite orbits. 18 p3127 A67-34252
Analysis of satellite orbit perturbations to determine the lunar gravitational field. 18 p3131 A67-34325
Geodetic satellites - Evaluation of results relative to those obtained by other means. 20 p3429 A67-36892
Selenodesy. 20 p3525 A67-36893
Thermal effects of tidal friction. 24 p4229 A67-42316
- KAUP, D. J.**
Classical motion of an extended charged particle. 11 p1821 A67-23977
- KAUPS, K.**
The laminar boundary layer in water with variable properties.
[ASME PAPER 67-HT-69] 20 p3550 A67-36749
- KAUSHIKA, N. D.**
Fading characteristics of radio waves reflected from the E sub s layer at Thumba. 03 p0406 A67-12824
- KAUTZKY, D. E.**
Film boiling of a mixture on a horizontal plate. 10 p1732 A67-22729
- KAVANAGH, L. D., JR.**
An observation of transient variations in the magnetospheric boundary position. 13 p2109 A67-26328
- KAVANAGH, R. J.**
The multi-variable problem. 08 p1312 A67-20754
- KAVERZNEV, K. M.**
Determination of the position of a space vehicle. 11 p1816 A67-24083
- KAVICH, I. V.**
Correlation between the K-absorption edge and other properties of some nickel-rich solid solutions. 06 p1017 A67-17952
- KAVLAKOV, SHT.**
Zenithal angular distribution of nuclear-active charged particles of mean energies above 60 Gev /Zenitnoe uglovoe raspredelenie zariazhennykh laderno-aktivnykh chastits so srednimi energiyami vyse 60 Gev/. 24 p4217 A67-42831
- KAW, P. K.**
Nonlinear second harmonic generation in an inhomogeneous magnetoplasma. 06 p1046 A67-18825
On nonlinear generation of second harmonic and sum and difference frequencies in a homogeneous plasma. 06 p1046 A67-18826
Nonlinear generation of combination frequencies in a homogeneous magnetoplasma. 13 p2167 A67-26994
Nonlinear and second order thermal diffusion of electrons in ionized gases. 18 p3083 A67-34401
Optical measurement of the atmospheric refractive index gradient. 24 p4188 A67-42093
- KAWABATA, K.-A.**
Extragalactic X-rays and evolution of galaxies. 12 p2007 A67-25767
- KAWABE, K.**
Rate-equational approach to gas discharge modulation in a He-Ne laser. 07 p1195 A67-19492
Noise and modulation of He-Ne laser. 18 p3058 A67-33648
Electrical and optical properties of AlN - A thermostable semiconductor. 21 p3684 A67-38522
- KAWABE, T.**
Dipole resonance of a cylindrical plasma column in a magneto-plasma. 01 p0123 A67-10459
Enhanced diffusion and high frequency oscillation in a plasma. 05 p0854 A67-16896
High-frequency and low-frequency oscillations in a plasma in a magnetic field. 05 p0854 A67-16897
- KAWAGOE, H.**
Measurement of residual stresses in a cylinder. I. 22 p3913 A67-40034
Measurement of residual stresses in a cylinder. II. 22 p3913 A67-40035
- KAWAGUCHI, I.**
On the dome formation in the corona around a prominence observed at the total eclipse of 15 February 1961. 17 p2953 A67-33399
On the widths of Balmer emission lines in prominences. 24 p4232 A67-42595
- KAWAGUCHI, M.**
Radial density profile in a positive column with a longitudinal magnetic field. 08 p1362 A67-21148
- KAWAGUCHI, Y.**
Galvanomagnetic properties of surface layers in indium arsenide. 06 p1064 A67-18941
- KAWAGUTI, M.**
Numerical study of a viscous fluid flow past a circular cylinder. 04 p0602 A67-14617
- KAWAJI, A.**
A solid state matrix display employing gallium phosphide diodes. 05 p0771 A67-16313
Diffused-base punchthrough avalanche transistors. 10 p1609 A67-22839
Quenching response on a GaAs dual laser. 21 p3640 A67-38261
Injection laser half adder. 24 p4169 A67-42822
- KAWAJI, S.**
Field effect measurements on the A and B /111/ surfaces of indium antimonide. 05 p0862 A67-16604
Galvanomagnetic properties of surface layers in indium arsenide. 06 p1064 A67-18941
The role of surface treatment in the field effect anomaly of n-type InSb at high magnetic fields. 10 p1688 A67-22903
Electric field effect on the magnetoresistance of indium arsenide surfaces in high magnetic fields. 17 p2911 A67-32206
Contact potential difference between the /111/ and /111/ surfaces of InSb cleaved in ultra-high vacuum. 19 p3302 A67-34939
- KAWAKAMI, I.**
The drift of a theta pinch plasma due to the asymmetry of magnetic field. 14 p2357 A67-28233
- KAWAMOTO, M.**
Effects of several factors on thermal fatigue. 05 p0921 A67-17085
- KAWAMURA, R.**
Characteristics of the blow-down type hypersonic wind tunnel of Institute of Space and Aeronautical Science, University of Tokyo. 01 p0049 A67-10558
Study on row of circular cylinders in supersonic and hypersonic flow. IV - Heat transfer on row of parallel circular cylinders in hypersonic flow. 01 p0006 A67-10559
An experimental study of stagnation ablation from Teflon. 23 p3931 A67-41477
- KAWANG, Y.**
On the ground effect of static circular peripheral jet. 15 p2415 A67-29262
- KAWARADA, K.**
Energy distribution of electrons tunneling through a metal-insulator-metal sandwich structure. 12 p1982 A67-25449
- KAWASAKI, E.**
Enhanced diffusion and high frequency oscillation in a plasma. 05 p0854 A67-16896
High-frequency and low-frequency oscillations in a plasma in a magnetic field. 05 p0854 A67-16897
- KAWASAKI, K.**
Adsorption, surface reaction, and mutual displacement of CO, CO sub 2 and O sub 2

- on titanium film. 19 p3244 A67-34941
- KAWASAKI, M.**
Studies on the mechanical properties of Japanese beryllium. 13 p2140 A67-27134
- KAWASAKI, S.**
A high resolution echelle monochromator and its application to ion temperature measurement of He plasma. 04 p0663 A67-14767
Plasma density dependence of RF ion sources. 10 p1687 A67-23794
- KAWASAKI, T.**
Galvanomagnetic effects in cadmium antimonide. 06 p1054 A67-18824
Galvanomagnetic effects and band structure of CdSb. 06 p1064 A67-18942
Favorable thickness distributions for wings in supersonic flow. [AIAA PAPER 65-716] 08 p1276 A67-20559
- KAWASHIMA, N.**
Laboratory experiments on the interaction of solar plasma stream with geomagnetic field. 19 p3221 A67-35368
On the plastic buckling of spar flanges. 20 p3537 A67-36642
- KAWASHIMA, Y.**
Active gyration. 11 p1789 A67-24127
- KAWATA, K.**
On some differences between dynamic and static stress distributions. 07 p1262 A67-19414
On some theoretical and experimental investigations of high speed plastic deformation. 16 p2775 A67-31329
- KAWATATE, K.**
Stress waves in a linear viscoelastic cylinder. 04 p0716 A67-15794
- KAY, J.**
Probe for measuring energy transfer between a satellite and the upper atmosphere. 16 p2670 A67-30646
- KAY, L.**
A simple model for the yield of excited hydrogen atoms as a function of gas target thickness. 16 p2714 A67-30874
- KAY, R. E.**
Biological macromolecule detection by use of a thiocarbocyanine dye. 15 p2426 A67-29115
- KAYANDE, A. A.**
General dynamical systems and conditional stability. 09 p1532 A67-21661
Lyapunov functions and a control problem. 15 p2510 A67-29630
- KAYE, B. H.**
Size analysis of latex emulsions using a centrifugal-disc photosedimentometer. 23 p3972 A67-41066
- KAYE, D.**
Preferred-circuit techniques for reflection-type parametric amplifiers. 20 p3406 A67-37655
- KAYE, H.**
A finite difference solution of nonequilibrium boundary layers. [AIAA PAPER 67-219] 06 p0990 A67-18515
A finite-difference solution of similar nonequilibrium boundary layers. [AIAA PAPER 67-219] 23 p3991 A67-41715
- KAYLIE, H. L.**
A new technique for accurate RF attenuation measurements. 09 p1495 A67-21623
- KAYLOR, R. E.**
Investigations of stability and transition in rotating boundary layers. 11 p1781 A67-24543
- KAYS, A. O.**
Adhesives for bonding of insulation in solid propellant rocket motors. 09 p1578 A67-22512
Adhesive bonding of solid propellants in rocket motors. 09 p1578 A67-22514
- KAYS, M.**
Improved technique for deriving wind profiles from rocketsonde parachutes. 21 p3654 A67-38186
Rocket temperature and wind sensors for synoptic observations. 23 p4025 A67-41445
- KAYS, T. H.**
Scattering by random distribution of spheres vs. concentration. 09 p1461 A67-21597
Comparison of distribution functions from scattering data on different sets of spheres. 09 p1461 A67-21598
- KAYTON, M.**
Apollo lunar ascent and descent. 15 p2514 A67-29601
- KAYUKAWA, N.**
Spatially constant σ super 2 /p/ type of MHD generator. 09 p1442 A67-21799
- KAZACHEVSKAIA, T. V.**
Relation between the electron concentration at heights of 100 and 110 km and the degree of perturbation of the earth's magnetic field /O svyazi elektronnoi kontsentratsii na vysotakh 100 i 110 km s vozmushchennost'iu magnitnogo polia zemli/. 05 p0801 A67-17143
Rocket data on the behavior of electron concentration in the ionosphere at heights of 100-300 km. II. 07 p1173 A67-19686
Diurnal variations of the electron concentration and variation of the temperature of the ionosphere at heights from 160 to 200 km /Sutochnnye variatsii elektronnoi kontsentratsii i izmeneniye temperatury ionosfery na vysotakh 160-200 km/. 18 p2689 A67-31902
Relation of electron concentration at heights of 100 and 110 km to geomagnetic field disturbance. 21 p3619 A67-38485
- KAZAKEVICH, V. V.**
Time-optimal search algorithms in pulsed extremal-control systems /Ob algoritme nablyustel'shego poiska v impul'snykh sistemakh ekstremal'nogo regulirovaniya/. 06 p0978 A67-18794
Algorithms for most rapid search in pulsed extremal control systems. 18 p3018 A67-34459
- KAZAKOV, I. E.**
Statistical analysis of systems with ambiguous nonlinearities. 20 p3408 A67-37073
- KAZAN, E.**
A comparative analysis of the effect of the hover control concept on V-STOL aircraft size. [AIAA PAPER 67-133] 06 p0948 A67-18358
- KAZANKIN, P. A.**
Investigation of the current distribution in the formation of an eddy configuration in the atmosphere /Issledovanie raspredeleniya tokov pri obrazovanii vikhrevoi konfiguratsii v atmosfere/. 02 p0180 A67-12441
- KAZANSKII, B. A.**
Behavior of benzene and some other organic compounds in a focused laser beam /O povedenii benzola i nekotorykh drugih organicheskikh soedinenii v sfokusirovannom lazernom puchke/. 05 p0759 A67-17028
- KAZANSKII, I. U.**
Effect of high temperature on the strength of solidified resins and resin-based materials. II /Vliyanie povyshennykh temperatur na prochnost' otverzhennykh smol i materialov na ikh osnove. II/. 05 p0833 A67-17098
- KAZANTSEV, A. N.**
Mechanism of propagation of radio waves emanating from an artificial earth satellite. 11 p1751 A67-24070
Field strength of short radio waves emanating from an artificial earth satellite. 11 p1751 A67-24071
Method of studying radio-wave propagation in an inhomogeneous magnetoactive ionosphere /Metod issledovaniya rasprostraneniya radiovoln v neodnorodnoi magnitnoaktivnoi ionosfere/. 21 p3582 A67-38592
Method of calculating the radio-wave refraction and refraction-induced errors in the determination of artificial-satellite trajectories /Metod rascheta refraktsii radiovoln i refraktsionnykh oshibok pri opredelenii traektorii ISZ/. 21 p3582 A67-38593
- KAZANTSEV, A. P.**
Mode interaction in a gas laser. 03 p0439 A67-14371
Kinetic equation for a gas of excited atoms /Kineticheskoe uravnenie dlia gaza vzbuzhdennykh atomov/. 06 p0991 A67-18799
Kinetic equation for a gas of excited atoms. 18 p3029 A67-34418
- KAZANTSEV, G. A.**
Generation-recombination noise in p-type InSb /Generatsionno-rekombinatsionnyi shum v p-InSb/. 15 p2541 A67-30235
- KAZANTSEV, I. U.**
A calculation of the characteristics of open resonators /Raschet kharakteristik otkrytykh rezonatorov/. 15 p2501 A67-30075
- KAZARINOV, R. F.**
Special feature of injection in heterojunctions /Ob odnoi osobennosti inzhetsii v geteroperekhodakh/. 03 p0490 A67-13154
- KAZAROV, R. E.**
Investigation of high-energy muons by means of a complex installation /Issledovanie mluonov vysokikh energii s pomoshch'iu kompleksnoi ustanovki/. 02 p0317 A67-12770
Investigation of high-energy muons by means of a complex installation. 22 p3877 A67-40272
Investigation of the energy and angular distribution of high-energy muons /Issledovanie energeticheskogo i uglovogo raspredeleniya mluonov bol'shoi energii/. 24 p4222 A67-42877
Investigation of the penetrating component of cosmic rays at a depth of 130 mwe /Issledovanie pronikalushchei komponenty kosmicheskikh luchei na glubine 130 m v. e./. 24 p4222 A67-42878
- KAZDA, L. F.**
Minimum energy problems in Hilbert function space. 07 p1216 A67-19908
Design of a digital controller for a tracking telescope. 16 p2629 A67-31688
Design of a digital controller for a tracking telescope. 24 p4154 A67-42176
- KAZIMIERSKI, Z.**
Two-dimensional flow through an axial stage of a turbine with arbitrary geometric parameters /Plaski przeplyw przez osiowy stopien maszyny przeplywowej o dowolnych parametrach geometrycznych/. 01 p0006 A67-10525
Method of characteristics for two-dimensional unsteady gas flows /Metoda charakterystyk dla dwuwymiarowych nieustalonych przeplywow gazu/. 12 p1931 A67-26199
- KAZIMIRCHAK-POLONSKAIA, E. I.**
Evolution of the orbits of short-period comets over the period from 1660 to 2060 and the influence of outer planets on this evolution /Evolutsiia orbit korotkoperiodicheskikh komet na intervale 1660-2060 gg. i rol' vneshnikh planet v etoi evolutsii/. 15 p2552 A67-29154
Certain relevant problems of cometary astronomy from the contemporary viewpoint of celestial mechanics /Nekotorye aktual'nye zadachi kometnoi astronomii s sovremennykh pozitsii nebesnoi mekhaniki/. 20 p3524 A67-36658
Improvement of the theory of motion of the comet Wolf 1 during its 1918-to-1925 revolution which included a close approach to Jupiter in 1922 /Utochnenie teorii dvizheniya komety Vol'fa 1 za oborot 1918-1925 gg., okhvatyvavushchii ee tesnoe sblizhenie s Iupiterom v 1922 g./. 20 p3524 A67-36659
Evolution of the orbit of the Comet Wolf 1 over the period of 400 years /1660-2060/ /Evolutsiia orbity komety Vol'fa 1 na protiazhenii 400 let 20 p3524 A67-36660
Possibility of the common origin of comets Wolf 1 /1884 III/ and Barnard /1892 V/ /O vozmozhnoi obshchnosti proiskhozhdeniya komet Vol'fa 1 /1884 III/ i Barnarda /1892 V/./. 20 p3524 A67-36661
Evolution of short-period comet orbits from 1660 to 2060, and the role of the outer planets. 24 p4239 A67-43077
- KAZIMIROVSKII, E. S.**
Angular spectrum of waves scattered by the ionosphere. 12 p1933 A67-25547
Ionospheric winter drifts during a quiet-sun period /Zimnie ionosfernye dreyfy v spokojno-solnechnyi period/. 14 p2308 A67-27936
- KAZMIN, M.**
Renal lymph oxygen tension during graded renal ischemia. 06 p0952 A67-17853
- KAZMIROWSKI, A.**
Laser neodymium glass /Laserowe szklo neodymowe/. 05 p0824 A67-16855
Heads of a high-energy neodymium laser /Glowice lasera neodymowego o duzej energii/. 09 p1514 A67-22171
- KAZUNO, M.**
Evaluations of mass of target isobar and four-momentum transfer in cosmic-ray jets. 07 p1246 A67-20278
- KDYROVA, L. IA.**
Position of the pilot's hands and feet on the cockpit controls during training on a simulator /Polozhenie konechnostei na shturvale samoleta vo vremia poteri soznaniia pri imitatsii poleta na trenazhere/. 20 p3374 A67-36264
- KEACHIE, S.**
Measurement of the cosmic microwave background temperature at 1.5-cm wavelength. 15 p2551 A67-30161
- KEALL, O. E.**
Dispersors for pulse compression systems.

- I. 04 p0574 A67-15054
Dispersors for pulse compression systems.
- II. 04 p0574 A67-15055
- KEAR, B. H.**
Temperature and orientation dependence of the flow stress in off-stoichiometric Ni sub 3 Al /gamma' phase/. 18 p3064 A67-34079
A dynamic theory of coherent precipitation hardening with application to nickel-base alloys. 18 p3064 A67-34080
Tensile and creep properties of single crystals of the nickel-base superalloy Mar-M200. 20 p3470 A67-37387
- KEARNEY, V. E.**
Numerical analysis of crack propagation in cyclic-loaded structures. [ASME PAPER 66-WA/MET-4] 04 p0711 A67-15342
- KEARNS, C. E.**
28 photographs of comet Humason /1961e/. 02 p0326 A67-12066
- KEARNS, W. H.**
Fabrication of a columbium alloy liquid metal loop. 01 p0080 A67-10945
- KEAST, P.**
On a boundary-value problem for the equation of heat. 06 p1111 A67-17645
Finite difference solution of the third boundary problem in elliptic and parabolic equations. 15 p2510 A67-29521
- KEATING, G. M.**
Latitudinal and seasonal variations in atmospheric densities obtained during low solar activity by means of the inflatable air density satellites. 10 p1639 A67-23211
The winter helium bulge. 19 p3218 A67-35226
- KEATING, R. F.**
Angular distribution of flow from orifices and tubes at high Knudsen numbers. 08 p1324 A67-21495
- KEATS, E.**
Navigational satellite system of the 1970S. 19 p3255 A67-35658
- KEATS, E. S.**
Some geopolitical factors surrounding navigation satellites. [AIAA PAPER 67-960] 24 p4260 A67-43041
- KEAYS, R. R.**
Precious metal abundances in some carbonaceous and enstatite chondrites. 24 p4233 A67-42617
- KEBLAWI, F. S.**
Unlock behavior of the second-order phase-locked loop with and without interfering carriers. 18 p3018 A67-34346
- KEBULADZE, T. V.**
World increases in cosmic ray intensity and their connection with geomagnetic disturbances. 02 p0312 A67-12601
Increase in the cosmic-ray intensity before Forbush effects /O vozrastanii intensivnosti kosmicheskikh luchei pered Forbush-effektami/. 21 p3699 A67-39029
- KECK, J. C.**
Transient phenomena in dissociative reactions. 03 p0474 A67-14025
Simple classical model for the scattering of gas atoms from a solid surface - Additional analyses and comparisons. 13 p2097 A67-26937
- KECKLER, C. R.**
Control moment gyro development and test. 17 p2853 A67-31995
- KEDRINSKII, V. K.**
Dynamic features of a spherical gas bubble in fluid /Osobennosti dinamiki sfericheskogo gazovogo puzyr'ka v zhidkosti/. 20 p3422 A67-37065
- KEE, R. C.**
Electronic zoom by varying vidicon raster size. 14 p2321 A67-28920
- KEEBLE, F. S.**
The surface damage of high output gallium arsenide lasers. 10 p1665 A67-23520
- KEEFER, D. R.**
Electron temperature distribution in the electrodeless discharge. [AIAA PAPER 67-692] 21 p3672 A67-38721
- KEEGAN, J. W.**
Cold forming stainless and superalloys. 21 p3634 A67-38177
- KEELAN, R. D.**
Switching to integrated circuits. 01 p0038 A67-10760
- KEELER, R. N.**
Stimulated Brillouin scattering in shock-compressed fluids. 01 p0116 A67-10338
- KEELER, W. J.**
Pressure-induced energy shifts in the phonon spectrum of Pb observed by electron-tunneling. 24 p4206 A67-43100
- KEELING, G. F.**
F-111 - Fixed price contract management. [AAS PAPER 66-153] 08 p1430 A67-20971
Paper on fixed price contract management - F-111 program. [AAS PAPER 66-153] 13 p2233 A67-27554
- KEEN, J. M. S.**
The use of composite materials in aero-engines. [SAE PAPER 670333] 12 p1958 A67-25874
- KEENAN, J. J.**
Interactionist models of the varieties of human performance in complex work systems. 18 p2994 A67-34654
- KEENAN, J. S.**
A simulation technique to optimize the support resources of aircraft weapon systems from concept through production. [AIAA PAPER 66-785] 01 p0169 A67-10529
- KEENE, D.**
A method of spacecraft attitude control. 01 p0157 A67-11445
- KEER, L. M.**
Stationary crack and continuous distributions of dislocations. 16 p2768 A67-31280
Torsion of a cylindrical rod welded to an elastic half space. [ASME PAPER 67-APM-30] 17 p2965 A67-33156
- KEESE, H.**
Participation of the mobile telemetry station of the DFL in Greece /Einsatz der mobilen Telemetriestation der DFL in Griechenland/. 15 p2467 A67-29575
- KESOM, P. H.**
Low-temperature specific heat and density of states of boronated graphite. 05 p0833 A67-17197
- KEFFER, J. F.**
A note on the expansion of turbulent wakes. 13 p2096 A67-26915
- KEGEIAN, E. M.**
Simultaneous approximation in a circle /Ob odnovermennoi approksimatsii v krug/. 07 p1215 A67-19221
- KEGEL, W. H.**
Pulse-stimulated radiation from a plasma due to an energy-dependent gyrofrequency. 11 p1827 A67-23889
Pulse-stimulated radiation from a plasma at harmonics of the gyrofrequency. 14 p2360 A67-28557
- KEHAYAS, E. C.**
A study of the accuracy of determination and prediction of satellite orbits. 15 p2441 A67-30165
- KEIGLER, J. E.**
Precision attitude control for the improved Tiros. 22 p3897 A67-39156
- KEIHN, F. G.**
High-temperature thermal expansion of certain group IV and group V diborides. 10 p1697 A67-23380
- KEIL, K.**
Niningerite - A new meteoritic sulfide. 07 p1247 A67-19064
The electron microprobe X-ray analyzer and its application in mineralogy. 10 p1603 A67-23632
Meteoritic rutile. 14 p2386 A67-28476
Chromite composition in relation to chemistry and texture of ordinary chondrites. 24 p4232 A67-42612
Comparison of Macedon and Darwin glass. 24 p4233 A67-42615
- KEIL, S.**
Spherical and tubular structures as new sandwich forms /Globus-und Tubusbauweise als neuentwickelte Sandwichformen/. 03 p0521 A67-13022
- KEILLER, I. L.**
Hovercraft research at Royal Aircraft Establishment, Bedford. 23 p3934 A67-41167
- KEILSON, J.**
Addenda to processes defined on a finite Markov chain. 09 p1524 A67-21660
- KEILY, D. P.**
The accuracy of thermistors in the measurement of upper air temperatures. 13 p2117 A67-27608
- KEIN, V. M.**
Optimum selection of parameters for heat regulators /Ob optimal'nom vybere parametrov termoregulyatora/. 01 p0064 A67-10424
Graphical method for plotting the frequency characteristics of a closed-loop automatic control system from the phase-amplitude characteristic of the open-loop system /Graficheskii sposob postroyeniya chastotnykh kharakteristik zamknuтой системы avtomaticheskogo regulirovaniya po amplitudno-fazovoi kharakteristike razomknuтой системы/. 10 p1621 A67-23852
Graphical calculation of bridge circuits with nonlinear resistances /Graficheskii raschet mostovykh skhem s nelineinymi soprotivleniyami/. 20 p3451 A67-37151
- KEINMAN, C. J.**
Static Green's function for elastic electron-hydrogen scattering and resonances. 22 p3839 A67-39204
- KEIPER, A.**
Spectral investigation of emission inhomogeneities in GaAs injection lasers. 07 p1197 A67-20185
- KEIPER, R.**
On the dielectric function of a semiconductor in an external electric field. 24 p4201 A67-41979
- KEIRLE, P.**
Experimental unit on board the satellite "HEOS A" for the investigation of proton and alpha solar radiation /Ensemble experimental embarque a bord du satellite "HEOS A" pour l'etude du rayonnement en protons et alpha solaires/. 21 p3629 A67-38665
- KEIS, I.**
Equations of motion of a gyrostat fixed at one point /Ob uravneniyakh dvizheniya glostata, zakreplennogo v odnoi toчке/. 01 p0067 A67-10821
A problem of Energy optimization of motion relative to the center of inertia of a variable-mass gyrostatic device /Odnа zadacha energeticheskoi optimizatsii dvizheniya otnositel'no tsentra inertsii glostaticheskogo ustroystva peremennoi massy/. 07 p1184 A67-19149
Use of Valentine's method for solving maximum principle problems /O primeneniі priema Valentina k resheniyu zadach printsipa maksimuma/. 20 p3629 A67-37029
- KEISER, B. E.**
Spaceport communications - Present and future. 02 p0230 A67-12121
- KEISER, J. T.**
Nuclear Brayton cycle powerplants for space applications. 24 p4186 A67-42550
- KEISTER, F. Z.**
Beware of solder silvers. 03 p0389 A67-14279
- KEISTER, M. P., JR.**
Measurements of laser-beam scintillation in the atmosphere. 16 p2686 A67-31879
- KEITH, H. G.**
Laminar forced convection under the influence of a resonant acoustic field. 16 p2778 A67-30947
- KEITH, J. E.**
Research activities of the AEC aircraft. 13 p2090 A67-27257
- KEITH, J. S.**
Saturn IB flight test loads investigation. 10 p1713 A67-23734
- KEIZER, A. S.**
A light-activated semiconductor switch. 08 p1306 A67-21295
- KEKELIDZE, G. P.**
Investigation of the optical scattering in monocrystalline silicon /Issledovanie opticheskogo rasselaniya v monokristallicheskom kremnii/. 06 p1050 A67-18183
The part played by oxygen in the structural changes of silicon single crystals during thermal treatment /Rol' kisloroda v izmenenii struktury monokristallov kremniya pri termicheskoi obrabotke/. 08 p1370 A67-21205
- KELBG, G.**
Quantum statistics of a high-temperature plasma in thermodynamical balance /Quantenstatistik des Hochtemperatur-Plasmas im thermodynamischen Gleichgewicht/. 18 p3089 A67-34300
Contribution of the second virial coefficient to the free energy of a high-temperature plasma /Der Beitrag des zweiten Virialkoeffizienten zur freien Energie eines Hochtemperaturplasmas/. 22 p3851 A67-39785
- KELDISH, L. V.**
Multiple-photon ionization of atoms and molecules in a strong electromagnetic wave field. 19 p3265 A67-35164
- KELDYSH, V. V.**
Intersection of two plane shock waves in space. 07 p1169 A67-20036
Investigation of the flow in the vicinity of

- V-shaped wings formed by the boundaries of the flow behind a plane shock wave
Issledovanie techenila v okrestnosti V-obraznykh kryl'ev, obrazovannykh poverkhnostiami toka za ploskim skachkom uplotnenila/. 22 p3741 A67-40016
- KELIHER, T. J.
Interpretation of asymptotic calorimeter measurements. 10 p1656 A67-23139
- KELLEHER, M. D.
Free-convection stagnation flow of an absorbing-emitting gas. 22 p3920 A67-40418
- KELLEHER, R. F.
Preliminary results of diffraction pattern measurements at Nairobi. 03 p0407 A67-12830
- KELLER, A. C.
Consideration in the analysis of arbitrary waveforms. 12 p1905 A67-25732
- KELLER, C. L.
Human factors and VIPRE FIRE. 22 p3755 A67-39849
- KELLER, C. W.
Effects of using subcooled liquid and slush hydrogen fuels on space vehicle design and performance. [AIAA PAPER 67-467] 18 p3137 A67-33937
- KELLER, D. V., JR.
Effect of contamination on the adhesion of metallic couples in ultra-high vacuum. 15 p2492 A67-29493
Factors affecting the adhesion of titanium and molybdenum couples. 17 p2871 A67-32465
- KELLER, E. L.
Radiation-induced peak effect in superconducting NbZr. 01 p0135 A67-10880
Effect of low-temperature deuteron irradiation on some type-II superconductors. 12 p1985 A67-25845
- KELLER, F. L.
Electron transport theory, calculations, and experiments. [UCC/DSSD-267] 24 p4190 A67-41805
- KELLER, G. R.
The B2707 SST controls development program. 17 p2795 A67-32004
- KELLER, H. B.
Numerical studies of steady viscous flow about cylinders. 07 p1167 A67-19156
Boundary imperfections in the buckling of spherical caps. 13 p2220 A67-27452
The flow of a viscous compressible fluid through a very narrow gap. 16 p2661 A67-31420
Some positone problems suggested by nonlinear heat generation. 17 p2967 A67-32040
- KELLER, H. J.
Problems of reliability operations /Zum Problem der Zuverlaessigkeitsarbeit/. 15 p2583 A67-30128
System optimization through reliability studies /Systemoptimierung durch Zuverlaessigkeitsarbeit/. 18 p3053 A67-33637
Test and control planning for space travel projects /Pruef- und Kontrollplanung fuer Raumfahrtprojekte/. 22 p3921 A67-39281
- KELLER, H. J.
Problems and methods of reliable operation /Probleme und Methoden der Zuverlaessigkeitsarbeiten/. 04 p0627 A67-14579
- KELLER, J.
Diffusion of a Knudsen gas in a closed volume /Zum Ausbreitungsprozess eines Knudsen-Gases in einem abgeschlossenen Volumen/. 24 p4190 A67-41902
- KELLER, J. B.
Periodic oscillations in a model of thermal convection. 04 p0719 A67-14464
Progress in radio waves and transmission of information. 06 p0962 A67-18071
Periodic vibrations of systems governed by nonlinear partial differential equations. 06 p1034 A67-18640
Axially symmetric potential flow around a slender body. 13 p2095 A67-26911
Some recent developments in diffraction and scattering theory. 14 p2268 A67-28448
The electrostatic field around a slender conducting body of revolution. 23 p4026 A67-40753
Extremum principles for slow viscous flows with applications to suspensions. 24 p4144 A67-42567
- KELLER, K.
The possibility of transfer of electricity in a thermionic convertor by negative ions. 13 p2056 A67-27002
- KELLER, L.
Effects of reinforcement intervals in paired-associate learning. 21 p3576 A67-39100
Short-term recall of paired-associates as a function of the number of interpolated pairs. 22 p3750 A67-39318
- KELLER, L. B.
Automatic curing of reinforced plastics in space. 08 p1345 A67-20433
- KELLER, M.
A practical three-photo orientation solution to the analytic aerotriangulation problem. 15 p2486 A67-29298
- KELLER, R.
On the design of a rotating field pinched discharge. 17 p2908 A67-33108
- KELLER, R. B.
A thermistor probe for low velocity flow measurements. 14 p2318 A67-28342
- KELLER, W. E.
He II persistent current gyro element for inertial navigation. 22 p3808 A67-40395
- KELLERMANN, K. I.
The thermal radio emission from Mercury, Venus, Mars, Saturn, and Uranus. 02 p0319 A67-11452
A search for radio emission from blue stellar objects and Seyfert galaxies. 03 p0512 A67-14002
Measurements of the flux density of discrete radio sources at 6 cm wavelength. 04 p0697 A67-14775
On the interpretation of radio-source spectra and the evolution of radio galaxies and quasi-stellar sources. 05 p0891 A67-16400
Variations in the radio-frequency spectra of 3C 84, 3C 273, 3C 279, and other radio sources. 05 p0891 A67-16401
Measurements of the 1.9 cm thermal radio emission from Mercury. 07 p1246 A67-19056
Variations in the flux density of some quasi-stellar sources. 10 p1705 A67-22955
Observations of the polarization of discrete radio sources at 6-cm wavelength. 13 p2206 A67-27483
Variable radio sources. 14 p2386 A67-28446
Interferometer experiment with independent local oscillators. 17 p2864 A67-33363
- KELLERMAYER, G.
Laser action from terbium trifluoroacetylacetonate in p-dioxane and acetonitrile at room temperature. 11 p1803 A67-24833
- KELLEY, A.
Stability of the center-stable manifold. 14 p2345 A67-28906
On the Liapounov subcenter manifold. 17 p2877 A67-32558
- KELLEY, A. P.
Emergency lift and autorotational boost systems for single engine helicopters. [AHS PAPER 116] 16 p2598 A67-31832
- KELLEY, C. R.
Predictor displays - Better control for complex manual systems. 20 p3447 A67-36840
- KELLEY, G. G.
Elimination of ambipolar potential-enhanced loss in a magnetic trap. 17 p2909 A67-33116
- KELLEY, H. J.
An accelerated gradient method for parameter optimization with non-linear constraints. 01 p0104 A67-10428
An accelerated gradient method for parameter optimization with nonlinear constraints. [AAS PAPER 66-118] 07 p1217 A67-19977
- KELLEY, H. L., III
Sonic booms - Ground damage - Theories of recovery. 05 p0930 A67-16772
- KELLEY, J. G.
Interferometer for shock tube. 02 p0247 A67-12688
Improved driver chamber for arc driven shock tube. 14 p2293 A67-28749
- KELLEY, J. H.
Mariner IV midcourse propulsion system impulse and accuracy prediction. [AIAA PAPER 66-948] 02 p0304 A67-12282
Mariner IV midcourse propulsion system impulse and accuracy prediction. 21 p3712 A67-37797
Performance of a Mars soft lander with staged propulsion. [AIAA PAPER 67-987] 24 p4246 A67-43059
- KELLEY, J. J., JR.
Comparison of an electrochemical and a colorimetric determination of ozone. 03 p0413 A67-13931
- KELLEY, K. J.
Open microwave resonators for ionized wake measurement. 11 p1790 A67-24452
- KELLEY, M. J.
Thermal conductance of metallic contacts in a vacuum. [AIAA PAPER 65-661] 03 p0534 A67-13067
- KELLEY, P. L.
Observation of degenerate stimulated four-photon interaction and four-wave parametric amplification. 05 p0844 A67-16379
Possibility of self-focusing due to intensity dependent anomalous dispersion. 05 p0819 A67-16649
- KELLEY, R. W.
Instrumentation for accelerometer shock calibration. 12 p1943 A67-25708
Calibration of shock accelerometers. 23 p4003 A67-41335
- KELLIHER, J. J.
Research aspects of the communication satellite program. 14 p2269 A67-28455
- KELLINGTON, C. M.
Measurement of the room temperature R sub 1 line width of forty-two rubies. 10 p1662 A67-22741
- KELLOGG, E. M.
A zero-crossing pulse shape discriminator for space applications. 12 p1945 A67-25857
Directional neutron detector for rocket and satellite experiments. 12 p1945 A67-25860
- KELLOGG, L. G.
SNAP 8 reactor bearing development. [ASLE PAPER 66AM 7A1] 08 p1335 A67-21034
- KELLOGG, R. B.
A numerical solution for axially symmetrical and plane elasticity problems. 22 p3908 A67-39290
- KELLOGG, R. S.
Lack of response to thermal stimulation of the semicircular canals in the weightless phase of parabolic flight. 15 p2428 A67-29277
The gravito-inertial accelerative forces acting on the vestibular organs during locomotion at lunar and earth gravity. 23 p3953 A67-41584
- KELLS, K. E.
Transient radiation response mechanisms in microelectronics. 04 p0589 A67-15721
Microcircuit hardening study. 04 p0590 A67-15722
- KELLY, A.
Theory of strengthening of metals. 11 p1807 A67-24635
The theoretical strengths of crystals and the tip of a crack. 11 p1880 A67-25090
Tensile properties of fibre-reinforced metals - Fracture mechanics. 20 p3464 A67-36417
High strength materials. 20 p3469 A67-37248
The nature of composite materials. 20 p3475 A67-37714
- KELLY, A. J.
A critical review of the state-of-the-art of the MPD thruster. [AIAA PAPER 67-688] 21 p3693 A67-38719
- KELLY, C. M.
Post Echo II passive communication satellites and systems. [AIAA PAPER 66-312] 06 p0961 A67-17702
- KELLY, D. L.
Reusable aerospace transports. 03 p0519 A67-13791
- KELLY, J. G., JR.
Continuous measurement of shock and contact discontinuities velocity. 18 p3020 A67-34105
- KELLY, J. J.
Guidance system stability as affected by vehicle systems interaction. 22 p3907 A67-40194
- KELLY, J. L.
A tropospheric scatter test program. 02 p0202 A67-12126
- KELLY, J. R.
Detonation wave in electromagnetic field. 18 p3086 A67-33825
- KELLY, P. S.
Opacity of high-temperature air. 20 p3485 A67-36930
- KELLY, R. D.
Errors in analog data reduction equipment. [SAE PAPER 660716] 01 p0028 A67-10605
- KELLY, T. J.
A quantitative evaluation of constrained-layer damping. [ASME PAPER 67-VIBR-26] 11 p1872 A67-24184
Apollo Lunar Module mission and development status. [AIAA PAPER 67-863] 24 p4244 A67-42987
- KELM, S.
Diagnostics of a nonequilibrium plasma for an MHD converter /Diagnostik eines

- Nichtgleichgewichtsplasmas fuer MHD-Wandler/. 04 p0553 A67-14580
Determination of normal temperatures for nonthermal plasmas /Bestimmung von Normtemperaturen fuer nichtthermische Plasmen/. [DVL-644] 09 p1536 A67-21557
- KELMAN, V. M.
Concerning the electromagnetic mechanism of acceleration of cosmic rays. 02 p0311 A67-12586
- KELNER, S. R.
Bremsstrahlung due to the collision of a muon with an electron at rest /Tormoznoe izluchenie pri stolknoventi mluona s pokolashchimsia elektronom/. 24 p4194 A67-42880
- KELNER, T. R.
Natural oscillations of cylindrical resonators with a magnetoactive plasma /O sobstvennykh kolebaniakh tsilindricheskikh rezonatorov s magnitnoaktivnoi plazmoi/. 19 p3299 A67-36019
- KELOV, K.
Experimental investigation of the transformation of laser radiation by optical systems /Eksperimental'noe issledovanie preobrazovanlia lazernogo izlucheniia opticheskimi sistemami/. 23 p4011 A67-40724
- KELSEY, R. H.
Tension testing alumina whiskers. 10 p1669 A67-23326
- KELSO, J. R.
M effect in the gas-phase recombination of O with O sub 2. 18 p3082 A67-34030
- KELZON, A. S.
Qualitative investigation of trajectories in proportional navigation. 08 p1351 A67-20830
- KEMMERER, W. W.
Lunar Receiving Laboratory. 07 p1164 A67-20021
Biological contamination control concepts for the lunar receiving laboratory. 23 p3961 A67-40845
- KEMP, E. D. G.
Studies of exhaust gas recirculation for VTOL aircraft. [AIAA PAPER 67-439] 18 p2985 A67-33916
- KEMP, R. F.
Mercury discharge devices and technology. [AIAA PAPER 67-669] 21 p3691 A67-38703
- KEMPE, N.
Modes of oscillation of the semiconductor oscillator. 15 p2450 A67-29814
- KEMPE, V.
Double-pumped low-noise parametric down-converter. 17 p2824 A67-32315
Parametric amplification principle for the realization of highly selective low-noise systems in the microwave range /Parametrisches Verstaerkungsprinzip zur Realisierung hochselektiver, rauscharmer Systeme im Mikrowellenbereich/. 22 p3767 A67-39370
- KEMPE, W.
K-Ar-age determinations on iron meteorites. I - The isotopic composition of primary potassium /K-Ar-Altersbestimmungen an Eisenmeteoriten. I - Die Isotopenzusammensetzung des primären Kaliums/. 02 p0326 A67-12044
- KEMPER, D. R.
Measurement of piezoelectric accelerometer capacitance. 12 p1947 A67-26186
- KEMPERT, W.
The application of the PERT method in the development of the third stage of the ELDO-A rocket /Die Anwendung der PERT-Methode bei der Entwicklung der III. Stufe der ELDO-A-Rakete/. 16 p2783 A67-31632
- KEMPNER, J.
Long cylindrical shell under loads applied to a reinforcing ring. 21 p3727 A67-38871
- KEMPTER, C. P.
Temperature dependence of Young's modulus of a Ta-W-Hf alloy. 12 p1954 A67-25141
- KENDALL, B. R. F.
Mass spectrometry without ions. 20 p3378 A67-37499
- KENDALL, D. L.
Lithium doped radiation resistant silicon solar cells. 23 p3941 A67-41527
- KENDALL, D. N.
Semiconductor surface thermocouples for determining heat-transfer rates. 18 p3048 A67-34103
- KENDALL, E. G.
Hypereutectic carbides highly resistant to thermal shock. 11 p1809 A67-25004
- High-temperature materials. 22 p3824 A67-40333
- KENDALL, J.
Summary of gaseous nuclear rocket fluid mechanics research. [AIAA PAPER 67-500] 18 p3076 A67-33964
- KENDALL, P. C.
The computation of the magnetic field of any axisymmetric current distribution - With magnetospheric applications. 04 p0617 A67-15535
Magnetoplasma diffusion at F2-region altitudes. 16 p2866 A67-31402
The significance of the multiple structure of the auroral arc. 18 p3035 A67-33598
- KENDALL, P. E.
Cryogenic quality meter. 05 p0842 A67-16540
- KENDALL, R. M.
Nonsimilar solution of the multicomponent laminar boundary layer by an integral matrix method. [AIAA PAPER 67-218] 06 p0988 A67-18364
A multicomponent boundary layer chemically coupled to an ablating surface. [AIAA PAPER 65-642] 14 p2297 A67-28108
- KENDALL, R. T.
Techniques for space and hypersonic flight escape /Paracone/. 17 p2794 A67-32001
- KENDERDINE, S.
A survey of radio sources and background radiation at sub 3 8 Mc/s. 01 p0151 A67-10966
The operation of the Cambridge one-mile diameter radio telescope. 02 p0322 A67-11584
Some observations of weak radio sources with the Cambridge one-mile telescope. 04 p0698 A67-14808
Radio emission from the sources 3C 225 and 3C 267. 20 p3521 A67-36296
- KENDIG, A. P.
Influence of nonuniformities, thermal diffusion, boundary layers and finite reaction rates in nonequilibrium J X B devices. [AIAA PAPER 67-715] 21 p3673 A67-38741
- KENDRICK, J. B.
The use of high-energy upper stages for space research. 08 p1412 A67-21075
- KENDRICK, L. E.
Total asymptotic stability by nonlinear compensation. 13 p2086 A67-28415
- KENESHEA, T. J.
The role of nitric oxide in the sunrise E-region. 19 p3216 A67-35191
- KENGER, A.
Utilization of an ultrasonic fatigue damage indicator for inspection and design. 01 p0185 A67-11362
- KENGLA, C. A.
An adaptive twelve-channel multiplexer. 06 p0960 A67-17676
- KENIG, M. J.
Shock waves produced by small stress increments in annealed aluminum. [ASME PAPER 66-WA/APM-3] 05 p0909 A67-16143
- KENKNIGHT, C. E.
Parameters of the optical properties of the lunar surface powder in relation to solar-wind bombardment. 16 p2753 A67-31744
- KENNARD, D. C., JR.
Environmental technology - How are we doing/ques/. 17 p2834 A67-32592
- KENNEDY, A. J.
The potential of composite materials. 11 p1807 A67-24638
New aspects of dislocation theory. 13 p2132 A67-26695
- KENNEDY, C. A.
Vacuum heat treatment of CdS single crystals. 07 p1237 A67-20179
- KENNEDY, J. B.
Linear and nonlinear analyses of skewed plates. 17 p2958 A67-32407
Influence of Poisson's ratio on maximum stress in thin parallelogrammic panels. 22 p3911 A67-39666
- KENNEDY, J. K.
Continuous horizontal zone refining apparatus. 02 p0247 A67-12691
- KENNEDY, J. R.
Laser welding of aerospace materials. 09 p1505 A67-22147
Weldability of titanium alloy sheets 6Al-6V-2Sn and 8Al-1Mo-1V. 09 p1520 A67-22621
A system for time-sharing graphic consoles. 19 p3188 A67-36060
- KENNEDY, L. A.
Radiant heating of a rotating thick-walled spherical satellite. 05 p0906 A67-17368
Thermal radiation effects in laminar boundary-layer flow. 21 p3732 A67-38878
Solar radiant heating of a rotating solid cylinder. 24 p4255 A67-42482
- KENNEDY, W. A. G.
2700 Mc/s radio observations of the sun during the total eclipse of July 20, 1963. [AD-642483] 18 p3133 A67-34487
- KENNEDY, W. K., JR.
High power pulsed microwave generation in gallium arsenide. 11 p1767 A67-24721
- KENNEDY, W. T.
Low-current beam-plasma experiments with a bearing on turbulence. 01 p0126 A67-11311
- KENNEL, C.
Low-frequency whistler mode. 05 p0857 A67-17426
- KENNEL, C. F.
Resonant particle instabilities in a uniform magnetic field. 08 p1359 A67-20897
Resonantly unstable off-angle hydromagnetic waves. 08 p1359 A67-20898
Velocity space diffusion from weak plasma turbulence in a magnetic field. 08 p1360 A67-21123
Quasi-trapped VLF propagation in the outer magnetosphere. 08 p1327 A67-21462
Unstable growth of unducted whistlers propagating at an angle to the geomagnetic field. 08 p1328 A67-21463
Collisionless shock waves in high beta plasmas. I, II. 17 p2901 A67-32528
- KENNEL, H. F.
Initial alignment of a strapdown inertial reference and navigation system. [AIAA PAPER 67-556] 19 p3257 A67-35953
- KENNER, P. M.
Analysis of tip-off motion due to multi-spring separation of two spinning bodies. 08 p1405 A67-20506
- KENNERUD, K. L.
Electrical characteristics of silicon solar cells at low temperatures. 18 p2989 A67-34101
Environmental testing of thin-film solar cells. 23 p3937 A67-41496
- KENNETH, P.
Two-point boundary-value-problem techniques. 06 p0974 A67-17923
- KENNEY, J. F.
Hydromagnetic emissions at the geomagnetic poles. 01 p0060 A67-10892
Experimental evaluation of various rigidity models. [AFCLR-67-0099] 04 p0693 A67-14961
An experimental evaluation of various rigidity models. 13 p2192 A67-27245
A systematic study of structured micropulsations. 15 p2476 A67-29619
Proton densities in the magnetosphere from pearl dispersion measurements. 21 p3617 A67-38127
- KENNISON, R. G.
Theoretical analysis of flow-induced vibration of a blade suspended in a flow channel. [ASME PAPER 66-WA/NE-1] 04 p0712 A67-15372
- KENNY, A. D.
Action of thyrocalcitonin in the teleost fish Ictalurus melas. 20 p3372 A67-37277
- KENNYEY, J. F.
IPDP events and their generation in the magnetosphere. 22 p3789 A67-39497
- KENS, K.
Antonov An-24V /Antonow An-24W/. 06 p0944 A67-17597
- KENT, C. E.
The magnesium-air cell. 09 p1445 A67-22187
- KENT, G. S.
Some high frequency observations of equatorial sporadic-E irregularities. 03 p0406 A67-12823
Some studies of night-time F-layer irregularities at the equator using very high frequency signals radiated from earth satellites. 03 p0407 A67-12828
A model for the interpretation of ionospheric drifts measurements. 03 p0407 A67-12831
High altitude atmospheric scattering of light from a laser beam. 07 p1171 A67-19419
Optical radar evidence for atmospheric dust layers around 85 km altitude. 13 p2109 A67-26333
A laser radar for atmospheric studies. 13 p2072 A67-27609
Some studies of night-time F-layer irregularities at the equator using very high frequency signals radiated from earth satellites. [AGARDOGRAPH 95] 15 p2482 A67-30290

- KENTFIELD, J. A. C.
Nozzles for jet-lift V-STOL aircraft. 17 p2928 A67-32569
- KENTZER, C. P.
Instability of numerical solutions of the steady, supersonic blunt-body problem. 12 p1893 A67-25932
- KENWORTHY, M. J.
New techniques for supersonic combustion measurements. [AIAA PAPER 67-223] 06 p1004 A67-18462
- KEOHANE, E. L.
The design of a radar beam steering phase array remote storage unit using a universal complementary MOS master chip array. 18 p3015 A67-34563
- KEPLIN, E. J.
High-temperature thermal expansion of certain group IV and group V diborides. 10 p1697 A67-23380
- KEPPLER, R. J.
The effects of the sterilization environment on the design of structural systems for planetary landers. 10 p1714 A67-23758
- KEPPLER, R. K.
The split-vee tester - A rolling-contact fatigue specimen tester. [ASME PAPER 67-LUBS-3] 16 p2676 A67-31381
- KEPPLER, E.
Energy variations of auroral electrons according to balloon measurements. 10 p1702 A67-23305
Rocket experiment for the investigation of auroras /Raketenexperiment zur Untersuchung von Nordlichtern/. 23 p3997 A67-41333
- KER, R. A. C.
Survey of techniques for the evaluation of the fire resistance properties of aviation hydraulic fluids. 09 p1521 A67-22250
- KERACHEV, P. P.
Investigation of the generation of rho super plus and n super ' super plus super plus resonances in the pi super plus p goes to pi super plus p pi super 0 reaction at a pi super plus -meson momentum of 2.34 GeV/c /Issledovanie rozhdeniya rezonansov rho super plus i n super ' super plus super plus v reaktsepi pi super plus p goes to pi super plus p pi super 0 pri impul'se pi super plus -mezonov 2,34 GeV/c. 24 p4193 A67-42856
- KERAMIDAS, B. G.
A model for the CdS solar cell. 08 p1285 A67-20729
A model for the CdS solar cell. 10 p1596 A67-23164
Further considerations on the model for the CdS solar cell. 23 p4046 A67-41486
- KERBLAI, T. S.
Variations of maximum electron concentration in the F sub 2-layer with solar activity. 07 p1178 A67-19818
Calculation of the maximum usable frequency in the presence of a horizontal ionospheric inhomogeneity /Raschet MPCh pri nalichii gorizonta'noi neodnorodnosti ionosfery/. 10 p1604 A67-22794
Dependence of the E sub s layer on solar activity. 12 p1933 A67-25545
Dependence of f sub 0 E sub s on absorption intensity /Zavisimost' f sub 0 E sub s ot velichiny pogloshcheniya/. 14 p2308 A67-27935
Computation of MUF in the presence of a horizontal ionospheric inhomogeneity. 24 p4120 A67-42130
- KERECMAN, A. J.
Gas-discharge laser detector. 23 p4012 A67-40894
- KERFOOT, R. E.
Mechanical impedance tested for large, complex structures. 08 p1422 A67-21285
- KERIMOV, I. G.
Electrical properties of the antiferromagnetic semiconductor MnTe /Elektricheskie svoystva antiferromagnitnogo poluprovodnika MnTe/. 12 p1982 A67-25326
Thermal capacity of gallium selenide and thallium selenide /Teploemkost' selenida galliya i selenida talliya/. 13 p2174 A67-26367
Specific heat of gallium selenide and thallium selenide. 21 p3680 A67-38323
- KERIMOV, R. I.
Plastic zone expansion near a circular hole in a plate under pure shear /Rasprostraneniye plasticheskikh zon vozkruzhnogo otverstiya v plastine pri chistom sdvige/. 02 p0337 A67-11845

- KERIMOVA, E. M.
About a group of three component compounds being analogous to binary semiconductors of the A super III B super VI type. 21 p3687 A67-39144
- KERIMOVA, T. G.
Infrared absorption of A super III B super VI single crystals. 04 p0676 A67-14932
- KERKHOVEN, M. A.
Zinc and sulfur as rocket fuel, II /Zink en zwavel als raketbrandstof. II/. 24 p4206 A67-42579
- KERLEY, J. J.
Economic trends and their potential impact on the future investment climate for airline securities. 19 p3349 A67-34979
- KERLIN, E. E.
Measured effects of various combinations of nuclear radiation, vacuum, and cryotemperatures on aerospace adhesives. 15 p2508 A67-29560
- KERLINS, V.
Special fractographic techniques for failure analysis. [ASTM PAPER 44] 18 p3145 A67-34581
- KERMAN, K.
Coating of semiconductor substrates. 12 p1916 A67-25986
- KERN, C. D.
Interferometric determination of the spectral infrared emissivities of terrestrial surfaces. 22 p3805 A67-40354
- KERN, D. Q.
Fin efficiency of compact heat exchanger stacks. [ASME PAPER 66-WA/HT-47] 04 p0724 A67-15432
- KERN, J. W.
The magnetosphere. 20 p3430 A67-36903
- KERN, R.
Growth mechanisms and crystalline quality of diamond type compounds and crystals in the III-V and II-VI groups /Mecanismes de croissance et qualite cristalline des composés du type diamant et des cristaux des groupes III-V et II-VI/. 13 p2177 A67-27009
- KERN, R. D.
Ethylene-oxygen reaction in shock waves. 20 p3376 A67-36232
- KERN, S.
On the theory of stimulated Brillouin scattering with Stokes feedback. 05 p0823 A67-16683
- KERNER, R.
Test results of an all-mechanical flight control system utilizing a cascade toroidal servo. [SAE PAPER 670269] 12 p1895 A67-25867
- KERNICK, A.
Development and application of low-noise 6.5 percent Si-Fe sheet. 13 p2178 A67-27139
- KERNOHAN, R. H.
The current carrying capacity of a hard superconducting wire in zero external field. 03 p0488 A67-12815
- KERNS, D. M.
Basic theory of waveguide junctions and introductory microwave network analysis. 20 p3399 A67-36950
- KERPS, D.
The quantum efficiency of electroluminescence in gallium arsenide diodes. 10 p1614 A67-23524
- KERR, D. M., JR.
Helical instability in a Penning discharge. 08 p1362 A67-21146
- KERR, F. J.
The forthcoming series of galactic center occultations. 17 p2945 A67-32646
- KERR, J. P.
An integrating pyranometer for climatological observer stations and mesoscale networks. 21 p3628 A67-38580
- KERR, J. R.
Microwave-bandwidth optical receiver systems. 24 p4123 A67-42805
- KERREBROCK, J. L.
Segmented electrode losses in MHD generators with nonequilibrium ionization. 01 p0014 A67-11159
A large non-equilibrium MHD generator. 16 p2802 A67-30556
- KERRISK, D. J.
Electric propulsion systems for primary spacecraft propulsion. [AIAA PAPER 67-424] 18 p3111 A67-33908
- KERSHNER, R. B.
Status of the Navy Navigation Satellite System. 19 p3255 A67-35638

- KERSLAKE, D. MCK.
Assessment of the sensible heat transfer properties of conditioned clothing. 02 p0188 A67-12346
- KERSLAKE, W. R.
The distribution of neutral atoms and charge-exchange ions downstream of an ion thruster. [AIAA PAPER 67-82] 06 p1075 A67-18498
Experimental mercury bombardment thruster at submillipound thrust. [AIAA PAPER 66-247] 10 p1698 A67-23120
Experimental evaluation of a two-directional electron-bombardment ion thruster. [AIAA PAPER 66-284] 12 p1990 A67-25891
SERT II experimental thruster system. [AIAA PAPER 67-700] 21 p3693 A67-38728
- KERSTEN, R.
Pulse terminal devices /Puls-Endgeraete/. 07 p1150 A67-19341
- KERT, J.
Exploration of the magnetosphere by analysis of high altitude nuclear weapons test data. 22 p3792 A67-39932
- KERVIN, C.
Non-Chapman-like behaviour of the F1-layer. 22 p3789 A67-39478
- KERWIN, L.
Electron transfer to multiply charged ions of Ar, N sub 2, N, and O sub 2. 13 p2167 A67-26989
- KES, P. H.
The irreversible behaviour of superconducting niobium wires. 20 p3511 A67-37240
- KESAMANLI, F. P.
Study of the electrical properties of InAs and a super II B super IV C super V sub 2-compound-based solid solutions /Doslidzhennia elektrichnikh vlastivostei tvordikh rozhniny na osnovi InAs i spolkov a super II B super IV C super V sub 2/. 16 p2732 A67-31480
- KESAMANLY, F. P.
Magneto-optical study of the InSb conduction band. 01 p0128 A67-10095
Transfer effects in p-type gallium arsenide crystals /Effekty perenosa v kristallakh arsenida galliya p-tipa/. 03 p0491 A67-13174
Semiconducting A super II B super IV C super V sub 2 compounds. 16 p2725 A67-30801
IR reflection spectra in indium arsenide crystals /Spektry infrakrasnogo otrazheniya v kristallakh arsenida indiya/. 19 p3306 A67-35705
- KESHELASHVILI, D. SH.
Investigation of the penetrating component of cosmic rays at a depth of 130 mwe /Issledovanie pronikalushchei komponenty kosmicheskikh luchei na glubine 130 m v. e./. 24 p4222 A67-42878
- KESLER, O. B.
Nonreciprocal tunnel diode distributed amplifier. [AFOSR-67-1406] 13 p2079 A67-26876
Radiation of an antenna in a compressible magnetoplasma. 20 p3388 A67-37701
- KESLING, P. H.
Failure safety in V-STOL operations. [SAE PAPER 670349] 17 p2798 A67-32991
V-STOL and STOL for short-haul transportation. [AIAA PAPER 67-941] 24 p4097 A67-43031
- KESSEL, P. G.
Response of elastic rods, strings, and torsional members to accelerating loads. 14 p2399 A67-28140
- KESSEL, S.
Stress functions of the Cosserat-continuum /Die Spannungsfunktionen des Cosserat-Kontinuums/. 22 p3837 A67-40007
- KESSELMAN, P. M.
Second virial coefficient for interactions of atoms having unfilled electron shells /Vtoroi virial'nyi koeffitsient dlia vzaimodelstviy atomov s nezapolnennymi elektronnyimi obolochkami/. 07 p1225 A67-19122
- KESSELRING, J. P.
The use of preformed solid particles in colloidal propulsion. [AIAA PAPER 67-727] 21 p3688 A67-38751
- KESSLER, A.
The transmission equivalence of band filters with stagger tuning and feedback /Die Uebertragungsaquivalenz verstärkter und gegengekoppelter Bandfilter/. 24 p4129 A67-42206

- KESSLER, H.**
Surface aspects of the thermal degradation of GaAs p-n junction lasers and tunnel diodes. 04 p0585 A67-15620
- KESSLER, H. K.**
Fermi controlled recombination as a junction design factor in GaAs laser diodes. 05 p0826 A67-17280
Optical power increase in GaAs laser diodes coated with reflecting aluminum silicone mixture. 07 p1196 A67-19794
- KESSLER, R. W.**
Production of a fast beam of argon atoms by means of a plasma burner /Erzeugung eines schnellen Argonatomstrahls mit einem Plasmabrenner/. 24 p4198 A67-42576
- KESSLER, S. W.**
Review of fossil-fuel-fired thermionic energy converters. 09 p1448 A67-22341
- KESSLER, T. J.**
Two-stream mixing with finite initial boundary layers. 06 p0992 A67-18880
Reattachment of two-dimensional supersonic turbulent flows. [ASME PAPER 67-FE-20] 14 p2305 A67-28367
Color schlieren studies of transient flows with high speed motion picture photography. 20 p3445 A67-36537
- KESTENS, J.**
Maxwell-Green elasticity tensors /Les tenseurs de Maxwell-Green en elastite/. 02 p0336 A67-11482
- KESTER, J. D.**
Designing the JT9D engine to meet low noise requirements for future transports. [SAE PAPER 670331] 17 p2929 A67-32984
- KESTIGIAN, M.**
Temperature-dependent Nd fluorescence parameters and laser thresholds. 01 p0091 A67-11085
Quenching of the Tb super 3 super plus fluorescence by other rare-earth ions in aqueous chloride solutions. 23 p3971 A67-40974
- KESTIN, J.**
New type of longitudinal vortex in flow around a cylinder - Influence of the angle of attack and the turbulence of the free flow /Sur un nouveau type de tourbillons longitudinaux dans l'écoulement autour d'un cylindre - Influence de l'angle d'attaque et de la turbulence du courant libre/. 04 p0548 A67-15493
Measurement of local coefficients of forced convection /Mesure du coefficients locaux de convection forcee/. 05 p0790 A67-16034
Application of the principles of thermodynamics to the description of deformed materials /O zastosowaniu zasad termodynamiki do opisu materialow odkształconych/. 12 p1938 A67-26197
Viscosity of three binary gaseous mixtures. 18 p3161 A67-34522
The transfer of heat across a two-dimensional, oscillating boundary layer. 23 p4082 A67-41243
- KESTLE, W. R.**
An econometric analysis of an educational TV distribution system. [AIAA PAPER 66-321] 06 p1120 A67-17710
- KETCHMAN, J. J.**
A random intact reentry and earth burial study for radioisotope thermoelectric generators. 24 p4241 A67-42559
- KETOLA, H. N.**
Theory of the partially wetted rotating disk. 10 p1659 A67-22708
- KETTER, D. J.**
Flutter of flat, rectangular, orthotropic panels. 05 p0924 A67-17350
- KETTLEBOROUGH, C. F.**
Poiseuille flow with variable fluid properties. [ASME PAPER 66-WA-FE-22] 23 p3989 A67-40930
- KEVER, H.**
Steady, oblique, nonlinear waves in a warm collision-free plasma. 05 p0857 A67-17425
- KEVORKIAN, J.**
The two variable expansion procedure for the approximate solution of certain nonlinear differential equations. 06 p1022 A67-17789
Satellite motion for all inclinations around an oblate planet. 08 p1382 A67-20398
- KEY, R. E.**
Electron beam welding of D6AC steel. 01 p0080 A67-10946
Electron beam welding of D6AC steel in the heat-treated condition. 20 p3456 A67-37695
- KEYES, J. W.**
Effect of forward-facing jets on aerodynamic characteristics of blunt configurations at Mach 6. 11 p1742 A67-24354
- KEYS, L. K.**
Magnetic studies of the semiconductor to metal transitions in Ti sub 3 O sub 5 and Ti sub 2 O sub 3. 01 p0132 A67-10376
- KEYSER, H. F.**
Critical aspects of implementing reusable booster concepts. 15 p2569 A67-29850
- KEYWELL, F.**
Charge collection in silicon detectors operated with field region less than range of alpha or beta particles. 22 p3797 A67-39345
- KEZIOS, S. P.**
Laminar heat transfer between parallel planes with relative motion and pressure gradient. 04 p0729 A67-15808
Radiative heat transfer through openings of variable cross sections. 04 p0738 A67-15870
- KHABAKHPASHEVA, E. M.**
Experimental study of the turbulence buildup in a structurally viscous fluid flow /Eksperimental'noe issledovanie vozniknoveniia turbulentnosti pri techenii struktorno-viazkikh zhidkostei/. 14 p2305 A67-28801
- KHACHATRIAN, A. A.**
Theory of multimodulus elasticity /K raznomodul'noi teorii uprugosti/. 06 p1106 A67-18624
Some problems of zero-moment theory for shells of materials having anisotropic moduli /Nekotorye zadachi bezmomentnoi teorii obolochek, izgotovlennykh iz raznomodul'nogo materiala/. 11 p1878 A67-24860
Zero-moment theory for shells made of material with diverse tensile strength and compression strength /Bezmomentnaya teoriia obolochek, izgotovlennykh iz materiala, raznosoprotivlialushchegosia rastiazheniu i szhatiu/. 12 p2020 A67-25569
- KHACHATURIANTS, L. S.**
Questions concerning the evaluation of the efficiency of astronauts /according to data obtained from Voskhod 1 and 2 flights/ /Voprosy otsenki rabotosposobnosti kosmonavtov /po materialam poletov "Voskhod-1, 2"/. 16 p2618 A67-30780
- KHACHIKIAN, V. S.**
Preliminary results of a study of the cosmic-ray distribution in the Eastern part of the USSR by a SIBIZMIR expedition /Predvaritel'nye rezul'taty issledovaniia ekspeditsiei SibIZMIR raspredeleniia kosmicheskikh luchei v vostochnoi chasti SSSR/. 23 p4060 A67-41138
- KHACHKURUZOV, G. A.**
Errors in the thermodynamic functions of ideal gases, determined from molecular data /O pogreshnostiakh termodinamicheskikh funktsii ideal'nykh gazov vychislennykh po molekularnym dannym/. 03 p0536 A67-13607
Errors in the thermodynamic functions calculated for ideal gases from molecular data. 18 p3161 A67-34472
- KHADAKHANOVA, T. S.**
Annual variations of the neutron component of cosmic rays and the temperature effect /Godovye variatsii neutronnoi komponenty kosmicheskikh luchei i temperaturnyi effekt/. 02 p0307 A67-11666
Annual variations of the neutron component of cosmic rays and the temperature effect. 16 p2738 A67-31081
Temperature effect of the neutron component /O temperaturnom effekte neutronnoi komponenty/. 17 p2933 A67-32088
Planetary distribution of cosmic-ray intensity and the temperature effect /Planetarnoe raspredelenie intensivnosti kosmicheskikh luchei i temperaturnyi effekt/. 17 p2933 A67-32090
- KHADJAVI, A.**
Electric-field level-crossing spectroscopy. 06 p1035 A67-17830
- KHADSHI, P. I.**
Infrared absorption by excitons due to photolocalization and intraband lattice scattering. 09 p1552 A67-21670
- KHADZHIMUKHAMEDOV, KH. KH.**
Scattering of alkali ions from the surface of tungsten single crystals /Rasseliianie shchelochnykh ionov poverkhnosti'u monokristalla vol'frama/. 06 p1036 A67-18424
- KHAENKO, B. V.**
Study of the structure of the ordered solid solution in an alnico-titanium alloy /Izuchenie struktury uporiadocheniia tverdogo rastvora v splave al'niko s titanom/. 02 p0254 A67-11864
Use of X-rays to study the atomic scattering factors of the components of titanium carbide and the defect concentration of its structure. 07 p1208 A67-19306
Structural X-ray diffraction study of the compound Ni sub 3 Al alloyed with Ti, Cr and W. 20 p3467 A67-37116
- KHAIKIN, A. S.**
Investigation of collisions with excited atoms in gas lasers. 09 p1513 A67-22067
- KHAIKIN, B. I.**
Theory of thermal expansion of a chemical reaction front /K teorii teplovogo rasprostraneniia fronta khimicheskoi reaktsii/. 07 p1287 A67-19310
- KHAIKIN, M. I.**
Solvability of the problem of parallel-wall cavitation flow past a curved obstacle. 04 p0606 A67-15195
- KHAIKIN, S. E.**
Effect of the atmosphere on the characteristics of radio telescopes of maximally large dimensions. 07 p1158 A67-20241
The use of methods of control of the surface of optical telescopes for the adjustment of pencil-beam radio telescopes. 07 p1189 A67-20244
- KHAIKOV, A. Z.**
Energy relations for a klystron amplifier with double interaction in the output circuit /Energeticheskie sootnosheniia v klistronnom usiliteli pri dvoimom vzaimodelstvii v vykhodnoi tsepi/. 02 p0222 A67-12531
Energy relations in a klystron amplifier with double interaction in the output system. 14 p2279 A67-28008
Stability of a klystron amplifier during a double interaction in the output circuit /Ustoiichivost' klistronnogo usilitelia pri dvoimom vzaimodelstvii v vykhodnoi tsepi/. 24 p4129 A67-42193
- KHAIMOV-MALKOV, V. IA.**
Influence of block structure and slip planes on the divergence of the laser radiation of ruby crystals. 21 p3642 A67-38968
- KHAIRULLIN, R. G.**
Selection of basic parameters and the calculation of specific characteristics for cooled aircraft engines /K vyboru osnovnykh parametrov i raschetu udel'nykh pokazatelei okhlazhdaemykh aviatsionnykh dvigatelei/. 04 p0690 A67-15896
Energy losses in gas turbines due to air bleeding for cooling purposes /Poteri energii v gazoturbinnnykh ustanovkakh, svyazannye s otborom vozdukh na okhlazhdeniie/. 14 p2377 A67-28648
- KHAIRULLINA, A. IA.**
On the determination of the extinction coefficient of turbid media. 07 p1221 A67-20007
- KHAITMAN, E. N.**
Optimal reception in the absence of a priori information on the statistical noise properties. 10 p1607 A67-23457
- KHAIUTIN, S. G.**
Peculiarities in the plastic deformation of indium and its alloys /Osobennosti plasticheskoi deformatsii india i ego splavov/. 02 p0255 A67-11869
- KHALDEEVA, I. V.**
Investigation of the properties of muons at a depth of 200 mwe by means of a spark calorimeter /Issledovanie iskovrym kalorimetrom svoistv mu-mezonov na glubine 200 m v.e./. 24 p4222 A67-42879
- KHALFIN, V. B.**
Special feature of injection in heterojunctions /Ob odnoi osobennosti inzhetsii v geteroperekhodakh/. 03 p0490 A67-13154
- KHALIKOV, E. G.**
Existence of bounded solutions of second-order differential equations /K voprosu sushchestvovaniia ogranichennykh reshenii differentsial'nogo uravneniia vtorogo poriadka/. 07 p1214 A67-19180
- KHALILOV, KH. M.**
Setup for measuring the absorption coefficient and propagation rate of ultrasound in solids at frequencies from 4 to 100 MHz /Ustanovka dlia izmereniia koefitsienta pogloshcheniia i skorosti rasprostraneniia ul'trazvuka v tverdykh telakh v diapazone chastot 4-100

- Mgts/. 02 p0241 A67-11851
- KHALIMONOVA, I. M.**
Infrared absorptions by molecular ions introduced into the lattices of alkali-halide crystals /Infrachervone poglinannia molekuliarnimi ionami, vvedenimi v gratki luzhno-galodnikh kristallov/. 20 p3511 A67-37140
- KHALOUKPA, P.**
Position of the cosmic-ray equator in the region of the zero meridian during the period from 1956 to 1963 /Polozhenie ekvatora kosmicheskikh luchei v 1956-1963 g. v oblasti nulevogo meridiana/. 23 p4059 A67-41135
- KHAN, A. A.**
WKB approximation of the quantum radial distribution function applied to fluid neon. 06 p1038 A67-19044
- KHAN, I. H.**
Polymorphic transformation in epitaxial CdS films. 06 p1047 A67-17599
- KHANDELWAL, D. N.**
A technique of characterization and equivalent model construction of a class of non-linear systems. 12 p1919 A67-25285
- KHANDRIKH, K.**
Shock wave structure /K strukture udarnykh voln/. 04 p0604 A67-14747
- KHANDROS, L. G.**
Electron microscope investigation of the gamma' phase of Cu-Al-Ni alloys /Elektronnomikroskopicheskoe issledovanie gamma'-fazy splava Cu-Al-Ni/. 17 p2874 A67-32896
- KHANEVICH, V. A.**
Fiber laser without a resonator /Bezrezonatornyi volokonnyi lazer/. 08 p1337 A67-21203
- KHANGILDIN, U. V.**
Maps of radio brightness distribution over the solar disk at a wavelength of 8mm /Karty raspredeleniya radiolarkosti po disku solntsa na volne 8mm/. 08 p1401 A67-21353
- Maps of radio brightness distribution on the solar disk at 8 mm. 17 p2940 A67-31949
- KHANIN, M. V.**
Mechanism of destruction of polycrystalline graphite by erosion. 04 p0642 A67-15761
- Study of a gas flow near a rough surface /Issledovanie techeniya potoka gaza okolo sherokhovatoi poverkhnosti/. 06 p0991 A67-18815
- KHANINA, F. B.**
Correction of the orbits of 60 minor planets /Ispravlenie orbit 60 mal'nykh planet/. 20 p3522 A67-36618
- KHANKINA, S. I.**
Excitation of low-frequency waves in a semiconductor plasma in constant electric and magnetic fields. 18 p3102 A67-34442
- Excitation of surface electromagnetic waves in semiconductors. 20 p3504 A67-36163
- KHANNA, J.**
Comparison and evaluation of stiffness matrices. 04 p0709 A67-14813
- KHANNA, V. M.**
Thermodynamic properties and ordering in liquid NaK alloys. 21 p3733 A67-39106
- KHANOKH, B. IU.**
Method of calculating active photoelectric systems /O metodike rascheta aktivnykh fotoelektricheskikh sistem/. 08 p1331 A67-21055
- A method for designing active photoelectric systems. 22 p3797 A67-39417
- KHANONKIN, A. A.**
X-ray spectral analysis of the block structure of bent aluminum single crystals /Rentgenospektral'noe issledovanie blochnoi struktury izognutykh aluminievyykh monokristallov/. 17 p2874 A67-32895
- KHANSEVAROV, R. IU.**
Low-temperature gamma irradiation and annealing of indium antimonide. 04 p0680 A67-15283
- Study of isochronous and isothermal annealing of InSb irradiated by X rays and gamma rays /Issledovanie izokhronnogo i izotermicheskogo otzhiga InSb, obluchennogo rentgenovskimi i gamma-luchami/. 15 p2542 A67-30247
- On the nature of damages in indium antimonide produced by gamma-and X-irradiation. 21 p3687 A67-39143
- KHANZHINA, E. I.**
Calculation of a magnetogasdynamic flow in a channel with sectional electrodes /Raschet magnitogazodinamicheskogo techeniya v kanale s sektiionirovannymi elektrodami/. 06 p1043 A67-18675
- KHAPILOVA, N. S.**
Axisymmetric flow in a thin layer of liquid on the surface of a rotating body of revolution /Osesimmetrichnoe techenie v tonkom sloe zhidkosti na poverkhnosti vrashchalushchegosia tela vrashcheniya/. 06 p0991 A67-18817
- KHARABERUSH, V. P.**
A method of broadening the spectrum of RF-pulses of long duration by means of frequency modulation. 04 p0577 A67-15675
- KHARADLY, M. M. Z.**
Improved microwave refraction technique for measuring electron-density distribution in a transient plasma column. 19 p3295 A67-35517
- Oblique-incidence millimetre-wave plasma diagnostics. 20 p3496 A67-38311
- KHARAKHORIN, F. F.**
Gold diffusion in crystalline and glassy CdGeAs sub 2 samples /Diffuziya zolota v kristallicheskii i stekloobraznye obrabzty CdGeAs sub 2/. 19 p3301 A67-34778
- KHARASAKHAL, V. KH.**
Quasi-periodic solutions for sets of differential equations containing a small parameter /O kvaziperiodicheskikh resheniyakh sistem differentsial'nykh uravnenii, soderzhashchikh mal'nykh parametrov/. 04 p0643 A67-14660
- Quasi-periodic solutions of nonlinear systems of differential equations containing a small parameter /O kvaziperiodicheskikh resheniyakh nelineinykh sistem differentsial'nykh uravnenii, soderzhashchikh mal'nykh parametrov/. 22 p3827 A67-39304
- KHARATISHVILI, G. L.**
First-variation theory in extremal problems /Teoriya pervoi variatsii v ekstremal'nykh zadachakh/. 17 p2876 A67-32043
- KHARATISHVILI, N. G.**
The problem of transients in an oscillatory circuit containing an inductance coil with a magnetized core /K voprosu o perekhodnom protsesse v kolebatel'nom konture s podmagnichivayemy serdechnikomkatushki induktivnosti/. 01 p0037 A67-10544
- KHARCHENKO, L. M.**
Automation of the derivation of analytical expressions in the determination of gravitational perturbations in the motion of artificial earth satellites /Automatizatsiya vyvoda analiticheskikh vyrazhenii dlia opredeleniya gravitatsionnykh vozmushchenii v dvizhenii ISZ/. 09 p1467 A67-21885
- KHARCHENKO, V. N.**
The effect of coolant injection into turbulent boundary layers on heat transfer and friction. 03 p0536 A67-13526
- KHARCHENKO, V. V.**
Diffusion of impurities in epitaxial silicon layers /Diffuziya primesel v epitaksial'nykh plenkakh kremniya/. 21 p3881 A67-38361
- Evaluation of the properties of epitaxial silicon layers strongly alloyed with phosphorus /Otsenka svoystv epitaksial'nykh sloev kremniya, sil'no legirovannykh fosforom/. 21 p3881 A67-38362
- KHARE, S. P.**
Excitation of hydrogen molecules by electron impact. II. 04 p0662 A67-15767
- Excitation of hydrogen molecule by electron impact. III. 15 p2521 A67-30379
- The 5577/3914 angstrom units intensity ratio in auroras. 16 p2666 A67-31413
- KHARIN, S. N.**
Solution of the heat-conduction equation with discontinuous parameters and its application to the problem of electric contacts. 16 p2779 A67-31207
- KHARITONCHIK, A. E.**
Progressive buckling under conditions of thermal cycling /O progressivnushchem vypuchivani v usloviyakh teplosmen/. 05 p0913 A67-16193
- KHARITONOV, L. G.**
Maximum limiting value of uniform deformation by stretching /Nabolshee predel'noe znachenie ravnomernoi deformatsii pri rastizhenii/. 02 p0341 A67-12676
- KHARITONOVA, K. S.**
Study of the development of electromagnetic showers in lead /Izuchenie razvitiya elektromagnitnykh livnel v svintse/. 24 p4221 A67-42870
- KHARITONOVA, T. V.**
Equations of rotational motion of a gravitational satellite equipped with deformable stabilizers. 11 p1870 A67-24674
- KHARITONOVICH, M. V.**
X-ray investigation of the dimensions of the block structure of a metal deformed in an ultrasonic field /Rentgenograficheskoe issledovanie razmerov blochnoi struktury metalla, deformirovannogo v ul'trazvukovom pole/. 13 p2124 A67-27627
- KHARKHARDIN, E. D.**
Melting temperature of the ZrC-HfC, TaC-ZrC, and TaC-HfC systems /Temperatura plavleniya v sistemakh ZrC-HfC, TaC-ZrC, TaC-HfC/. 09 p1518 A67-21879
- KHARLAMOV, A. A.**
Electromechanical simulator of the vibrations of a wing with an aileron in an air stream /Elektromekhanicheskaya model' kolebaniy kryla s aileronom v potoke vozdukh/. 22 p3912 A67-39779
- KHARLAMOV, P. V.**
Congruence of the axes of a vortical motion /Kongruentsiya osel gvitovogo rukhu/. 21 p3611 A67-37905
- KHARLAMOVA, E. D.**
Method for investigating the reliability of complex logic-control systems by a statistical-analog technique /Ob odnom sposobe issledovaniya nadezhnosti slozhnykh sistem logicheskogo upravleniya metodom statisticheskogo modelirovaniya/. 23 p3985 A67-41670
- KHARLAMOVA, E. I.**
Some solutions of the problem of motion of a body with a fixed point. 01 p0114 A67-10990
- KHARTABROT, G.**
Controlled delay unit for discrete signals /Blok regul'ovanogo zapizniuvaniya dlia diskretnykh signalov/. 13 p2088 A67-26798
- KHARYBIN, A. E.**
Spectrum of AM sequences of video pulse packages /Spektr amplitudno-modulirovannoi posledovatel'nosti paketov videimpul'sov/. 07 p1140 A67-19233
- Transformation of the spectrum of an AM periodic sequence of video pulses by an inertial /peak/ detector /Preobrazovanie spektra amplitudno-modulirovannoi periodicheskoi posledovatel'nosti videimpul'sov inertsiionnym /pikovym/ detektorom/. 07 p1140 A67-19234
- KHASHCHAN, M.**
Distribution of the light field in the optical resonator of a Fabry-Perot type interferometer with nonparallel mirrors /Raspredelenie svetovogo polya vnutri opticheskogo rezonatora tipa interferometra Fabri-Pero s neparallelnymi zerkalami/. 17 p2853 A67-31925
- KHASHIMOV, G.**
Volt-ampere characteristics of a long diode with barrier rear contact /Vol't-ampernaya kharakteristika dlinnogo dioda s zapornym tylovym kontaktom/. 21 p3593 A67-38291
- KHASMINSKII, R. Z.**
Limiting theorem for solutions of differential equations with a random right-hand part /Predel'naya teorema dlia reshenii differentsial'nykh uravnenii so sluchainoi pravoi chast'yu/. 01 p0106 A67-10922
- Stability of nonlinear stochastic systems /Ob ustoiichivosti nelineinykh stokhasticheskikh sistem/. 02 p0267 A67-11958
- Stability of a linear system with random disturbances of its parameters. 11 p1818 A67-24161
- On the stability of nonlinear stochastic systems. 17 p2886 A67-33275
- Sequential transmission of signals in a Gaussian channel with feedback /O posledovatel'noi peredache signalov v gaussovskom kanale s obratnoi svyaz'yu/. 18 p2999 A67-33531
- KHATSKEVICH, I. G.**
A statistical method for determining the orientation and rotation of artificial satellites from measurement data. 22 p3878 A67-39168
- KHAUTIEV, E. IU.**
Possible reasons for the effect of electrode polarity on rail gun acceleration of plasma. 02 p0275 A67-12471
- Limitation on plasmoid velocity in railotron devices. 02 p0275 A67-12472
- KHAVIN, A. S.**
Breakdown of silicon diodes with negative resistance /Iavleniya probola v kremnievykh diodakh s otritsatel'nykh soprotivleniem/. 11 p1768 A67-24861
- KHAVIN, L. S.**
Measurement of the Hall EMF in the base

- of a negative-resistance silicon diode /Izmerenie EDS Kholla v baze kremnlevogo dioda s otritsatel'nyy soprotivleniem/. 12 p1917 A67-26097
- Current distribution in silicon diodes with a negative resistance /Raspredeleeniye tokov v kremnlevykh diodakh s otritsatel'nyy soprotivleniem/. 18 p3010 A67-33577
- KHAVINSON, S. IA.**
A Walsh approximation problem /Ob odnoi approksimatsionnoi zadache Uolsha/. 05 p0835 A67-17001
- KHAVNI, L. S.**
Transient characteristics of silicon diodes with negative resistance /Perekhodnye kharakteristiki kremnlevykh diodov s otritsatel'nyy soprotivleniem/. 13 p2076 A67-26489
- KHAZAK, K. F.**
Measurements of the brightness of the earth as a planet in the water-vapor absorption band, phi, and in the transparency window of 1.25 microns. 07 p1183 A67-20006
- KHAZANOV, KH. S.**
Inversely symmetrical edge effect in a circular cylindrical shell /Obratno-simmetrichnyy kraevoy effekt v krugovoy tsilindricheskoj obolochke/. 14 p2401 A67-28644
- KHAZARADZE, N. G.**
Method of determining the total number of particles and the coordinates of the axis-passage point for an extensive atmospheric shower of cosmic radiation /Ob odnom metode opredeleniya pol'nogo chisla chastits i koordinat tochki prokhozheniya osi shirokogo atmosfernogo livnya kosmicheskogo izlucheniya/. 03 p0507 A67-14059
- KHAZEN, A. M.**
Study of the base-pressure fluctuations behind a cone in a supersonic flow /Issledovanie kolebanii donnogo davleniya za konusom v sverkhzvukovom potoke/. 06 p0936 A67-17735
- KHAZEN, I. M.**
Problems of gastroenterology in space medicine and the physiological basis of cosmonauts' nutrition /Problemy gastroenterologii v kosmicheskoi meditsine i fiziologicheskie osnovy pitaniya kosmonavtov/. 13 p2058 A67-28752
- Extralabyrinthine symptoms of motion sickness under space-flight conditions /Ob ekstralabirintnykh simptomakh ukachivaniya v kosmicheskom polete/. 24 p4111 A67-41843
- KHAZIN, L. G.**
Theory of nonlinear oscillations of an electron plasma /K teorii nelineynykh kolebanii elektronnoi plazmy/. 13 p2171 A67-27615
- KHAZOV, N. P.**
Study of the structure and properties of monocrystalline alloys of the molybdenum-niobium system /Issledovanie struktury i svoystv splavov sistemy molibdeniobii v monokristallicheskom sostoianii/. 05 p0830 A67-17024
- Structure and properties of single crystals of molybdenum-niobium alloys. 14 p2338 A67-28491
- KHEIFETS, L. I.**
Investigation of the hydrodynamics of a pseudofluidized bed by a tracer gas technique /Ob issledovanii gidrodinamiki psevdoozhizhennogo sloia metodom trassirovushchego gaza/. 18 p3160 A67-34290
- KHEIFETS, M. I.**
Excitation of electromagnetic waves in ionic semiconductors by an electron beam /Vozbuzhdeniye elektromagnitnykh voln v ionnykh poluprovodnikakh elektronnyy puchkom/. 09 p1554 A67-21978
- Electrostatic oscillations in finite dielectrics, semiconductors, and plasmas. 09 p1555 A67-22011
- Excitation of electromagnetic waves in ionic semiconductors by an electron beam. 17 p2923 A67-33315
- KHEIMAN, E. L.**
Cutoff processes of a transistorized switch with an LC load /Protsesty zapiraniya tranzistor'nogo klucha s LC-nagruzkoj/. 05 p0773 A67-16460
- KHEIZ, U. D.**
Analysis of hypersonic gas flow past blunt bodies. 11 p1741 A67-24156
- KHENTOV, A. A.**
Passive stabilization of artificial satellites with respect to the geomagnetic field /Passivnaya stabilizatsiya iskusstvennykh sputnikov po magnitnomu polu zemli/. 21 p3713 A67-38589
- Effect of the earth's magnetic and gravitational fields on the oscillations of a satellite about its center of mass /Vlianie magnitnogo i gravitatsionnogo polia zemli na kolebanila sputnika vokrug svoego tsentra massa/. 21 p3713 A67-38590
- KHERODINASHVILI, Z. SH.**
Effect of high-temperature thermomechanical treatment on the fine structure and mechanical properties of titanium alloys /Vlianie vysokotemperaturnoi termomekhanicheskoi obrabotki na tonkulu strukturu i mekhanicheskie svoystva titanovykh splavov/. 01 p0095 A67-10641
- Effect of high-temperature thermomechanical treatment on the fine structure and mechanical properties of titanium alloys. 18 p3066 A67-34405
- KHIEBNIKOV, G. F.**
Some results of medical supervision of the state of the cosmonauts P. I. Belyaev and A. A. Leonov during training and orbital flight. 11 p1748 A67-24080
- KHIET, VU. T.**
A study of the sign of the energy of plane gravitational waves /K issledovaniyu znaka energii ploskikh gravitatsionnykh voln/. 02 p0268 A67-12417
- KHIRIN, V. N.**
Spectral distribution of the relative quantum yield of photoluminescence of polycrystalline cadmium sulfide films at 77 deg K. 01 p0133 A67-10510
- Temperature-dependence of the spectra of absorption, reflection, radiation, excitation, and quantum output of the luminescence of polycrystalline cadmium sulfide films /Temperaturnaya zavisimost' spektrov pogloshcheniya, otryazheniya, izlucheniya, vzbuzhdeniya i kvantovogo vykhoda luminesentsii polikristallicheskiy plenok sulfida kadmia/. 03 p0433 A67-12889
- KHIRSEI, E. M.**
On decays of ion-sound oscillations in a weakly ionized plasma. 20 p3501 A67-37291
- KHISMATULLIN, A. IA.**
Investigation of the mechanism of flame stabilization on gasdynamic screens /Issledovanie mekhanizma stabilizatsii plameni na gazodinamicheskikh ekranakh/. 22 p3921 A67-40455
- KHITREN, M. I.**
Effect of heat treatment on the parameters of Au-doped silicon /Vlianie termicheskoi obrabotki kremniya, legirovannogo zolotom, na ego parametry/. 19 p3299 A67-34761
- KHITRIK, A. S.**
Effect of heat treatment on the magnetic and electrical properties of magnesium - Aluminum superhigh-frequency ferrites. 10 p1688 A67-22830
- KHITRIKOV, V. A.**
Effective control of expansion of a turbulent jet /Ob effektivnom upravlenii rasprostraneniem svobodnoi turbulentnoi strui/. 06 p0982 A67-17744
- KHIVRICH, V. I.**
Some radiation effects in p-type silicon /O nekotorykh radiatsionnykh effektakh v kremnii p-tipa/. 16 p2724 A67-30472
- KHIZHNIK, M. A.**
Investigation of a resonator filled with an artificial anisotropic dielectric /Doslizhenniya rezonatora, zapovnenogo shtuchno anizotropnim dielektrikom/. 13 p2075 A67-26399
- KHIZHNIK, N. A.**
Current-layer dynamics and plasma acceleration in an electrodynamic flat-electrode accelerator /Dinamika tokovogo sloia i uskoreniye plazmy v elektrodinamicheskom rel'sovom uskorigtele/. 01 p0122 A67-10345
- Adiabatic motion of plasmoids in a longitudinal magnetic field /K voprosu ob adiabatchnosti dvizheniya plazmennyykh sgustkov v prodol'nom magnitnom pole/. 01 p0122 A67-10351
- Current-sheet dynamics and acceleration of plasma in electrodynamic rail accelerators. 11 p1843 A67-25018
- Adiabatic motion of plasmoids in longitudinal magnetic fields. 11 p1844 A67-25024
- Effect of dissipative processes and gas-kinetic pressure on the magnetic moment of a plasmoid /Vlianie dissipativnykh protsessov i gazokineticheskogo davleniya na magnitnyy moment sgustka/. 15 p2524 A67-29244
- Adiabatic motion of plasmoids in a longitudinal magnetic field /K voprosu ob adiabatchnosti dvizheniya plazmennyykh sgustkov v prodol'nom magnitnom pole/. 15 p2524 A67-29245
- Some aspects of the electrodynamic theory of plasma acceleration /Nekotoryye voprosy teorii elektrodinamicheskogo uskoreniya plazmy/. 15 p2525 A67-29249
- Observation of the flow layer and acceleration of plasma in a coaxial plasma gun /Issledovanie tokovogo sloia i uskoreniya plazmy v koaksial'noi plazmennoi pushke/. 15 p2907 A67-29718
- Energy losses of a modulated azimuthal current in a plasma situated in a magnetic field /Poteri energii azimutalnogo modulirovannogo toka v plazme, nakhodiaschiesya v magnitnom pole/. 16 p2716 A67-31177
- Plasma-particle distribution function in a system of alternating electrodes /Funktsiya raspredeleniya chastits plazmy v sisteme cheredulushchikhsia elektrodov/. 16 p2718 A67-31193
- Deflection of plasma by a linearly increasing transverse magnetic field /Otryazheniye plazmy lineino narastaiushchimi poperechnym magnitnym polem/. 18 p3087 A67-34036
- Nonlinear theory of longitudinal waves in a plasma. 22 p3845 A67-39421
- KHIZHNIKOVA, I. P.**
Ionized gas distribution close to the galactic plane. 02 p0322 A67-11645
- KHIZNICHENKO, L. P.**
Low-temperature internal friction in silicon. 04 p0681 A67-15294
- KHLEBNIKOV, G. F.**
Results of medical examination of the crew of the cosmic ship Voskhod before and after its flight. 07 p1133 A67-19108
- KHLEBUTIN, G. N.**
Stability of the motion of a liquid between two rotating spherical surfaces /Ob ustoiichivosti dvizheniya zhidkosti mezhdu dvumya vrashchalushchimisya sfericheskimi poverkhnostiami/. 06 p0992 A67-18820
- KHLEVNOI, S. S.**
Combustion of powder in the presence of a light flux /O goreniil porokha pri nalichii svetovogo izlucheniya/. 12 p2039 A67-26113
- KHLOMENOK, P. N.**
Simulation of the motion of a gyroscopic pendulum /Modelirovaniye dvizheniya glroskopicheskogo malatnika/. 13 p2118 A67-26350
- KHLYSTOV, A. I.**
Two new lines in the solar spectrum /O dvukh novykh liniakh v solnechnom spektre/. 11 p1868 A67-24848
- Excitation temperature of electron levels of the CH molecule in the solar spectrum /Temperatura vzbuzhdeniya elektronnykh urovnel molekuly CH v spektre solntsa/. 17 p2941 A67-32326
- KHLYSTOV, A. S.**
Ferrite resonant isolators on coaxial, strip, and rectangular waveguides with a dielectric /Ferritovye rezonansnye ventil na koaksial'nom, poloskovom i priamougol'nom volnovodakh s dielektrikom/. 02 p0223 A67-12670
- Temperature dependence of the phase shift in ferrite phase shifters /O temperaturnoi zavisimosti fazovogo sdviga v ferritovykh fazovrashchatelakh/. 02 p0301 A67-12672
- KHMELEVSKAIA, E. D.**
Investigation of the hydrodynamics and mass transfer between a "sharp" gas jet and a liquid. 04 p0727 A67-15754
- KHMELEVSKII, G. V.**
Pilotless aircraft and missiles /Besplotnye letatel'nye apparaty/. 15 p2564 A67-29242
- KHMELEVTSOV, S. S.**
Laser emission attenuation in artificial water fogs /Oslableniye izlucheniya opticheskikh kvantovykh generatorov v iskusstvennykh vodnykh tumanakh/. 22 p3816 A67-39921
- KHOCHOLAVA, G. M.**
Causes of the existence of two types of anomalous polar cap absorption /Prichiny dvukh tipov anomal'nogo pogloshcheniya v polarnoi shapke/. 10 p1699 A67-22790
- Disturbance in the F sub 2 region of the ionosphere at middle

- latitudes. 12 p1932 A67-25543
D sub st variations of SC-type geomagnetic storms /K voprosu o D sub st-variatsii geomagnitnykh bur' tipa SC/. 17 p2846 A67-32936
Causes of two types of anomalous absorption in the polar cap. 24 p4209 A67-42126
- KHODOROVSKII, G. L.**
Optimal thickness of the crucible lining in the smelting of titanium /Optimal'naya tolshchina garnissazha pri playke titana/. 07 p1200 A67-19250
- KHODZHA-AKHMEDOV, CH. L.**
Frequency dependence of ionospheric absorption at high latitudes. 07 p1144 A67-19693
- KHODZHAEV, K. SH.**
Synchronous motions in a system of plants with bearing couplings /Sinkhronnye dvizheniya v sisteme ob'ektov s nesushchimi svyazami/. 22 p3836 A67-39395
- KHOFMAN, D. F.**
Optimum tuning of the correcting circuit of inertial devices /Optimal'naya nastroyka skhemy korrektsii inertsiionnykh datchikov/. 03 p0426 A67-14286
- KHOHKLOV, M. Z.**
Preliminary results of measurements carried out by means of charged particle traps on the interplanetary station Zond 2. 12 p1998 A67-25818
- KHOKHEL, O. O.**
Brief survey of random-process generating methods /Korotkii oglad metodiv generuvannya vipadkovikh protsesiv/. 13 p2088 A67-27023
- KHOKHLOV, M. Z.**
Signs of the moon's intersection of the tail of the earth's magnetosphere according to data from charged-particle traps in the first artificial satellite of the moon /Priznaki peresecheniya lunoi khvosta magnitosfery zemli po dannym lovushek zariazhennykh chastits na pervom iskusstvennom sputnike luny/. 01 p0145 A67-10908
Results of an experimental study of plasma in circumlunar space with the aid of charged particle traps of the first artificial lunar satellite /Rezultaty eksperimentov po izucheniu plazmy v okololunnom prostranstve s pomoshch'yu lovushek zariazhennykh chastits na pervom iskusstvennom sputnike luny/. 05 p0875 A67-16054
Study of plasma in the neighborhood of the moon using charged-particle traps on the first lunar artificial satellite. 21 p3697 A67-37841
- KHOKHLOV, R. V.**
Theory of a parametric light generator /K teorii parametricheskogo generatora sveta/. 02 p0251 A67-11575
Parametric amplifiers and generators of light. 05 p0814 A67-16361
Nonlinear properties of the laser as an amplifier. 05 p0825 A67-17232
Self-focusing and self-trapping of intense light beams in a nonlinear medium. 06 p1031 A67-17880
Nonlinear optics and frequency conversion of coherent radiation. 14 p2330 A67-28467
Self-focusing and light diffraction in a nonlinear medium /Samofokusirovka i difraktsiya sveta v nelineinoy srede/. 24 p4187 A67-41770
- KHOKHLOVA, V. L.**
The lunar surface absorption spectrum in the range of 0.8-13 mu. 18 p3122 A67-34139
- KHOKHRIAKOV, A. IA.**
Existence and evaluation of a solution for the periodic boundary value problem of a set of ordinary differential equations /O sushchestvovanii i ob otsenke resheniya periodicheskoi kraevoi zadachi dlia sistemy obyknennykh differentsial'nykh uravnenii/. 04 p0643 A67-14668
- KHOLEV, B. A.**
Study of high-efficiency GaAs solar cells and the possibilities of improving them /Issledovanie vysokoeffektivnykh solnechnykh elementov iz arsenida galliya i vozmozhnosti ikh uluchsheniya/. 13 p2056 A67-27623
Investigation of the electrical characteristics of GaAs p-n diffusion junctions used as solar cells /Issledovanie elektricheskikh kharakteristik GaAs diffuzionnykh p-n-perekhodov, ispol'zuemykh v kachestve solnechnykh elementov/. 19 p3300 A67-34769
- KHOLEVA, M. N.**
Determination of the integral value of the short circuit current of solar photoconverters from their spectral characteristics /Opredelenie integral'nogo znacheniya toka korotkogo zamykaniya solnechnykh fotopreobrazovatelei po ikh spektral'nykh kharakteristikam/. 09 p1451 A67-22531
- KHOLEVO, A. S.**
Iterative method for determining an optimal nonlinear filter for a steady-state random process /Iteratsionnyi metod nakhozheniya optimal'nogo nelineinogo fil'tra dlia statsionarnogo sluchainogo protsessa/. 16 p2836 A67-30925
- KHOLKHOV, M. Z.**
Results of experiments on the first artificial satellite of the moon, aimed at detecting a lunar ionosphere /Rezultaty eksperimentov po obnaruzheniyu lunnoi ionosfery, provedennykh na pervom iskusstvennom sputnike luny/. 03 p0513 A67-14066
- KHOLODAR, G. A.**
On the electric conductivity of semiconductors caused by the ionization of thermal lattice defects. 07 p1237 A67-20177
- KHOLODOV, A. S.**
Supersonic three-dimensional flow around a triangular wing with blunted edges /O sverkhzvukovom prostranstvennom obtekanii treugol'nogo kryla s prituplennymi kromkami/. 22 p3741 A67-40025
- KHOLOPOV, V. V.**
Evaluation of the complexity of thin film and hybrid microelements from the point of view of the number and type of interconnections. 02 p0215 A67-11913
- KHOLPANOV, L. P.**
A note on the wave flow of thin liquid layers on a vertical surface. 04 p0609 A67-15597
A note on two-phase film mass transfer without mass forces. 14 p2405 A67-28303
- KHOLSHEVNIKOV, K. V.**
Application of the method of averaging to the problem of motion in the gravitational field of a nonspherical planet. I /Primenenie metoda osredneniya k zadache o dvizhenii v gravitatsionnom pole nesfericheskoi planety. I/. 14 p2388 A67-28637
Application of averaging techniques to the problem of motion of an aspherical planet in a field of gravity. II /Primenenie metoda osredneniya k zadache o dvizhenii v gravitatsionnom pole nesfericheskoi planety. II/. 24 p4228 A67-42274
- KHOLUIANOV, G. F.**
Tau-photoconductivity and negative resistance of p-n junctions in SiC /tau-fotoprovodimost' i otritsatel'noe soprotivleniye u p-n-perekhodov v SiC/. 04 p0680 A67-15156
Tau-photoconductivity and negative resistance in p-n junctions in SiC. 15 p2534 A67-29343
- KHOMA, I. IU.**
Elastoplastic problem of stresses near a circular hole /Uprugo-plasticheskaya zadacha o naprazhneniyakh voze krugovogo otverstiya/. 11 p1879 A67-24887
- KHOMENKO, G. S.**
Probability of the recording of "stars" by an ionization calorimeter /O veroiatnosti registratsii "zvezd" ionizatsionnykh kalorimetrov/. 02 p0271 A67-12754
Investigation of electron-photon cascade showers in iron and lead in the energy range over 100 BeV /Issledovanie elektronno-fotonnykh kaskadnykh livnel v zheleze i svintse v oblasti energii vysshe 100 BeV/. 02 p0271 A67-12755
On the probability for recording of "stars" by an ionization calorimeter. 22 p3842 A67-40256
Investigation of electron-photon cascades in iron and lead in the energy region above 100 BeV. 22 p3842 A67-40257
- KHOMIAKOV, E. N.**
Spatial-temporal processing in the presence of multiplicative and additive fluctuations. 24 p4120 A67-42232
- KHOMICHA, M. I.**
Width of the generation spectrum of a ruby laser /O shirine spektra generatsii OKG na rubine/. 12 p1952 A67-25325
- KHOMUTOVA, S. S.**
Effect of a magnetic field on the emission of GaAs diodes /Vliyanie magnitnogo polia na izlucheniye diodov iz
- GaAs/. 15 p2543 A67-30251
- KHOP, N. T.**
Dirichlet problem for strongly connected elliptical systems /Zadacha Dirikhle dlia sil'no svyazannykh sistem ellipticheskogo tipa/. 05 p0835 A67-16939
- KHORENKO, V. K.**
Study of the oxidation of thin films of beryllium. 13 p2132 A67-28998
- KHOROSHUN, L. P.**
Analytical methods of studying the thermoelastoviscous properties of laminated media /Analiticheskie metody issledovaniya termoprupogivlazzkikh svolstv sloistnykh sred/. 05 p0912 A67-16184
Theory of isotropic deformation of elastic bodies with random inhomogeneities /K teorii izotropnogo deformirovaniya uprugikh tel so sluchainymi neodnorodnostiami/. 24 p4249 A67-42102
- KHOSLA, R. P.**
Transport properties and localized spins in n-type InSb. 06 p1068 A67-18968
- KHOTKEVICH, V. I.**
Study of the diffusion of hydrogen in tantalum /Izuchenie diffuzii vodoroda v tantale/. 01 p0102 A67-10941
Certain features associated with the K-state in the alloys Ni-Cr, Ni-Cr-Mo and Fe-Ni-Cr-Mo. 04 p0635 A67-14429
Hydrogen diffusion in tantalum. 22 p3820 A67-39794
- KHOTUNTSEV, IU. L.**
Phase characteristics of regenerative amplifiers having a finite number of reactive elements. 24 p4129 A67-42226
- KHOZHAINOV, A. I.**
Unsteady flow of a conducting fluid in an MHD-generator channel at constant flow rate with allowance for the wall effect /Nestatsionarnoe techenie provodiaschel'zhidkosti v kanale MGD generatora pri postoiannom raskhode s ucheto vliyania bokovykh stenok/. 16 p2705 A67-30449
Investigation of the unsteady flow of a conducting fluid in magnetohydrodynamic ducts. 21 p3683 A67-37935
Precise and approximate formulations of the problems for unsteady flows of conducting fluid in magnetohydrodynamic channels /O tochnoi i priblizhennoi postanovkakh zadach dlia nestatsionarnykh techenii provodiaschel'zhidkosti v magnitogidrodinamicheskikh kanalakh/. 22 p3853 A67-40023
- KHOZHATELEV, M. B.**
Method of determining the electrical conductivity of a low temperature plasma with the aid of a double probe /K metodike opredeleniya elektroprovodnosti nizkoterturnoi plazmy s pomoshch'yu dvoynogo zonda/. 03 p0478 A67-13603
Method of determining the electrical conductivity of low-temperature plasma with a double probe. 18 p3090 A67-34468
- KHRAMOV, G. N.**
Wide-band feed with electrical scanning of radiation patterns /Diapazonnyi obluchatel' s elektricheskimi skanirovaniem diagrammy napravlenosti/. 08 p1306 A67-21341
Wide-range exciter with an electrically scanned radiation pattern. 17 p2822 A67-31937
- KHRAMOV, N. E.**
Calculation of the interaction of an axisymmetric, supersonic, not fully expanded jet with and obstacle /Raschet vzaimodelstviya osesimmetrichnoi sverkhzvukovoi nedorasshirennoi strui s pregradol/. 03 p0350 A67-12879
- KHRAPOKO, R. I.**
Propagation of light through a Schwarzschild singular sphere. 03 p0467 A67-12932
An investigation of the structure of space time by analytic continuation of the equations of geodesics. 06 p1031 A67-17883
- KHRASHCHEVSKII, V. A.**
Investigation of thin ferroelectric films. 03 p0498 A67-13708
- KHRENOV, B. A.**
Ultrahigh energy primary cosmic radiation according to extensive air shower data. 02 p0311 A67-12589
Phenomenological characteristics of extensive air showers with a fixed number of muons and electrons /Fenomenologicheskie kharakteristiki shirokikh atmosferynykh livnel s fiksirovannym chislom mu-mezonov i elektronov/. 02 p0318 A67-12777
Particle groups at a depth of 40 mwe in

- the composition of an extensive air shower /Gruppy chastits na glubine 40 m v.e. v sostave shirokogo atmosfernogo livnia/. 02 p0318 A67-12779
- Measurements of muon fluxes with the aid of a spark chamber at a depth of 20 mwe /Izmereniya potokov mluonov s pomoshch'yu iskrovoy kamery na glubine 20 m v.e./. 02 p0318 A67-12780
- Particle groups in extensive air showers at 40 meters water equivalent. 22 p3877 A67-40281
- Measurement of muon fluxes at 20 meters water equivalent by means of a spark chamber. 22 p3877 A67-40282
- New data on groups of particles at a depth of 40 mwe below ground /Novye dannye o gruppakh chastits na glubine 40 m v. e. pod zemlei/. 24 p4220 A67-42865
- Quests for neutral particles at a depth of 40 mwe below ground /Poiski neutral'nykh chastits na glubine 40 m v.e. pod zemlei/. 24 p4220 A67-42866
- Investigation of the penetrating component of high-energy cosmic rays at depths from 20 to 40 mwe below the earth's surface /Issledovanie pronikalushchei komponenty kosmicheskogo izlucheniya vysokoi energii na glublinakh 20 i 40 m v.e. pod zemlei/. 24 p4221 A67-42876
- KHRGIAN, A. KH.**
- Physical processes of cloud layer formation /O fizicheskikh protsessakh obrazovaniya oblachnykh sloev/. 10 p1677 A67-23408
- Atmospheric ozone and its variations connected with the circulation over the Atlantic ocean. 11 p1785 A67-23958
- Vertical distribution of atmospheric ozone /O vertikal'nom raspredelenii atmosfernogo ozona/. 14 p2308 A67-27927
- KHRIENKO, A. F.**
- Activated sintering of tungsten and molybdenum powders /Aktivirovannoe spekanie poroshkov vol'frama i molibdena/. 20 p3466 A67-36911
- KHRIMIAN, A. V.**
- Initiation of showers in thin plates by pions and protons with momenta from 0.1 to 20 BeV/c. 02 p0312 A67-12610
- Search for quarks with unit and fractional charges in cosmic rays at 3200 m altitude /Poiski kvarkov s edinichnym i drobnym zariadami v kosmicheskikh luchakh na vysote 3200 m/. 02 p0316 A67-12767
- Search for quarks with unit and fractional charges in cosmic rays at 3200 meters above sea level. 22 p3877 A67-40269
- KHRIMIAN, G. V.**
- Search for quarks with unit and fractional charges in cosmic rays at 3200 m altitude /Poiski kvarkov s edinichnym i drobnym zariadami v kosmicheskikh luchakh na vysote 3200 m/. 02 p0316 A67-12767
- Search for quarks with unit and fractional charges in cosmic rays at 3200 meters above sea level. 22 p3877 A67-40269
- KHRISTENKO, E. V.**
- An automatic frequency-control system using a superconducting resonator /Sistema avtomaticheskoi podstroiki chastoty s ispol'zovaniem sverkhprovodlashchego rezonatora/. 19 p3192 A67-34984
- A discriminator with an I.F. error signal for automatic frequency control of a reflex klystron /Diskriminator s signalom oshibki na promezhutochnoi chastote dlia avtomaticheskoi podstroiki chastoty otrazhatel'nogo klistrona/. 19 p3228 A67-34991
- KHRIISTENSEN, G. B.**
- Concerning the energy spectrum and composition of ultra-high energy cosmic radiation. 02 p0311 A67-12588
- Ultrahigh energy primary cosmic radiation according to extensive air shower data. 02 p0311 A67-12589
- Superhigh-energy primary cosmic radiation and extensive air showers /Pervichnoe kosmicheskoe izluchenie sverkhvysokoi energii i shirokie atmosferye livni/. 02 p0318 A67-12778
- Particle groups at a depth of 40 mwe in the composition of an extensive air shower /Gruppy chastits na glubine 40 m v.e. v sostave shirokogo atmosfernogo livnia/. 02 p0318 A67-12779
- Calculations of the longitudinal and transverse development of extensive atmospheric showers and some prospects of studying them /Raschety prodol'nogo i poperechnogo razvitiya shirokikh atmosferykh livnei i nekotorye perspektivy ikh izucheniya/. 02 p0318 A67-12784
- Radio emission of extensive air showers /EAS/ of cosmic rays. 12 p1940 A67-25337
- Phenomenological characteristics of extensive air showers with a fixed number of muons and electrons. 22 p3877 A67-40279
- Superhigh energy primary radiation and extensive air showers. 22 p3877 A67-40280
- Particle groups in extensive air showers at 40 meters water equivalent. 22 p3877 A67-40281
- Calculations of the longitudinal and transverse development of extensive air showers and some possibilities of investigation of such showers. 22 p3878 A67-40286
- New data on groups of particles at a depth of 40 mwe below ground /Novye dannye o gruppakh chastits na glubine 40 m v. e. pod zemlei/. 24 p4220 A67-42865
- Quests for neutral particles at a depth of 40 mwe below ground /Poiski neutral'nykh chastits na glubine 40 m v.e. pod zemlei/. 24 p4220 A67-42866
- Fluctuation of the energy fluxes of nuclear-active particles in the stem of an extensive air shower /Fluktuatsii potokov energii laderno-aktivnykh chastits v stvole shirokogo atmosfernogo livnia/. 24 p4220 A67-42867
- Investigation of the penetrating component of high-energy cosmic rays at depths from 20 to 40 mwe below the earth's surface /Issledovanie pronikalushchei komponenty kosmicheskogo izlucheniya vysokoi energii na glublinakh 20 i 40 m v.e. pod zemlei/. 24 p4221 A67-42876
- KHRISTOFOROV, I. L.**
- Mechanism of fuel burnout in the region of inflow of the secondary jets into the combustion chamber of a gas-turbine engine /O mekhanizme vygoraniya topliva v zone vtekaniya strui vtorichnogo vozdukh v kamere sgoraniya gazoturbinnogo dvigatelya/. 22 p3869 A67-40453
- KHRUMOV, A. V.**
- Simultaneous automatic phase frequency control and synchronization. 16 p2623 A67-30880
- KHRIUNOV, A. V.**
- Simultaneous-phase automatic frequency control and synchronization /Sovmestnye fazovaya avtopodstroika chastoty i sinkhronizatsiya/. 05 p0784 A67-16904
- Automatic phase adjustment in amplifiers. 05 p0778 A67-17395
- Experimental characteristics of an amplifier and a self-excited oscillator employing a reflex klystron with phase locking /Eksperimental'nye kharakteristiki usilitella i sinkhronizirovannogo avtogeneratora na otrazhatel'nom klistrone s avtopodstroikoi fazy/. 11 p1757 A67-23907
- Experimental characteristics of a reflex klystron amplifier and synchronized oscillator with automatic phase control. 21 p3600 A67-38935
- KHROMKOV, I. N.**
- Paramagnetic effect under the action of a radiofrequency pressure and electron parametric resonance in a plasma. 07 p1228 A67-19512
- KHROMOV, A. V.**
- Density of heat sources and the temperature field in a ruby laser crystal /Plotnost' istochnikov tepla i temperaturnoe pole v kristalle rubinovogo OKG/. 03 p0434 A67-13117
- KHROMOV, V. P.**
- A generator of a sequence of nanosecond light pulses /Generator seriil svetovykh nanosekundnykh impul'sov/. 19 p3228 A67-34987
- KHROMYKH, N. E.**
- New assembly for the study of powerful interactions of 100 to 1000 BeV at a Tyan-Shan high-altitude station - Preliminary results /Novaya ustanovka dlia issledovaniya sil'nykh vzaimodelstviy pri energiyakh 100-1000 BeV na Tian-Shan'skoi vyzokogornoi stantsii - Pervye rezul'taty/. 02 p0248 A67-12746
- KHRONOPULO, IU. G.**
- Possibility of increasing the frequency of laser emission with the aid of a three-photon combination process /O vozmozhnosti povysheniya chastoty izlucheniya OKG s pomoshch'yu trekhfotonnogo kombinatsionnogo protsessa/. 22 p3815 A67-39760
- KHRONYKH, V. G.**
- Accuracy of measurements of signal-to-noise ratio /O tochnosti izmereniya otnosheniya signal shum/. 13 p2070 A67-27045
- KHRULEV, V. V.**
- Optimum wavelength and spectral range in polarization investigations of distributed cosmic radio emission. 05 p0766 A67-17228
- Depolarization of cosmic radio emission due to dispersion of the Faraday rotation of the planes of polarization of the radio waves. 08 p1376 A67-20813
- KHRUSHCHOVA, N. V.**
- Combined control system of an extremal plant with a corrector in the form of a cognitive system /Kombinovana sistema keruvanni ekstremal'nim ob'ektom z korektorom-rozpiznaluchoiu sistemou/. 17 p2830 A67-33099
- KHRUSTALEV, S. A.**
- Remote responses of the hemopoietic tissue to proton and X-ray irradiation under acceleration /Otdalennye reaktsii krovetvornoi tkani na obluchenie protonami i Kh-luchami v kombinatsii s gravitatsionnymi nagruzkami/. 13 p2057 A67-26458
- KHRUSTELEVSKAIA, G. V.**
- Twenty-seven-day cosmic-ray-intensity variations and the structure of solar corpuscular fluxes /27-Dnevnye variatsii intensivnosti kosmicheskikh luchei i struktura korpuskularnykh potokov ot solntsa/. 23 p4056 A67-41110
- KHUDENKO, B. G.**
- Mixing of intersecting turbulent jets. 04 p0609 A67-15592
- A system of plane turbulent jets. 24 p4143 A67-42285
- KHUDOMAN, A.**
- Strain-hardening and the temperature dependence of the mechanical properties of ternary ordered alloys on an Ni sub 3 Fe base. I /O deformatsionnom uprochnenii i temperaturnoi zavisimosti mekhanicheskikh svoistv troinykh uporiadochennykh splavov na osnove Ni sub 3 Fe. I/. 02 p0255 A67-12675
- KHUKHAREVA, I. S.**
- Effect of oxygen impurity on the structure and superconducting properties of zirconium-niobium alloys. 19 p3243 A67-34925
- KHURANA, B. S.**
- Thermal breakdown in silicon p-n junction devices. 07 p1157 A67-19901
- KHVEDELIDZE, Z. V.**
- Asymptotic solution for a prognostic equation in pressure prediction /Ob asimptoticheskom reshenii prognosticheskogo uravneniia dlia prognoza davleniia/. 20 p3479 A67-36125
- KHVOINOV, B. S.**
- Changing of the psychophysiological state of the organism by autogenous and exogenous suggestion /Izmenenie psikhofiziologicheskogo sostoiانيا organizma putem autogennogo i ekzogennogo vnusheniia/. 24 p4112 A67-41855
- KHVOROSTUKHIN, L. A.**
- Thermal Effects and Cutting Machinability of Aircraft Materials /Teploye lavleniia i Obrabatyvaemost' Rezaniiem Aviatsonnykh Materialov/. 03 p0427 A67-13190
- Plastic deformation and heat formation in the dislocation area /Plasticheskaia deformatsiia i teploobrazovanie v zone sdviga/. 03 p0427 A67-13193
- KHVOSHCHESKII, IU. N.**
- Experimental investigation of convective heat transfer and fluid friction in the motion of a viscous fluid with large Reynolds numbers. 04 p0603 A67-14717
- KHVOSTIKOV, I. A.**
- Temperature-wind conditions in the stratosphere from weather-rocket data /Temperaturno-vetrovoi rezhim stratosfery po dannym meteorologicheskikh raket/. 13 p2113 A67-26679
- KHVOSTIKOVA, V. D.**
- Dislocation structure of crystals with a diamond-type lattice grown along the /100/ axis /Dislokatsionnaya struktura kristallov s reshetkoi almaza, vyrashchennykh v napravlenii /100//. 05 p0880 A67-16076
- Dislocation reaction in crystals with a diamond-type structure grown along the /100/ axis /Dislokatsionnaya reaktsiia v kristallakh so strukturoi almaza, vyrashchennykh v napravlenii /100//. 05 p0880 A67-16077

KHVOSTYNTSEV, K. I.

Combined effect of plastic deformation and aging on the structure and properties of the titanium alloy TC6 /Sovmestnoe vliyanie plasticheskoi deformatsii i starenia na strukturu i svoystva titanovogo splava TC6/. 04 p0640 A67-15976

KIANG, N. Y. S.

Spontaneous spike discharges from single units in the cochlear nucleus after destruction of the cochlea. 06 p0952 A67-17847

KIANG, R. L.

Elastic orifices for pressurized gas bearings. 01 p0077 A67-10123

KIBALNIKOV, V. V.

Problems involved in achieving invariant multiloop control /O nekotorykh problemakh osushchestvleniya invariantnogo mnogosvaznogo regulirovaniya/. 16 p2643 A67-31379

KIBBLER, G. O. T. H.

CAVORT - A radar pulse train optimum processor for accelerating targets. 21 p3586 A67-38953

KICENIUK, T.

Measurements on fully wetted and ventilated ring wing hydrofoils. [ASME PAPER 66-WA/UNT-4] 04 p0608 A67-15383

KICHER, T. P.

Optimum design - Minimum weight versus fully stressed. 03 p0525 A67-13966
Structural synthesis of integrally stiffened cylinders. 10 p1726 A67-23719

KICHIGIN, A. M.

Heat-transfer crisis in annular channels in the case of bilateral heat supply /Krizis teploobmena v kol'tsevykh kanalakh pri dvukhsbornom podvode tepla/. 17 p2969 A67-32459

KICIMAN, M. O.

Useful life for a panel with intermediate supports undergoing creep. 06 p1100 A67-18011
A random-sampling procedure with applications to structural synthesis problems. [AIAA PAPER 66-531] 17 p2960 A67-32577

KIDA, K.

Studies on the mechanical properties of Japanese beryllium. 13 p2140 A67-27134

KIDA, T.

An approximate calculating method of the flow for a thin jet-flapped wing with a small deflection angle in proximity of the ground. 15 p2415 A67-29308

KIDD, D. L.

Control loads and their effects on fuselage vibrations. [AHS PAPER 133] 16 p2777 A67-31847

KIDD, E. T.

Ultrasonic devices for coherent optical systems. 15 p2500 A67-29912

KIDD, J. M.

The charge spectrum of very heavy cosmic ray nuclei. 23 p4050 A67-40676

KIDD, M. C.

Extending integrated circuit applications in aerospace systems. 08 p1303 A67-21060

KIDD, P. W.

Parametric studies of a single needle colloid thruster. [AIAA PAPER 67-530] 21 p3696 A67-38957
Present status of colloid microthruster technology. [AIAA PAPER 67-531] 22 p3867 A67-39200

KIDERA, G. J.

Effects of glucose loading on the electrocardiogram of pilot applicants. 21 p3573 A67-38068

KIDRON, I.

The signal-to-noise ratios of constant-current and constant-temperature hot-wire anemometers. 12 p1947 A67-26121
Enhancement of signal-to-noise ratio of turbulence measurements by cross correlation. 18 p3050 A67-34499

KIDWELL, R.

The optimization of space-craft coating patterns for temperature control. [ASME PAPER 67-HT-55] 20 p3548 A67-36737

KIDWELL, R. E., JR.

Thermal problems revealed by flight experience with small, spin-stabilized satellites. 03 p0518 A67-13074

KIEBURTZ, R. B.

Angle-of-arrival measurements performed over a 296-km troposcatter path. 05 p0760 A67-15998
Application of coherence theory to propagation of a quasi-monochromatic field

in a random medium. 09 p1460 A67-21594

KIEFER, A.

Studies of multipactor suppression on high-power microwave windows. 15 p2448 A67-29757

KIEFER, F. P.

Man-rating the Gemini launch vehicle - Crew hazard and mission analysis. 01 p0155 A67-11347

KIEFER, J. H.

The effect of oxygen atoms on the vibrational relaxation of oxygen. 18 p3081 A67-33784

KIEFER, J. W.

The effect of orbiter and capsule constraints on the Voyager mission profile. 20 p3532 A67-36564

KIEFFER, H. H.

Calculated physical properties of planets in relation to composition and gravitational layering. 16 p2754 A67-31748

KIEFFER, L. J.

Dissociative ionization of H sub 2 and D sub 2. 17 p2889 A67-33226

KIEFT, A. J.

The bonding of fiberglass-reinforced polyester. 24 p4175 A67-42421

KIEGER, R.

Embrittlement of niobium by hydrogen at ambient temperatures - Effect of work hardening /Fragilisation du niobium par l'hydrogene a la temperature ambiante - Influence de l'ecrouissage/. 11 p1806 A67-24427

KIELICH, S.

Linear and nonlinear optical properties of atoms and molecules /Sur les proprietes optiques lineaires et non lineaires des atomes et des molecules/. 20 p3488 A67-36437

KIELY, D. G.

Advances in microwave direction finding. 02 p0198 A67-12067

KIEMLE, H.

Nonpseudoscopic real images from arbitrary holograms /Nichtpseudoskopische, reelle Bilder von beliebigen Hologrammen/. 23 p3998 A67-40701

KIENDL, H.

Absolute precise determination of lattice constants for silicon single crystals by electron interferometry /Absolute Praezisionsbestimmungen von Gitterkonstanten an Silicium-Einkristallen mit Elektronen Interferenzen/. 09 p1553 A67-21881

KIENITZ, M.

Optical communication potential. 20 p3381 A67-36566

KIENLIN, U. V.

Radio relay lines /Richtfunklinien/. 07 p1141 A67-19342

KIEPENHEUER, K. O.

On the sunspot phenomenon - General introduction. 13 p2202 A67-27416

KIER, R. J.

Driving processes of finite-amplitude axial mode instability in solid-propellant rockets. [AIAA PAPER 66-600] 12 p1988 A67-25909

KIERZEK-PECOLD, E.

Free carrier electro-magneto-optical phenomena in semiconductors. 09 p1558 A67-22602

KIERZKOWSKI, M.

Investigation of the reproduction accuracy of the behavior of rapidly varying pressures attainable with the OT-21 transducer and the RF-01 meter /Badanie wiernosci odtwarzania przebiegow cislenn szybkozmiennych przez czujnik OT-21 i miernik RF-01/. 16 p2871 A67-31004

KIES, J. A.

Fracture toughness and critical defect sizes with welds of 18 percent nickel maraging steels. 03 p0446 A67-13554

KIESLING, J. D.

An electronically despun switched antenna. 06 p0987 A67-17684

KIFORENKO, B. N.

The motion of a body of variable mass with energy accumulation and an engine with limited jet velocity. II /O dvizhenii tela peremennoi massy s nakopleniem energii i dvizhitelem s ogranichennoi skorost'iu istecheniya reaktivnoi strui. II/. 02 p0327 A67-12332

Energy storage in problems of optimization of space flight with limited power /Nakopitel' energii v zadachakh optimizatsii kosmicheskogo poleta s ogranichennoi moshchnost'yu/. 16 p2760 A67-30719

Motion along near-circular orbits using propulsion systems with an energy accumulator and an engine of constant power /O dvizhenii po orbitam, blizkim k krugovym, pri ispol'zovanii dvigatel'nykh sistem s nakopitelem energii i dvizhitelem postoianno moshchnosti/. 21 p3689 A67-37985
Certain problems of optimization of motion with energy storage and restricted power /Nekotorye zadachi optimizatsii dvizheniya s ogranichennoi moshchnost'yu i nakopitelem energii/. 24 p4240 A67-42295

KILANOVSKII, M. P.

Influence of changes in the state of polarization on the recording of their phase variations. 07 p1144 A67-19694

Relationship between F sub 2 values at high-latitude stations in the Northern Hemisphere. 07 p1179 A67-19832

KIKER, J. W.

Spacecraft landing systems. 15 p2570 A67-29856

KIKIN, G. M.

Lithium-boiling potassium Rankine cycle test loop operating experience. 24 p4183 A67-42492

KIKOIN, I. K.

On the influence of a magnetic field on viscous gas flow. 07 p1230 A67-20144
Oscillations of the photomagnetic effect in indium arsenide. 21 p3677 A67-38095

KIKOSHIMA, R.

A high noise immunity logic family /HNL/. 14 p2282 A67-28028

KIKUCHI, C.

Vanadium charge compensator site in laser CaWO sub 4. 04 p0633 A67-15306

KIKUCHI, M.

Localized nature of the current oscillation in semiconductors due to deep levels. 02 p0298 A67-11892

Current saturation and oscillation in photosensitive GaAs. 16 p2725 A67-30611

KIKUCHI, R.

Theory of nucleation and growth of a thin film. I. 23 p4040 A67-40967
Theory of nucleation and growth of a thin film. II. 23 p4040 A67-40968

Cooperative phenomena in the triangular lattice. 23 p3971 A67-40969

KIKUCHI, S.

Commensurability and critical inclination. 14 p2384 A67-28077

KIKUCHI, T.

Measurement of thermal diffusivity by laser pulse. 21 p3640 A67-38262

KIKUCHI, Y.

Ultra-high-frequency ultrasonics. 03 p0468 A67-13548
Magnetostrictive transducers and filters. 03 p0420 A67-13548

KIKUMORI, T.

Star system. V. 13 p2087 A67-26721
Star system. VI. 13 p2087 A67-26722

KIKUTA, S.

Intensity anomaly of X-ray Compton and thermal scatterings accompanying the Bragg reflections from perfect Si and Ge crystals. 01 p0132 A67-10456

Measurements on local variations in spacing and orientation of the lattice plane of silicon single crystals by X-ray double-crystal topography. 05 p0866 A67-16977

KIKVIDZE, R. R.

Excitation of electromagnetic waves in the plasma of a solid body in the case of a negative volt-ampere characteristic /Vozbuzhdenie elektromagnitnykh voln v plazme tverdogo tela pri nallchii otritsatel'noi vol'tampernoii kharakteristiki/. 15 p2537 A67-29702

Excitation of electromagnetic waves in a solid-state plasma in the presence of a negative current-voltage characteristic. 24 p4199 A67-41772

KILCHEVSKII, N. A.

Development of the theory of contact reactions between solids in the Twentieth Century /O razviti v xx veke teorii kontaktnykh vzaimodeistvii mezhdu tverdyimi telami/. 01 p0158 A67-10216

Transverse elastic impact of a sphere against an anisotropic plate /Poperechnyi uprugii uder sharom po anizotropnoi plastinke/. 05 p0922 A67-17174

Static instability regions in cylindrical shells /Oblasti staticheskoi neustoiichivosti tsilindricheskikh obolochek/. 12 p2026 A67-25615

Determination of kinetic functions in elasto-dynamic problems /K opredeleniiu

- funktsii kineticheskikh napriazhenii v zadachakh elastodinamiki/. 22 p3909 A67-39399
- KILCHINSKAIA, G. A.**
Propagation of thermoelastic waves in an elastic layer with convective heat transfer on its surfaces /Rasprostraneniye termouprugikh voln v uprugom sloe pri konvektivnom teploobmene na ego poverkhnostiakh/. 05 p0913 A67-16188
- KILCLINE, C. R.**
Application of nanosecond light pulses to ballistic range measurements. 06 p0981 A67-18881
- KILCOYNE, M. K.**
Electronography and image intensification - A comparison. 17 p2859 A67-32504
- KILDIBEKOV, I. G.**
Buckling of bars under impact. 01 p0165 A67-11303
- KILE, C., JR.**
Semiconductor integrated circuits - A review of fabrication processes and component characteristics. 08 p1301 A67-20788
- KILGORE, M. S.**
Effect of specific-heat ratio on mass flow for swirling nozzle flow. 19 p3311 A67-34826
- KILMANN, K.**
Dielectric-constant tensor for a cylindrical plasmoid /Der Tensor der Dielektrizitaetskonstanten fuer ein zylindrisches Plasmoid/. 07 p1229 A67-19517
- KILLEEN, J.**
Computation of hydromagnetic equilibria with finite pressure in minimum-B systems. 02 p0276 A67-12561
- KILLICK, D. E.**
Generation of U.V. radiation from a Nd-glass laser by frequency multiplication in ADP. 06 p1011 A67-18712
- KILLICK, E. A.**
Electronically scanned antenna systems. II. 04 p0581 A67-15050
- KILLPATRICK, J.**
The laser gyro. 23 p3999 A67-40916
- KILLPATRICK, J. E.**
Zeeman discharge tube frequency monitor. 11 p1801 A67-24664
- KILMER, F. G.**
Design principles for sampled-data systems with application to attitude control of a large, flexible booster. 21 p3713 A67-38027
- KIM, B. F.**
Electron paramagnetic resonance and spectroscopic study of LaCl₃ sub 3. Eu super 2 super plus and associated color centers. 22 p3863 A67-40003
- KIM, C. S.**
Varactor S-band direct phase modulator. 04 p0580 A67-14596
- KIM, D.-Y.**
Semiclassical theory of proton transport in ice. 13 p2160 A67-26991
- KIM, E. I.**
Solution of the heat-conduction equation with discontinuous parameters and its application to the problem of electric contacts. 16 p2779 A67-31207
- KIM, H.**
Long-range first-order interaction energy between two excited hydrogen atoms in either 2s or 2p states. 18 p3083 A67-34517
Energy of interaction between two hydrogen atoms by the Gaussian-type functions. 22 p3756 A67-39385
- KIM, H. G.**
High-temperature dielectric behavior of KCl in the microwave frequency of 16 Gc/sec. 02 p0299 A67-11896
- KIM, H. S.**
Effect of dissolved hydrogen on the fatigue behavior of an Al-Al sub 2 O sub 3 SAP-type alloy. 06 p1013 A67-17796
- KIM, J. C. S.**
Coherent amplification characteristics of GaAs phased array. 22 p3813 A67-39254
- KIM, J. S.**
Enhancement factor and true absorption of the V.H.F. cosmic radio noise associated with solar flares. 05 p0884 A67-16929
E-W motion of aurorae as observed at Moscow, Idaho. 10 p1651 A67-23344
Orientation of aurora and the concurrent magnetic disturbance. 18 p2667 A67-31511
- KIM, K. I.**
Experimental investigation of the Hall effect in a low-temperature plasma under variable-sign magnetic-field conditions /Eksperimental'noe issledovanie lavlenii Kholla v niotemperaturnoi plazme v usloviakh znakovremennogo magnitnogo polia/. 01 p0120 A67-10175
Experimental investigation of the Hall effect in a low-temperature plasma in a nonhomogeneous magnetic field /Eksperimental'noe issledovanie effekta Kholla v nizkotemperaturnoi plazme v neodnorodnom magnitnom pole/. 09 p1541 A67-21803
Electromagnetic phenomena in a dense plasma with nonequilibrium electric conductivity in a variable magnetic field /Elektromagnitnye lavlenia v plotnoi plazme s neravnovesnoi elektroprovodnost'iu v peremennom magnitnom pole/. 16 p2712 A67-30543
- KIM, M.**
Self-adjusting controllers for linear systems with correlated disturbances. 10 p1618 A67-22732
On the design of optimum distributed parameter system with boundary control function. 11 p1770 A67-24889
- KIM, M. J.**
The effect of plastic deformation on the resistivity and Hall effect of copper-palladium and gold-palladium alloys. 13 p2133 A67-27005
An approximate density of states curve and its relation to the measured electrical resistivity of gold-palladium alloys. 13 p2133 A67-27006
The recovery kinetics of deformed copper-palladium and gold-palladium alloys. 13 p2133 A67-27007
- KIM, P. H.**
Relation of laser induced ion energy to laser power. 10 p1867 A67-23793
Measurement of thermal diffusivity by laser pulse. 21 p3640 A67-38262
Ion emission from metal surface irradiated by giant-pulse laser beam. 23 p4015 A67-41035
- KIM, T. H.**
Energy spectra of inelastic scattering of 28.4-Mev alpha particles. 21 p3659 A67-38401
- KIM, V. M.**
A new installation at the Tyan'-Shan' Mountain station for investigation of strong interactions at energies of 100 to 1000 Bev - First results. 22 p3801 A67-40248
Cross section of interaction between nuclear-active particles and nuclei of iron atoms at energies from 100 to 1000 Gev /Sechenie vzaimodeistviia laderno-aktivnykh chastits s ladrami atomov zheleza v intervalle energii 100-1000 Gev/. 24 p4219 A67-42849
Study of nuclear-cascade avalanches in iron /Izuchenie ladernokaskadnykh lavin v zheleze/. 24 p4219 A67-42850
- KIM, Y. B.**
Microwave flux-flow dissipation in paramagnetically-limited Ti-V alloys. 16 p2727 A67-30821
- KIM, Y. S.**
Perturbed bound-state poles in potential scattering. II. 02 p0270 A67-12637
Radius of the nucleon in a bound-state model. [AIAA PAPER 67-213] 06 p1036 A67-18368
- KIMBERLIN, J.**
The chemical classification of iron meteorites. II. 24 p4237 A67-42650
- KIMBLIN, C. W.**
Electrical conductance decay of interrupted arc columns. 05 p0850 A67-18069
A technique for the measurement of transient electrical conductance of plasma columns /Metod izmereniia nestatsionarnoi elektroprovodnosti plazmennogo stolba/. 17 p2896 A67-32166
- KIMMITT, M. F.**
Amplification and detection of high-power laser pulses at 10.6 mu m. 09 p1514 A67-22273
- KIMOV, B. A.**
Some mechanical and physical properties of the AT13 alloy /Nekotorye mekhanicheskie i fizicheskie svoistva splava AT13/. 07 p1207 A67-19287
- KIMPARA, A.**
Characteristics of radioelectric whistlers at low latitudes during IGY and IQSY /Caracteristiques des sifflements radioelectriques aux basses latitudes pendant l'AGI et les AISC/. 15 p2478 A67-30068
- KIMURA, H.**
A plasma ion gun with Pierce electrode. 04 p0663 A67-14771
- KIMURA, I.**
Measurements of viscosity and thermal conductivity of a partially ionized argon plasma. 05 p0851 A67-16508
Observation of radio wave phenomena in the ionosphere and exosphere. 05 p0763 A67-16866
Measurements of viscosity and thermal conductivity of partially ionized argon plasmas. 15 p2531 A67-30203
Rocket observation of the nighttime ionosphere using the VLF Doppler technique. 19 p3215 A67-35180
On observations and theories of the VLF emissions. 22 p3794 A67-40083
- KIMURA, T.**
An analysis of the piston motion in hypersonic gun tunnel. 05 p0791 A67-16430
Fundamental study of gun shock tunnel. 11 p1773 A67-24577
- KIMURA, Y.**
A study of boundary friction between metal surfaces. 23 p4010 A67-41063
- KIMZEY, J. H.**
Status of lubricants for manned spacecraft. [ASLE PAPER 66AM-7A2] 13 p2123 A67-27100
- KINBER, B. E.**
Asymptotic solution of the diffraction problem for a sphere /Asimptoticheskoe reshenie zadachi difraktsii na sfere/. 02 p0205 A67-12529
Asymptotic solution of the problem of diffraction by a sphere. 14 p2261 A67-28006
The errors in measuring scattering patterns in the Fresnel region. 24 p4120 A67-42229
- KINCAID, W. K.**
Simulation of the in-space visual environment. 12 p1922 A67-25700
- KINCH, M. A.**
Scattering mechanisms in indium antimonide at low temperatures. 01 p0134 A67-10806
Electron-phonon interactions at low temperatures in n-type InSb. 09 p1558 A67-22619
- KINCHLA, R. A.**
A diffusion model of perceptual memory. 21 p3576 A67-39097
- KINDLMANN, P. J.**
Direct electron excitation cross sections pertinent to the argon ion laser. 02 p0253 A67-12520
- KINDRATENKO, A. M.**
Kinetic theory of electromagnetic waves in a laminar plasma medium situated in a magnetic field /Do kinetichnoi teorii elektromagnitnykh khvil' u sharuvato-plazmovomu seredovishchi, shcho znakhodit'sia u magnitnomu poli/. 21 p3663 A67-37860
- KINDSVATER, H. M.**
Design criteria for subliming-solid applications. 15 p2544 A67-29979
- KING-HELE, D.**
Observing earth satellites. 10 p1608 A67-23620
The shape of the earth. 22 p3792 A67-39894
- KING-HELE, D. G.**
The effect of a meridional wind on a satellite orbit. 01 p0146 A67-10255
Odd zonal harmonics in the earth's gravitational potential, determined from fourteen well distributed satellite orbits. 02 p0235 A67-11475
A revaluation of the rotational speed of the upper atmosphere. 05 p0803 A67-17412
The rotational speed of the upper atmosphere. 06 p0993 A67-17564
Rotational speed of the upper atmosphere, from the orbits of satellites 1966-51A, B and C. 10 p1652 A67-23493
Odd zonal harmonics in the geopotential, determined from fourteen well-distributed satellite orbits. 17 p2853 A67-33249
Review of tracking methods. 18 p3003 A67-34235
Orbits determined at the royal aircraft establishment from visual observations - A brief review. 18 p3126 A67-34247
Variations in air density at heights near 150 km, from orbit of the satellite 1966-101G. 19 p3215 A67-35181
Further determinations of upper-atmosphere rotational speed from analysis of satellite orbits. 19 p3216 A67-35182
The variation of air density at a height of 220 km in the first half of 1966. 19 p3222 A67-35458
Table of the earth satellites launched in 1966. 20 p3531 A67-36307

- Rotational speed of the upper atmosphere
An increase with height above 200 km. 21 p3619 A67-38512
- KING, A.**
Use of wind shears in the design of aerospace vehicles. 24 p4242 A67-42918
- KING, A. C.**
The influential aspects of atmospheric disturbances on space vehicle design using statistical approaches for analysis. [AIAA PAPER 67-134] 06 p1096 A67-18359
- KING, B.**
Static and repeated loading characteristics of joints in beryllium structures. 13 p2123 A67-27132
A statistical analysis of beryllium cross-rolled sheet, hot pressed block and ring rolled forgings. 13 p2140 A67-27135
The performance of cross-rolled sheet in structural applications. 13 p2140 A67-27136
- KING, C. D.**
Closing the ecology. 02 p0187 A67-12278
Life support systems on the moon. 02 p0230 A67-12310
- KING, C. W.**
Boeing 737 hydraulic power and control systems design. 09 p1444 A67-22129
philosophy. 09 p1444 A67-22129
Certification of the Sabreliner safe-life structure. [SAE PAPER 670257] 12 p2016 A67-25507
- KING, E. A., JR.**
Lunar Receiving Laboratory. 07 p1164 A67-20021
- KING, F. T.**
Solid organic filters for 2000 angstrom units to 3000 angstrom units. 03 p0470 A67-14393
- KING, G.**
An assessment of epitaxial gallium arsenide for use in Gunn effect devices. 10 p1616 A67-23534
- KING, G. A. M.**
The ionospheric disturbance and atmospheric waves. I - General discussion. 01 p0056 A67-10112
The ionospheric disturbance and atmospheric waves. II. 07 p1171 A67-19418
Ionospheric observations of auroral activity. 18 p3039 A67-33620
- KING, H. E.**
Shaped-beam antennas for satellites. 02 p0212 A67-11606
Characteristics of a tapered anechoic chamber. 16 p2640 A67-31364
- KING, H. J.**
Electron-bombardment thrusters using liquid-mercury cathodes. 13 p2188 A67-26822
Development and testing of a lightweight flight prototype ion engine system. [AIAA PAPER 66-216] 13 p2188 A67-26823
Mercury electron bombardment thruster system. [AIAA PAPER 67-697] 21 p3693 A67-38726
Mercury hollow-cathode plasma bridge neutralizer. [AIAA PAPER 67-671] 21 p3697 A67-38958
System concepts for a liquid mercury cathode thruster. [AIAA PAPER 67-699] 21 p3697 A67-38959
Extraction of dense ion beams from plasmas. 23 p4034 A67-41463
- KING, I. I.**
The yield of excited atoms in a beam formed by charge exchange in a partially ionized gas target. 22 p3852 A67-39987
- KING, I. P.**
Elastic-plastic analysis of two-dimensional stress systems by the finite element method. 10 p1719 A67-23456
- KING, J. A.**
The stress corrosion threat. 04 p0636 A67-14602
- KING, J. H.**
Effects on the solar wind of rotation, self-gravitational attraction, and magnetic fields. 03 p0508 A67-14313
- KING, J. W.**
Atmospheric winds between 100 and 700 km and their effects on the ionosphere. 21 p3654 A67-37994
Topside sounder studies of corpuscular radiation effects on the ionosphere during quiet and disturbed conditions. 24 p4147 A67-42055
The behaviour of the topside ionosphere during storm conditions. 24 p4148 A67-42058
Observations of the topside ionosphere during three solar eclipses. 24 p4148 A67-42059
- Observations of spread ionization in the topside of the ionosphere. 24 p4148 A67-42060
Observations of proton gyro-effects in the topside ionosphere. 24 p4148 A67-42062
The integrated electron content in the equatorial ionosphere. 24 p4148 A67-42063
Diurnal variations of the electron concentration in the topside ionosphere at low and middle latitudes. 24 p4148 A67-42064
- KING, M.**
Real-time electrooptical signal processors with coherent detection. 19 p3197 A67-35887
Systems analysis of radioisotope thermoelectric generators. 24 p4184 A67-42504
- KING, M. K.**
Comment on "spin effects on rocket nozzle performance." 04 p0548 A67-15255
- KING, P. G. R.**
Ring-laser accuracy. 03 p0438 A67-13992
- KING, R.**
Preliminary investigation of the mechanical behavior of three dimensionally reinforced plastics. 03 p0451 A67-13401
- KING, R. E.**
Hydraulic system simulation using time-delay elements. [ASME PAPER 66-WA/AUT-18] 04 p0555 A67-15413
Evaluation of uncertainties in vacuum gauge calibration. 09 p1498 A67-22109
Absolute stability of a class of nonlinear systems containing distributed elements. 23 p3984 A67-40870
Sensitivity analysis of a class of differential-difference systems. 24 p4134 A67-42026
- KING, R. W.**
Applying the ablative heat shield to the Apollo spacecraft. 20 p3454 A67-36590
- KING, R. W. P.**
The imperfectly conducting cylindrical transmitting antenna. 02 p0210 A67-11590
The imperfectly conducting cylindrical transmitting antenna - Numerical results. 02 p0210 A67-11591
Driving-point impedance and current for long resonant antennas. 02 p0212 A67-11605
Current in a scattering antenna embedded in a dissipative half space. 05 p0789 A67-16006
Progress in radio waves and transmission of information. 06 p0982 A67-18071
On the transient response of an infinite cylindrical antenna. 11 p1762 A67-24292
Variationally computed antenna impedances and accuracy of resulting current distributions. 17 p2824 A67-32301
The thick tubular transmitting antenna. 23 p3981 A67-41207
- KING, W. E., JR.**
Application of simulation modeling techniques to spares analysis of airborne systems. 23 p4085 A67-40590
- KING, W. H.**
Diffusion welding of commercially pure titanium. 19 p3234 A67-34792
- KING, W. J.**
Ion implantation as a production technique. 10 p1596 A67-23162
The application of implantation to thin silicon cells. 23 p4046 A67-41488
- KING, W. S.**
On swirling nozzle flows. 22 p3742 A67-40118
- KING, W. W.**
Axial impact of an elastic conical membrane. 17 p2960 A67-32422
- KINGERY, M. K.**
Sliding electrical contact materials for use in ultrahigh vacuum. 11 p1805 A67-24345
- KINGSBURY, J. E.**
New and proposed cryogenic temperature resistant plastics. [SAE PAPER 660638] 04 p0642 A67-15788
- KINGSEP, A. S.**
Nonlinear wave interaction in a weakly turbulent plasma with allowance for ion acoustics /Nelineynye vzaimodelstvlya voln v slaboturbulentnoi plazme s uchastiem ionnogo zvuka/. 16 p2715 A67-31046
- KINGSTON, A. E.**
Excited atoms in decaying optically thick plasmas. 16 p2715 A67-31168
The absorption of X-rays by interstellar gas. 17 p2937 A67-32752
- KINKY, V.**
Plane Hall effect in ferromagnetic metals. 03 p0501 A67-14368
- KINLOCH, H.**
The bending of an orthotropic strip to an anticlastic surface. 22 p3913 A67-40008
- KINMAN, T. D.**
Spectroscopic observations of nineteen quasi-stellar radio sources. 14 p2389 A67-28844
- KINNA, M. A.**
Autoradiography of plastics composite materials for aerospace applications. 02 p0249 A67-12222
- KINNEN, E.**
Lyapunov functions for a class of n-th order nonlinear differential equations. 19 p3250 A67-34842
- KINNEY, R. A.**
Modeling errors in microwave plasma diagnostics employing the reflection coefficient. 20 p3499 A67-36959
- KINNEY, R. B.**
Skin-friction drag of a constant-property turbulent boundary layer with uniform injection. 10 p1625 A67-23111
Universal velocity similarity in fully turbulent rotating flows. [ASME PAPER 67-APM-23] 17 p2838 A67-32416
- KINNEY, W. D.**
Lunar surface accessibility for manned missions, 1968-1988. 07 p1255 A67-19990
Lunar surface accessibility for manned missions, 1968-1988. [AAS PAPER 66-131] 13 p2209 A67-27542
- KINNEY, W. R.**
ETR time synchronization. 20 p3414 A67-36535
- KINNIMENT, D. J.**
High-speed analogue-digital converter. 04 p0593 A67-15636
- KINO, G. S.**
The excitation of a probe placed near a semiconductor. 07 p1154 A67-19790
Measurement of the velocity-field characteristic of gallium arsenide. 09 p1551 A67-21573
The accuracy of numerical solutions for electron gun design. 14 p2287 A67-28677
A two-dimensional discharge theory. 19 p3277 A67-35126
- KINOSHITA, N.**
Relation of laser induced ion energy to laser power. 10 p1667 A67-23793
- KINOSHITA, Y.**
Fluctuation of optical path in a turbulent atmosphere. 18 p3000 A67-34025
- KINSEL, T. S.**
224 Mc/s optical pulse code modulator. 01 p0033 A67-10013
- KINSER, D. E.**
Optimum structural design with failure probability constraints. 14 p2399 A67-28122
- KINSLOW, M.**
Nonequilibrium expansion of a diatomic gas through a convergent-divergent nozzle. 02 p0180 A67-12547
- KINSLOW, R.**
Stress waves in laminated materials. [AIAA PAPER 67-140] 06 p1102 A67-18289
- KINZER, G. R.**
A cryogenic heat-flow-meter apparatus. 22 p3803 A67-40298
- KINZLY, R. E.**
A new interferometer capable of measuring small optical path differences. 05 p0807 A67-16789
- KIPPENHAHN, R.**
Evolution in double star systems. II /Entwicklung in engen Doppelsternsystemen. II/. 11 p1864 A67-24581
Methods for calculating stellar evolution. 14 p2392 A67-28995
- KIPRIANOV, I. A.**
Fundamental solutions of partial differential equations with a differential Bessel operator /O fundamental'nykh resheniyakh uravneniy v chastnykh proizvodnykh s differentsial'nym operatorom Bessela/. 01 p0105 A67-10676
- KIRAKOSIAN, R. M.**
An elastoplastic problem of a truncated conical shell of revolution /Ob odnoy uprugoplasticheskoi zadache usechenno-konicheskoi obolochki vrashcheniya/. 19 p3341 A67-35631
- KIRALY, P.**
The Lorentz principle and the general theory of relativity. V. 23 p4028 A67-41187
- KIRBY, R. C.**
Satellite communications - A renewed challenge in resource utilization. [AAS PAPER 67-78] 15 p2437 A67-29945

- KIRBY, R. K.**
An apparatus for measuring thermal expansion at elevated temperatures. 16 p2677 A67-31542
- KIRBY, T. B.**
Modified hypersensitization procedure for Eastman Kodak I-Z spectroscopic plates. 18 p3047 A67-33883
- KIRCH, O.**
Calculation of the coupled fundamental frequencies of blades of axial-flow turbines /Zur Berechnung gekoppelter Eigenfrequenzen von Schaufeln axialer Turbomaschinen/. 13 p2217 A67-26744
- KIRCHGAESSNER, K.**
On stationary points of nonlinear maximum-problems in Banach spaces. [DVL-642] 04 p0594 A67-15880
- KIRCHMAYR, H. R.**
Investigation of the binary systems of manganese with yttrium, samarium, gadolinium, dysprosium, holmium, and erbium by the amalgam method /Untersuchungen an den Systemen des Yttriums, Samariums, Gadoliniums, Dysprosiums, Holmiums und Erbiums mit Mangan unter Benutzung des Amalgamverfahrens/. 07 p1210 A67-20111
- KIRCHNER, H.**
Superconducting switching and storage elements /Supraleitende Schalt- und Speicherelemente/. 06 p0972 A67-18433
- KIRCHOFF, P. W.**
High-torque control moment gyros for spacecraft control. 15 p2486 A67-29307
- KIRDIASHEV, K. P.**
Spatial isotropic filtering of correlated noise background. 03 p0368 A67-13276
- KIRDIASHKIN, A. G.**
Free convection heat transfer in horizontal channels and over a horizontal surface. 24 p4255 A67-42587
- KIRDINA, G. A.**
Investigation of radiation intensity in the radiation belts of the earth by means of the artificial earth satellite "Cosmos-17." 11 p1856 A67-24074
- KIREEV, V. T.**
Formation of steady-state mixing in a wake /O formirovani statsionarnogo smesheniya v aerodinamicheskoy sledke/. 18 p2984 A67-34203
- KIREVA, G. B.**
Stability of a circular cylindrical shell consisting of a nonlinearly elastic material under longitudinal compression /Ustoychivost' prodol'no-szhato krugovoi tsilindricheskoj obolochki iz nelineino-uprugogo materiala/. 14 p2401 A67-28737
- KIRENSKII, L. V.**
Superhigh frequency properties of multilayer film systems. 08 p1368 A67-20606
- KIRENSKII, L. V.**
Multilayer thin-film systems. 08 p1369 A67-20811
- KIRENSKII, L. V.**
Algal continuous culture as a component of the closed ecological system /Nepriyvnaia kul'tura mikrovdorosel v kachestve zvena zamknutoi ekologicheskoi sistemy/. 24 p4114 A67-41844
- KIRENSKII, L. V.**
Gas exchange between man and a microalgae culture during a 30-day experiment /Gazooobmen mezdu chelovekom i kul'turoi mikrovdorosel v 30-sutochnom eksperimente/. 24 p4114 A67-41845
- KIRENSKY, L. V.**
Experimental biological life support system. II. 19 p3180 A67-35236
- KIRINTSEV, A. N.**
Mathematical theory of zone leveling /Matematicheskaya teoriya zonnogo vyvazhivaniya/. 01 p0127 A67-10074
- KIRIANOV, A. G.**
Nonlinear distortions of a modulated signal /O nelineynykh iskazheniyakh modulirovannogo signala/. 22 p3763 A67-40478
- KIRICHENKO, A. M.**
Influence of a spherical cavity on the stressed state of an elastic medium, taking moment stresses into account /Vliyanie sfericheskoi polosti na napriazhennoe sostoyanie uprugoi sredy pri uchete momentnykh napriazhenii/. 21 p3720 A67-38301
- KIRICHOK, P. P.**
X-ray analysis of a mixed ferrite with spinel structure in the region of magnetic transformation temperatures /Rentgenovskoe izuchenie smeshannogo ferrita so strukturoi shpinneli v oblasti temperatur magnitnogo prevrashcheniya/. 08 p1372 A67-21492
- KIRICHOK, P. P.**
X-ray spectral study of spinel-type ferrites /Rentgenospektral'noe izuchenie ferritov tipa shpinneli/. 18 p3095 A67-33444
- KIRICHUK, A. S.**
Effect of temperature on the impact ionization coefficient in silicon carbide /O villanii temperatury na koeffitsient udarnoi ionizatsii v karbide kremniya/. 05 p0865 A67-16916
- KIRILLIN, A. V.**
The effect of temperature on the impact ionization in silicon carbide. 16 p2727 A67-30893
- KIRILLIN, A. V.**
Experimental determination of the thermal conductivities of argon plasmas. 14 p2404 A67-28031
- KIRILLIN, A. V.**
Experimental investigation of the heat conductivity coefficient of an argon plasma /Opytne opredelenie koeffitsienta teploprovodnosti plazmy argona/. 17 p2895 A67-32157
- KIRILLOV-UGRIUMOV, V. G.**
Investigation of high-energy muons by means of a complex installation /Issledovanie mluonov vysokikh energii s pomoshch'yu kompleksnoi ustanovki/. 02 p0317 A67-12770
- KIRILLOV-UGRIUMOV, V. G.**
Nonelectromagnetic reactions of superhigh-energy muons /Neelektromagnitnye vzaimodelstviya mluonov sverkhvysokikh energii/. 02 p0317 A67-12771
- KIRILLOV-UGRIUMOV, V. G.**
Investigation of the energy spectrum of cosmic muons by means of electron-photon showers /Issledovanie energeticheskogo spektra kosmicheskikh mluonov posredstvom elektronno-fotonnykh llnvel/. 02 p0317 A67-12772
- KIRILLOV-UGRIUMOV, V. G.**
Investigation of high-energy muons by means of a complex installation. 22 p3877 A67-40272
- KIRILLOV-UGRIUMOV, V. G.**
Nonelectromagnetic interactions of ultrahigh energy muons. 22 p3877 A67-40273
- KIRILLOV-UGRIUMOV, V. G.**
Investigation of the energy spectrum of cosmic ray muons by means of electron-photon showers. 22 p3877 A67-40274
- KIRILLOV-UGRIUMOV, V. G.**
Investigation of electron-photon cascades in iron in an energy range of approximately 10 super 12 ev /Issledovanie elektronno-fotonnykh kaskadov v zheleze v oblasti energii priblizhenno 10 super 12 ev/. 24 p4221 A67-42869
- KIRILLOV, I. I.**
Study of variable aerodynamic forces in a turbine grid with a nonstationary flow passage /Issledovanie peremennnykh aerodinamicheskikh sil v turbinnoi reshetke, obtekaemol nestatsionarnym potokom/. 07 p1125 A67-19135
- KIRILLOV, I. R.**
Experimental study of an asynchronous MHD generator with a liquid-metal working fluid under conditions of self-excitation /Eksperimental'noe issledovanie asinkhronnogo MGD-generatora s zhidkometallicheskim rabochim telom v rezhime samovozbuzhdeniya/. 06 p0951 A67-18683
- KIRILOV, P. K.**
Reversible dekatron counter pulse-to-voltage converter /Reversivnyi dekatronnyi schetchik-preobrazovatel' chisla impuls'ov v napriazhenie/. 03 p0425 A67-14265
- KIRILOV, P. K.**
Reversible dekatron scaler with digital-to-analog conversion. 14 p2321 A67-28777
- KIRILLOV, P. L.**
Electrical conductivity measurements in a mixture of liquefied and vaporized potassium /Izmerenie elektroprovodnosti parozhidkostnoi smesi kal'ia/. 16 p2712 A67-30575
- KIRILLOV, P. L.**
Liquid metal injection in MHD converters /Magnetanle zhidkikh metallov dlia MGD preobrazovatelei/. 16 p2806 A67-30587
- KIRILLOVA, F. M.**
Construction of successive approximations for several optimal control problems. 01 p0043 A67-10236
- KIRILLOVA, F. M.**
Extension of the Pontryagin maximum principle to discrete systems /K voprosu o rasprostraneni printsiipa maksimuma L. S. Pontryagina na diskretnye sistemy/. 05 p0782 A67-16320
- KIRILLOVA, F. M.**
Problem of controllability of linear systems with an aftereffect /K probleme upravlaemosti llnelnykh sistem s posledetstviem/. 14 p2291 A67-28384
- KIRILLOVA, F. M.**
Extending L. S. Pontryagin's maximum principle to discrete systems. 18 p3017 A67-33871
- KIRILLOVA, F. M.**
Functional analysis in the theory of optimal processes. 20 p3377 A67-37034
- KIRILLOVA, M. M.**
Interband transitions in molybdenum /Mezhdupolosnye perekhody v molibdene/. 20 p3466 A67-36865
- KIRIN, I. U. M.**
Method for measuring laser frequency variations /Ob odnom metode izmeneniya chastoty opticheskikh kvantovykh generatorov/. 03 p0433 A67-13094
- KIRIN, N. E.**
An iterative method for the solution of extremal problems. 14 p2341 A67-27840
- KIRIUSHCHENKO, A. I.**
Measurement of electron temperature in a low-voltage cesium arc. 02 p0275 A67-12470
- KIRK, C. L.**
Vibration characteristics of a circular plate with a concentric reinforcing ring. 13 p2216 A67-26534
- KIRK, C. L.**
Compounded normal modes of free vibration of cantilever plates. 20 p3541 A67-37491
- KIRK, D. E.**
Optimization of systems with pulse-width-modulated control. 19 p3199 A67-34783
- KIRK, J. A.**
Experience with a V-STOL tunnel. 22 p3780 A67-40063
- KIRK, J. N.**
The potential of low-resolution radar imagery in regional geologic studies. 06 p0994 A67-17833
- KIRK, K. W.**
Air-to-air propagation characteristics at extreme ranges. 02 p0202 A67-12122
- KIRK, P.**
Deaggregation of chlorophyll a by xanthophylls. 09 p1454 A67-21990
- KIRK, P. S.**
Asymptotic method of solution of the frozen dissociated laminar boundary-layer flow over a flat-plate surface with arbitrarily distributed catalyticity. 11 p1781 A67-24573
- KIRK, R. L.**
Snapshot - The first space test of a reactor power unit. 16 p2701 A67-30638
- KIRK, W. H.**
Acceptance vibration testing - Cost vs benefit. 05 p0813 A67-17248
- KIRKBY, C. J.**
Analysis of the EPR spectrum of ruby using variance techniques. 15 p2536 A67-29499
- KIRKBY, L. L.**
An analytical study of the stability of a laminar diffusion flame. 02 p0342 A67-12028
- KIRKLAND, V. D.**
Design requirements for commercial space stations. 15 p2557 A67-29961
- KIRKLAND, V. D.**
[AAS PAPER 67-113] Reactor power systems for manned earth orbital applications. 24 p4186 A67-42548
- KIRKLAND, V. E.**
Retinal circulation in man during plus G sub z acceleration. 23 p3957 A67-41638
- KIRKLAND, V. E.**
Retinal fluorescence angiography during blackout on the human centrifuge. 23 p3957 A67-41639
- KIRKMAN, D. W. T.**
Some practical applications of "sealed" nickel cadmium batteries with charging arrangements adopted for various operational regimes. 09 p1446 A67-22189
- KIRKMAN, R. A.**
Failure prediction in electronic systems. 04 p0581 A67-14879
- KIRKPATRICK, A.**
Wake plasma turbulence study using an electrostatic probe array. 17 p2861 A67-33023
- KIRKPATRICK, J. P.**
Thermal testing techniques at high solar intensities. 24 p4139 A67-42043
- KIRKPATRICK, M. E.**
Development of porous ionizer materials. [AIAA PAPER 66-221] 08 p1341 A67-20576
- KIRLIN, R. L.**
Hard-limiter intermodulation with low input signal-to-noise ratio. 20 p3385 A67-37356
- KIRNOZOV, F. F.**
Preliminary results of measurements of gamma radiation from the lunar surface by the Luna 10 space vehicle /Predvaritel'nye rezul'taty izmerenii gamma-izlucheniya lunnoi poverkhnosti na kosmicheskoi stantsii "Luna-10"/. 05 p0887 A67-16055
- KIRNOZOV, F. F.**
Gamma investigation of the moon and composition of the lunar rocks. 19 p3319 A67-35258
- KIRNOZOV, F. F.**
Measurements of gamma radiation of the lunar surface by the Luna-10 space station. 21 p3701 A67-37842

- KIROCHKIN, I. U. A.**
Scattering and transformation of waves in a magnetoactive plasma. 08 p1358 A67-20863
- KIROV, K.**
Impulse method for studying trapping centers of CdS-type crystals /Impulsmethode zur Untersuchung der Haftstellen in Kristallen vom CdS-Typ/. 03 p0487 A67-12807
- KIROVSKAIA, I. A.**
Heats of adsorption of gases on semiconductors of the zinc blende type. 03 p0496 A67-13646
- KIRPICHNIKOV, K. S.**
Effect of small additions of refractory elements on the structure and properties of sheets of aluminum alloy containing 5 percent Zn and 2 percent Mg /Vliianie malykh dobavok tugoplavkikh elementov na strukturu i svoystva listov iz aluminievogo splava, soderzhashchego 5 percent Zn i 2 percent Mg/. 07 p1201 A67-19254
- Effect of small additions of refractory elements on the structure and properties of aluminum-alloy castings containing 5 percent Zn and 2 percent Mg /Vliianie malykh dobavok tugoplavkikh elementov na strukturu i svoystva slitkov aluminievogo splava, soderzhashchego 5 percent Zn i 2 percent Mg/. 07 p1201 A67-19255
- KIRPICHNIKOV, S. N.**
Optimal trajectories between material points moving on the same orbit. 14 p2382 A67-27852
- Certain questions of constructing extremal impulse trajectories in a central field /Nekotorye voprosy postroeniya eksremal'nykh impul'snykh traektorii v tsentral'nom pole/. 20 p3522 A67-36617
- KIRS, I. A.**
Thermally and optically stimulated phenomena in single crystals of cadmium sulfide /Termicheski i opticheski stimulirovannyye yavleniya v monokristallakh sulfida kadmia/. 01 p0134 A67-10820
- KIRSCH, A. L.**
The AN/GSC-10 /Kathryn/ variable rate data modem for HF radio. 14 p2272 A67-28705
- KIRSCH, E.**
Rocket experiment for the investigation of auroras /Raketenexperiment zur Untersuchung von Nordlichtern/. 23 p3997 A67-41333
- KIRSCH, R.**
Problem of measuring the electrical conductivity of a flowing plasma, taking into account the author's own investigations /Zum Problem der Messung der elektrischen Leitfahigkeit eines stromenden Plasmas unter Beruecksichtigung eigener Versuche/. 17 p2900 A67-32343
- KIRSCHBAUM, H. S.**
Nuclear rocket engine controls. [AIAA PAPER 66-1005] 03 p0466 A67-14150
- KIRSCHNER, T. J.**
Heat sterilizable solid propellant motor designs for interplanetary missions. [AIAA PAPER 66-973] 02 p0304 A67-12295
- Heat-sterilizable solid propellant motor designs for interplanetary missions. 13 p2188 A67-26833
- KIRSENKO, M. O.**
Partially invariant relay systems /Chastkova invariantnaya releinikh sistem/. 03 p0389 A67-13085
- KIRSH, A. A.**
Fluid flow through a system of parallel cylinders positioned perpendicular to the flow at small Reynolds numbers /Technie zhidkosti v sisteme parallel'nykh tsilindrov, raspolozhennykh perpendikulyarno potoku, pri malykh chislakh Reynolda/. 06 p0991 A67-18819
- KIRSHNER, J. M.**
A theoretical and experimental study of vortex rate gyro. 14 p2318 A67-28340
- KIRSTEIN, A. F.**
Deflection of centrally loaded thin circular elastic plates on equally spaced point supports. 05 p0917 A67-16366
- Symmetrical bending of thin circular elastic plates on equally spaced point supports. 10 p1720 A67-23569
- KIRSTEN, C.**
Surveyor spacecraft telecommunications. 02 p0196 A67-11998
- KIRSTEN, E.**
Theory of wave propagation in partially ionized plasmas with internal relaxation processes. 19 p3290 A67-35375

- KIRSTEN, T.**
Light and heavy rare gases in four fragments of the St. Severin meteorite. 16 p2750 A67-31435
- KIRTMAN, B.**
Extended-average-energy method for perturbation problems. 07 p1137 A67-20186
- KIRTON, J.**
Correlation of electron paramagnetic resonance and optical-absorption spectra of CaF sub 2 -Yb super 3 super plus. 12 p1984 A67-25843
- KIRVALDZE, I. D.**
Algebraic sign of the thermal EMF in a metal/semiconductor friction contact /O znake termo-E.D.S.V friktsionnom kontakte metall-poluprovodnik/. 20 p3503 A67-36123
- KIRZHITS, D. A.**
Thermodynamic properties of superconducting thin films /Termodinamicheskie svoystva tonkikh sverkhprovodlashchikh plenok/. 04 p0686 A67-15974
- Plasma oscillations of the electron shell of the atom. 08 p1355 A67-20860
- KISEL, V. A.**
Optimum representation of signals with a limited spectrum by a truncated Kotelnikov series /Ob optimal'nom predstavlenii signalov s ogranichenym spektrom ushechnym riadom Kotelnikova/. 11 p1769 A67-23906
- The optimal representation of a signal with bounded spectrum by a truncated Kotelnikov series. 21 p3604 A67-38934
- KISELEV, A. A.**
Three-phase AC plasmotrons /Trekhfaznye plazmatrony peremennogo toka/. 09 p1446 A67-22326
- Problems of automation of operative medical control in space flight /Problemy avtomatizatsii operativnogo vrachebnogo kontrolla v kosmicheskoy poletе/. 16 p2618 A67-30902
- KISELEV, I. E.**
Ionizer with a three-electrode electron gun and an ionization efficiency of 2.10 super -3. 18 p3080 A67-33722
- KISELEV, M. I.**
Influence of optical absorption of the radiation orientation of spacecraft. 12 p2011 A67-25655
- Automodel motion in magneto-gas dynamics involving variable conductivity. 16 p2724 A67-31782
- Small oscillations of black and white bodies stabilized by light pressure /O malykh kolebaniyakh cherno-belykh tel, stabilizirovannykh svetovym davleniem/. 21 p3713 A67-38598
- KISELEV, O. N.**
Certain problems of the synthesis of a class of optimal nonlinear filters /Nekotorye voprosy sinteza odnogo klassa optimal'nykh nelineynykh fil'trov/. 05 p0782 A67-16318
- Some problems of synthesis of one class of optimal nonlinear filters. 18 p3017 A67-33869
- KISELEV, V. A.**
Coaxial plasma gun in a longitudinal magnetic field. 06 p1039 A67-18084
- Device with a visual record of the H component of the geomagnetic field. 12 p1941 A67-25556
- Coaxial plasma gun in a longitudinal magnetic field /Koaksial'naya plazmennaya pushka v prodol'nom magnitnom pole/. 15 p2525 A67-29253
- KISELEV, V. F.**
Effect of a surface oxide film on the electrophysical surface properties of germanium. 08 p1367 A67-20412
- KISELEVA, M. V.**
Conditions of radio communications at high latitudes during years of decreasing solar activity /Ob usloviyakh radiosvlyaz v vysokikh shirotakh v gody spada solnechnoi aktivnosti/. 02 p0193 A67-11660
- Radio communications conditions at high latitudes in years of decreasing solar activity. 16 p2624 A67-31075
- KISELEVA, S. S.**
Effect of heat treatment in various media on the properties of CdTe films with abnormally high photovoltage /Vliianie termooobrabotki AFN-plenok CdTe v razlichnykh sredakh na ikh svoystva/. 22 p3861 A67-39924
- KISELEVSKII, L. I.**
Interaction of supersonic jets under pulse conditions. 09 p1544 A67-21855
- The mechanism of the electrode erosion

- produced by supersonic flares in a pulse discharge. 16 p2724 A67-31775
- Application of spectroscopic techniques to low-temperature plasma diagnostics /Primeneniye spektroskopicheskikh metodov dlia diagnostiki nizkotemperaturnoi plazmy/. 17 p2896 A67-32161
- KISELEVSKII, V. N.**
Analysis of endurance strength criteria /Analiz kriteriev dlitel'noi prochnosti/. 12 p2032 A67-25964
- KISH, A. J.**
Metallography of 5Al-2.5Sn titanium alloy. 08 p1340 A67-20365
- KISHIDA, H.**
A simple method for estimating an enhanced ionization in the lower ionosphere. 10 p1634 A67-23059
- KISHKIN, S. T.**
Structural transformations in titanium alloys /Strukturnyye prevrashcheniya v titanovykh splavakh/. 07 p1205 A67-19271
- KISHNEV, V. V.**
Construction of a mathematical model for the process of titanium slag chlorination in melts /O postroenii matematicheskoi modeli protsessov khlorirovaniya titanovykh shlakov v rasplave/. 04 p0687 A67-14945
- KISIS, A. I. U.**
Contactless flowmeter for electrically conducting fluids /Ob odnom beskontaktnom izmerenii skorosti techeniya elektroprovodiaschel'nykh zhidkostei/. 04 p0624 A67-15531
- KISLIAKOV, A. G.**
Measurement of the atmospheric absorption of radio waves in the range from 1.36 to 3.0 mm /Izmereniye atmosfernogo pogloshcheniya radiovoln v diapazone 1,36-3,0 mm/. 05 p0761 A67-16343
- KISLIAKOV, A. I.**
Effect of turbulence on the accuracy of microwave cutoff measurements of plasma density. 22 p3845 A67-39430
- KISLIAKOV, O. V.**
High-transmission spectrometer for the charges of primary cosmic ray nuclei /Svetosil'nyi spektrometr zaryadov pervichnykh iader kosmicheskikh luchei/. 09 p1497 A67-21898
- KISLIUK, P.**
Radiation from the super 4 T sub 2 state of Cr super 3 super plus in ruby and emerald. 21 p3676 A67-37816
- KISLIUK, V. S.**
Catalog of selenocentric positions for a total of 500 reference points on the lunar surface /Katalog selenotsentricheskikh polozhenii 500 bazisnykh tochek na poverkhnosti lunny/. 17 p2949 A67-33119
- Motion of the lunar image in horizontal telescopes without a coelostat arrangement /O dvizhenii izobrazheniya lunny v gorizontallynykh teleskopakh bez tselostatnoi ustanovki/. 17 p2950 A67-33130
- KISLOV, V. Y.**
Oscillations in a beam generated plasma. 09 p1546 A67-22282
- KISLOVSKII, L. D.**
Transmittance by illuminated silicon in the long-wave infrared part of the spectrum /Propuskanie prosvetlennogo kremniya v dlinnovolnovoi infrakrasnoi oblasti spektra/. 03 p0488 A67-12891
- Transmittance of antireflection-coated silicon in the far infrared. 06 p1054 A67-18769
- KISLYI, P. S.**
Investigation of the sintering of zirconium diboride - Molybdenum disilicide alloys /Issledovanie spekaniya splavov diborida tsirkonia s disilitsidom molibdena/. 01 p0102 A67-11242
- The mechanism of shrinkage of zirconium diboride during sintering. 03 p0456 A67-14191
- Sintering of alloys of zirconium diboride with molybdenum disilicide. 17 p2875 A67-33167
- High-temperature nonmetallic thermocouples and sheaths. 19 p3227 A67-34922
- KISMAN, S.**
Ionospheric data as obtained by a rocket in Indonesia. 19 p3219 A67-35232
- KISNER, D. M.**
Performance evaluation of intercept/rendezvous guidance and navigation for advanced space missions. 17 p2882 A67-32493
- Monte Carlo performance analysis of lunar rendezvous guidance. 22 p3832 A67-39965

- KISS, A.**
Michelson interferometer used as a tunable mirror in laser resonators. 23 p4013 A67-40902
- KISS, I.**
Theoretical study of the grinding process. 19 p3236 A67-35725
- KISSEL, G.**
Altitude controller for VTOL aircraft /Hoehenregler fuer VTOL-Flugzeuge/. 03 p0363 A67-12981
- KISSELBACH, V. J.**
Atmospheric water vapor and attenuation of the cosmic-ray nucleonic component. 03 p0505 A67-12958
- KISSEN, A. T.**
A new versatile miniature multi-channel personal telemetry system for medical research. 14 p2259 A67-28688
New approach for on-line, continuous determination of oxygen consumption in human subjects. 18 p2995 A67-34711
- KISTEMAKER, J.**
Evidence for a coherent deceleration of an electron beam during the electron plasma frequency instability. 11 p1827 A67-23890
Excitation of ion oscillations by beam-plasma interaction. 14 p2360 A67-28553
- KISTIAKOWSKY, G. B.**
Ethylene-oxygen reaction in shock waves. 20 p3376 A67-36232
- KISTLER, C. W., JR.**
Control of composite microstructure through the use of coated filaments. [AIAA PAPER 67-175] 06 p1019 A67-18441
- KISTOVA, E. M.**
Some properties of the ternary compound GaAs sub 1 sub minus x P sub x, doped with tellurium /Nekotorye svoystva troinogo soedineniia GaAs sub 1 sub minus x P sub x, legirovannogo tellurom/. 10 p1694 A67-23656
Some properties of the ternary compound GaAs sub 1 sub -x P sub x doped with tellurium. 17 p2923 A67-33337
- KIT, B. V.**
Some astrodynamical aspects of lunar communications using satellites. 16 p2822 A67-30730
The lifetime of artificial satellites in low-altitude orbits /Die Lebensdauer kuenstlicher Satelliten in niedrigen Umlaufbahnen/. 18 p3136 A67-33550
- KIT, G. S.**
Determination of the stationary temperature field and stresses in the vicinity of a slit possessing heat resistance. 21 p3729 A67-39007
- KITA, S.**
Millimeter wave parametric down-converter using silver-bonded diode at breakdown region. 01 p0033 A67-10028
- KITADE, A.**
Holographic spectra using a triangle path interferometer. 09 p1497 A67-21766
- KITAEVA, V. F.**
Electron temperature in an electric discharge applied to an argon ion laser /Ob elektronnnoi temperature v elektricheskom razriade, primeniaemom dlia argonovogo ionnogo OKG/. 01 p0090 A67-10550
Electron temperature in the electric discharge used for the argon ion laser. 01 p0091 A67-11058
Spectroscopic studies of gas discharges used for argon ion lasers. 05 p0823 A67-16680
Spectroscopic study of a gas discharge for argon ion lasers /Spektroskopicheskoe issledovanie gazovogo razriada dlia argonovykh ionnykh opticheskikh kvantovykh generatorov/. 15 p2501 A67-30003
Level population in pulsed argon-ion laser. 17 p2867 A67-32452
Spectroscopic investigation of gas discharge for argon ion-optical lasers. 18 p3059 A67-33760
Ionization rate in an electrical discharge used for an argon ion laser /O skorosti ionizatsii v elektricheskom razriade, primeniaemom dlia argonovogo ionnogo OKG/. 18 p3061 A67-34044
- KITAGAWA, T.**
Relation of meteor stream to natural ice nuclei and precipitation. 13 p2205 A67-27461
- KITAHIRO, I.**
Thermoelectric power of vanadium dioxide whisker. 05 p0864 A67-16898
- KITAJIMA, K.**
On the mechanism of cleavage fracture of crystals. 16 p2772 A67-31303
- KITAO, K.**
Shear stabilization of density gradient drift instabilities. 22 p3845 A67-39483
- KITAZIMA, I.**
GaAs laser pumped by ruby laser. 14 p2329 A67-27831
- KITCHING, R.**
A lower bound to the limit pressure of a cylindrical pressure vessel with an unreinforced hole. 08 p1421 A67-20921
- KITRILAKIS, S. S.**
The output characteristics of an electroetched rhodium surface. 09 p1447 A67-22332
Thermionic converter performance in presence of inert gases. 09 p1448 A67-22339
The influence of CsF on the work function of a tungsten surface. 09 p1450 A67-22354
Oxygen as a steady-state electronegative additive in a cesium thermionic converter. 09 p1450 A67-22355
- KITSENKO, A. B.**
On the spectrum of longitudinal plasma oscillations. 12 p1970 A67-25255
Radiation by a charged particle, moving in a spiral line through the surface of the interface of two dielectrics /Ob izlucheni izlazhennoi chastitsy, dvizhushcheisla po vintovoi linii cherez poverkhnost' razdela dvukh dielektrikov/. 15 p2520 A67-29714
- KITTELSEN, K. E.**
Measurement and description of shock. 16 p2671 A67-31022
- KITTLE, P. A.**
Analysis and calibration of tubular flowmeters. 13 p2120 A67-26932
- KITTLER, D.**
GaAs laser reflectance measurements of tactical landing terrain samples. 17 p2858 A67-32483
- KITTLESON, D. B.**
Perfluorocyclobutane-fluorine combustion studies. [CI PAPER 67-23] 19 p3345 A67-35013
- KITTO, G. B.**
Malate dehydrogenases. 11 p1750 A67-24784
- KITTREDGE, C. P.**
Elbow meters. 03 p0422 A67-13779
- KITTS, E. L., JR.**
Two-phonon absorption in ultrasonic paramagnetic resonance of uranium-doped calcium fluoride. 14 p2365 A67-28295
- KIUNNAP, E.**
Speech commands in control systems /Ustnye komandy v sistemakh upravleniia/. 01 p0016 A67-10823
- KIUSALAAS, J.**
Toroidal-type shells free of bending under uniform normal pressure. 02 p0336 A67-11589
- KIVEL, B.**
Excited states of negative ions of atomic oxygen. 04 p0661 A67-15764
- KIWAN, A. R.**
A remark on the singular Cauchy problem, for all values of the time, for the Euler-Poisson-Darboux equation. 02 p0260 A67-12431
- KIYAMA, S.**
Observation of the ion resonance by an RF probe. 04 p0663 A67-14616
Ion resonance probe for the measurement of plasma densities. 21 p3627 A67-38258
- KIYONO, T.**
Monte Carlo path-integral calculations for two-point boundary-value problems. 20 p3475 A67-36481
- KIZER, D. E.**
Iridium coatings for the protection of graphite reentry structures. 20 p3465 A67-36607
- KIZIMA, G. A.**
Shells of zero Gaussian curvature with meridional ribs /Obolochki nulevoi gaussovoi krivizny s meridional'nymi rebrami/. 21 p3718 A67-37980
- KIZYMA, IA. M.**
Joint torsion of a rod and half-space /Sovmestnoe kruchenie sterzhnia i poluprostranstva/. 11 p1879 A67-24884
- KJEKSHUS, A.**
On the semiconducting properties of PtAs sub 2. 03 p0488 A67-12926
- KLAASSEN, F. M.**
High-frequency noise of the junction field-effect transistor. 21 p3597 A67-38569
- KLAUEI, E.**
Impedance measurements of a RF discharge in a single turn coil with a superimposed static magnetic field. 19 p3276 A67-35119
- KLAGER, K.**
Recent advances in solid propellant binder chemistry. 08 p1373 A67-20875
- KLAGES, H.**
Fourier spectrometry based on grating resonances. 20 p3437 A67-36338
- KLAINER, S. M.**
The monitoring of gaseous contaminants in the atmosphere using radioactive clathrate techniques. 05 p0843 A67-16550
- KLAMKA, J.**
Silicon varactors and their electrical characteristics /Waraktory krzemowe i ich wlasciwosci elektryczne/. 04 p0581 A67-14920
Series resistance of microwave varactor diodes /Zagadnienie opornosci szeregowej waraktorow mikrofalowych/. 12 p1912 A67-25280
- KLAMKA, N.**
Control - A systems management problem /Regelung - Ein systemfuehrungsproblem/. 18 p3162 A67-33636
- KLAMKIN, M. S.**
A duality relation in differential equations and some associated functional equations. 07 p1217 A67-20020
- KLAMM, C. F., JR.**
Stability of passive time-variable circuits. 05 p0785 A67-17300
- KLAMUT, C. J.**
Evaluation of Li, Na, K, Rb, and Cs boiling and condensing in Nb-1 percent Zr capsules. 07 p1223 A67-19464
- KLARMANN, J.**
An apparently high flux of primary cosmic-ray He-nuclei at 41 deg N mag. 17 p2939 A67-33237
- KLASSEN, D. M.**
Reassignment of the luminescence from ruthenium /II/ complexes. 19 p3181 A67-35880
- KLASSMANN, W.**
The use of conditioned distribution functions in the theory of gas plasmas /Ueber die Verwendung bedingter Verteilungsfunktionen in der Theorie der Gasplasmen/. 21 p3675 A67-38931
A hydrodynamic description of plasmas within the framework of the BBGKY hierarchy /Eine hydrodynamische Beschreibung des Plasmas im Rahmen der BBGKY-Hierarchie/. 21 p3675 A67-38932
- KLAUS-HORNEFFER**
Galilean relativity principle in analytical mechanics /Das Galleische Relativitaetsprinzip in der analytischen Mechanik/. 05 p0846 A67-16735
- KLAUS, E. E.**
Thermal stability characteristics of some mineral oil and hydrocarbon hydraulic fluids and lubricants. 16 p2695 A67-31754
- KLAUSEN, K.**
Cardiac output in man in rest and work during and after acclimatization to 3,800 M. 10 p1598 A67-23392
Effect of high altitude on maximal working capacity. 10 p1598 A67-23393
- KLAVINS, A.**
An existing facility for scramjet testing the wave superheater hypersonic tunnel. [AIAA PAPER 67-182] 06 p0980 A67-18343
An existing facility for scramjet testing - The wave superheater. [AIAA PAPER 67-182] 19 p3208 A67-35767
- KLEBANOFF, P. S.**
Space-time correlations in turbulence. 11 p1780 A67-24541
Higher-order correlations in a turbulent field. 13 p2082 A67-26278
Correlation measurement in a turbulent flow using high-speed computing methods. 22 p3783 A67-39704
- KLEBER, P.**
The 2-meter space simulation chamber of the DVL. 09 p1485 A67-22123
- KLECZEK, J.**
Neutrino astronomy /Neutrinova astronomie/. 09 p1563 A67-21651
Type IV bursts and associated active regions. 12 p1993 A67-25131
- KLEIMAN, H. S.**
The integrated circuit - A case study of technological innovation. [AIAA PAPER 66-835] 02 p0220 A67-12254
- KLEIMAN, IA. Z.**
Form of the surface of a first-order discontinuity in a medium with variable velocity of sound. 06 p1032 A67-18396
- KLEIMENOVA, N.**
Study from two conjugate points of radioelectric VLF emissions /0.8 to 10 kHz/

- /Etude en deux points conjugués des émissions radioélectriques de très basse fréquence /0.8 - 10 kHz/. 06 p0997 A67-18698
- KLEIMENOVA, N. G.**
Observations of ULF emission at two conjugate points /Nabliudeniia ul'tranizkchastotnogo izlucheniia v dvukh sopriazhennykh tochkah/. 03 p0411 A67-13347
Relation between morning ULF electromagnetic radiations /choruses and hissings/ and magnetic bays and ionospheric phenomena at high latitudes /O svyazi utrennikh elektromagnitnykh izlucheniil UNCh-dlapazona /khorov i shlipenil/ s magnitnymi bukhkami i sostoianiem ionosfery vysokikh shirot/. 13 p2110 A67-26455
- KLEIN, A.**
Investigations of the effect of the inflow boundary layer on the secondary flows at the bladings of axial-flow turbines /Untersuchungen ueber den einfluss der Zustromgrenzschicht auf die Sekundaerstroemungen in den Beschaeufelungen von Axialturbinen/. 06 p0937 A67-17991
- KLEIN, C. A.**
Further remarks on electron beam pumping of laser materials. 03 p0439 A67-14394
Radiation ionization energies in semiconductors - Speculations about the role of plasmons. 06 p1063 A67-18935
- KLEIN, C. JR.**
Roedderite A new mineral from the Indarch meteorite. 07 p1255 A67-20012
- KLEIN, E.**
Hazards of laser radiation - Mechanisms, control and management. 10 p1601 A67-23328
Field effect transistors in high frequency circuit design. 15 p2451 A67-29917
Energy conversion with liquid metal working fluids in MHD-staustahlrohr. 16 p2604 A67-30572
- KLEIN, E. A.**
Nortronics NDC-1051 computer. 06 p1296 A67-20625
- KLEIN, G.**
The digillator, a new broadband microwave frequency translator. 13 p2075 A67-26477
The "Carrousel" magnetoaerodynamic generator /Générateur magnetoaerodynamique "Carrousel"/. 16 p2608 A67-30599
A temperature compensated electronically controlled ferrite attenuator. 17 p2825 A67-32524
A stand for testing magnetoaerodynamic conversion in a supersonic subatmospheric flow /Banc d'essais de conversion magnetoaerodynamique en regime subatmospherique supersonique/. 18 p3020 A67-34122
Transient thermal behavior of latching ferrite phase shifters. 19 p3196 A67-35663
The generation of intense magnetic fields in MHD generators /La production des champs magnetiques intenses dans les generateurs M.H.D./.. 24 p4098 A67-42414
- KLEIN, G. L.**
An audio-modulated tetheronde for detailed micrometeorological soundings. 21 p3628 A67-38582
- KLEIN, H. P.**
Effects of valine on protein synthesis and turnover in *Pseudomonas saccharophila* under "nongratiuitous" inducing conditions. 13 p2058 A67-26584
Fatty acid synthetase of *Saccharomyces cerevisiae*. 19 p3178 A67-35873
Subcellular sites involved in lipid synthesis in *Saccharomyces cerevisiae*. 21 p3573 A67-37919
- KLEIN, K. E.**
Comparative investigation of the physical fitness of man with respect to manual labor, oxygen deficiency, and acceleration /Vergleichende Untersuchungen der koerperlichen Leistungsaehigkeit des Menschen bei Muskelarbeit, im Sauerstoffmangel und bei Beschleunigung/. 03 p0364 A67-13924
Diurnal rhythm and function diagnostics of peripheral cycle regulation /Tagesrhythmik und Funktionsdiagnostik der peripheren Kreislaufregulation/. [DVL-620] 11 p1747 A67-25035
- KLEIN, L.**
Spectral radiance measurements of model rocket exhaust gases at simulated altitude, using a rapid scanning spectrometer. [AIAA PAPER 67-10] 06 p1116 A67-18346
Spectral radiances of model rocket exhaust gases at simulated altitude measured with a rapid-scanning spectrometer. [AIAA PAPER 67-10] 19 p3346 A67-35761
- KLEIN, M.**
Surveillance of multi-component systems - A stochastic traveling salesman's problem. 01 p0106 A67-10930
Nuclear rocket propulsion. [AIAA PAPER 66-829] 03 p0466 A67-14124
- KLEIN, M. J.**
A study of nitrogen in a chromium-yttrium alloy. 06 p1018 A67-17898
Ozone measurement survey in commercial jet aircraft. 06 p0947 A67-18008
- KLEIN, N.**
The mechanism of self-healing electrical breakdown in MOS structures. 07 p1157 A67-19904
- KLEIN, P. I.**
A new Doppler radionavigation system. 04 p0653 A67-14870
- KLEIN, S.**
Calculation of the floating potential in a plasma containing negative ions /Calcul du potentiel flottant dans un plasma contenant des ions negatifs/. 04 p0669 A67-15496
Flame ionization and magneto-hydrodynamics. 05 p0853 A67-18886
Calculation of the electric potential distribution in a flame in the presence of a layer of electronegative gas between two electrodes /Sur le calcul de la distribution de potentiel electrique dans une flamme, en presence d'une couche de gaz electronegatif entre deux electrodes/. 13 p2165 A67-26597
- KLEIN, V.**
Determination of the aerodynamic derivatives of an aircraft from flight test data /Stanoveni aerodynamickych derivaci letounu z vysledku mereni/. 09 p1438 A67-22474
- KLEIN, W. H.**
Specification of sea-level pressure from 700-mb height. 13 p2114 A67-28740
- KLEINEBERG, H.**
The concentration of the energy transport around a dielectrical cylinder /Die Konzentration des Leistungsflusses um einen dielektrischen Zylinder/. 18 p2999 A67-33529
- KLEINER, W. H.**
Sulfur donors in silicon - Infrared transitions and effects of calibrated uniaxial stress. 06 p1061 A67-18924
- KLEINHEINS, S.**
Steepness of a loaded exponentially tapered distributed RC notch filter. 01 p0041 A67-11317
- KLEINKNECHT, H. P.**
Space-charge capacitance of asymmetric, abrupt p-n junctions. 18 p3106 A67-34646
- KLEINMAN, C. J.**
Variational lower bounds on electron hydrogen S-wave phase shifts. 07 p1226 A67-19499
- KLEINMAN, D. A.**
The second harmonic generation of light by focused laser beams. 05 p0817 A67-16640
- KLEINMAN, D. L.**
Remarks on the infinite dimensional Riccati equation. 01 p0047 A67-11213
- KLEINMANN, B.**
New K-Ar and fission track ages of impact glasses and tektites. 11 p1866 A67-24693
- KLEINMANN, D. E.**
Discovery of an infrared nebula in Orion. 19 p3330 A67-36080
- KLEINROCK, L.**
Prefix coding of histograms for minimal storage. 14 p2272 A67-28703
- KLEINSTEIN, G.**
Decay of a disturbance in an incompressible, zero-pressure-gradient flow. 10 p1626 A67-23144
Generalized law of the wall and eddy-viscosity model for wall boundary layers. 17 p2839 A67-33008
- KLEINSTUECK, K.**
Mossbauer investigations of Mn and Mg-Mn ferrites /Moessbauer-Untersuchungen an Mn- und Mg-Mn Ferriten/. 04 p0676 A67-14925
- KLEINWAECHTER, H.**
High-frequency flight attitude indicator and forward and backward counting radiointerferometer /Hochfrequenz-Fluglagemesser und vor-und rueckwaertszaehlendes Radiointerferometer/. 04 p0619 A67-14533
- KLEJMAN, H.**
Survey of current and future laser applications /Przeglad aktualnych i perspektywicznych zastosowan lasera/. 14 p2333 A67-28974
- KLEMAS, K.**
Kerr cells for amplitude and frequency modulation of laser beams /Kerrzellen zur Amplituden-und Frequenzmodulation von Laserstrahlen/. 07 p1142 A67-19552
- KLEMENTEV, V. M.**
Determination of some plasma parameters by means of a Fabry-Perot type resonator. 02 p0275 A67-12469
Determination of a shock wave profile front /K opredeleniu profila fronta udarnoi volny/. 09 p1489 A67-22329
High-current continuous-operation cathodes for an argon-ion laser /Sil'notochnye katody nepreryvnogo deistviia dla lazera na ionakh argona/. 22 p3817 A67-40413
- KLEMM, R. F.**
Ionization in hydrocarbon flames. 04 p0719 A67-14488
- KLENK, R. A.**
Design factors for impact extrusions. 14 p2323 A67-27814
- KLEPACZKO, J.**
Extensometric sensor with a photodiode for static and dynamic investigations /Czujnik ekstensometryczny z fotodioda do badan statycznych i dynamicznych/. 04 p0621 A67-14919
Axial compression of a cylindrical shell with simultaneous application of internal pressure /Sciskanie oslowe powloki cylindrycznej z rownoczesnym cisnieniem wewnetrznym/. 05 p0917 A67-16246
Dynamic stability of threaded joints /Dynamiczna wytrzymałosc polaczen gwintowych/. 07 p1190 A67-19353
Effects of strain-rate history on the strain hardening curve of aluminum. 19 p3245 A67-35448
- KLETCHENKOV, I. I.**
Microdode matrices /Matritsy na mikrodiadakh/. 22 p3769 A67-39581
- KLETT, R.**
The German participation in the solar-eclipse campaign of ESRO /Die deutsche Beteiligung an der solar Eclipse Kampagne der ESRO/. 15 p2466 A67-29572
- KLEVANS, E. H.**
Analysis of the dielectric constant of a two-temperature plasma. 02 p0275 A67-12555
High frequency conductivity calculation using the plasma kinetic equation. 19 p3286 A67-35353
Collision-induced high frequency instability in a fully ionized plasma. 19 p3292 A67-35391
The electrostatic energy per degree of freedom of a two-temperature plasma. 22 p3852 A67-39986
- KLEVATT, P. L.**
Orbital experimentation for advancing cryogenic technology. [AIAA PAPER 67-454] 18 p3110 A67-33928
- KLEWE, H.-J.**
Measurement techniques employed in wind-tunnel and free-atmosphere parachute tests /Messtechnik bei Fallschirmuntersuchungen im Windkanal und in der freien Atmosphaere/. 06 p0979 A67-18017
- KLEY, A.**
Characteristics of predictor-corrector formulas for the numerical integration of ordinary differential equations /Ueber Eigenschaften von Prediktor-Korrektor-Formeln fuer die numerische Integration von gewoehnlichen Differentialgleichungen/. 18 p3071 A67-34266
- KLEY, W. A.**
Filter wedge spectrometer for field use. 15 p2491 A67-30430
- KLIANKOTKO, M. A.**
Two new lines in the solar spectrum /O dvukh novykh liniakh v solnechnom spektre/. 11 p1868 A67-24848
- KLIATSKIN, V. I.**
Homogeneous isotropic turbulence in weakly compressible media. 02 p0235 A67-12643
- KLIAUZ, L. P.**
Formulation of the problem of determining external pressure during the onset of flutter in an ionized gas /Postanovka zadachi o nakhozhenii vneshnego davleniia pri vozniknovenii flattera v ionizovannom gaze/. 18 p2981 A67-33424

- KLIAVIN, I. A.**
Distribution of temperature and heat flux in a linear three-phase magnetohydrodynamic machine with direct cooling of the winding /Raspredelenie temperatur i teplovyykh potokov v lineinoi trekhfaznoi magnitogidrodinamicheskoi mashine s neposredstvennym okhlazhdeniem obmotki/. 04 p0556 A67-15528
- KLIAVIN, V. V.**
Optimum ratios of the components of some composite materials subjected to shear /Optimal'ni spivvidnoshennia komponent delakh kompozitsiinykh materialiv pri zsuvi/. 18 p3069 A67-34170
- KLICK, A. F.**
Cost analysis for large scale development/production programs. [AAS PAPER 66-148] 08 p1429 A67-20968
Product oriented cost analysis for major development/production programs. [AAS PAPER 66-148] 13 p2232 A67-27549
- KLIEFOTH, K.**
Observation of plasma resonances with the aid of microwave emission /Die Beobachtung von Plasmaresonanzen mit Hilfe der Mikrowellenemission/. 17 p2907 A67-33105
- KLIENOV, N. V.**
Expansion of laminar jets of a compressive fluid along a plane wall /Rasprostraneniye laminarnykh strui szhimaemol zhidkosti vdol' ploskoi stenki/. 11 p1779 A67-24322
- KLIGER, I. E.**
A dual phase plane approach to the two-finite-burns minimum fuel rendezvous problem. 22 p3888 A67-40147
- KLIGER, L. I.**
Equations for the small oscillations of a Schuler vertical /Ob uravneniakh malyykh kolebanii shuleroyskoi vertikal'/. 03 p0465 A67-14160
- KLIMA, R.**
On the stationary state of plasma in a magnetostatic and a potential field. I. 22 p3842 A67-39243
Steady-state plasma in a strong microwave field. 22 p3845 A67-39431
- KLIMANOVA, L. F.**
Cross section of inelastic interaction between neutrons and carbon nuclei at energies of 100 GeV /Secheniye neuprugogo vzaimodeistviya neitronov s iadrami ugleroda pri energii 100 GeV/. 24 p4219 A67-42848
- KLIMAS, P. C.**
Shock waves in a vibrationally excited gas. 19 p3212 A67-35773
- KLIMENKO, I. S.**
Gabor restoration of a wave front by means of a laser /Gaborovskoe vosstanovleniye volnovogo fronta s pomoshch'yu lazera/. 09 p1511 A67-21919
- KLIMENKO, V. N.**
Structural cermet materials /Metallokeramicheskie konstruktsionnye materialy/. 06 p1015 A67-17842
- KLIMNIUK, I. I.**
Approximate method for calculating the parameters of a detached head wave /Priblizhennyi metod rascheta parametrov otsoedinennoi golovnoi volny/. 04 p0550 A67-15894
- KLIMONTOVICH, I. L.**
Theory of semiconductor optical excitation - Absorption and dispersion in one-photon and two-photon processes /K teorii opticheskogo vzbuzhdeniia poluprovodnikov - Pogloshcheniye i dispersiia pri odnofotonnykh i dvukhfotonnykh protsessakh/. 06 p1054 A67-18798
Wave synchronization in a gas laser with a ring resonator. 09 p1513 A67-22063
Stationary solutions of the equations of a quasi-linear approximation for a collision plasma /Statsionarnye resheniia uravnenii kvazilineinogo priblizheniia v plazme so stolknoveniiami/. 16 p2706 A67-30450
Statistical theory of nonelastic processes in a plasma. I /Statisticheskaya teoriia neuprugikh protsessov v plazme. I/. 16 p2715 A67-31040
Contribution to the theory of optical excitation of semiconductors - Absorption and dispersion in single-photon and two-photon processes. 18 p3102 A67-34417
Lasers and Nonlinear Optics /Kvantovye Generatory Sveta i Nelineinala Optika/. 19 p3238 A67-34800
Stability of a counter-traveling wave regime in a ring gas laser /Ob ustoychivosti rezhima vstrechnykh voln v kol'tsevom gazovom lazere/. 19 p3239 A67-34898
The statistical theory of non-equilibrium processes in a plasma. 20 p3499 A67-36951
- KLIMOV, D. M.**
Motion of a single-rotor gyrocompass during rocking /O dvizhenii odnorotornogo girokompasa na kachke/. 12 p1941 A67-25662
- KLIMOV, V. I.**
Stress analysis of short thin-walled open-section structures with variable elastic parameters /Raschet na prochnost' korotkikh tonkostennykh konstrukttsii otkrytogo profilaa s peremennymi parametrami uprugosti/. 21 p3726 A67-38797
Cylindrical thin-walled open-section structures with variable elastic parameters under nonuniform heating /Tsilindricheskie tonkostennyye konstrukttsii otkrytogo profilaa s peremennymi parametrami uprugosti pri neravnomernom nagreve/. 22 p3916 A67-40450
- KLIMOV, V. P.**
Calculation of a sawtooth-voltage-oscillation shaping circuit /K raschetu kontura formirovaniia piloobraznykh kolebanii napriazheniia/. 13 p2089 A67-27704
- KLIMOV, V. V.**
Electronic counters employing tunnel diodes and transistors. 06 p1004 A67-18391
- KLIMOVA, T. V.**
Viscous hypersonic gas flow past slender pointed cones. 13 p2050 A67-26882
- KLIMOVITSKII, V. IA.**
Combined effects of space-flight factors on certain functions of the body /Kombinirovannyye vozdeistviia faktorov kosmicheskogo poleta na nekotorye funktsii organizma/. 01 p0015 A67-10336
Definition, terminology, and classification of experimental accelerations /Uskoreniiia v eksperimente - Opredeleniia, terminologiya, klassifikatsiia/. 23 p3961 A67-40765
General and cerebral hemodynamics and the functions of the central nervous system during accelerations - Review of the literature /Obshchaya i tserebral'naya gemodinamika i funktsii tsentral'noi nervnoi sistemy v usloviakh deistviia uskorenii - Obzor literatury/. 23 p3943 A67-40766
Functional relation between oxidation metabolism, blood flow volume rate, and brain temperature during vibration /O funktsional'noi svyazi mezhdu oksislitel'nyim metabolismmom, ob'emnoi skorost'iu krovoтока i temperaturou mozga pri vibratsii/. 23 p3943 A67-40769
- KLIMOVSKA, A. I.**
Study of the field-effect kinetics on a pure germanium surface /Izucheniia kinetiki efektu polia na chistil' poverkhnii germaniia/. 13 p2174 A67-26403
- KLINCHUK, K. D.**
Photoconductivity of silicon with admixtures of gold and zinc /Fotoprovodnist' kremniia z domishkami Au ta Zn/. 05 p0871 A67-17492
- KLINE, D. E.**
Density-dose behavior of irradiated polytetrafluoroethylene. 23 p4021 A67-40781
Effect of low-dose reactor radiation on the dynamic mechanical behavior of pyrolytic graphite. 23 p4021 A67-41075
- KLINE, H. F.**
A study of ignition point values of nonmetallic materials in simulated spacecraft environment. 15 p2466 A67-29545
- KLINE, S. J.**
Observed structure features in turbulent and transitional boundary layers. 11 p1776 A67-24043
Some remarks on turbulent shear flows. 12 p1928 A67-25355
- KLINEBERG, J. M.**
Laminar boundary layer separation and near-wake flow for a smooth blunt body at supersonic and hypersonic speeds. [AIAA PAPER 67-82] 06 p0986 A67-18270
Laminar boundary-layer separation and near-wake flow for a smooth blunt body at supersonic and hypersonic speeds. [AIAA PAPER 67-82] 14 p2240 A67-28112
- KLING, R.**
The regression rates in transient regimes of composite solid rocket grains /Les vitesses de combustion des propergols solides composites en regime transitoire/. 08 p1373 A67-20803
- KLINGELHOEFER, R.**
Electrical discharges in beams of condensed matter in high vacuum /Elektrische Entladungen in Strahlen aus kondensierter Materie im
- Hochvakuum/. 03 p0475 A67-12922
- KLINGER, A.**
Continuous control with stochastic stopping time. 16 p2651 A67-31681
- KLINGER, M. F.**
Analysis of Sofar bomb data. 20 p3484 A67-36558
- KLINK, H.**
Transistorized pulse amplifier with a rise time of 1 nsec and output voltages of more than 4 v /Transistor-Impulsverstaerker mit Anstiegszeiten von 1 ns und Ausgangsspannungen ueber 4 v/. 13 p2082 A67-27400
- KLINTSOV, I. U.**
Study of high-energy electrons with the aid of the satellites Proton 1 and 2 /Izucheniye elektronov vysokoi energii na ISZ Proton-1 i Proton-2/. 05 p0878 A67-16091
Investigation of high-energy electrons by means of Proton 1 and Proton II. 24 p4213 A67-42767
- KLINZING, G. E.**
Effect of mean flow on wall damping of finite-amplitude gas pulsations. 07 p1168 A67-19576
- KLION, F. M.**
Hepatic effects of breathing pure oxygen for eight months upon rats, dogs and monkeys. 10 p1600 A67-23818
- KLIORE, A.**
A radio occultation experiment to probe the atmosphere of Venus. [AIAA PAPER 67-118] 06 p1085 A67-18310
Radio occultation investigations of the atmosphere of Mars. [JPL-TR-32-1157] 13 p2199 A67-26819
Radio occultation measurement of the Martian atmosphere over two regions by the Mariner IV space probe. 18 p3123 A67-34151
A radio occultation experiment to probe the atmosphere of Venus. [AIAA PAPER 67-118] 22 p3886 A67-40094
- KLIPPEL, E.**
Heat-flux measurements at the insulation of cryogenic-propellant tanks /Die Messung des Waermefflusses an der Isolierung von Tanks fuer kryogene Treibstoffe/. 13 p2222 A67-26580
- KLIPPING, G.**
The continuous flow cryostat system - Other approaches to open-cycle cold fluid-refrigeration. 14 p2404 A67-27786
- KLIUCHNIKOV, G. M.**
Effect of a radial gap on the effectiveness of a turbine stage /O vlianii radial'nogo zazora na effektivnost' turbinnol stupen'/. 04 p0690 A67-15895
Energy losses in gas turbines due to air bleeding for cooling purposes /Poteri energii v gazoturbinnnykh ustanovkakh, svyazannye s otborom vozdukh na okhlazhdeniye/. 14 p2377 A67-28648
- KLIUCHNIKOVA, V. G.**
Correction of an approximate solution to the problem of the natural oscillations of a plate in a nonclassical formulation /Korrektirovaniye priblizhennogo resheniia zadachi o sobstvennykh kolebaniiakh plity v neklassicheskoi postanovke/. 06 p1108 A67-18662
- KLIUEV, V. M.**
Rectangular comb in a rectangular waveguide. 10 p1613 A67-23445
- KLIUEV, V. V.**
Minimization of the number of arithmetical operations in a matrix transformation process /O minimizatsii chisla arifmeticheskikh operatsii pri odnom preobrazovanii matrits/. 04 p0644 A67-14729
- KLIUKIN, L. M.**
Application of magnetic films in holography /Primeneniye magnitnykh plenok v golografiu/. 12 p1939 A67-25237
- KLIUSHKINA, N. S.**
Biological value of plant proteins in relation to their utilization in a closed life-support system /Izucheniye biologicheskoi tsennosti rastitel'nykh belkov v svyazi s vozmozhnym ispol'zovaniem ikh v biologicheskoi sisteme zhizneobespecheniia/. 16 p2612 A67-30908
Problem of reproduction of food protein by autotrophic organisms in extraterrestrial conditions. 19 p3179 A67-35228
Measurement of the biological value of algal and soya proteins on white rats of four generations /Opredeleniye biologicheskoi tsennosti belkov odnokletochnykh vodoroslei i soi na 4 pokoleniakh belykh krysi/. 24 p4111 A67-41847

KLOBUCHAR, J. A.

Polarization of an az-el mounted antenna viewing celestial objects. 02 p0212 A67-11611
Middle-latitude ionospheric total electron content - Summer 1965.

[RASSA PAPER 1-10-130] 03 p0417 A67-14241
KLOCHKOV, V. P.

Electron-diffraction investigation of the structure of gallium-phosphide semiconducting thin films /Elektronografichne doslidzhennia strukturi tonkikh naplyvprovidnikovikh plivok fosfidu galliu/. 04 p0686 A67-15970

KLOCK, P. W.

A study of the sheath helix with a conducting core and its application to the helical antenna. 11 p1760 A67-24277

KLOCKE, K.-H.

Doping of aircraft and rockets /Die Lackierung von Flugzeugen und Flugkorporen/. 13 p2124 A67-27500

KLOCKZIEN, V. G.

Analyses and tests of thermal scale models of a simulated spacecraft. 11 p1773 A67-24346

KLOEZEMAN, W. G.

Multi-layer complexity on a two-sided board - A study in simplification. 21 p3594 A67-38332

KLOHN, K. L.

Semiconductor laser arrays and their characteristics. 01 p0086 A67-10023

KLOKOV, V. V.

Uniqueness of the solution to a boundary-value problem for the Chaplygin equation /O edinstvennosti reshenia odnoi kraevoi zadachi dlia uravnenia Chaplygina/. 13 p2145 A67-26444

KLOKOVA, A. I.

Supercritical deformation of a cylindrical shell at impact /Zakriticheskaya deformatsiya tsilindricheskoi obolochki pri udare/. 05 p0907 A67-16015

KLUMP, E. D.

Experimentally determined optimum geometries for rectilinear diffusers with rectangular, conical or annular cross-section. 11 p1741 A67-24050

KLONOWICZ, Z.

Velocity processes in systems with variable mass. 05 p0908 A67-16043

KLONOWSKA, M. E.

Effect of Mach number and ratio of specific heats on the distance of the shock wave from the end face of a circular cylinder situated in axisymmetric flow /Wplyw liczby Macha i wykladnika izentropii na odleglosc fall uderzeniowej od podstawy walca kolowego oplywanego oslowo-symetrycznie/. 07 p1126 A67-19347

KLOPFSTEIN, G.

Statistical study of aircraft piloting /Etude statistique du pilotage des avions/. 04 p0653 A67-14894

KLOPP, W. D.

Superplasticity and low-temperature ductility in a Cr-30 at. pct Co alloy. 05 p0829 A67-16474

KLOSE, F.

Basic concept for a model of a hovering vehicle simulator in VTOL development /Grundlagen eines Modellsystems fuer die Simulation eines schwebefahigen Fluggeraetes in der VTOL-Entwicklung/. 04 p0600 A67-15540

KLOSNER, J. M.

Dynamic instability of circular, cylindrical shells having viscoelastic cores. 14 p2399 A67-28118

Transversally isotropic cylinders under band loads. 15 p2578 A67-30271

KLOSS, B. M.

Estimation of the complexity of a solution of systems of linear equations /Otsenki slozhnosti reshenia sistem lineinykh uravnenii/. 06 p1023 A67-17837

KLOSS, H. G.

The energy balance of a high-current argon arc /Ein Beitrag zur Energiebilanz des Argon-hochstrombogens/. 19 p3279 A67-35143

KLOTSMAN, S. M.

On the mechanism of lattice electromigration in metals. 07 p1209 A67-19647

KLOTTER, K.

Biological clocks - Circadian rhythms /Biologische Uhren - Circadiane Rhythmen/. 13 p2058 A67-26607

KLOTYNSH, E. E.

Transfer effects in p-type gallium arsenide crystals /Effekty perenosa v kristallakh

arsenida gallia p-tipa/. 03 p0491 A67-13174
Negative magnetoresistance in Cu-doped n-type GaAs. 20 p3513 A67-37440

KLOTZ, A. H.

Relativity, uncertainty and electrodynamics. 23 p4026 A67-40659

KLOVSKII, D. D.

Potential noise rejection in channels with echo signals /Voprosy potentsial'noi pomekhoustoihivosti v kanalakhs ekho-signalami/. 02 p0205 A67-12532
Optimum noise immunity in channels with echo-signals. 14 p2261 A67-28009

KLUBNIKIN, P. F.

A non-linear self-adjusting system with linear prediction. 07 p1160 A67-19200

KLUBOVICH, V. V.

X-ray investigation of the dimensions of the block structure of a metal deformed in an ultrasonic field /Rentgenograficheskoe issledovanie razmerov blochnoi struktury metalla, deformirovannogo v ul'trazvukovom pole/. 13 p2124 A67-27627

KLUEBER, O.

Pressure rise in a plasma due to the Nernst effect. 10 p1686 A67-23777

KLUEVER, E. E.

Flight results with a non-aerodynamic, variable stability, flying platform. 06 p0948 A67-18202

An assessment of ground and flight simulators for the examination of manned lunar landing. [AIAA PAPER 67-238] 07 p1129 A67-20044

KLUG, W.

Numerical integrations of an equation for turbulent diffusion in the atmosphere /Numerische Integrationen einer Gleichung fuer die turbulente Diffusion in der Atmosphaere/. 13 p2152 A67-26863

KLUGE, W.

Possible forms of direct energy conversion /Die moeglichen Formen der Energie-Direktumwandlung/. 10 p1597 A67-23507

KLUGER, P.

Extending pilot control to large liquid motors. 04 p0703 A67-14426

KLUMPP, A. R.

A manually retargeted automatic descent and landing system for LM. 22 p3898 A67-39176

KLUMPP, H. F.

The future of large cargo aircraft. [AIAA PAPER 66-1018] 03 p0361 A67-14024

KLUNNIK, A. A.

Calculation, with the aid of p-analytic functions, of zero-moment shells of revolution loaded at the top by a concentrated load /Raschet bezmomentnykh obolochek vrashchenia, zagruzhennykh v verkhne sosredotochennoi nagruzkoi, s pomoshch'yu p-analiticheskikh funktsii/. 17 p2962 A67-32875

KLUSHKOVA, E. P.

Cartographic representation of diurnal magnetic variations /Kartograficheskoe predstavlenie sutochnykh geomagnitnykh variatsii/. 10 p1631 A67-22808

KLUPIN, B. A.

Mechanical properties of refractory metals /Mekhanicheskie svoistva tugoplavnykh metallov/. 05 p0831 A67-17502

Mechanical properties of refractory metals. 21 p3644 A67-38029

KMETZ, R. B.

The IBM System/4 Pi, model EP data processor. 08 p1297 A67-20626

KMETZO, J. L.

An analytical approach to the coverage of a hemisphere by N planar phased arrays. 16 p2638 A67-31337

KNAAP, H. F. P.

Thermodynamic properties of fluid mixtures. 22 p3921 A67-40553

KNAB, O. D.

Influence of the surface on the characteristics of injection semiconductor lasers /Vliianie poverkhnosti na kharakteristiki inzhektionsnykh poluprovodnikovyykh kvantovykh generatorov/. 01 p0087 A67-10077

Effect of the surface on the characteristics of injection-type semiconductor lasers. 08 p1339 A67-21455

A method of investigating sintered material surfaces. 19 p3247 A67-35849

KNAFLICH, H. B.

A systematic study of structured micropulsations. 15 p2476 A67-29619

Proton densities in the magnetosphere from pearl dispersion measurements. 21 p3617 A67-38127
IPDP events and their generation in the magnetosphere. 22 p3789 A67-39497

KNAPECZ, G.

Symmetry theory of the equations of motion. I. 19 p3262 A67-35709

KNAPP, C. E.

Controlled recovery of payloads at large glide distances, using the Para-Foil. 08 p1409 A67-20545

KNAPP, C. F.

A combined visual and hot-wire anemometer investigation of boundary layer transitions. [AIAA PAPER 67-129] 06 p0939 A67-18314

Analysis of natural boundary-layer transition. 14 p2306 A67-29052

KNAPP, D. E.

Flash heating of seeded gases. [AIAA PAPER 67-501] 18 p3158 A67-33965

KNAPP, H.

Pulse terminal devices /Puls-Endgeraete/. 07 p1150 A67-19341

Groeber's method and its application to the numerical calculation of trajectories in celestial mechanics /Die Groebnermethode und ihre Anwendung auf die numerische Bahnberechnung in der Himmelsmechanik/. 15 p2561 A67-30051

KNAPP, R. J.

Heat-pipe performance in a zero gravity field. 24 p4256 A67-42926

KNAPP, W. J.

Strength of biaxially prestressed ceramic plates after nonuniform heating. 20 p3538 A67-38778

Strength of sintered specimens containing hollow glass microspheres. 20 p3473 A67-38779

KNAUER, P.

Automatic impedance matching in DC circuits. 08 p1311 A67-20650

KNAUER, W.

The diocotron effect in plasmas and gas discharges. 19 p3292 A67-35392

Advanced thermionic cathodes for Kaufman thrusters. [AIAA PAPER 67-678] 21 p3696 A67-38929

KNAUFF, K. G.

Representation and properties of transition-metal boride thin films /Darstellung und Eigenschaften duenner Schichten der Boride von Uebergangsmetallen/. 02 p0287 A67-11715

KNAUR, J. S.

Is booster recovery and reuse practical/ques/. [AIAA PAPER 67-909] 24 p4245 A67-43016

KNAUSS, W. G.

Stresses in an infinite strip containing a semi-infinite crack. 04 p0718 A67-15923

The time dependent fracture of viscoelastic materials. 16 p2773 A67-31312

KNECHTEL, E. D.

Electric drag on satellites - Theory and experiment. 04 p0705 A67-14998

KNECHTLI, R. C.

Electron-bombardment thrusters using liquid-mercury cathodes. 13 p2188 A67-26822

Electron energy distribution and thermalization measurements in plasmas. 19 p3274 A67-35105

LM cathode electron-bombardment thrusters. [AIAA PAPER 67-667] 21 p3690 A67-38701

KNEISSL, G. J.

A laser source integrating sphere for the measurement of directional, hemispherical reflectance at high temperatures. [AIAA PAPER 67-300] 12 p2035 A67-26015

KNEISSL, M.

Satellites and geodesy - Beginning and purposes /Satelliten-Geodaesie, Anfang und Ziele/. 05 p0800 A67-17049

Satellite triangulation in europe connected with the satellite worldwide net of U.S. Coast and Geodetic Survey. 07 p1176 A67-19761

KNETRICK, G. L.

Atmospheric propagation of laser and nonlaser light. 19 p3240 A67-35695

KNEUBUEHL, F. K.

Interferometry of resonator modes in submillimeter wave lasers. 13 p2129 A67-27347

Resonator modes and splitting of the 0.337-mm emission of the CN laser. 23 p4012 A67-40893

- KNEUBUHL, F. K.**
Resonator modes of submillimeterwave lasers. 24 p4189 A67-43105
- KNEUER, J. G.**
Gain probabilities in MTI radars with known target velocity distributions. 20 p3386 A67-37498
- KNIAZEV, I. U. P.**
Pulsed high-pressure arc in helium and hydrogen. 22 p3845 A67-39426
- KNIAZEV, I. U. R.**
High-pressure pulsed arc in helium and hydrogen /Impul'snaya duga vysokogo davleniya v gellii 1 vodorode/. 16 p2717 A67-31183
Pulsed arc in argon at pressures up to 10 super 8 newton/m super 2 /Impul'snaya duga v argone pri davleniyakh do 10 super 8 n/m super 2/. 16 p2717 A67-31184
Pulsed arc in argon at pressures up to 10 super 8 N/m super 2 /1000 atm/. 23 p4035 A67-41686
- KNIAZEV, L. V.**
Asymmetrical R-and RC-network electrical models for solving nonlinear equations of unsteady heat conduction. 14 p2274 A67-28315
Combined electrical models for solving two- and three-dimensional problems of unsteady heat conduction /Kombinirovannye elektricheskie modeli dlya resheniya dvukh- i trekhmernykh zadach nestatsionarnoi teploprovodnosti/. 17 p2973 A67-33081
- KNIAZEV, V. M.**
On the ionizing accompaniment of approximately 170 BeV nucleons at 2000 meters altitude. 02 p0312 A67-12609
- KNIAZIUK, V. S.**
Distribution of the concentration and density of the particle flux in the vicinity of a small body, moving in a rarefied plasma /Raspredelenie kontsentratsii i plotnosti potoka chastits v okrestnosti malogo tela, dvizhushchegosia v razrezhnoii plazme/. 05 p0855 A67-17122
Distribution of the concentration and density of a particle flux in the vicinity of a small body moving in a rarefied plasma. 21 p3668 A67-38465
- KNIFFEN, D. A.**
System for orienting balloon payloads in space. 05 p0805 A67-18465
Digitized spark chamber for space science experiments. 12 p1944 A67-25854
The intensity of heavy nuclei in the primary cosmic rays over Texas in March 1962 and the solar cycle modulation. 20 p3519 A67-37405
- KNIGHT, D.**
Multiple recording of holograms. 10 p1652 A67-22700
- KNIGHT, D. J. E.**
Microwave harmonics from a low-pressure discharge in different gases. 22 p3854 A67-40316
- KNIGHT, J. M., JR.**
Selecting optimum sampling and quantization intervals for detecting impulse waveforms. 09 p1459 A67-21582
- KNIGHT, J. R.**
Gunn-effect oscillators with vapour-grown contact layers. 07 p1153 A67-19609
The preparation and properties of epitaxial gallium arsenide. 10 p1692 A67-23510
- KNIGHT, P.**
Reradiation from masts and similar obstacles at radio frequencies. 05 p0768 A67-17296
Launching a surface wave over the earth. 22 p3763 A67-40315
- KNIGHT, R. E.**
Perturbation theory - Application to 2-, 3-, and 4-electron atoms. 02 p0271 A67-12724
- KNIGHT, R. J.**
Progress report on a gust alleviation and structural dynamic stability augmentation system /GASDSAS/ design study. [AIAA PAPER 66-999] 02 p0183 A67-12303
- KNIGHT, S.**
Recent results with epitaxial GaAs Gunn effect oscillators. 01 p0033 A67-10026
Heat flow in n super plus super plus -n-n super plus epitaxial GaAs bulk effect devices. 07 p1155 A67-19797
Characteristics of epitaxial gallium arsenide Gunn oscillators. 10 p1615 A67-23530
Carrier generation and switching phenomena in n-GaAs devices. 20 p3510 A67-36853
- KNIGHT, V.**
Reaction of oxygen atoms with tetrafluoroethylene in the presence of molecular oxygen. 04 p0567 A67-15949
A reexamination of the mercury-photosensitized oxidation of tetrafluoroethylene. 04 p0567 A67-15950
- KNIFE, R. H.**
Techniques for the study of the combustion of metals. 06 p1072 A67-18437
The morphology of aluminum particle combustion. [WSCI PAPER 66-3] 22 p3919 A67-40224
- KNITTEL, G. H.**
The polarization sphere as a graphical aid in determining the polarization of an antenna by amplitude measurements only. 11 p1761 A67-24279
- KNIZHNIK, G. S.**
Structure of low alloys on titanium base. 20 p3467 A67-37117
- KNIZHNIKOVA, L. A.**
Angular distribution of secondary particles in showers /Uglovoe raspredelenie vtorichnykh chastits v livnyakh/. 24 p4217 A67-42829
- KNOEDL, K.**
Directional determinations from geomagnetic S sub q -Variations using induction arrows according to Wiese /Richtungsbestimmungen aus geomagnetischen S sub q -Variationen mit Induktionspfeilen nach Wiese/. 13 p2116 A67-27396
- KNOELL, A. C.**
Physical and environmental effects on the energy dissipating characteristics of balsa wood. [SAE PAPER 660657] 01 p0103 A67-10616
- KNOERNSCHILD, E. M.**
Development trends in the field of thermionic energy converters in Germany. 04 p0554 A67-15026
Unconventional propulsion systems for spacecraft with particular reference to German activities. 16 p2736 A67-30710
- KNOF, H.**
Thermodynamics of irreversible processes in liquid metals. 17 p2968 A67-32233
- KNOLL, M.**
Technical Electronics, volume 2 - Current-Controlling and Electron-Optical Discharge Devices /Technische Elektronik, Volume 2 - Stromsteuernde und elektronenoptische Entladungsgeraete/. 06 p0968 A67-17894
- KNOLL, P.**
Thin-film lateral bipolar transistor in silicon-on-sapphire structure. 13 p2078 A67-26779
Space-charge-limited currents in heteroepitaxial films of silicon grown on sapphire. 23 p4038 A67-40785
- KNOLLE, K.**
Instrument for lunar surface chemical analysis. [JPL-TR-32-1065] 05 p0805 A67-16463
Chemical analysis experiment for the Surveyor lunar mission. [JPL-TR-32-1090] 08 p1411 A67-20946
- KNOP, C. M.**
Radar echo reduction using circulators. 03 p0370 A67-13857
Growing-wave phenomenon due to collision coupling in a warm compressible dissipative electron plasma in uniform motion. 03 p0483 A67-13995
- KNOPP, A. N.**
Effect of nonuniform p-type base width on the forward switching voltage of diffused-alloyed thyristors. 03 p0380 A67-13483
- KNOPP, C. F.**
A new determination of the thermal conductivity of nitrogen plasma. 19 p3287 A67-35358
Oxidation resistant, high temperature ceramic-to-metal seal compatible with cesium. 20 p3454 A67-36518
- KNOPS, R. J.**
On universal relations in elasticity theory. 01 p0162 A67-10799
Stability of general systems. 18 p3079 A67-34286
- KNOROZOV, S. V.**
Optimum dimensions for the film negative of a topographic aerial camera - 30 x 30 cm /Optimal'nyi razmer kadra topograficheskogo aerofotoapparata - 30 x 30 cm/. 02 p0240 A67-11532
- KNORRE, V. G.**
System for rupturing diaphragms in a single-pulse shock tube /Sistema razryva membran dlya odnolimpul'snoi udarnoi truby/. 13 p2090 A67-27060
- KNOTT, K. F.**
A very low noise low frequency amplifier. 01 p0032 A67-10002
An active filter for low frequency noise power spectra measurement. 02 p0216 A67-12038
- KNOWLES, J. B.**
Ripple performance and choice of sampling frequency for a direct digital control system. 02 p0225 A67-12073
- KNOWLES, S. H.**
Lunar radius from radar measurements. 19 p3319 A67-35263
- KNOWLES, W. B.**
The "feel" of rotary controls - Friction and inertia. 02 p0186 A67-12229
Aerospace simulation and human performance research. 18 p2994 A67-34341
- KNOX, C.**
Holographic interferometry in electrochemical studies. 20 p3450 A67-37137
- KNOX, C. F.**
Cerenkov and cyclotron instabilities in a plasma stream. 08 p1358 A67-20893
- KNOX, R. J.**
Elemental analysis using neutron inelastic scattering. 05 p0843 A67-16545
- KNUDSEN, C. A.**
Laser radar returns from the lower troposphere compared with vertical ozone distributions. 04 p0612 A67-14676
- KNUDSEN, E.**
Simultaneous analysis of whistlers at three adjacent recording stations at high magnetic latitudes in Sweden. 17 p2845 A67-32793
- KNUDSEN, L. L.**
Data utilization in ADC weapon systems management. 13 p2233 A67-27560
- KNUDSEN, W. C.**
Ion temperatures measured around a dawn-dusk-auroral-zone satellite orbit. 08 p1329 A67-21482
Molecular ion concentration around a dawn-dusk auroral-zone satellite orbit. 13 p2108 A67-26315
Molecular and atomic ion concentration latitudinal variations. 19 p3220 A67-35262
- KNUDSON, J.**
Deterministic capture of an augmented V-gyro system. 08 p1330 A67-20586
- KNUTH, E. L.**
Experimental study of scattering in particle-surface collisions with particle energies of the order of 1 ev. 13 p2099 A67-26950
Measurement of excitation and ionization in an arc-heated supersonic argon beam. 18 p3082 A67-34028
- KNUTH, R.**
Precipitation of high energy particles into the upper atmosphere at medium latitudes after magnetic storms. 12 p1991 A67-25113
- KNUTSON, E.**
Lunar orbiter command and telemetry data handling system at deep space stations. 02 p0194 A67-11808
- KNUTSON, J. W., JR.**
Direct observation of collision broadening and effect of resonant interactions on gas-laser transitions. 12 p1953 A67-26196
- KNYSTAUTAS, R.**
Spark initiation of converging detonation waves. 14 p2293 A67-28141
- KO, D. R. S.**
A second-order weak interaction expansion for moderately hypersonic flow past a flat plate. 21 p3566 A67-38892
- KO, H. C.**
The thermodynamic and physical properties of beryllium compounds. X. 06 p1071 A67-17984
Coherence theory of radio-astronomical measurements. 09 p1460 A67-21585
Theory of tensor aperture synthesis. [AFCLR-67-0226] 09 p1470 A67-21608
- KO, W. H.**
Implant biotelemetry and microelectronics. 12 p1903 A67-26171
- KO, W.-H.**
The use of equivalent networks to minimize the tolerance of passive thin film circuits. 04 p0593 A67-15487
- KOBA, Z.**
Space-time distribution of heavy penetrating particles /quarks/ in extensive air showers. 15 p2550 A67-29749
- KOBAK, V. O.**
Doppler phenomena arising in the rotation of a system of electromagnetic-wave emitters and reflectors /Dopplerovskie iavleniya, voznikalushchie pri vrashchenii

- sistemy izluchatelei i otrazhatelei elektromagnitnykh voln/. 11 p1750 A67-23908
The Doppler effect method for measuring effective scatter area in the laboratory. 15 p2443 A67-29286
Doppler effects due to rotation of an electromagnetic wave radiator-reflector system. 21 p3585 A67-38936
- KOBAKHIDZE, M. SH.**
Theory of cylindrical electronic microwave tubes /K teorii tsilindricheskikh elektronnykh lamp SVCh/. 05 p0774 A67-16906
The theory of cylindrical electronic microwave tubes. 16 p2636 A67-30883
- KOBAYAKAWA, K.**
Fluctuations and nuclear interactions in the energy loss of cosmic-ray muons. 10 p1703 A67-23690
- KOBAYASHI, A.**
Non-uniform temperature distribution effects on the creep bending characteristics of linear viscoelastic columns. 01 p0160 A67-10560
Experimental determination of column initial deflection and load eccentricity. 01 p0160 A67-10561
On the experimental determination of load eccentricity and initial deviation in the column compressive tests. 05 p0919 A67-16588
On the determination of load eccentricity and initial deviation in the column compressive tests. 10 p1715 A67-22826
- KOBAYASHI, A. S.**
Temperature distributions and thermal stresses in a partially filled annulus. 03 p0531 A67-14363
A plasticity correction for a single-edge cracked specimen in tension. 10 p1717 A67-23016
Transient analysis in a fracturing epoxy plate with a central notch. 16 p2775 A67-31325
Transient analysis in a fracturing magnesium plate. 23 p4076 A67-40736
- KOBAYASHI, J.**
Notes on an ozone generator and its calibrator. 16 p2676 A67-31374
On various methods of measuring the vertical distribution of atmospheric ozone. I. 16 p2676 A67-31375
On various methods of measuring the vertical distribution of atmospheric ozone. II. 16 p2676 A67-31376
On various methods of measuring the vertical distribution of atmospheric ozone. III. 16 p2676 A67-31377
- KOBAYASHI, M.**
Excitation and relaxation of ionized impurity pairs in silicon. 06 p1068 A67-18970
- KOBAYASHI, R.**
Prediction of dissociation pressures of mixed gas hydrates from data for hydrates of pure gases with water. 02 p0190 A67-12234
Adsorption equilibria in the methane-propane-silica gel system at high pressures. 24 p4118 A67-42584
- KOBAYASHI, S.**
Thin-film integrated circuits for communication equipments. 12 p1918 A67-26219
Far-infrared and submillimeter maser oscillators with H sub 2 O and D sub 2 O. 21 p3639 A67-38253
- KOBAYASHI, T.**
Direct observation of output beam patterns from N sub 2 -CO sub 2 laser at 10.6 mu m by thermal development method. 24 p4166 A67-41908
- KOBAYASHI, Y.**
An experimental study on physical properties of combustion gas. 09 p1580 A67-22151
- KOBES, W.**
Strengthening of sapphire by precipitates containing titanium. 12 p1987 A67-26190
- KOBLOVA, M. M.**
The use of 45 deg X-cut ADP crystals in laser emission control devices. 24 p4167 A67-42239
- KOBOS, A. S.**
Modeling of PCM/TDM over a Tropo path. 02 p0202 A67-12130
- KOBRAK, H.**
Search for fractionally charged particles in cosmic rays near sea level. 15 p2550 A67-29680
- KOBRINSKII, A. E.**
Quasi-elastic characteristic of a vibrating impact system /Kvaziuprugaya kharakteristika vibroudarnoi sistemy/. 03 p0432 A67-14162
- KOBUS, A.**
Properties of evaporated HgTe thin films /Wlasnosci cienkich warstw naparowywanych z HgTe/. 02 p0280 A67-11463
Effect of voltage imbalance on the characteristics of a Hall generator /Wplyw napięcia asymetrii na charakterystyki Hallotronu/. 05 p0774 A67-16704
Properties of mercury telluride thin films. 06 p1050 A67-18185
Germanium Hall generator with reduced secondary asymmetry /Hallotron germanowy o zmniejszonej asymetrii wtornej/. 12 p1939 A67-25278
Hall generator with variable active-layer thickness. 20 p3401 A67-37220
- KOBZEV, N. A.**
Modeling of random numbers on an electronic digital computer /Modelirovanie sluchainykh chisel na elektronnoi tsifrovoi mashine/. 07 p1147 A67-19226
- KOC, S.**
Excessive reverse currents in silicon p-n junctions /Nadmerne zaverne proudy kremikovykh prechodu pn/. 14 p2283 A67-28040
- KOCH, B.**
Microwave thermography /Mikrowellen-Thermographie/. 12 p1939 A67-25196
- KOCH, G. F.**
A radiator for low-noise paraboloid antennas and also other possibilities of realizing a lambda sub 1 distribution. 02 p0214 A67-11796
Simple approximation formula for the transmission coefficient of circular apertures /Elne einfache Naehrungsformel fuer den Transmissionskoeffizienten kreisfoermiger Oeffnungen/. 04 p0577 A67-15657
- KOCH, G. M.**
High power amplifiers in satellite communications systems. 09 p1478 A67-22257
- KOCH, J. F.**
Microwave absorption by magnetic-field-induced surface states in superconductors. 24 p4205 A67-42739
- KOCH, J. H.**
Need for state-of-the-art advances in maintenance training equipment. 13 p2091 A67-27266
- KOCH, K. E.**
Supersonic cone wake-neck geometry. 23 p3932 A67-41754
- KOCH, L.**
Spectrometry of solar protons on board the satellite ESRO II /Spectrometrie des protons solaires a bord du satellite ESRO II/. 21 p3629 A67-38663
- KOCH, L. C.**
Beryllium structures for aircraft. [SAE PAPER 660666] 01 p0094 A67-10574
- KOCH, N.**
Shutter system reduces laser hazards. 10 p1665 A67-23415
- KOCH, P. H. B.**
Microwave thermography. 11 p1792 A67-24714
- KOCH, R. L.**
Experimental investigations of closed-loop MPD power generation. 16 p2602 A67-30557
- KOCHAROV, G. E.**
Nuclear spectroscopy and neutrino astrophysics of the sun. 16 p2753 A67-31734
Neutrino sea in the universe /Neitrinnoe more vo vseleenni/. 17 p2940 A67-32102
Neutrino astrophysics /Neitrinnaya astrofizika/. 23 p4056 A67-41111
- KOCHEGURA, M. A.**
Determination of the empty weight of an aircraft by the methods of mathematical statistics /Opredelenie vesa pustogo samoleta metodami matematicheskoi statistiki/. 21 p3567 A67-38041
- KOCHELAP, V. A.**
Domain structure of a multi-valley semiconductor in the case of large currents. 08 p1367 A67-20416
Appearance of domains in "many-valley" semiconductors during the passage of strong currents. 09 p1555 A67-22074
- KOCHER, R. M.**
Strain gage applications on epoxy laminates for use at cryo temperatures. 01 p0072 A67-11107
- KOCHERGIN, S. M.**
Electrodeposition of metals in ultrasonic fields. 19 p3235 A67-34914
- KOCHETKOV, B. D.**
The attenuation function for a spherical earth with an arbitrary surface impedance /Funktsiia oslableniya dlia sfericheskoi zemli s proizvol'nym poverkhnostnym impedansom/. 21 p3580 A67-38122
- KOCHETKOV, G. A.**
Inelasticity of the interaction of cosmic ray particles with lead nuclei /Neuprugost' vzaimodel'stviya chastits kosmicheskikh luchei s ladrami svintsu/. 02 p0315 A67-12756
Inelasticity of the interaction of cosmic ray particles with lead nuclei. 22 p3876 A67-40258
- KOCHETKOV, R. M.**
Signal detection in the optical range with the aid of a photoreceiver with a laser amplifier at the input /Obnaruzhenie signalov opticheskogo diapazona fotopriemnikom s kvantovym usiletem na vkhode/. 24 p4166 A67-41797
- KOCHETKOV, V. T.**
An optimal nonlinear control system using the maximum probability criterion. 20 p3408 A67-37042
- KOCHINA, N. N.**
Study of integral curve fields related to equations connected to self-similar gas motions /Issledovanie poлей integral'nykh krivyykh dlia uravnenii, opisyvalushchikh avtomodel'nye dvizheniya gaza/. 21 p3565 A67-38556
On problems related to the motion of an unstable gas in the case of cylindrical and spherical symmetry /O nekotorykh zadachakh neustanovivshegosia dvizheniya gaza v sluchae tsilindricheskoi i sfericheskoi simmetrii/. 21 p3565 A67-38562
- KOCK, E.**
Carbon dioxide laser hazards to the eye. 20 p3375 A67-37276
- KOCK, H. G.**
Influence of the order-disorder state and film thickness on the structure and electrical conductivity of evaporated nickel, titanium, and silver films /Der Einfluss von Ordnungszustand und Schichtdicke auf die Struktur und die elektrische Leitfaehigkeit aufgedampfter Metalfilme - Nickel, Titan, Silber/. 02 p0292 A67-11745
- KOCK, W. E.**
Holograms and zone plates. 03 p0420 A67-13676
Three-color hologram zone plates. 03 p0420 A67-13681
Realism of image formation in holograms. 05 p0809 A67-17530
Focused-image holography - A method for restoring the third dimension in the recording of conventionally-focused photographs. 07 p1188 A67-19788
Use of lens arrays in holograms. 17 p2860 A67-32619
- KOCKARTS, G.**
Shock wave from a release of gas at 230 km altitude. 05 p0795 A67-16027
- KOCMOND, W. C.**
Warm fog suppression in large-scale laboratory experiments. 22 p3828 A67-39338
- KOCUREK, W. N.**
Radar cross-section of a meteorological model of a coherent-dot radar angel. 20 p3480 A67-36286
- KODALI, V. P.**
A study of the applications of analog computers. 13 p2072 A67-26995
- KODAMA, M.**
Development of a barometric sensor insensitive to high winds. 17 p2860 A67-32816
Periodical fluctuation studies of cosmic-ray diurnal variations during the quiet-sun period 1962-64. 20 p3518 A67-36993
Multiplicity measurements of cosmic ray neutron monitors in low latitude. 22 p3874 A67-40047
Multiple neutron production in the solar cosmic-ray increase of January 28, 1967, in Syowa Base, Antarctica. 22 p3874 A67-40048
- KODAMA, T.**
Quiescent DC discharge in cusp fields of TP-D machine. 19 p3274 A67-35104
- KODERA, H.**
Effect of doping on the electron spin resonance in phosphorus doped silicon. 06 p1068 A67-18973
- KODES, J.**
Determination of the ionization coefficient alpha sub 1 in a selenium p-n step junction /Urceniionschni koefitsient alpha sub 1 selenoveho skokoveho prechodu p-n/. 09 p1551 A67-21656
- KOECHIKOV, K. S.**
Small vibrations of fluid in a partitioned cylindrical container /Malye kolebanila

- zhidkosti v tsilindricheskom sosude s peregorodkami/. 22 p3786 A67-40029
- KOEHLIN, F.**
Acceleration of a plasma in a pinch configuration /Acceleration d'un plasma dans une configuration de striction/. 11 p1828 A67-23893
- KOECHNER, W.**
Extremely small and simple pulse generator for injection lasers. 08 p1337 A67-20372
Optical ranging system employing a high power injection laser. 15 p2500 A67-29913
- KOEGLER, R. K.**
Sonic boom analysis. [AIAA PAPER 66-941] 03 p0361 A67-14139
- KOEGLER, W.**
Measurement of impedance and admittance of a periodically time-varying dipole, and application to a model of a varactor diode /Ueber die Messung von Impedanz und Admittanz periodisch zeitvariabler Zweipole und ihre Anwendung auf das Modell einer Varaktordiode/. 10 p1610 A67-22925
- KOEHLER, H.**
Optical self-absorption and dielectric constant of cadmium oxide in the case of high electron degeneration /Optische Eigenabsorption und Dielektrizitätskonstante von Kadmiumoxyd bei hoher Elektronenentartung/. 04 p0683 A67-15655
- KOEHLER, J. A.**
I. Intergalactic atomic neutral hydrogen. 03 p0514 A67-14318
II. Intergalactic atomic neutral hydrogen. 03 p0515 A67-14319
- KOEHLER, J. S.**
Elastic centers of strain and dislocations. 04 p0711 A67-15102
- KOEHN, D.**
Measurement of gamma-radiation spectra from 0.2 to 12 Gev at an atmospheric depth of 26 g/cm super 2 /Messung des Ultrastrahlungs-gamma-Spektrums von 0.2 bis 12 Gev in einer atmosphärischen Tiefe von 26 g/cm super 2/. 09 p1561 A67-21882
- KOEHNLEIN, W.**
Corrections to station coordinates and to nonzonal harmonics from Baker-Nunn observations. 01 p0056 A67-10039
Corrections to station coordinates and to nonzonal harmonics from Baker-Nunn observations. 10 p1636 A67-23179
- KOELLE, D. E.**
Choosing and evaluating projects for a space-flight program /Zur Auswahl und Bewertung von Projekten fuer ein Raumflugprogramm/. 04 p0740 A67-14556
- KOELLE, H. H.**
Significance of space flight for the status of a country in the community of nations /Die Bedeutung der Raumfahrt fuer die Stellung eines Staates in der Voelkergemeinschaft/. 07 p1269 A67-19567
- KOELMANS, H.**
The thin-film transistor. 03 p0387 A67-14001
- KOENIG, E. W.**
The image dissector camera - A new approach to spacecraft sensors. 20 p3445 A67-36541
- KOENIG, G. R.**
Design of inputs and outputs of digital pneumatic jet components for adaptation to the standardised pressure range. 08 p1281 A67-20448
- KOENIG, H.**
Control and stabilization of the final stages of recoverable aerodynamic space transport systems /Steuerung und Stabilisierung der Endstufe von wiedergewinnbaren aerodynamischen Raumtransportersystemen/. 04 p0652 A67-14557
- KOENIG, H. J.**
Method of relating modal damping to local dampers in lumped-parameter systems. 10 p1729 A67-23770
- KOEPSSEL, W. W.**
Cross-polarization measurements and their relation to target surface properties. 02 p0192 A67-11603
- KOEBER, K. C.**
Spontaneous spike discharges from single units in the cochlear nucleus after destruction of the cochlea. 06 p0952 A67-17847
- KOESTER, C. J.**
Laser action by enhanced total internal reflection. 05 p0821 A67-16686
- KOESTERER, M. G.**
Biological and engineering aspects of spacecraft sterilization. 15 p2430 A67-29099
- KOESTLER, G.**
Electrophysiology of chimpanzees during rapid decompression. 18 p2991 A67-34713
- KOFFMAN, D. M.**
Equilibration temperatures of iron and magnesium in chondritic meteorites. 08 p1400 A67-21266
A survey of the unequilibrated ordinary chondrites. 16 p2750 A67-31451
- KOFFMAN, I.**
A class of notched omnidirectional antennas. 16 p2638 A67-31335
- KOFOID, M. J.**
Anomalous skin depth in a gaseous plasma. 03 p0477 A67-13534
The efficient utilization of an R.F. power oscillator for producing low-pressure plasmas. 05 p0856 A67-17281
Effects of instabilities and scattering in electron beams in the absence of a magnetic field. 05 p0849 A67-17449
- KOFORD, J. S.**
Using a graphic data-processing system to design artwork for manufacturing hybrid integrated circuits. 19 p3188 A67-36061
- KOFSKEY, M. G.**
Summary of NASA radial turbine research related to Brayton cycle space power systems. 24 p4102 A67-42489
- KOFSKY, I. L.**
Clarification of airglow processes by nuclear excitation. 18 p3036 A67-33604
- KOFSTAD, P.**
Oxidation of tantalum coated with aluminum and aluminum-chromium alloys. 08 p1341 A67-20764
High-temperature oxidation of metals. 13 p2141 A67-27176
High-temperature oxidation of titanium. 17 p2873 A67-32812
- KOGAEV, V. P.**
Program-controlled electromagnet machine for fatigue tests. 03 p0420 A67-13565
- KOGAN, A. M.**
Variational principles for the equations of kinetic gas theory /Variatsionnye printsipy dlia uravnenii kineticheskoi teorii gaza/. 22 p3835 A67-39218
- KOGAN, B. IA.**
Delay simulation with the aid of operational amplifiers. 03 p0390 A67-13104
- KOGAN, E. IA.**
Low frequency plasma instabilities /O nizkochastotnykh neustoiichivostyakh plazmy/. 15 p2528 A67-29710
Plasma stability in combined magnetic fields /Ob ustoiichivosti plazmy v kombinirovannykh magnitnykh pollyakh/. 20 p3500 A67-37048
- KOGAN, I. M.**
Multichannel intercorrelation signal processing as a means of increasing noise rejection for limited analysis time. I /Mnogokanal'nala vzialmno korrellatsionnala obrabotka signala kak metod povysheniia pomekhoustoiichivosti pri ogranichennom vremeni analiza. I/. 11 p1772 A67-24984
- KOGAN, IA. A.**
Comparison of non-optimal and optimal strategies in dual control problems. 05 p0781 A67-16257
- KOGAN, L. M.**
Some properties of GaAs lasers with an epitaxial p-n junction at room temperature /Nekotorye svoistva kvantovykh generatorov iz GaAs s epitaksial'nym p-n perekhodom pri komnatnoi temperature/. 01 p0087 A67-10080
Continuous coherent radiation of epitaxial GaAs diodes at a temperature of 77 deg K /Neprieryvnoe kogerentnoe izluchenie epitaksial'nykh diodov iz GaAs pri temperature 77 deg K/. 01 p0090 A67-10548
Continuous coherent radiation of epitaxial diodes of GaAs at 77 deg K. 01 p0091 A67-11056
A comparative study of recombination radiation from GaAs p-n junctions with and without Fabry-Perot resonators. 08 p1337 A67-20413
Some properties of GaAs lasers with epitaxial p-n junctions at room temperature. 08 p1340 A67-21457
A gallium arsenide electron-photon transistor. 11 p1765 A67-24475
- KOGAN, M. G.**
Solution of nonlinear problems of the heat conductivity theory by the Kantorovich method /Reshenie nelineynykh zadach teorii
- teploprovodnosti metodom Kantorovicha/. 11 p1883 A67-24323
- KOGAN, M. N.**
Conditions of applicability of the Boltzmann equation /Ob usloviyakh primenimosti uravneniia Bolt'smana/. 06 p1022 A67-17724
On the principle of maximum entropy. 13 p2100 A67-26954
The dynamics of Rarefied Gas /Dinamika Razrezhennogo Gaza/. 20 p3423 A67-37086
- KOGAN, R. M.**
Registration of cosmic rays on the artificial earth satellite "Cosmos-17". 11 p1856 A67-24075
- KOGAN, SH. M.**
Appearance of nonuniform current distribution in semiconductors with negative differential conductivity /O vozniknovenii neodnorodnogo raspredeleniiaтока v poluprovodnikakh s otritsatel'noi differentsial'noi provodimost'iu/. 19 p3301 A67-34900
- KOGAN, V. G.**
Superconductivity in thin nondegenerate semiconducting films. 01 p0128 A67-10084
- KOGAN, V. I.**
Theory of radiation transfer in a plasma /K teorii perenosa izlucheniia v plazme/. 03 p0483 A67-13837
Theory of radiation transfer in a plasma. 13 p2172 A67-27716
Effect of multiply charged impurity ions on the temperature of a deuterium plasma /O vliianii primesi mnogozaryadnykh ionov na temperatura deiterievoi plazmy/. 19 p3287 A67-35357
- KOGAN, V. S.**
X-ray structural studies of superconducting niobium-based alloys /Rentgenostrukturnye issledovaniia sverkhprovodlashchikh splavov na osnove niobia/. 05 p0863 A67-16690
X-ray structure investigations of superconducting alloys with niobium as the base. 15 p2539 A67-29860
- KOGANEI, M.**
Enhanced diffusion and high frequency oscillation in a plasma. 05 p0854 A67-16896
High-frequency and low-frequency oscillations in a plasma in a magnetic field. 05 p0854 A67-16897
Ion-wave instabilities in mercury-vapor plasma. 22 p3842 A67-39207
- KOGARKO, S. M.**
Flame propagation in the ignition peninsula of hydrogen-oxygen mixtures. 22 p3919 A67-40223
- KOGELNIK, H.**
A nonresonant multipass CO sub 2-laser amplifier. 11 p1800 A67-24245
- KOGLIN, B.**
Determination of the thermal conductivity, the specific heat, and the weight by volume /gross density/ of insulations for rocket tanks filled with liquid hydrogen. I /Die bestimmung der Waermeleitfaehigkeit der spezifischen Waerme und des Raumgewichts /Rohdichte/ von Isolationen fuer mit fluessigem Wasserstoff gefuellte Raketentanks. I/. 19 p3346 A67-35567
Production of a fast beam of argon atoms by means of a plasma burner /Erzeugung eines schnellen Argonatomstrahls mit einem Plasmabrenner/. 24 p4198 A67-42576
- KOGTEV, R. N.**
Gas flow in a blocked axisymmetric channel /Tehenie gaza v osesimmetrichnom tupike/. 11 p1779 A67-24321
- KOH, J. C. Y.**
Nonsimilar boundary-layer heat transfer of a rotating cone in forced flow. [ASME PAPER 65-WA/HT-31] 15 p2415 A67-29320
- KOH, S. L.**
Mechanics and Chemistry of Solid Propellants, Proceedings of the Fourth Symposium on Naval Structural Mechanics, Purdue University, Lafayette, Ind., April 19-21, 1965. 08 p1418 A67-20872
Problems in nonlinear viscoelasticity. 08 p1419 A67-20881
- KOHAU, Z.**
Design of sequential machines with fault-detection capabilities. 21 p3588 A67-38183
- KOHL, D. A.**
Effect of bond formation on electron scattering cross sections for molecules. 23 p4029 A67-40966
- KOHL, H.**
Dynamics of the ionosphere - F-region

- phenomena. 14 p2312 A67-28409
Atmospheric winds between 100 and 700 km and their effects on the ionosphere. 21 p3654 A67-37994
- KOHL, J. W.**
The February 5, 1965, solar proton event. I. 22 p3872 A67-39812
- KOHL, K.**
Penetration of flows into the stable layer below the solar hydrogen convection zone /Das Eindringen von Strömungen in die stabile Schicht unterhalb der solaren Wasserstoffkonvektionszone/. 04 p0694 A67-14470
Evolution in double star systems. II /Entwicklung in engen Doppelsternsystemen. II/. 11 p1864 A67-24581
- KOHL, W. H.**
Handbook of Materials and Techniques for Vacuum Devices. 14 p2339 A67-28829
The requirements placed on electron tubes for space applications. 15 p2447 A67-29752
- KOHLAS, J.**
Time optimal flight trajectories in the pursuit problem. 21 p3712 A67-39151
- KOHLBERG, I.**
Physical phenomena in bombardment ion sources. 04 p0664 A67-15017
Closed form for the perturbation terms of the linear Boltzmann equation. 05 p0847 A67-17438
- KOHLER, F.**
Some design considerations for reliable microwave power packs. 18 p3010 A67-33665
- KOHLMAYR, G. F.**
Extension of the maximum slope method to arbitrary upstream fluid temperature changes. [ASME PAPER 67-HT-79] 20 p3551 A67-38757
- KOHMAN, T. P.**
Cosogenic radioactivities in the Peace River and Harleton chondrites. 24 p4238 A67-42884
- KOHN, E. S.**
An internally scanned laser. 05 p0818 A67-16647
A photochromic laser. 11 p1801 A67-24717
- KOHN, S.**
Elastomers and space vehicles /Elastomeres et engins spatiaux/. [ONERA-TP-407] 05 p0833 A67-16479
Phenolic resins modified by mineral additives /Les résines phénoliques modifiées par des additions minérales/. [ONERA-TP-324] 09 p1520 A67-22155
Contribution to the study of the ablation of some materials based on phenolic resins. [ONERA-TP-475] 14 p2404 A67-27896
- KOHN, T.**
Recent developments in the application of the Fabry-Perot interferometer to space research. 20 p3440 A67-38359
- KOHOUTEK, L.**
Atmospheric trajectories of telescopic meteors. I. 16 p2751 A67-31461
- KOHR, R. H.**
Modeling and compensation of nonlinear systems using sensitivity analysis. 16 p2650 A67-31674
- KOHRA, K.**
Intensity anomaly of X-ray Compton and thermal scatterings accompanying the Bragg reflections from perfect Si and Ge crystals. 01 p0132 A67-10456
Measurements on local variations in spacing and orientation of the lattice plane of silicon single crystals by X-ray double-crystal topography. 05 p0866 A67-16977
- KOIAVA, V. K.**
Planetary distribution and possible interpretation of sudden increases in cosmic ray intensity detected by the world network, but not associated with visible formations on the sun. 02 p0312 A67-12602
Statistical analysis of solar-diurnal variations of cosmic rays from directional-telescope and neutron-monitor data /Statisticheskii analiz solnechno-sutochnoi variatsii kosmicheskikh luchei po dannym napravlennykh teleskopov i neitronnykh monitorov/. 17 p2931 A67-32078
- KOIBUCHI, K.**
Stress-strain curves under variable stresses. 22 p3913 A67-40036
- KOIFMAN, I. I.**
Large elastic deformation of a two-layer cylinder /Bol'shie uprugie deformatsii dvukhsloynnogo tsilindra/. 02 p0341 A67-12666
Geometrically nonlinear effects of stress

- concentrations at holes in thin plates /Geometricheski nelineinye efekty kontsentratsii napriazhenii okolo otverstii v tonkikh plastinakh/. 11 p1878 A67-24878
Jointed tubes and annular disks of highly elastic nonlinear resilient materials /Sostavnyye trubyy i kol'tsevye diski iz vysokoelelastichnykh nelineino uprugikh materialov/. 23 p4075 A67-40682
- KOIVUNEMI, A. J.**
Parameter optimization in systems subject to worst /bounded/ disturbance. 01 p0046 A67-11204
A computational technique for the design of a specific optimal controller. 02 p0226 A67-12155
A computational technique for the design of a specific optimal controller. 15 p2456 A67-29365
Quantization error in the design of digital control systems. 16 p2646 A67-31637
- KOIZUMI, T.**
Direct observations of the ionosphere by sounding rockets K-9M-15, L-3H-1 and L-3H-2. 11 p1787 A67-24643
- KOJIMA, H.**
The method of implementing training problems for site simulator. 13 p2090 A67-27233
- KOJIMA, S.**
Microwave radiation due to beam-plasma interaction. 21 p3668 A67-38416
Fine structure of nuclear quadrupole resonance line of N super 14 in hydrazine. 21 p3688 A67-38418
- KOK, B.**
Fluorescence induction studies in isolated chloroplasts. I. 07 p1134 A67-19846
Long-wave absorption and emission bands in chloroplast fragments. 07 p1134 A67-19847
Extraterrestrial life detection based on oxygen isotope exchange reactions. 09 p1454 A67-22015
Extraterrestrial life detection by means of isotopic oxygen exchange. 15 p2426 A67-29113
- KOKHMANIUK, S. S.**
Dynamic effects of moving loads on beams /Dinamicheskoe vozdeystvie podvizhnykh nagruzok na sterzhni/. 18 p3140 A67-33661
- KOKHODZE, L. SH.**
Method of determining the total number of particles and the coordinates of the axis-passage point for an extensive atmospheric shower of cosmic radiation /Ob odnom metode opredeleniya polnogo chisla chastits i koordinat tochk prokhozhdeniya osi shirokogo atmosfornogo livnya kosmicheskogo izlucheniya/. 03 p0507 A67-14059
- KOKORA, A. N.**
Treatment of steel with laser rays. 06 p1008 A67-18234
Some effects of laser radiation on metals. 21 p3646 A67-39011
- KOKOREV, A. I.**
Interaction between the luminescence front in an electrodynamic shock tube and a transverse magnetic field /Vzaimodelstvie fronta svecheniya v elektrodinamicheskoi udarnoi trubke s poperechnym magnitnym polem/. 02 p0274 A67-12416
- KOKORIN, V. V.**
The initial stages of disintegration of Co-Ta and Co-Nb supersaturated solid solutions. 08 p1342 A67-20812
- KOKOSA, R. A.**
Avalanche breakdown of diffused silicon p-n junctions. 09 p1556 A67-22205
- KOKOTOVIC, P.**
Development and use of sensitivity models. 08 p1309 A67-20325
- KOKOTT, W.**
Jupiter - A worthy goal for space research and astronautics /Jupiter - Ein lohnendes Ziel der Weltraumforschung und Raumflugtechnik/. 21 p3711 A67-39092
- KOKOUROV, V. D.**
Experimental study of the spectrum of a pulsed signal reflected from the ionosphere /Eksperimental'noe issledovanie spektra impul'snogo signala, otrazhennogo ot ionosfery/. 02 p0193 A67-11872
Angular spectrum of waves scattered by the ionosphere. 12 p1933 A67-25547
Ionospheric winter drifts during a quiet-sun period /Zimnie ionosfernnye dreyfy v spokojno-solnechnyi period/. 14 p2308 A67-27936
Experimental study of the spectrum of a pulse signal reflected from the ionosphere. 16 p2624 A67-31087

- KOKURIN, I. U. L.**
Measurement of the irregular diffraction of radio waves in the ionosphere according to the signals from artificial earth's satellites. 01 p0022 A67-10390
Radio telescope with a spherical reflector /Radioteleskop so sfericheskimi otrazhatel'm/. 08 p1319 A67-21349
Study of large-scale ionospheric inhomogeneities by radio-astronomy methods /Issledovanie krupnomasshtabnykh neodnorodnostei ionosfery radioastronomicheskimi metodami/. 08 p1326 A67-21352
A method for determination of anisotropy of coarse ionospheric inhomogeneities by radio astronomy. 11 p1787 A67-24464
Preliminary results of determining the anisotropy of large ionospheric inhomogeneities using the radioastronomy method. 11 p1787 A67-24477
The optical radar method for measuring the parameters of the moon's figure and orbit. 12 p2002 A67-25647
Possibility of improving the accuracy of some astronomical parameters of the earth-moon system by the optical location method /O vozmozhnosti utocheniya nekotorykh astronomicheskikh parametrov sistemy zemla-luna metodom opticheskoi lokatsii/. 13 p2200 A67-27327
A spherical-reflector radio telescope. 17 p2832 A67-31945
Investigation of large-scale ionospheric inhomogeneities by radioastronomical methods. 17 p2841 A67-31948
Measurement of the distance to the moon and possibilities of investigation on the astrometric parameters of the earth-moon system by the method of laser location. 23 p4066 A67-41037
- KOLACHEV, B. A.**
Isothermal transformations in titanium-molybdenum alloys /Izotermicheskie prevrashcheniya v splavakh titana s molibdenom/. 07 p1199 A67-19243
Isothermal transformations in titanium-chromium alloys /Izotermicheskie prevrashcheniya v splavakh titana s khromom/. 07 p1200 A67-19244
Kinetics of growth of a beta-grain in commercial titanium alloys /Kinetika rosta beta-zerna v promyshlennyykh titanovykh splavakh/. 07 p1200 A67-19245
Distribution of hydrogen between the phases in /alpha plus beta/-titanium alloys /Raspreделение vodoroda mezhdu fazami v /alpha plus beta/-titanovykh splavakh/. 07 p1200 A67-19246
Effect of hydrogen on the processes occurring in the alloy VT3-1 during aging /Vliyanie vodoroda na protsessy, proiskhodivshchie v splave VT3-1 pri starenii/. 07 p1200 A67-19247
High-temperature plasticity failure of titanium /O vysokotemperaturnom provale plastichnosti titana/. 07 p1200 A67-19248
Effect of quenching from the alpha-region and subsequent tempering on the mechanical properties of the alloy VT5-1 /Vliyanie zakalki iz alpha-oblasti i posleduyushchego otpuska na mekhanicheskie svoystva splava VT5-1/. 07 p1200 A67-19249
Certain general patterns in the occurrence of hydrogen brittleness in the alloys VT3-1 and VT15 /O nekotorykh obshchikh zakonomernostiyakh prolavleniya vodorodnoi khрупkosti v splavakh VT3-1 i VT15/. 07 p1206 A67-19283
The influence of hydrogen on the character of fracture propagation of BT15 alloy during tension tests /Vliyanie vodoroda na kharakter rasprostraneniya treshchin v splave VT15 pri ispytaniyakh na rastiazhenie/. 14 p2337 A67-28286
Effect of hydrogen on the isothermal transformations in alloy VT15 /Vliyanie vodoroda na izotermicheskie prevrashcheniya v splave VT15/. 18 p3065 A67-34291
Preparation of samples of variable composition by liquid-zone dilution techniques /Poluchenie obraztsov peremennogo sostava metodom razbavleniya zhidkoi zony/. 18 p3065 A67-34294
- KOLACHEVSKII, N. N.**
Experimental investigation of the spectral distribution of the noise of germanium and silicon photodiodes. 11 p1765 A67-24473
- KOLALIS, R. P.**
Investigation of the radiation resistance of silicon semiconductor detectors when

- Irradiated by protons with an energy of 2.3 Mev /Issledovanie radiatsionnoi stolkostoi kremlevykh poluprovodnikovyykh detektorov pri obluhenii protonami s energiei 2,3 Mev/. 21 p3628 A67-38596
- KOLAR, O. C.**
A large nuclear-electric space power plant. 24 p4186 A67-42549
- KOLAR, V.**
Nonlinear deflection and stability of anisotropic plates /Nichtlineare Biegung und Stabilität von anisotropen Platten/. 13 p2217 A67-26632
- KOLB, A. C.**
Plasma state in a coaxial accelerator. 21 p3661 A67-37752
- KOLB, G.**
The closed MHD loop, ARGAS. 16 p2653 A67-30553
Lay-out data of a homogeneous closed-cycle 300 mw MHD generator. 16 p2603 A67-30565
- KOLB, R. P.**
Measured vibratory motions of turbine blades. [ASME PAPER 67-VIBR-66] 11 p1798 A67-24207
- KOLBE, O.**
Matrix method for the determination of time optimum controls in linear systems with constant coefficients /Eine Matrixmethode zur Bestimmung zeitoptimaler Steuerungen von linearen Systemen mit konstanten Koeffizienten/. 13 p2087 A67-26619
Attitude control of satellites in elliptical orbits. 22 p3897 A67-39160
- KOLBE, P.**
Rb-Sr study on country rocks of the Bosumtwi crater, Ghana. 14 p2314 A67-28952
- KOLCHANOVA, E. A.**
Constructing a conformal mapping of a complex symmetrical doubly connected region /O postroenii konformnogo otobrazhenia slozhnoi simmetrichnoi dvukhsviaznoi oblasti/. 24 p4249 A67-42106
- KOLCHANOVA, N. M.**
Temperature dependence of the carrier lifetime in n-type GaAs. 01 p0128 A67-10091
- KOLCHIN, A. A.**
Geometrical factor and radiation pattern for single crystalline detectors and a coaxial telescope /Geometricheskii faktor i diagramma napravlenosti dlia odinochnykh kristallicheskiikh detektorov i soosnogo teleskopa/. 02 p0240 A67-11542
Shape factor and directional diagram for single crystal detectors and a coaxial telescope. 16 p2677 A67-31608
- KOLCHIN, A. K.**
Ignition of condensed explosives by a conductive inflow of heat from media of low thermal conductivity /O zazhigani kondensirovannykh vv pri konduktivnom podvoze tepla ot sred s plokhoi teploprovodnost'iu/. 07 p1267 A67-19314
- KOLCHINSKII, I. G.**
Correlation of the oscillations of star images at small angular distances from each other /Korrellatsiia mezhdu drozhaniami izobrazhenii zvezd na mal'kikh uglovyykh rassstolnaniakh drug ot druga/. 02 p0325 A67-11984
- KOLENKIEWICZ, R.**
Periodic motion around the triangular libration point in the restricted problem of four bodies. 13 p2205 A67-27478
- KOLENTSOV, K.**
A method for the isolation diffusion of solid-state circuits. 02 p0223 A67-12736
A simple method for preparing silicon planar strain gages. 02 p0248 A67-12737
- KOLERS, P. A.**
Naming sequentially presented letters and words. 06 p0954 A67-18533
- KOLESAR, J. D.**
Some geophysical measurements using extended range observations of a radio beacon satellite. 12 p1935 A67-25797
- KOLESHKO, S. B.**
Effect of simultaneous oscillation and dissociation relaxation on supersonic flow past blunt bodies /Vliianie odnovremennogo protekania kolebatel'noi i dissiatsionnoi relaksatsii na sverkhzvukovoe obtekanie zatuplennykh tel/. 16 p2592 A67-31114
- KOLESNICHENKO, N. F.**
Plastic deformation and topography of rubbing surfaces. 19 p3237 A67-35851
- KOLESNIK, L. N.**
Photometric standards and stellar magnitude systems /Fotometricheskie standarty i sistemy zvezdnykh velichin/. 05 p0805 A67-16335
- KOLESNIK, P. E.**
Readability and operability of three types of digital switches. 15 p2430 A67-29135
- KOLESNIKOV, I. U. N.**
Study of total pressure losses in the inlet stator of an axial compressor /Issledovanie poter' polnogo davleniia vo vkhodnom napravliavushchem apparate oseвого kompressora/. 20 p3516 A67-37082
- KOLESNIKOV, K. S.**
Low-frequency instability in liquid-propellant rocket motors. 04 p0723 A67-15193
- KOLESNIKOV, L. A.**
Formulation of the problem of automating the design of thin-walled systems /K postanovke zadachi avtomatizatsii proektirovochnogo rascheta tonkostennykh sistem/. 21 p3728 A67-38903
- KOLESNIKOV, N. N.**
Regular precession of a free gyrost. 11 p1791 A67-24683
- KOLESNIKOV, P. M.**
Analytical solutions of boundary value problems in nonlinear electrodynamics for ferromagnetic media. II. 22 p3836 A67-39420
- KOLESNIKOV, S. M.**
Nonstationary adiabatic centrally-symmetric motions of matter in the general theory of relativity. 01 p0114 A67-10987
- KOLESNIKOV, V. N.**
The arc discharge in inert gases. 12 p1977 A67-26132
Application of highly ionized plasma to laser construction. 16 p2686 A67-31576
- KOLESOV, I. U. S.**
Criterion of the existence of periodic solutions for parabolic equations /Ob odnom priznake sushchestvovaniia periodicheskikh reshenii u parabolicheskikh uravnenii/. 03 p0460 A67-13835
- KOLESOVA, V. I.**
Analytical representation of the geomagnetic field /Ob analiticheskoi predstavlenii geomagnitnogo polia/. 14 p2309 A67-27948
- KOLGADIN, V. A.**
Investigation of the bending of rectangular plates beyond the elasticity limit /Issledovanie izgiba priamougol'nykh plastin za predelom uprugosti/. 05 p0907 A67-16017
Elastoplastic equilibrium of plates under concentrated load /Uprugo-plasticheskie ravновесие plastin pri delstvii sosredotochennykh sil/. 12 p2031 A67-25960
- KOLI, S. S.**
Semi-conducting properties of lead telluride films. 02 p0294 A67-11756
- KOLIANO, I. U. M.**
Temperature stresses in an orthotropic laminated layer with heat emission /Temperaturnye napriazheniia v ortotropnoi polose-plastine s teplootdachei/. 21 p3731 A67-38299
- KOLINA, N. P.**
Laminar boundary layer on ellipsoids of revolution /Laminarnyi pogranichnyi sloi na ellipsoidakh vrashcheniia/. 06 p0936 A67-17740
- KOLKER, M.**
Deep-space optical communications. 06 p0957 A67-17635
- KOLLBERG, E. L.**
An L-band rutile traveling-wave maser. 09 p1514 A67-22270
- KOLLBRUNNER, C. F.**
Torsion. 10 p1720 A67-23578
- KOLLEY, W.**
Contribution to the theory of electrostatic oscillations in a Vlasov plasma in the presence of an external electric field /Zur Theorie elektrostatischer Schwingungen in einem Vlasov-plasma bei Aeussererelektrischen Feld/. 07 p1229 A67-19518
- KOLLMANN, F. G.**
Plane notch stresses in viscoelastic materials /Ebene Kerbspannungen in viskoelastischen Werkstoffen/. 10 p1720 A67-23576
Propagation of a spherical wave in an infinite elastic body with transverse isotropy /Die Ausbreitung einer Kugel welle in einem unendlichen elastischen Koerper mit transversaler Isotropie/. 13 p2217 A67-26633
- KOLLMANSBERGER, R. B.**
Evaluation of various lubrication methods at orbital conditions for space vehicles. 15 p2492 A67-29558
- KOLMAKOV, I. B.**
Rapid method of calculating the effective spectral parameters of aerosol dimensions /Uskorennii metod vychisleniia effektivnykh parametrov spektra razmerov aerozolia/. 01 p0108 A67-10132
- KOLMANOVSKII, V. B.**
Approximate methods for the solution of boundary-value problems and eigenfunction and eigenvalue problems for integrodifferential equations with deviating arguments /Priblizhennyye metody resheniia kraevykh zadach i zadach na sobstvennyye funktsii i sobstvennyye znacheniia dlia integro-differentsial'nykh uravnenii s otklonialushchimsia argumentom/. 20 p3478 A67-37580
- KOLMATOV, K. I.**
Current pause during an electrical explosion of filaments in air /Tokovaya pauza pri elektricheskom vzryve provolochek v vozduke/. 06 p1031 A67-17867
- KOLMOGOROV, V. L.**
Principle of possible variations of the stressed and strained states /Printsip vozmozhnykh izmenenii napriazhennogo i deformirovannogo sostoiiani/. 15 p2576 A67-30182
- KOLMYKOVA, L. F.**
A test of the hermetic seal of semiconductor devices by radioactive xenon-133 gas /Proverka germetichnosti poluprovodnikovyykh priborov radioaktivnym gazom ksenon-133/. 14 p2324 A67-28280
- KOLNER, L. B.**
Electroluminescence and semiconducting properties of CdF sub 2 single crystals activated by rare earth ions. 24 p4205 A67-42893
- KOLOBOVA, A. P.**
Long-distance propagation of ultrashort radio waves as a result of scattering in the ionosphere in the subpolar zone, and the state of the ionosphere. 07 p1144 A67-19707
- KOLOBOVA, G. A.**
Parametric description of an inhomogeneous, optically dense plasma. I - The dispersion contour of a spectral line /O parametricheskoi opisani neodnorodnoi opticheskoi plotnoi plazmy. I - Dispersionnyi kontur spektral'noi linii/. 01 p0125 A67-11045
Parametric description of an inhomogeneous, optically dense plasma. II - The Doppler contour of a spectral line /O parametricheskoi opisani neodnorodnoi opticheskoi plotnoi plazmy. II - Dopplerovskii kontur spektral'noi linii/. 01 p0125 A67-11046
- KOLOBOVA, K. M.**
X-ray spectra, electron structure, and properties of metallic compounds of titanium /Rentgenovskie spektry, elektronnaia struktura i svoistva metallicheskiikh soedinenii titana/. 05 p0831 A67-17484
K-absorption and emission spectra of metallic titanium. 10 p1668 A67-23093
- KOLODKO, J.**
Boundary layers behind shockwaves /Grenzschichten hinter Stosswellen/. 17 p2837 A67-32347
- KOLODNER, I. I.**
Pointwise bounds for solutions of semilinear parabolic equations. 04 p0647 A67-15739
- KOLODNYI, D. P.**
Generalized definition of the adiabatic exponent. 24 p4256 A67-42592
- KOLODNYI, G. IA.**
Stimulated emission and spectroscopic investigations of double lanthanum-sodium molybdate single crystals with neodymium impurities. 23 p4039 A67-40901
- KOLODZIEJCZAK, J.**
The effect of higher bands on the effective masses in InSb and InAs. 04 p0677 A67-14935
On the scattering processes in semiconductors. 07 p1237 A67-20180
Free carrier electro-magneto-optical phenomena in semiconductors. 09 p1558 A67-22602
Effect of strong electric fields on magneto-resistivity and Hall coefficient in semiconductors. 24 p4202 A67-41982
Interband Faraday rotation and ellipticity in germanium and gallium arsenide. 24 p4202 A67-41984
Free carrier effect on the generation of higher harmonics in semiconductors. 24 p4202 A67-41985

KOLOKOLTSOV, N. A.

Radial flow of compressible fluids between discs. 10 p1593 A67-23475

KOLOMEETS, E. V.

Impact zones for solar particles during periods of maximum and minimum solar activity. 02 p0310 A67-12574

Investigation of the variation in intensity of cosmic rays during Forbush effects. 02 p0311 A67-12593

Secular variations in the intensity of cosmic rays in the stratosphere during the years 1962 to 1964. 02 p0311 A67-12595

Investigation of the energy spectrum of the additional flux of particles that appear during decreases of solar activity. 02 p0311 A67-12597

Generation of cosmic rays during "small" chromospheric flares as a function of solar activity /Generatsiya kosmicheskikh luchey vo vremia "malykh" khromosfernykh vspyshek v zavisimosti ot solnechnoi aktivnosti/. 05 p0880 A67-16112

Seasonal changes in solar diurnal and semidiurnal cosmic-ray variations /Sezonnye izmeneniya solnechnosutochnoi i polusutochnoi variatsii kosmicheskikh luchey/. 05 p0885 A67-17138

Rotation of the vector of solar diurnal variation in cosmic radiation during a solar activity minimum /Vrashchenie vektora solnechno-sutochnoi variatsii kosmicheskikh luchey v minimume solnechnoi aktivnosti/. 05 p0885 A67-17497

Phenomenon of enhanced cosmic-ray intensity during a magnetic storm in February 1959 /Effekt vozzrastaniya intensivnosti kosmicheskikh luchey vo vremia magnitnoi buri v Fevrale 1959 g./. 05 p0885 A67-17498

Seasonal changes of the solar-diurnal and semidiurnal cosmic-ray variations. 21 p3700 A67-39048

Generation of particles on the sun during luminance increases and flares for various periods of solar activity /Generatsiya chastits na solntse vo vremia polarchanli vspyshek v razlichnye periody solnechnoi aktivnosti/. 23 p4057 A67-41116

Cosmic-ray anisotropy and its variation with the solar-activity cycle /Anizotropiya kosmicheskikh luchey i ee izmeneniye s tsiklom solnechnoi aktivnosti/. 23 p4057 A67-41120

Study of the day-to-day anisotropy during the solar-activity minimum /Issledovanie anizotropii oto dnia ko dnu v minimume solnechnoi aktivnosti/. 23 p4058 A67-41122

Sidereal diurnal variations of cosmic rays /Zvezdnosutochnye variatsii kosmicheskikh luchey/. 23 p4059 A67-41130

Variation with solar activity of the production of cosmic rays during "small" solar flares. 24 p4214 A67-42788

KOLOMENSKAIA, T. I.

High resistivity regions in silicon exposed to photon bombardment /Oblasti vysokogo soprotivleniya v kremnii, obluchennom protonami/. 13 p2173 A67-26364

Temperature dependence of the threshold of radiation-defect formation in silicon irradiated with electrons /Temperaturnaia zavisimost' poroga obrazovaniya radiatsionnykh defektov v kremnii, obluchennom elektronami/. 15 p2542 A67-30250

High-resistance regions in silicon irradiated with protons. 21 p3680 A67-38321

KOLOMENSKII, I. A.

Noise immunity of a method for the time discrimination of pulse signals. 02 p0194 A67-11909

KOLOMIETS, A. R.

Determination of the linear electron density in meteoric trails /Opredelenie lineinoi elektronnoi plotnosti v meteornykh sledakh/. 02 p0322 A67-11677

Determination of linear electron density in meteor trails. 16 p2747 A67-31092

Relation between E sub s and sporadic meteors /O svyazi E sub s so sporadicheskimi meteorami/. 21 p3623 A67-39040

KOLOMIETS, B. T.

Fluctuation levels in the vitreous semiconductor Ti sub 2 Se.As sub 2 Te sub 3 /Fluktuatsionnye urovni v stekloobraznom poluprovodnike Ti sub 2 Se.As sub 2 Te sub 3/. 09 p1553 A67-21969

Fluctuation levels in the glassy semiconductor Ti sub 2 Se. As sub 2 Te sub 3

3. 17 p2923 A67-33306

KOLOMIETS, G. I.

Experimental study of the distribution of meteoric bodies according to energies /Eksperimental'noe issledovanie raspredeleniya meteornykh tel po energiiam/. 13 p2197 A67-26507

KOLOMIETS, V. G.

Investigation of the oscillations of nonlinear systems with distributed parameters in the case of random disturbances /Issledovanie kolebanii nelineinykh sistem s raspredelennymi parametrami pri sluchainykh vozmushcheniyakh/. 15 p2517 A67-29658

Some problems in the theory of nonlinear oscillations of quasi-linear random-delay systems /Nekotorye voprosy teorii nelineinykh kolebanii kvazilineinykh sistem so sluchainym zapazyvaniem/. 17 p2885 A67-32876

Application of the averaging principle to the investigation of the influence of random effects on oscillatory systems /Primenenie printsipa usredneniya k issledovaniyu vlianiya sluchainykh vozdetsviy na kolebatel'nye sistemy/. 17 p2885 A67-32878

KOLOMITSEV, O. P.

Determination of the rate of ion formation in the F2 layer /Opredelenie skorosti ionoobrazovaniya v sloe F2/. 21 p3623 A67-39037

KOLOMIKOV, I. U. D.

A Michelson laser interferometer /Lazernyi interferometr Mikhel'sona/. 15 p2486 A67-29467

Laser Michelson interferometer. 21 p3628 A67-38548

KOLOMOETS, N. V.

Mechanism of carrier scattering in germanium telluride. 01 p0129 A67-10097

Hall effect in semiconductors containing two species of current carriers /Effekt Kholla v poluprovodnikakh s dvumia sortami nosteilei toka/. 03 p0489 A67-13148

Hall effect in semiconductors with two types of carrier. 10 p1689 A67-23097

KOLOMYTSEV, P. T.

Phase composition and some properties of alloys of the system molybdenum-nickel-boron. 16 p2691 A67-31595

KOLONINA, L. I.

Electric field intensity distribution over the length of a longitudinally blown arc in a DC plasmatron /Raspredeleniye napriazhennosti elektricheskogo polya po dline prodol'no-obduvaemol dugi v plazmatrone postolannogo toka/. 11 p1843 A67-24972

KOLONITS, F.

Symmetry of multiple points of equipotential lines. 19 p3210 A67-35720

KOLOS, A. V.

Methods of refining the classical theory of bending and extension of plates. 01 p0163 A67-10996

Field of application of approximate theories of bending of plates, such as the Reissner theory /Ob oblasti primeneniya priblizhennykh teorii izgiba plastin tipa teorii Reissnera/. 12 p2026 A67-25616

KOLOSHNIKOV, V. G.

Fabry-Perot interferometer with an electromechanical scanning system /Interferometr Fabri-Pero s elektromekhanicheskoi sistemoi skanirovaniya/. 22 p3809 A67-40416

KOLOSKOVA, I. U. S.

Changes of water-salt metabolism under conditions of 62-day hypokinesis /Izmeneniye vodno-solevogo obmena v usloviakh 62-sutochnoi gipokinezii/. 16 p2613 A67-30916

KOLOSITSYN, N. I.

Theory of magnetogasdynamic flows /K teorii magnitogazodinamicheskikh techenii/. 01 p0118 A67-10047

Exceeding sonic velocity in an MHD channel of constant cross section /K voprosu o perekhode cherez skorost' zvuka v MGD-kanale postolannogo secheniya/. 13 p2169 A67-27309

A contribution to the theory of magnetogasdynamic flow. 17 p2910 A67-33325

KOLOSOV, G. E.

Asymptotic method of solution of statistical problems of optimal control by quasiharmonic systems. 22 p3777 A67-39828

KOLOSOV, V. A.

Selection of the optimum operating point in the power amplification of a single-band signal /O vybore optimal'noi rabochei tochki pri usilenii odnopolosnogo signala po moshchnosti/. 11 p1772 A67-24963

11 p1772 A67-24963

KOLOTKOV, N. I.

Pilotless aircraft and missiles /Bespilotnye letatel'nye apparaty/. 15 p2564 A67-29242

KOLOVANDIN, B. A.

Turbulent flow of a conducting fluid with a free surface in the presence of crossed magnetic and electric fields /O turbulentnom techenii elektroprovodnoi zhidkosti so svobodnoi poverkhnost'yu v prislutstvi skreshchennykh magnitnogo i elektricheskogo polia/. 07 p1227 A67-19321

KOLPIN, M. A.

Experimental study of the dynamics of a large inverse pinch. 14 p2356 A67-28123

[AIAA PAPER 66-482] Evaporation of a droplet in free molecular flow. 19 p3211 A67-35762

KOLSKY, H.

Experimental studies of the mechanical behavior of linear viscoelastic solids. 08 p1419 A67-20885

KOLTSOV, I. I.

Separation of niobium and tantalum oxides from zircon-pyroxochlor concentrate /Poluchenie oksidei niobia i tantala iz tsirkon-pirokhlorovogo kontsentrata/. 04 p0637 A67-14941

KOLTUN, M. M.

Gallium arsenide optical filters. 03 p0488 A67-12858

Determination of the integral value of the short circuit current of solar photoconverters from their spectral characteristics /Opredeleniye integral'nogo znacheniya toka korotkogo zamykaniya solnechnykh fotopreobrazovatelei po ikh spektral'nykh kharakteristikam/. 09 p1451 A67-22531

KOLTUNOV, M. A.

Selection of kernels in the solution of problems with allowance for creep and relaxation /K voprosu vybora iader pri reshenii zadach s ucheto poluchestii i relaksatsii/. 02 p0338 A67-12236

KOLTYPIN, I. S.

Microminiaturized aerospace digital computers /Mikrominiaturnye aerokosmicheskie tsifrovye vychislitel'nye mashiny/. 21 p3588 A67-38765

KOLUMBAN, I.

An optimum approximation problem /Sur un probleme d'approximation optimale/. 13 p2148 A67-27471

KOLYCHEV, N. N.

Theory of laser radiation induced by impurity-band transitions /Teoriya lazernogo izlucheniya na primesnozonnykh perekhodakh/. 03 p0436 A67-13137

KOMA, A.

Excitation and relaxation of ionized impurity pairs in silicon. 06 p1068 A67-18970

KOMABAYASI, M.

A possible factor regulating the amount of the atmosphere on the earth and Mars. 06 p0995 A67-18052

Discrete equilibrium temperatures of a hypothetical planet with the atmosphere and the hydrosphere of one-component two-phase system under constant solar radiation. 13 p2116 A67-27462

KOMAR, A. P.

Reconstruction of the images of transparent and refracting objects using phase holograms. 08 p1331 A67-20842

Holography with a straight reference beam /Golografiya s priamym opornym puchkom/. 15 p2486 A67-29237

Phase holograms of tracks in bubble and emulsion chambers and the possibility of processing these holograms /Fazovye gologrammy trekov v puzyr'kovykh i emul'sionnykh kamerakh i vozmozhnosti ikh obrabotki/. 18 p3049 A67-34387

KOMARENKO, A. N.

Problem of the eigenvalue parameter in boundary conditions, for elliptic equations degenerate in a section of the boundary of the region /Zadacha o sobstvennykh znacheniyakh s parametrom v kraevykh usloviyakh dlia ellipticheskikh uravnenii, vyrozhdaiushchikhsia na chasti granitsy oblasti/. 04 p0643 A67-14724

KOMARNITSKAIA, O. I.

Absolute stability in critical cases of nonlinear systems with a nonunique equilibrium state. 10 p1619 A67-23318

KOMAROV, A. P.

Approximate method for calculating the parameters of a detached head wave

- /Prilblzhenniy metod rascheta parametrov otsoedinennoi golovnoi 04 p0550 A67-15894
volny./
- Study of plane compressor cascades /Issledovanie ploskikh kompressornykh reshetok/. 20 p3358 A67-37081
- KOMAROV, G. V.**
Estimation of the effect of distortion on the spectrum of a pulse signal with linear frequency modulation /Otsenka vlianiya iskazhenii na spektr impul'snogo signala s lineinoy chastotnoy modulatsiei/. 13 p2070 A67-27046
- KOMAROV, M. A.**
Study of the mechanical properties of some titanium alloys at low temperatures /Issledovanie mekhanicheskikh svoystv nekotorykh titanovykh splavov pri nizkikh temperaturakh/. 09 p1518 A67-21966
- KOMAROV, N. S.**
Investigation of the catadioptric telescope at the Odessa astronomical observatory /Issledovanie katadioptricheskogo teleskopa na Odesskoi astronomicheskoi observatorii/. 17 p2855 A67-32327
- KOMAROV, V. D.**
Classification of dopants for barium titanate. 03 p0497 A67-13703
- KOMAROV, V. F.**
Nature of the effect of preirradiation on the rate of thermal decomposition of ammonium perchlorate /K voprosu o prichinakh vlianiya predvaritel'nogo obluicheniya na skorost' termicheskogo razlozheniya perklorata. 04 p0687 A67-14635
- KOMAROVSKAYA, N. V.**
Level populations and nonelastic losses in a two-temperature plasma /O zaselennosti urovnei i neuprugikh poterakh v dvukhtemperaturnoi plazme/. 11 p1831 A67-24019
- KOMAROVSKIY, K. F.**
Study of certain alloyed metal-germanium contacts /Issledovanie nekotorykh vplavnykh kontaktov metallgermanii/. 05 p0864 A67-16909
Negative resistance in some semiconductor structures. 11 p1765 A67-24474
An investigation of some alloyed metal-germanium junctions. 16 p2727 A67-30886
- KOMASHCHENKO, V. N.**
Nature of the photorectifying effect in cadmium selenide /O prirode fotoventil'nogo efekta v selenide. 14 p2387 A67-28527
Nature of the photobarrier effect in cadmium selenide. 23 p4039 A67-40934
- KOMATA, A.**
Experiments on radar transmitting peak-power amplification by platinotron. 10 p1605 A67-23061
- KOMATSUBARA, K. F.**
Non-linear galvanomagnetic effects due to hot electrons in n-type InSb in the quantum limit. 06 p1065 A67-18953
- KOMELKOV, V. S.**
Passage of plasmoids through longitudinal magnetic fields /Prokhozhenie plazmennyykh sgustkov cherez prodol'nye magnitnye polya/. 19 p3288 A67-35364
Certain characteristics of pulsed cascade plasma injectors /Nekotorye kharakteristiki kaskadnykh impul'snykh inzhektorov plazmy/. 19 p3297 A67-35597
- KOMENDANTOV, G. L.**
Problem of acceleration in aviation medicine. I /Problema uskoreniy v aviatsionnoi meditsine. I/. 20 p3375 A67-37466
- KOMIN, A. V.**
Experiments with dense hot plasma /Eksperimenty s plotnoi gorilach plazmoi/. 19 p3282 A67-35159
- KOMISSAROV, G. D.**
Preliminary results of an investigation of solid interplanetary matter in the vicinity of the moon /Predvaritel'nye rezul'taty issledovaniya tverdogo mezhplanetnogo veshchestva v okrestnosti lunny/. 01 p0150 A67-10910
Preliminary results of a study of solid interplanetary matter in the vicinity of the moon /Predvaritel'nye rezul'taty issledovaniya tverdogo mezhplanetnogo veshchestva v okrestnosti lunny/. 05 p0887 A67-16058
Investigations of solid interplanetary matter in the vicinity of the moon. 19 p3319 A67-35275
Preliminary results of investigations of solid interplanetary matter in the vicinity of the moon. 21 p3701 A67-37845
- KOMISSAROV, I. A. S.**
Certain properties of tapered grids /O nekotorykh svoystvakh skoshennykh reshetok/. 07 p1143 A67-19595
- KOMISSAROVA, G. L.**
Dynamic stability of coaxial cylindrical shells in a nonuniform temperature field /Dinamicheskaya ustoychivost' koaksial'nykh tsilindricheskikh obolochek, nakhodilashchikhsya v neravnomernom temperaturnom pole/. 05 p0913 A67-16189
- KOMISSAROVA, T. M.**
High-temperature oils and liquids for turbojet aviation /Vysokotemperaturnye masla i zhidkosty dlya turboreaktivnoi aviatsii/. 24 p4182 A67-42484
- KOMIYA, H.**
Infrared absorption of localized vibration due to lithium in zinc selenide and cadmium sulfide. 06 p1059 A67-18911
- KOMLENKO, I. U. V.**
Existence theorems for nonlinear boundary value problems /Teoremy sushchestvovaniya dlya nelineynykh kraevykh zadach/. 02 p0260 A67-12738
Question of evaluation of the interval of applicability in Chaplygin's theorem /K voprosu ob otsenke promezhnutka primenimosti teoremy Chaplygina/. 03 p0456 A67-13112
Conditions of solvability of certain boundary-value problems for an ordinary second-order linear differential equation /Uslovia razreshimosti nekotorykh kraevykh zadach dlya obyknovennogo lineinogo differentsial'nogo uravneniya vtorogo poriadka/. 18 p3072 A67-34384
Solvability conditions of some boundary value problems for an ordinary linear differential equation of second order. 24 p4177 A67-42199
- KOMLIAGINA, N. N.**
Determination of the interaction functions of cascade particles with a substance by the inverse-problem method /Opredelenie funktsii vzaimodel'stviya kaskadnykh chastits s veshchestvom metodom obratnoi zadachi/. 24 p4221 A67-42875
- KOMLIK, V. V.**
Ferrite microelements used as quasi-resonant circuits. 02 p0214 A67-11907
- KOMLOS, J.**
On the determinant of /0,1/ matrices. 14 p2345 A67-28934
- KOMNIK, S. N.**
Role of dislocation multiplication in the plastic deformation of ionic crystals /O roli razmnozheniya dislokatsii pri plasticheskoi deformatsii ionnykh kristallov/. 13 p2175 A67-26448
- KOMOLOV, V. P.**
Statistical effects in phase measurements with the aid of systems having variable parameters /Statisticheskie efekty pri izmerenii fazy s pomoshch'yu sistem s peremennymi parametrami/. 04 p0620 A67-14748
- KOMOV, V. F.**
Properties of detonation in some heterogeneous systems /O svoystvakh detonatsii v nekotorykh geterogennykh sistemakh/. 20 p3551 A67-36815
- KOMPA, K. L.**
Hydrofluoric acid chemical laser. 20 p3462 A67-37564
- KOMPFNER, R.**
Optical communications. 09 p1462 A67-21675
Windows to space /from 10 super 10 hz up/. 15 p2478 A67-29954
[AAS PAPER 87-94]
- KOMRAZ, L. A.**
Dynamic model of a triggering controller with a magnetoelectric drive /Dinamicheskaya model' spuskovogo regulatora s magnito-elektricheskim privodom/. 24 p4155 A67-42297
- KOMSHA, G.**
Momentum transfer for ionizing impact in inert gases /Peredacha impul'sa pri ionizatsionnom udare v inertnykh gazakh/. 06 p1037 A67-18426
- KON, A. I.**
Fluctuations of the angle of incoming light waves from a distributed source in turbulent atmosphere /Fluktuatsii ugla prikhoda svetovykh voln ot protlazhennogo istochnika v turbulentnoi atmosfere/. 05 p0761 A67-16346
Parameter fluctuations of a space-limited light beam in a turbulent atmosphere. 05 p0766 A67-17229
- KON, S.**
Experiments on a far infrared CN laser. 16 p2684 A67-30605
- KONAKA, M.**
Determination of impurity distribution in silicon epitaxial film using MOS capacitor. 05 p0866 A67-16985
- KONAKH, V. F.**
Investigation of a mercury-cesium plasma with nonequilibrium conductivity /Issledovanie rtutno-tsezevoi plazmy s neravnovesnoi provodimost'yu/. 16 p2709 A67-30517
- KONAKOV, P. K.**
Isothermal motion of a viscous fluid past a thin plate. 04 p0603 A67-14709
Nonisothermal motion of a viscous fluid past a thin plate. 04 p0603 A67-14710
A method for solving the equations of a nonisothermal laminar boundary layer. 04 p0722 A67-14711
Solution of the composite heat transfer problem in a moving gray medium with a small optical density, on the basis of the boundary layer equations. 04 p0722 A67-14712
Composite heat transfer and viscous friction in a moving gray medium with large optical density. 04 p0722 A67-14713
- KONAKOVSKY, R.**
Bang-bang control for feedback systems /Bang-bang riadenie pre sustavy so spaetnymi vazzbami/. 05 p0784 A67-16854
- KONAREV, A. B.**
Production of gas-turbine engines /Proizvodstvo gazoturbinnyykh dvigatelei/. 11 p1798 A67-24516
- KONASHENOK, V. N.**
Lunar meteorological observatory for observations of the earth. 04 p0597 A67-15066
Photochemical equilibrium and ion composition of the upper layers of the atmosphere. 07 p1170 A67-19100
A lunar meteorological observatory for observations of the earth. 12 p1920 A67-25648
A model of an oxygen-hydrogen mesosphere /Model' kislorodo-vodorodnoi mezosfery/. 13 p2113 A67-26881
Variations in the total amount of ozone /O variatsiyakh polnogo kolichestva ozona/. 19 p3214 A67-34856
Analytical approximation for a cloud-modification-induced rearrangement of a cloud-droplet distribution spectrum /K voprosu ob analiticheskoi approksimatsii perestroiki spektra raspredeleniya kapel' oblakov pri aktivnom vozdeystvii na nikh/. 19 p3251 A67-34862
A model of an oxygen-hydrogen mesosphere. 21 p3618 A67-38426
- KONDITSINA, E. V.**
Flutter of two cylindrical panels joined by an elastic filler /Flatter dvukh tsilindricheskikh panelei, svlazannykh uprugim zapolnitelem/. 22 p3910 A67-39455
- KONDO, H.**
Plasma confinement by high-frequency multipole electromagnetic field. 11 p1839 A67-24425
- KONDO, I.**
Cosmic rays and radiation belts. 05 p0883 A67-16877
- KONDO, J.**
The effect of radiation and dissociation behind a strong shock wave. 15 p2415 A67-29309
Unsteady aerodynamic heating of a flat plate. 15 p2415 A67-29328
The optimum systems design - An allocation of redundancy to obtain the maximum reliability at the minimum weight. 18 p2681 A67-30635
- KONDO, K.**
Observation of RF modulated optical transients in Rb vapour. 04 p0632 A67-14770
On the geometrical approach to the micromechanics of fracture. 16 p2767 A67-31276
On the elastic properties of a fiber-reinforced plate. 16 p2776 A67-31544
- KONDO, Y.**
On the heaving motion of circular peripheral jet ground effect machines. 19 p3172 A67-34867
- KONDOLEON, S. A.**
Reliability with STOL. 24 p4095 A67-42958
[AIAA PAPER 87-797]
- KONDRASHOV, N. G.**
Solution, by the method of separation of variables, of the "adjoint" problem of cooling a cylinder with a turbulent fluid

- flow parallel to the axis of the cylinder /Reshenie metodom razdeleniya peremennyykh "sopriazhennoi" zadach ob okhlazhdenii tsilindra turbulentnym potokom zhdkosty, parallel'noy osi tsilindra/. 17 p2972 A87-33072
- KONDRASHOV, N. S.**
Lower bounds of the natural frequencies of circular cylindrical shells /Nizhnie otsenki sobstvennykh chastot krugovykh tsilindricheskikh obolochek/. 19 p3338 A87-34876
Optimal design for three-layer cylindrical shells under pulsed pressure loads /Optimal'noe proektirovanie trekhslonnykh tsilindricheskikh obolochek, nagruzhennykh pul'sirulushchimi davleniyami/. 19 p3338 A87-34878
- KONDRATENKO, A. M.**
Kinetic theory for waves passing through a waveguide plasma layer /Kinetichna teoriya prokhozhdennia khvil' kriz' shar plazmi, shcho znakhodit'sia v khvil'vedli/. 02 p0205 A87-12474
Penetration of a longitudinal electric field into a bounded magnetoactive plasma /Pro proniknennia pozdovzhn'ogo elektricheskogo polia v obmezheniu magnitoaktivnu plazmu/. 13 p2164 A87-26396
- KONDRATENKO, A. N.**
Penetration of a longitudinal electric field into a bounded magnetoactive plasma /O proniknovenii prodol'nogo elektricheskogo polia v ogranichenulu magnitoaktivnu plazmu/. 01 p0122 A87-10356
Kinetic theory of electromagnetic waves in a bounded magnetoactive plasma. II /Kineticheskaya teoriya elektromagnitnykh voln v ogranichennoi magnitoaktivnoi plazme. II/. 04 p0667 A87-15207
Kinetic theory of electromagnetic waves in a bounded magnetoactive plasma. I. 04 p0668 A87-15272
Kinetic theory of a layered plasma waveguide in a strong magnetic field /Kineticheskaya teoriya sloistoplazmennogo volnovoda v sil'nom magnitnom pole/. 05 p0761 A87-16341
Interaction of a bounded beam and a bounded plasma in a strong magnetic field. 08 p1358 A87-20857
Penetration of a longitudinal electric field into a bounded magnetoactive plasma. 11 p1844 A87-25029
Kinetic theory of electromagnetic waves in bounded magnetoactive plasma. 15 p2532 A87-30255
Energy losses of a modulated azimuthal current in a plasma situated in a magnetic field /Poteri energii azimuthalnogo modulirovannogo toka v plazme, nakhodiasheisia v magnitnom pole/. 16 p2716 A87-31177
Kinetic theory of electromagnetic waves in a bounded magnetoactive plasma /Kineticheskaya teoriya elektromagnitnykh voln v ogranichennoi magnitoaktivnoi plazme/. 21 p3670 A87-38685
Kinetic theory of the passage of electromagnetic waves through a magnetoactive plasma layer /Kineticheskaya teoriya prokhozhdennia elektromagnitnykh voln cherez magnitoaktivnyi sloi plazmy/. 22 p3761 A87-39758
Penetration of an electromagnetic field into a magnetoactive plasma /O proniknovenii elektromagnitnogo polia v magnitoaktivnu plazmu/. 22 p3762 A87-40123
- KONDRATEV, I. G.**
Application of the solutions to certain nonlinear equations in studies of waves in linear inhomogeneous media /Ob ispol'zovanii reshenii nekotorykh nelineynykh uravnenii dlia izuchenia voln v lineynykh neodnorodnykh sredakh/. 02 p0191 A87-11572
- KONDRATEV, K. I. A.**
Some questions on thermal atmospheric sounding. 02 p0239 A87-12377
Lunar meteorological observatory for observations of the earth. 04 p0597 A87-15066
Direct solar radiation up to 30 km and stratification of attenuation components in the stratosphere. 07 p1170 A87-19390
A survey of meteorological research from manned spacecraft. 07 p1221 A87-20008
Practical utilization of data from meteorological satellites /Prakticheskoe ispol'zovanie dannykh meteorologicheskikh sputnikov/. 10 p1676 A87-23017
The part of radiation in the heat regime of the atmospheric layer from 30 to 100 km. 10 p1647 A87-23275
- A lunar meteorological observatory for observations of the earth. 12 p1920 A87-25648
Applicability of approximate methods of determining atmospheric inhomogeneity to the calculation of the transmission function of the water-vapor rotational band /O primenimosti priblizhennykh metodov ucheta neodnorodnosti atmosfery pri vychislenii funktsii propuskaniia vrashchatel'noi polosy vodianogo para/. 13 p2151 A87-26682
Determination of the temperature of the underlying surface and of clouds from weather satellites /Opredelenie temperatury podstilushcheli poverkhnosti i oblakov s meteorologicheskikh sputnikov zemli/. 18 p3073 A87-33558
Basic factors determining the radiative heating of the atmosphere produced by absorption of short-wave radiation /Osnovnye faktory, opredeliasushchie radiatsionnoe nagrevanie atmosfery za schet pogloshchenia korotkovolnovoi radiatsii/. 19 p3251 A87-34851
Vertical profiles of the radiation balance and its components according to measurements in 1963 and 1964 /Vertikal'nye profili radiatsionnogo balansa i ego sostavilushchikh po dannym izmerenii 1963-1964 gg./. 19 p3214 A87-34853
Components attenuating direct solar rays in the troposphere and lower stratosphere /Komponenty oslablenia priamo solnechnoi radiatsii v troposfere i nizhnii stratosfere/. 19 p3214 A87-34854
Possibility of determining the absorption coefficient for water vapor and other components of the atmosphere from its self-radiation /K voprosu o vozmozhnosti opredelenia koefitsientov pogloshchenia vodianogo para i drugikh komponentov po sobstvennomu izlucheniiu atmosfery/. 19 p3251 A87-34858
- KONDRATEV, V. A.**
Asymptotic properties of the solution of the Navier-Stokes equation in the vicinity of an angular boundary point /Asimptotika reshenia uravnenia Nav'e-Stoksa v okrestnosti uglovoi tochki granitsy/. 10 p1875 A87-23676
Asymptotic of solution of the Navier-Stokes equation near the angular point of the boundary. 21 p3652 A87-38277
- KONDRATEV, V. N.**
Quantitative study of the mechanism of hydrogen combustion near the lower ignition limit /Kolichestvennoe izuchenie mekhanizma goreniia vodoroda vblizi nizhnego predela vosplameneniia/. 03 p0536 A87-13842
Problem of the study of the elementary processes in a low-temperature plasma /Problemy issledovaniia elementarnykh protsessov v nizkoteraturnoi plazme/. 17 p2893 A87-32135
- KONECCI, E. B.**
Space rescue. 02 p0332 A87-12271
[AIAA PAPER 66-905]
Closed ecological systems. 04 p0564 A87-15687
Manned aerospace flight in the future. 08 p1391 A87-21065
Space Age in Fiscal Year 2001, American Astronautical Society, Goddard Memorial Symposium, 4th, Washington, D.C., March 15, 16, 1966, Proceedings. 13 p2230 A87-27501
Integration of basic sciences into the teaching of biology in connection with bioastronautics. 16 p2782 A87-30787
- KONECNY, G.**
Geometrical considerations for mapping from scan imagery. 01 p0059 A87-10316
- KONENKO, O. R.**
Concentration waves of charged particles in a moving plasma. 09 p1544 A87-21851
- KONEV, E. V.**
Influence of light radiation on the burning rate of N powder. 06 p1112 A87-17958
Combustion of powder in the presence of a light flux /O goreniil porokha pri nalichii svetovogo izluchenia/. 12 p2039 A87-26113
- KONEVA, N. A.**
Strain-aging of ordered alloys at temperatures above and below critical point /Deformatsionnoe starenie uporiadochennykh splavov pri temperaturakh vyshie i nizhe kriticheskoi/. 01 p0101 A87-10938
Strain-hardening and the temperature dependence of the mechanical properties of ternary ordered alloys on an Ni sub 3 Fe base. I /O deformatsionnom uprochnenii i
- temperaturnoi zavisimosti mekhanicheskikh svoystv troinykh uporiadochennykh splavov na osnove Ni sub 3 Fe. 02 p0255 A87-12675
- KONEVETSKII, G. K.**
Phase characteristics of some I.F.-amplifier circuits with a logarithmic amplitude characteristic /Fazovye kharakteristiki nekotorykh skhem UPCh s logarifmicheskoi amplitudnoi kharakteristikoi/. 08 p0972 A87-18899
- KONIAEV, K. V.**
Interference method of two-dimensional Fourier transform with spatially incoherent illumination. 13 p2121 A87-27290
- KONIAEV, V. G.**
Optimum utilization of the aerodynamic forces in aircraft maneuvers /Optimal'noe ispol'zovanie aerodinamicheskikh sil dlia manevra letatel'nogo apparata/. 13 p2213 A87-27326
- KONIKOFF, J. J.**
Internal energy sources for implanted devices. 03 p0366 A87-14137
[AIAA PAPER 66-930]
Microbial life detection by measurement of physical parameters. 18 p2611 A87-30768
- KONINGSTEIN, J. A.**
Raman-excited electronic Raman spectrum of europium yttrium gallium garnet /Eu super 3 super plus YGaG/. 01 p0091 A87-11084
- KONISHI, T.**
Fundamental research on gear lubrication. 02 p0250 A87-12499
- KONIUKHOV, V. K.**
CaF sub 2 -Sm super 2 super plus laser with ruby laser excitation. 05 p0820 A87-16661
- KONIUKOV, M. V.**
Parker's solar-wind theory. I /K teorii solnechnogo vetra Parkera. I/. 14 p2378 A87-27915
Efflux of plasma from the sun /Ob lstechenii plazmy iz solntsa/. 20 p3529 A87-37520
Contribution to Parker's solar wind theory. II /K teorii solnechnogo vetra Parkera. II/. 21 p3699 A87-39012
- KONJEVIC, N.**
Low-frequency oscillations in a He-Ne laser. 05 p0825 A87-16948
Dwell times and velocities of particles in the arc plasma /Verweilzeiten und Geschwindigkeiten der Teilchen im Bogenplasma/. 19 p3281 A87-35155
Laser interferometric measurements of electron density in an arc plasma. 21 p3664 A87-38017
- KONKASHBAEV, I. K.**
Experiments with a high-current pulsed arc /Eksperimenty s sil'notochnoi impul'snoi dugoi/. 18 p3087 A87-34047
Ohmic heating of a dense hydrogen plasma /Omicheskii nagrev plotnoi vodorodnoi plazmy/. 24 p4195 A87-41939
- KONKOV, A. A.**
Thermodynamic and gas dynamic parameters of a low-temperature plasma /Termodinamicheskie i gazodinamicheskie parametry nizkoteraturnoi plazmy/. 17 p2884 A87-32148
- KONKOV, V. L.**
On the solution of some problems of the theory of probe measurements of semiconductor film parameters. 01 p0136 A87-10997
Dependence of the results of probe measurements of the conductivity of semiconductor samples on the thickness of the samples /O zavisimosti rezul'tatov zondovykh izmerenii provodimosti poluprovodnikovykh obraztsov ot ikh tolshchiny/. 17 p2910 A87-31928
Relation of Hall constant to size for semiconductor specimens with low-resistance current leads. 20 p3508 A87-36406
- KONNERTH, K.**
Efficient electroluminescence from GaAs diodes at 300 deg K. 01 p0131 A87-10368
- KONO, M.**
Intensity of the geomagnetic field during a reversed polarity. 02 p0236 A87-11477
- KONO, T.**
Microwave measurement of differential negative conductivity due to intervalley transfer of hot electrons in n-type GaAs. 14 p2369 A87-28595
- KONONENKO, A. F.**
Libration points approach. 24 p4231 A87-42401

- KONONENKO, K. I.**
Two detection mechanisms in a gas-discharge plasma. 05 p0856 A67-17235
- KONONENKO, L. I.**
Luminescent properties of some complex compounds of terbium with pyrazolone derivatives /Luminescentnye svoystva nekotorykh kompleksnykh soedinenii terbiia s proizvodnymi pyrazolona/. 03 p0433 A67-12888
Luminescence properties of some terbium-pyrazolone derivative complexes. 06 p1012 A67-18768
- KONONENKO, V. I.**
Fundamental solutions of partial differential equations with a differential Bessel operator /O fundamental'nykh resheniiakh uravnenii v chastnykh proizvodnykh s differentsial'nym operatorom Bessela/. 01 p0105 A67-10676
Investigation of the spatial plasma density distribution on the basis of microwave beam refraction with several frequency components /Issledovanie prostranstvennogo raspredeleniia plotnosti plazmy po refraktsii mikrovolnovogo luch'a s neskol'kimi chastotnymi sostavilushchimi/. 02 p0278 A67-12824
Spatial distribution of plasma density studied by refraction of microwave beam with several frequency components. 13 p2171 A67-27380
Investigation of the spatial distribution of plasma density from the refraction of a microwave beam with several frequency components /Issledovanie prostranstvennogo raspredeleniia plotnosti plazmy po refraktsii mikrovolnovogo luch'a s neskol'kimi chastotnymi sostavilushchimi/. 21 p3670 A67-38689
- KONONENKO, V. O.**
Effect of a vibrating base on the stability of the oscillations of a solid body /O vliianii vibrirulushchego osnovaniia na ustoiichivost' kolebaniil tverdogo tela/. 20 p3485 A67-36917
- KONONOV, B. P.**
Radiative acceleration of plasma /Radiatsionnoe uskorenie plazmy/. 17 p2904 A67-32915
Interaction of plasma bunches with a high-power microwave. 19 p3291 A67-35384
- KONONOV, E. IA.**
Production of spectra of multiply charged ions by focusing laser radiation on a solid target. 12 p1986 A67-26065
- KONONOV, S. V.**
Determination of the intensity of outward specific thermal fluxes in jets of a high-frequency electrodeless plasmatron in air /K opredeleniiu intensivnosti udel'nykh teplovyykh potokov k poverkhnosti v struiakh vysokochastotnogo bezelektrodnogo plazmatrona na vozdukh/. 06 p1045 A67-18813
- KONONOVA, A. M.**
Photometric method of determining gallium in semiconducting alloys. 22 p3804 A67-40299
- KONONOVA, L. I.**
Photometric method of determining gallium in semiconducting alloys. 22 p3804 A67-40299
- KONOP, P. L.**
Factors limiting UHF telemetry systems operation. 02 p0196 A67-12005
- KONOPELKO, F. L.**
Transfer phenomena in liquid semiconductors of the Ti-S system /Iavishcha perenosu v riddikikh naplivprovidnikakh sistem Ti-S/. 09 p1553 A67-21906
- KONOPLEV, I. D.**
Asymmetrical R- and RC-network electrical models for solving nonlinear equations of unsteady heat conduction. 14 p2274 A67-28315
- KONOPLEV, IU. G.**
Experimental investigation of the resistance of cylindrical shells to the effects of local forces /Eksperimental'noe issledovanie prochnosti tsilindricheskikh obolochek pri lokal'nykh silovykh vozdeistviakh/. 12 p2024 A67-25601
- KONOPEVA, R. F.**
The effect of disordered regions produced by fast neutron irradiation on semiconductor properties. 17 p2919 A67-32859
- KONOPEVA, V. P.**
Distribution of spatial luminosity and matter density in comet heads /Raspredelenie ob'emnoi svetimosti i plotnosti veshchestva v golovakh komet/. 05 p0891 A67-16339
- KONOVALOV, A. E.**
Investigation of the heating of the electrodes of an arc burning in a moving plasma /Issledovanie nagreva elektrodov dugi, gorishcheli v dvizhushchelsia plazme/. 17 p2907 A67-33091
- KONOVALOV, E. G.**
Study of metal deformation in conditions of uniform ultrasonic loading /Izuchenie deformatsii metall'a v usloviakh ravnomernogo ul'trazvukovogo nagruzheniia/. 21 p3722 A67-38450
- KONOVALOV, I. I.**
Investigation of a coaxial plasma source with gas admission at its end /Issledovanie koaksial'nogo istochnika plazmy s napuskom gaza na kontse/. 15 p2525 A67-29252
- KONOVALOV, IU. P.**
Periodic solutions of quasi-harmonic time-lag systems /O periodicheskikh resheniiakh kvazigarmonicheskikh sistem s zapazdyvaniem/. 18 p3079 A67-34371
- KONOVALOV, V. D.**
Dispersion of the number of zeros in the realization of a random signal /Dispersiia chisla vybrosov v realizatsiiakh sluchainogo signala/. 11 p1754 A67-24985
- KONOVALOVA, L. V.**
Effects of the external sources of the geomagnetic field at the altitude of the F2 layer. I /Ob effekтах vneshnikh istochnikov magnitnogo polia na vysotakh sloia F2. I/. 05 p0800 A67-17119
Effects of external sources of the magnetic field at F sub 2 -layer heights. I. 21 p3618 A67-38462
- KONOVETS, M. K.**
Electron-diffraction investigation of the structure of gallium-phosphide semiconducting thin films /Elektronografichne doslidzhennia strukturi tonkikh naplivprovidnikovikh plivok fosfidu galliu/. 04 p0686 A67-15970
- KONOVETS, N. K.**
On certain properties of GaP films. 16 p2729 A67-31065
- KONOWALOW, D. D.**
Relationship between Pitzer's acentric factor and the Morse intermolecular potential function. 07 p1138 A67-20193
- KONOZENKO, I. D.**
Effect of gamma and fast-neutron radiation on the electrical properties of cadmium sulfide single crystals. 01 p0128 A67-10086
Effect of temperature on the kinetics of gamma-conductivity of cadmium sulfide /Vliianie temperatury na kinetiku gamma-provodimosti sernistogo kadmila/. 14 p2367 A67-28526
Some radiation effects in p-type silicon /O nekotorykh radiatsionnykh effekтах v kremnii p-tipa/. 16 p2724 A67-30472
Influence of temperature on the kinetics of the gamma-conductivity of cadmium sulfide. 23 p4039 A67-40933
- KONRAD, J. W.**
Flight and operational suitability testing of the XC-142, V/STOL assault transport. [AIAA PAPER 67-261] 07 p1130 A67-20074
- KONRAD, T. G.**
Radar observations of insects in free flight. [AFCRL-67-0127] 03 p0371 A67-13916
Tracking of known bird species by radar. 04 p0569 A67-14679
Radar detection of the tropopause and clear air turbulence. 04 p0649 A67-14682
Simultaneous probing of the atmosphere by radar and meteorological sensors. 04 p0570 A67-14685
- KONRADI, A.**
Proton events in the magnetosphere associated with magnetic bays. 20 p3519 A67-37408
- KONRADI, G. G.**
Study of the mechanical properties of some titanium alloys at low temperatures /Issledovanie mekhanicheskikh svoistv nekotorykh titanovykh spлавov pri nizkikh temperaturakh/. 09 p1518 A67-21966
- KONSIN, P.**
Pseudo-Jahn-Teller effect and second order phase transitions in crystals. 16 p2726 A67-30813
- KONSOWSKI, S. G., JR.**
Interconnection of monolithic integrated circuits through the use of advanced materials and techniques. 08 p1303 A67-21189
- KONSTANTINOV, A. KH.**
Transverse elastic impact of a sphere against an anisotropic plate /Poperechnyi uprugii uder sharom po anizotropnoi plastinke/. 05 p0922 A67-17174
- KONSTANTINOV, B. P.**
Photography in coherent light - Experimental technique and resolution of the method /Fotografirovanie v kogerentnom svete - Eksperimental'naia tekhnika i razreshaiushchala sposobnost' metoda/. 01 p0063 A67-10355
The possible antimatter nature of micrometeorites. 07 p1247 A67-19096
Coherent light photography - Experimental technique and resolving power. 11 p1794 A67-25028
Experimental evidence against the hypothesis of an earth dust cloud /Eksperimental'nye dannye, svidetel'stviushchie protiv gipotezy o pylevom oblake zemli/. 17 p2850 A67-32975
An experiment to test the hypothesis of the antimatter nature of meteoric swarms. 23 p4069 A67-41689
- KONSTANTINOV, K. M.**
Physical properties of binary alloys of titanium in the quenched state /Fizicheskie svoystva dvoynykh spлавov titana v zakalennom sostoianii/. 07 p1206 A67-19281
- KONSTANTINOV, O. V.**
Strong injection in a nondegenerate p-n junction. 02 p0286 A67-11827
Recombination waves in a finite sample. 04 p0681 A67-15290
Conditions for the existence of slow and fast recombination waves in semiconductors /Uslovia sushchestvovaniia medlennykh i bystrykh rekombinatsionnykh voln v poluprovodnikakh/. 18 p3099 A67-33696
- KONSTANTINOV, V. A.**
Effect of oxygen on the recrystallization of tantalum /Vliianie kisloroda na rekristallizatsiiu tantala/. 02 p0255 A67-11866
Interaction of tantalum with nitrogen and air /Vzaimodelstvie tantala s azotom i vozdukhom/. 05 p0832 A67-17507
Interaction of tantalum with nitrogen and air. 21 p3644 A67-38035
- KONSTANTINOV, V. B.**
Photography in coherent light - Experimental technique and resolution of the method /Fotografirovanie v kogerentnom svete - Eksperimental'naia tekhnika i razreshaiushchala sposobnost' metoda/. 01 p0063 A67-10355
Laser resolvometry /Lazernaia rezolvometriia/. 01 p0091 A67-10832
Coherent light photography - Experimental technique and resolving power. 11 p1794 A67-25028
- KONSTANTINOVA, N. A.**
Temperature dependence of the actual contact area and the friction forces in highly elastic materials /Temperaturnaia zavisimost' ploshchadi fakticheskogo kontakta i sily treniia vysokoelastichnykh materialov/. 23 p4021 A67-40596
- KONTOROVICH, I. E.**
Effect of oxygen on the properties and structure of VT 16 titanium alloy /Vliianie kisloroda na svoystva i strukturu titanovogo splava VT16/. 04 p0637 A67-14942
Effect of thermal treatment on the texture of titanium alloys with electrodeposited chromium and nickel /Vliianie termicheskoi obrabotki na teksturu titanovykh spлавov i elektroosazhennykh na nikh khroma i nikela/. 04 p0637 A67-14944
Influence of molybdenum on the properties of Kh15N85 alloy. 06 p1018 A67-18229
- KONTOROVICH, M. I.**
Diffraction of a plane electromagnetic wave on an anisotropically conducting plane - Shielding and reflecting action of a dense radial grid /Difraktsiia ploskoi elektromagnitnoi volny na anizotropno provodiashelei ploskosti - Ekranirovushchee i otrazhatel'noe deistvie gusloi radial'noi setki/. 07 p1143 A67-19589
Diffraction of a plane electromagnetic wave by an anisotropically conducting plane /Screening and reflecting actions of a dense radial grid/. 20 p3384 A67-37326
- KONTOROVICH, V. M.**
Scattering of electromagnetic waves by velocity fluctuations, and radiation of fluctuating media in external fields. 08 p1295 A67-20831

- KONTOS, H. A.**
Effects of hypercapnia on human forearm blood vessels. 20 p3373 A67-37584
- KONTSEVOI, I. U. A.**
Measuring the specific resistance of plates and epitaxial layers by the opposing probe method. 11 p1792 A67-24813
- KONTUSH, S. M.**
Some methods for measuring the velocity of aerosol particles /Nekotorye metody izmereniia skorosti dvizheniia aerol'nykh chastits/. 08 p1428 A67-21422
- KONTZ, R. S.**
Multiple correlation applications in design analysis. 05 p0777 A67-17249
- KONYSHEV, I. U. V.**
An airborne photoelectric measurement device for cloud droplets. 07 p1189 A67-20009
- KOOI, E.**
On the role of sodium and hydrogen in the Si-SiO sub 2 system. 02 p0300 A67-12518
- KOOKOOTSEDES, G. J.**
Silicone resins and plastics for microelectronic packaging. 18 p3069 A67-34564
- KOONCE, C. S.**
Superconductivity in degenerate semiconductors. 06 p1069 A67-18979
- KOOPMAN, D. W.**
Measurement of charge-exchange cross sections for H super plus, H sub 2 super plus, and He super plus ions. 09 p1535 A67-22381
Possible observations of collisionless electrostatic shocks in laser-produced plasmas. 11 p1840 A67-24561
- KOOPMANN, G. H.**
The vortex wakes of vibrating cylinders at low Reynolds numbers. 15 p2471 A67-29653
- KOOY, C.**
Structural effects in thin films observed by electron microscopy of the film cross-section. 02 p0287 A67-11712
- KOOY, J. M. J.**
On soft landing of manned space vehicle on lunar surface. 07 p1258 A67-19429
What is gravity/ques/ /Was ist Schwerkraft/ques/. 18 p3077 A67-33549
On the interdependence of gravitation and cosmical expansion. 19 p3325 A67-35556
- KOOZEKANANI, S.**
Inexpensive CO sub 2 molecular gas laser. 01 p0090 A67-10827
- KOOZEKANANI, S. H.**
Excitation cross section of some of the states of Ne II, Ar II, and Kr II by electron collision. 08 p1339 A67-21376
An excitation mechanism for the A super plus laser. 20 p3460 A67-36860
Observed laser lines in freon-helium mixtures. 22 p3817 A67-40489
- KOPACHEVSKII, N. D.**
Hydrodynamics in weak fields of forces - Small oscillations of a viscous fluid in a potential field of mass forces /Gidrodinamika v slabykh silovykh polakh - O mal'kikh kolebaniakh v'iazkol' zhidkosti v potentsial'nom pole massovykh sil/. 05 p0791 A67-16373
Cauchy problem for small oscillations of a viscous fluid in a weak field of mass forces /O zadache Koshi dlia mal'kikh kolebanii v'iazkol' zhidkosti v slabom pole massovykh sil/. 09 p1532 A67-21873
- KOPAL, Z.**
Shape of the moon from the Orbiter determination of its gravitational field. 02 p0320 A67-11474
An Introduction to the Study of the Moon. 06 p1087 A67-18428
The shape of the moon, its internal structure and moments of inertia. 08 p1388 A67-21011
Lunar research on the moon. 09 p1568 A67-22409
Lunar photography at Pic du Midi observatory. 10 p1710 A67-23563
Perturbations of the orbits of artificial satellites by an attraction of external bodies. 16 p2746 A67-30981
Measure of the Moon, International Conference on Selenodesy and Lunar Topography, 2nd, University of Manchester, Manchester, England, May 30-June 4, 1966, Proceedings. 18 p1327 A67-34301
Lunar profiles determined from the annular solar eclipses of 1962 and 1963. 18 p3130 A67-34314
Terminator photography in oblique illumination for lunar topographic work. 18 p3132 A67-34330
- Estimates of the zonal gravity harmonics of the moon. 18 p3135 A67-34539
Recent exploration of the moon by spacecraft. 20 p3528 A67-37249
- KOPANEV, V. I.**
Physiological aspects of the problem of weightlessness /Fiziologicheskie aspekty problemy nevesomosti/. 20 p3369 A67-36668
- KOPECKY, M.**
Simplified method of computing the electric conductivity in sunspots and in the photosphere. 03 p0511 A67-13814
Proton flares and types of spot groups in the 11-year cycle. 05 p0883 A67-16808
Electrical field in solar atmosphere caused by pressure gradient. 12 p2000 A67-25133
The periodicity of the sunspot groups. 22 p3890 A67-40428
- KOPECKY, V.**
On strong turbulence of an inhomogeneous weakly ionized plasma in crossed electric and magnetic fields. 07 p1228 A67-19508
Low-frequency instability of an inhomogeneous weakly ionized plasma in crossed electric and inhomogeneous magnetic fields. 18 p3089 A67-34296
- KOPEIK, I. U. D.**
Integral equations of the second boundary-value problem of the equilibrium of an elastic body of revolution /Integral'nye uravneniia vtoroi kraevoi zadachi o ravnovesii uprugogo tela vrashcheniia/. 11 p1878 A67-24877
- KOPLOVICH, L. E.**
A practical method of calculating the Fresnel coefficients. 02 p0266 A67-11910
- KOPLIK, B.**
Approximate solutions for frequencies of axisymmetric vibrations of spherical caps. 23 p4073 A67-40617
Torsional vibrations of homogeneous and sandwich spherical caps and circular plates. 23 p4073 A67-40618
Axisymmetric vibrations of homogeneous and sandwich spherical caps. 23 p4075 A67-40667
- KOPNIN, I. U. M.**
Evolution of the elliptical orbit plane of a satellite under the action of a lateral perturbing force /Evolutsiia ploskosti ellipticheskoi orbity sputnika pod vlianiem bokovoi vozmushchalushchei sily/. 06 p1088 A67-18620
Equations describing orbital-plane rotation /Ob uravneniakh, opisuyushchikh povorot orbital'noi ploskosti/. 09 p1564 A67-21887
- KOPP, E. H.**
A coupled mode analysis of the traveling-wave transistor. 03 p0382 A67-13667
- KOPP, R. E.**
Trajectory optimization techniques. 06 p1082 A67-17932
- KOPPANG, R. R.**
Rocket-exhaust impingement on a flat plate at high vacuum. [AIAA PAPER 66-46] 02 p0341 A67-11934
- KOPPE, E.**
Experience with the automatic aircraft-noise monitoring equipment at the Frankfurt airport /Erfahrungen mit der automatischen Fluglärmmuellerwachsungsanlage des Frankfurt/Main/. 09 p1484 A67-21941
- KOPPE, H.**
The current carrying capacity of a hard superconducting wire in zero external field. 03 p0488 A67-12814
- KOPPE, V. T.**
Emission spectra of rarefied molecular gases excited by fast electrons. 07 p1225 A67-19099
- KOPPEL, H.**
Use of frequency-time coded pulsed signals in satellite communications systems. 06 p0961 A67-17696
- KOPPENWALLNER, G.**
Hypersonic low-density wind tunnel of the Aerodynamische Versuchsanstalt Goettingen - Operational behavior and first results concerning real gas effects in nozzle flows /Der hypersonische Vakuumwindkanal der Aerodynamischen Versuchsanstalt Goettingen - Betriebsverhalten und erste Ergebnisse ueber reale Gaseffekte in Duesenstromungen/. 04 p0595 A67-14561
Hypersonic wind tunnel for small gas densities in the aerodynamic testing facilities at Goettingen /Ein hypersonischer Windkanal fuer kleine Gasdichten in der aerodynamischen Versuchsanstalt Goettingen/. 05 p0786 A67-16591
- KOPRIVA, Z.**
Direct measurement of aeroelastic parameters on high-speed-aircraft wing models fixed to rocket test beds /Prime mereni aeroelastickych vlastnosti na modelech kridel rychlych letounu pomoci nosnych raket/. 09 p1576 A67-22462
- KOPROV, B. M.**
Parameters of small-scale turbulence in the diabatic atmospheric surface layer /Kharakteristiki melkomasshtabnoi turbulentnosti v stratifitsirovannom pogranichnom sloe/. 05 p0837 A67-16487
- KOPROV, V. M.**
Characteristics of very small-scale turbulence in a stratified boundary layer. 13 p2150 A67-26343
- KOPYLOV, G. I.**
Contribution to the theory of holographic image magnification. 18 p3053 A67-34622
- KOPYLOVSKII, B. D.**
Spontaneous and coherent radiation of electron-hole plasma in indium antimonide. 01 p0087 A67-10088
Some thermal effects in GaAs lasers. 10 p1666 A67-23568
- KOPYTOV, V. D.**
Determination of the magnitudes of strain in an elastoplastic region in a plane-stressed state by the method of photoelastic coatings /Opredelenie velichin deformatsii v uprugoplasticheskoi oblasti pri ploskonapriazhennom sostoianii v metode fotopugrikh pokrytii/. 02 p0336 A67-11628
Investigation of the stress-strain state in the elastoplastic range of a strip with a bilateral semicircular notch with the aid of photoelastic coatings /Issledovanie napriazhenno-deformirovannogo sostoiianiia pri uprugoplasticheskikh deformatsiakh polosy s dvustoronnei polukrugloi vytochkoi metodom fotopugrikh pokrytii/. 12 p2032 A67-26105
- KORABLEV, L. V.**
Instability, connected with the "loss cone" of a plasma with hot electrons. 12 p1971 A67-25334
- KORB, G.**
Applications of diagnostic relationships between wind and pressure fields to the divergent barotropic model /Anwendungen diagnostischer Beziehungen zwischen Wind- und Druckfeld am divergent-barotropen Modell/. 19 p3253 A67-35530
- KORB, L. J.**
Spacecraft plumbing systems. 07 p1192 A67-20247
A case history of titanium stress corrosion in nitrogen tetroxide. [ASM PAPER C6-2.2] 23 p4020 A67-41409
- KORBANSKII, I. N.**
Scattering of plane electromagnetic waves by a round inhomogeneous cylinder of infinite length. 03 p0368 A67-13281
- KORBIT, B. A.**
Flutter of two cylindrical panels joined by an elastic filler /Flatter dvukh tsilindricheskikh panelei, svyazannykh uprugim zapolnitelem/. 22 p3910 A67-39455
- KORCHAK, A. A.**
Regarding the origin of the continuous electromagnetic radiation accompanying solar flares. 02 p0310 A67-12576
Compton effect on relativistic electrons in the solar atmosphere. 12 p2002 A67-25528
Synchrotron radiation in a dipole magnetic field. 12 p1994 A67-25535
Possible polarization of the X-ray bremsstrahlung of solar flares /O vozmozhnoi polarizatsii tormoznogo rentgenovskogo izlucheniia solnechnykh vspyshek/. 13 p2191 A67-26383
Polarization of cosmic X-rays. 13 p2191 A67-26713
Possible mechanisms of generation of hard X radiation during solar flares /O vozmozhnykh mekhanizmkh generatsii zhestkogo rentgenovskogo izlucheniia pri solnechnykh vspyskhakh/. 15 p2549 A67-29141
Possible polarization of bremsstrahlung from solar flares. 21 p3698 A67-38817
Possible mechanisms for generating hard X-rays in solar flares. 24 p4222 A67-43064
- KORCHEV, I. U. P.**
Effect of small magnetic fields on the properties of a thermionic diode situated in an autonomous discharge plasma /Vpliv nevelikikh magnitnykh poliv na vlastivosti termoelektronnogo dioda, shcho znakhodit'sia v avtonomni rozriadni plazmi/. 01 p0034 A67-10135

- Nature of ionization in a cesium discharge plasma /Priroda ionizatsii v rozriadnii tseziyovii plazmi/. 22 p3847 A67-39510
- KORDENBROCK, J. U.**
Design principles for air-cushion devices. [ASME PAPER 67-DE-61] 14 p2246 A67-28884
- KORDIG, J. W.**
Correlation of nozzle submergence losses in solid rocket motors. 05 p0875 A67-17366
- KORDOS, P.**
Determination of the concentration of active impurities in p-type InSb by the method of zero thermoelectric potential /Urcenie koncentracie aktivnykh primesi v p-type InSb metodou nulovogo termonapaetii/. 19 p3308 A67-35875
Heat treatment of InSb crystals with different dislocation densities. 20 p3506 A67-36227
- KORDUS, A.**
Measurement of conductivity of low-temperature plasma used in magnetogasdynamic generators. 13 p2055 A67-26434
Experiments and results of measurements of low-temperature plasma conductivity /Issledovaniia i rezul'taty izmerenii elektricheskoi provodimosti nizkotemperaturnoi plazmy/. 17 p2895 A67-32155
- KORDZAI, E. V.**
Analog-computer solution of systems of linear algebraic equations by the modified Gauss-Zeidel' method /Reshenie sistem lineinykh algebraicheskikh uravnenii modifitsirovannym metodom Gaussa-Zeidella na analogovykh vychislitel'nykh mashinakh /AVM//. 01 p0105 A67-10542
- KORDZINSKI, W.**
The course of the parameter changes of a turbojet engine as a function of reduced rotational velocity /Przebieg zmian parametrow turbinowego silnika odrzutowego w zalezności od sprowadzonej predkosci obrotowej/. 24 p4207 A67-41916
- KOREICHO, W.**
Telemetry equipment of the European satellites ESRO 1, HEOS A, TD 1, and TD 2 /Equipments de telemesure des satellites Europeens ESRO I, HEOS A, TD I et TD 2/. 17 p2816 A67-32747
- KORENEV, G. V.**
The Mechanics of Guided Bodies. 20 p3482 A67-37459
- KORENEVSKII, D. G.**
Some problems in the theory of nonlinear oscillations of quasi-linear random-delay systems /Nekotorye voprosy teorii nelineinykh kolebanii kvazilineinykh sistem so sluchalnym zapazdyvaniem/. 17 p2885 A67-32876
Theory of systems with distributed parameters and delay /K teorii sistem s raspredelennymi parametrami i s zapazdyvaniem/. 19 p3251 A67-36048
- KORENEVSKII, L. N.**
Correlator for the study of oscillations in a stationary gas discharge /Korrelator dlia issledovaniia kolebanii v stacionarnom gazovom razriade/. 07 p1227 A67-19120
Correlator for investigating fluctuations in a stationary gaseous discharge. 21 p3664 A67-38165
- KORENMAN, V.**
Photon bunching in a laser at threshold. 20 p3461 A67-37289
- KORETSKII, I. A. P.**
Investigation of a constricted induced discharge /Issledovanie kontragirovannogo induktsionnogo razriada/. 17 p2897 A67-32176
- KORFF, S. A.**
Fast neutron latitude variations in the atmosphere at solar minimum. 03 p0505 A67-12950
Cosmic ray neutrons. 06 p1077 A67-17875
The importance of manned exploration in space. 08 p1392 A67-21067
- KORIDZE, V. G.**
World increases in cosmic ray intensity and their connection with geomagnetic disturbances. 02 p0312 A67-12601
Planetary distribution and possible interpretation of sudden increases in cosmic ray intensity detected by the world network, but not associated with visible formations on the sun. 02 p0312 A67-12602
- KORINEK, S.**
Analysis of an electric circuit in the transient state by means of an automatic digital computer /Analiza elektrichego obvodu v prechodnem stavu pomoci samocinneho cislicoveho pocitace/. 09 p1469 A67-22440
- KORKAN, K. D.**
Optimization of base thermal protection system for advanced Saturn II boosters employing strap-on solid propellant motors. 10 p1735 A67-23729
Base flow characteristics and thermal environment of launch vehicles with strap-on solid rocket motors. 22 p3902 A67-39939
Optimization of base thermal protection system for advanced Saturn II boosters employing strap-on solid-propellant motors. 24 p4256 A67-42915
- KORLOV, V. A.**
The use of radioprotective drugs in space-flight conditions. 12 p1902 A67-25654
- KORMILOV, N. I.**
Investigation of contact-type current collector /Ispytanie kontaktного tokos'emnika/. 21 p3572 A67-38916
- KORN, G. A.**
Progress of analog/hybrid computation. 05 p0769 A67-17519
- KORNBLAU, M.**
Application of thermochromic materials in display devices. 05 p0860 A67-16307
- KORNECKI, A.**
Buckling of truncated conical shells under uniform static pressure. 23 p4081 A67-41760
- KORNEEV, D. N.**
Observation of quantum dimensional effects in bismuth films by the method of tunnel spectroscopy /O nabludenii kvantovykh razmernykh effektiv v plenkach visnuta metodom tunnel'noi spektroskopii/. 02 p0281 A67-11632
- KORNEEV, V. G.**
Mathematical study of algorithms for calculating shells from rod schemes /Algoritmy rascheta obolochek po sterzhnevui skheme i likh matematicheskoe issledovanie/. 12 p2026 A67-25617
Numerical realization of the partitioning method in the case of the bending of a plate /O chislennoi realizatsii metoda rascheniia na primere izgiba plastinki/. 15 p2576 A67-30180
- KORNEVA, L. G.**
Study of silicon photocells at high luminous-flux concentrations /Issledovanie kremniyevykh fotopreobrazovatelei pri vysokikh kontsentratsiakh svetovogo potoka/. 13 p2056 A67-27622
- KORNEICHUK, V. I.**
Reversible counter using a decimal register /Reversivnyi schetchik na osnove desiatichnogo registra/. 22 p3809 A67-40479
- KORNER, A.**
Electronic generation of stochastic step processes defined by stationary Markov chains /Elektronische Erzeugung stochastischer Stufenprozesse, die durch stationaere Markoffsche Ketten bestimmt sind/. 07 p1162 A67-20195
- KORNEV, V. M.**
Evidence for equations of three-layer plates with an asymmetrical structure and a rigid filler /Obosnovanie uravnenii trekhslonnykh plastin nesimmetrichnoi struktury s zhestkim zapointilem/. 06 p1106 A67-18628
Stability of a circular cylindrical shell under external transverse pressure with allowance for the edge effect /Ustoiichivost' krugovoi tsilindricheskoi obolochki, nagruzhennoi vneshnim poperechnym davlenniem s uchedom kraevogo effekta/. 21 p3717 A67-37975
- KORNEVA, I. V.**
Influence of turbulent Pr number on friction and heat transfer at a plate immersed in a turbulent gas stream. 24 p4143 A67-42283
- KORNFELD, D.**
Investigation of RFI due to nonlinearities in transistor amplifiers. 20 p3404 A67-37634
- KORNHAUSER, E. T.**
Modal solution of a point source in a strongly focusing medium. 11 p1751 A67-23969
- KORNIENKO, L. A.**
Study of the oxidation of thin films of beryllium. 13 p2132 A67-26998
- KORNIENKO, L. G.**
Effect of atmospheric inhomogeneities on the directive gain of large antennas. 21 p3600 A67-38812
- KORNIENKO, M. G.**
Correlation coefficient for angular diversity reception /Koeffitsient korrellatsii pri uglovom raznesenno prieme/. 22 p3759 A67-39433
- KORNILEV, V. M.**
Device with a visual record of the H component of the geomagnetic field. 12 p1941 A67-25556
- KORNILOV, B. V.**
Nonsinusoidal current oscillations in n-type zinc-compensated silicon /Nesinusoidal'nye kolebania toka v kremnii n-tipa, kompensirovannom tsinkom/. 04 p0679 A67-15142
Nonsinusoidal current oscillations in n-type silicon compensated with zinc. 12 p1979 A67-25165
Nonlinear effects in zinc-compensated n-type silicon /Nelineinye efekty v kremnii n-tipa, kompensirovannom tsinkom/. 13 p2172 A67-26356
Nonlinear effects in n-type silicon compensated with zinc. 21 p3679 A67-38313
- KORNILOV, E. A.**
Spatial and temporal correlations of electric fields in a weakly turbulent plasma. 01 p0121 A67-10235
- KORNILOV, I. I.**
Physicochemical theory of heat-resistance of refractory metals and alloys /Fiziko-khimicheskaiia teoriia zharoprochnosti tugoplavkikh metallov i spavov/. 05 p0831 A67-17501
The periodic table of elements and problems of metal chemistry. 06 p1018 A67-18233
Physicochemical nature of alloys of the system Ti-Al-O /O fiziko-khimicheskoi prirode spavov sistemy Ti-Al-O/. 07 p1203 A67-19260
Phase equilibrium and properties of the alloys of the quasi-ternary system Ti sub 3 Al-Ti sub 3 Sn-Zr /Fazovoe ravnovesie i svoistva spavov kvazitroinnoi sistemy Ti sub 3 Al-Ti sub 3 Sn-Zr/. 07 p1204 A67-19264
Study of the phase diagram of titanium-rich alloys of the system Ti-Al /Issledovanie diagrammy ravnovesiia bogatykh titanom spavov sistemy Ti-Al/. 07 p1204 A67-19267
Thermochemical study of the alloys of the system Ti-Al in the region of an alpha-solid solution /Termokhimicheskoe issledovanie spavov sistemy Ti-Al v oblasti alfa-tverdogo rastvora/. 07 p1204 A67-19268
Structure of alloys of the systems Ti-Fe and Ti-Cr-Fe /K voprosu o stroenii spavov sistem Ti-Fe i Ti-Cr-Fe/. 07 p1204 A67-19269
Study of alloys of the ternary system Ti-Al-V /Issledovanie spavov troinnoi sistemy Ti-Al-V/. 07 p1205 A67-19273
Study of the heat resistance of the titanium alloy AT3 after ordinary and mechanothermal treatment /Issledovanie zharoprochnosti titanovogo spava AT3 posle obychnoi i mekhaniko-termicheskoi obrabotki/. 07 p1206 A67-19284
Some mechanical and physical properties of alloys of the Ti-Cr-Fe system /Nekotorye mekhanicheskie i fizicheskie svoistva spavov sistemy Ti-Cr-Fe/. 07 p1206 A67-19285
Effect of heat treatment on the mechanical properties of AT2 type alloys /Vliianie termicheskoi obrabotki na mekhanicheskie svoistva spavov tipa AT2/. 07 p1207 A67-19286
Some mechanical and physical properties of the AT13 alloy /Nekotorye mekhanicheskie i fizicheskie svoistva spava AT13/. 07 p1207 A67-19287
Investigation of the strength of titanium alloys by bending techniques at 600 deg /Issledovanie prochnosti titanovykh spavov metodom izgiba pri 600 deg/. 07 p1207 A67-19288
Study of the mechanical properties of some titanium alloys at low temperatures /Issledovanie mekhanicheskikh svoistv nekotorykh titanovykh spavov pri nizkikh temperaturakh/. 09 p1518 A67-21966
Determination of the heat resistance of titanium alloys. 12 p1955 A67-25366
Superconductivity of the Nb sub 3 Al-Mo sub 3 Al system /Sverkhprovodimost' v sisteme Nb sub 3 Al-Mo sub 3 Al/. 13 p2184 A67-27631
Types of diagram of composition vs heat resistance as they relate to certain patterns in the heat resistance of titanium alloys /Nekotorye zakonomernosti zharoprochnosti titanovykh spavov i tipy diagramm sostav - Zharoprochnost'/. 15 p2504 A67-30007
Investigation of the phase equilibrium in a cross section of the Ti-Al-Cr-Fe-Si-B system

- /Issledovanie fazovogo ravnovesia chasti sistemy Ti-Al-Cr-Fe-Si-B/. 16 p2687 A67-30849
- Study of the equilibrium diagram of the TiNi-TiFe system /Issledovanie diagrammy ravnovesia sistemy TiNi-TiFe/. 20 p3468 A67-37179
- Physicochemical theory of the heat resistance of refractory metals and alloys. 21 p3643 A67-38028
- Superconductivity in the system Nb sub 3 Al-Mo sub 3 Al. 21 p3685 A67-38828
- KORNILOV, S. A.**
- Dependence of the amplitude and frequency noise of a reflex klystron on its modes of operation /Zavisimost' amplitudnykh i chastotnykh shumov otrazhatel'nogo klistrona ot ego rezhima/. 04 p0583 A67-15169
- Dependence of amplitude and frequency noises of a reflex klystron on its mode of operation. 15 p2443 A67-29355
- KORNILOV, V. A.**
- Ohmic heating of a dense hydrogen plasma /Omicheskii nagrev plotnoi vodorodnoi plazmy/. 24 p4195 A67-19393
- KORNILOV, V. V.**
- Simulation of certain nonlinear dependences with the aid of magnetic devices /Modelirovanie nekotorykh nelineynykh zavisimostei s pomoshch'yu magnitnykh ustroystv/. 09 p1498 A67-22032
- KORNIUSHCHIN, I. V.**
- Theory of mobility, Hall effect, and magnetoresistance in semiconductors with a nonuniform charged-ion concentration /Teoriya rukhlivosti, efektu Kholla ta magnetootoporu v naplyprovodnikakh z nerivnomirnoiu kontsentratsieiu zarizadenykh ioniv/. 22 p3858 A67-39507
- KOROBENIK, I. F.**
- Some applications of the theory of normally solvable operators to infinite-order differential equations /Nekotorye primeneniya teorii normal'no-razreshimykh operatorov k differentsial'nym uravneniyam beskonечно poriadka/. 07 p1217 A67-20152
- KOROBENIKOV, V. P.**
- Plane explosion in an electroconducting gas in an inclined magnetic field /Ploskii vzryv v elektroprovodnom gaze pri naklonnom magnitnom pole/. 05 p0855 A67-17022
- Plane, cylindrical, and spherical explosions in a gas with a counterpressure /Ploskii, tsilindricheskii i sfericheskii vzryv v gaze s protivodavleniem/. 05 p0793 A67-17099
- Plane detonation in an electrically conducting gas in an oblique magnetic field. 14 p2359 A67-28484
- Attenuation of weak magnetohydrodynamic shock waves /Zatukhanie slabyykh magnitogidrodinamicheskikh udarnykh voln/. 21 p3665 A67-38239
- Invariant solutions of the magnetohydrodynamic equations /Ob invariantnykh resheniyakh uravnenii magnitnoi gidrodinamiki/. 24 p1497 A67-42354
- KOROBIN, V. V.**
- A regulated power supply for image converters with output-voltage control. 06 p1004 A67-18393
- KOROBKOV, I. U.**
- Study of an equatorial ionospheric anomaly in the East-Asian zone of the Pacific Ocean /Issledovanie ekvatorial'noi anomalii ionosfery v Vostochno-Aziatskoi zone Tikhogo okeana/. 14 p2308 A67-27937
- KOROBV, M. G.**
- Angular distribution of reflected radiation according to IL-18 aircraft data of 1964 /Uglovoye raspredelenie otrazhennoi radiatsii po dannym poletov na samolete IL-18 v 1964 g./. 07 p1220 A67-19452
- KOROBV, N. N.**
- Evaluating the efficiency of automatic control systems with self-adjustment with respect to the input signal. 20 p3409 A67-37198
- KOROBOVA, Z. B.**
- Photospheric structure above a sunspot. 04 p0701 A67-15552
- KOROCKINA, A. A.**
- Dependence of the E sub s layer on solar activity. 12 p1933 A67-25545
- KOROL, E. N.**
- Physical properties of crystalline compounds of type A super III B super V ionic-valence bonds /Fizicheskie svoystva kristallicheskikh soedinenii tipa A super III B super V s ionno-valentnoi svyaz'yu/. 18 p3094 A67-33436
- KOROL, O. G.**
- Deformation of a membrane /K voprosu o deformirovani membrany/. 21 p3632 A67-38061
- Electron heating in pressworking of sheet materials /Elektronnyi nagrev pri obrabotke davleniem listovyykh materialov/. 21 p3637 A67-38927
- KOROLEV, A. S.**
- Viscous hypersonic gas flow past slender pointed cones. 13 p2050 A67-26882
- KOROLEV, I. M.**
- Design and structural strength of aircraft gas-turbine engines /Konstruktsiya i prochnost' aviatsonnykh gazoturbinnyykh dvigatelei/. 17 p2928 A67-32564
- KOROLEV, I. U. N.**
- Some thermal effects in GaAs lasers. 10 p1666 A67-23568
- KOROLEV, I. U. V.**
- Equivalent transformations of electronic circuits with nonreciprocal elements /Ekvivalentnye preobrazovaniya radioelektronnykh skhem s neobratimymi elementami/. 19 p3201 A67-34908
- KOROLEV, O. I.**
- Spectral distribution of the relative quantum yield of photoluminescence of polycrystalline cadmium sulfide films at 77 deg K. 01 p0133 A67-10510
- Temperature-dependence of the spectra of absorption, reflection, radiation, excitation, and quantum output of the luminescence of polycrystalline cadmium sulfide films /Temperaturnaya zavisimost' spektrov pogloshcheniya, otrazheniya, izlucheniya, vzbuzhdeniya i kvantovogo vykhoda luminesstentsii polikristallicheskikh plenok sulfida kadmia/. 03 p0433 A67-12889
- KOROLEV, S. I.**
- Study of the corrosion properties of yttrium. I. 12 p1954 A67-25358
- KOROLEV, V. I.**
- Some problems in the choice of an optimum structure for glass-reinforced plastics. 04 p0708 A67-14787
- Motion of a craft with aerial lifting wings over a rough water surface /Dvizhenie apparata s vozduzhnymi nesushchimi kryl'ami nad vzvolnovannoi poverkhnost'yu vody/. 18 p3022 A67-33415
- KOROLKOV, D. V.**
- Effect of the atmosphere on the characteristics of radio telescopes of maximally large dimensions. 07 p1158 A67-20241
- KOROLKOV, V. I.**
- Electrical properties of gallium-phosphide/gallium-arsenide p-n heterojunctions /Elektricheskie svoystva p-n geteroperekhodov fosfid gallia-arsenid gallia/. 05 p0867 A67-17054
- Injection luminescence of epitaxial heterojunctions in the GaP-GaAs system /Inzhektionsnaya luminesstentsiya epitaksial'nykh geteroperekhodov v sisteme GaP-GaAs/. 09 p1554 A67-21975
- Investigation of volt-ampere characteristics of diffused p-n junctions in GaAs sub 0.65 P sub 0.35 /Issledovanie vol'tampernykh kharakteristik diffuzionnykh p-n-perekhodov v GaAs sub 0.65 P sub 0.35/. 12 p1984 A67-25519
- Electric and photoelectric properties of epitaxial gallium arsenide films /Elektricheskie i fotoelektricheskie svoystva epitaksial'nykh sloev arsenida gallia/. 12 p1984 A67-25521
- Electrical properties of gallium phosphide-gallium arsenide p-n heterojunctions. 15 p2538 A67-29785
- Injection luminescence of epitaxial heterojunctions in the GaP-GaAs system. 17 p2923 A67-33312
- Investigation of the current-voltage characteristics of diffused p-n junctions in GaAs sub 0.65 P sub 0.35. 18 p3103 A67-34450
- Electrical and photoelectric properties of epitaxial films of gallium arsenide. 18 p3103 A67-34452
- KOROMYSICHENKO, V. D.**
- Direct and inverse Markov problem in a complex region. I /Priamala i obratnaya zadacha V. A. Markova v kompleksnoi oblasti. I/. 01 p0104 A67-10286
- KORONATOVA, T. D.**
- A two-parametric, multilevel model for predicting the geopotential field. 20 p3481 A67-37236
- KOROSTIN, I. U. P.**
- Determination of optimal path parameters by processing experimentally recorded pulsed signals /Opredelenie optimal'nykh parametrov trass na osnovanii obrabotki eksperimental'no zaregistrirovannykh impul'snykh signalov/. 21 p3580 A67-38120
- KOROTAEV, A. D.**
- Strain-aging of ordered alloys at temperatures above and below critical point /Deformatsionnoe starenie uporoporiadochennykh splavov pri temperaturakh vyshhe i nizhe kriticheskoi/. 01 p0101 A67-10938
- Strain-hardening and the temperature dependence of the mechanical properties of ternary ordered alloys on an Ni sub 3 Fe base. I /O deformatsionnom uprochnenii i temperaturnoi zavisimosti mekhanicheskikh svoystv troinykh uporoporiadochennykh splavov na osnove Ni sub 3 Fe. I/. 02 p0255 A67-12675
- KOROTAEV, M. M.**
- Some problems in the selection of research astronauts /Nekotorye problemy otbora kosmonavtov issledovatelei/. 13 p2062 A67-26763
- Influence of some extreme effects on the functional state of the stomach /Vlianie nekotorykh ekstremal'nykh vozdeystvii na funktsional'noe sostoyanie zheludka/. 16 p2613 A67-30915
- KOROTAEV, A. S.**
- Peculiarities of the operation of low-temperature plasma generators with vortex stabilization of the arc, and generalization of the investigations /Osobennosti raboty generatorov nizkotemperaturnoi plazmy s vikhrevoi stabilizatsiei dugi i obobshchenie rezul'tatov issledovani/. 17 p2897 A67-32171
- KOROTIN, A.**
- A study of the aurorae, X rays, ionosphere and related phenomena from subauroral zone stations. 12 p1937 A67-25834
- KOROTKIN, A. I.**
- The stability of plane Poiseuille flow in the presence of elastic boundaries. 06 p0984 A67-18044
- KOROTKOVA, S. E.**
- Stressed state of an adhesive joint with a one-sided covering /Napruzhenii stan kleiovogo z'ednaniya z odnostoronni'ou nakladkoi/. 21 p3716 A67-37909
- KOROTKOVA, Z. S.**
- Beginning of the overlap of the operating ranges of lasers and backward-wave tubes. 05 p0825 A67-17168
- KOROVCHINSKII, M. V.**
- Some problems of elastorheology having an application in the theory of friction. 22 p3811 A67-39317
- KOROVITSYN, A. V.**
- Mode selection in the semiconcentric cavity of a gaseous laser oscillator. 03 p0437 A67-13286
- KOROVKIN-SHCERBAK, N. I.**
- Minimization of the number of arithmetical operations in a matrix transformation process /O minimizatsii chisla arifmeticheskikh operatsii pri odnom preobrazovanii matrits/. 04 p0644 A67-14729
- KOROVKIN, A. N.**
- Study of the collapse of a cavitation pocket near a solid wall /Issledovanie zamykaniya kavitatsionnoi kaverny vblizi tverdogo stenki/. 12 p1927 A67-25320
- KOROVNICHENKO, B. A.**
- Method of separating magnetic fields produced by bodies made of conducting materials /Metod razdeleniya magnitnykh polei, sozdavaemykh telami iz provodiashchikh materialov/. 22 p3795 A67-39227
- KORPUKOV, V. N.**
- Results of a radar study of the wind regime in the meteor zone. 13 p2110 A67-26552
- KORSHAKEVICH, I. I.**
- Field intensity probe measurements in an Ac arc /Zondovye izmereniya napriazhennosti polia v duge peremennogo toka/. 03 p0475 A67-13087
- KORSHUNOV, I. U. M.**
- The design of optimal measuring systems containing digital computers. 05 p0782 A67-16268
- KORST, H. H.**
- Installed performance of air-augmented nozzles based on analytical determination of internal ejector characteristics. [AIAA PAPER 65-596] 03 p0350 A67-12903
- KORSUNOVA, L. P.**
- Relation between the electron

- concentration at heights of 100 and 110 km and the degree of perturbation of the earth's magnetic field /O svyazi elektronnoi kontsentratsii na vysotakh 100 i 110 km s vozmushchennost'iu magnitnogo polia zemli/. 05 p0801 A67-17143
- Relation of electron concentration at heights of 100 and 110 km to geomagnetic field disturbance. 21 p3619 A67-38485
- KORSUNSKAIA, N. E.**
Effect of gamma and fast-neutron radiation on the electrical properties of cadmium sulfide single crystals. 01 p0128 A67-10086
- Measurement of the temperature-dependence of the mobility of carriers produced by X radiation in CdS single crystals /Izmerenie temperaturnoi zavisimosti podvizhnosti nositelei, sozdannykh rentgenovskimi izlucheniem, v monokristallakh CdS/. 14 p2387 A67-28525
- Measurement of the temperature dependence of the mobility of carriers generated by X-ray irradiation of CdS. 23 p4039 A67-40932
- KORSUNSKII, M. I.**
Effect of heat treatment in various media on the properties of CdTe films with abnormally high photovoltage /Vliianie termootbratki AFN-plenok CdTe v razlichnykh sredakh na ikh svoistva/. 22 p3861 A67-39924
- KORTIER, W. E.**
A random intact reentry and earth burial study for radiolotope thermoelectric generators. 24 p4241 A67-42559
- KORTMAN, C. M.**
Data compression by redundancy reduction. 09 p1470 A67-22876
- Redundancy reduction - A practical method of data compression. 11 p1756 A67-24708
- KORTNEV, A. V.**
Basis for the construction of a nonscanning adaptive automatic control system with a variable structure /O printsipe postroeniia besposkovoi adaptivnoi sistemy avtomaticheskogo upravleniia s peremennoi strukturoi/. 03 p0394 A67-14062
- A principle for constructing adaptive automatic control systems with variable structure that do not hunt. 13 p2089 A67-27711
- KORTOV, V. S.**
Exoemission from ground surfaces of germanium and silicon. 02 p0296 A67-11830
- KORTUM, R. L.**
New studies of the band structure of the diamond-type crystals. [AFCLR-67-0382] 06 p1058 A67-18902
- KORTY, P. R.**
The effects of hydrazine on free amino acids of plasma and urine. 23 p3952 A67-41570
- KORZEC, Z.**
Transient response of junction transistors in the case of inductive load. 03 p0386 A67-13978
- KORZH, V. I.**
Dinistor-based triggers with counting input /Triggery so schetnym vkhodom na dinistore/. 03 p0377 A67-13239
- KORZOV, V. I.**
Some measured results for the coefficients of spectral brightness in the region 0.7 to 2.5 μ m /Nekotorye rezul'taty izmerenii spektral'nykh koeffitsientov iarkosti v oblasti 0.7-2.5 μ m/. 01 p0107 A67-10126
- KOS, M.**
Tests with supersonic direction probes /Badania naddzwiekowych sond kierunkowych/. 09 p1496 A67-21693
- KOSACHEVSKA, O. O.**
Representation of the congruence axes of a vortical motion by a single-parameter family of ball cylinders /Zobrazheniia kongruentsii osel gvinotovogo rukha odnoparametrichnoi slm'eiu tsilindroidiv bolia/. 21 p3611 A67-37902
- KOSARCHIN, V. N.**
Some boundary value problems for shallow shells with holes /Nekotorye granichnye zadachi dlia pologikh obolochek s otverstsiami/. 05 p0916 A67-16224
- Calculation of stress concentrations at holes in shallow shells subjected to finite deformation /K raschetu kontsentratsii napriazhenii u otverstii v pologikh konechnodeformiruemyykh pologikh obolochkakh/. 12 p2023 A67-25594
- KOSARENKO, V. A.**
Thermal emissivity and absorptivity of rough surfaces-Thermal emissivity of tubular radiators /Izluchatel'naia i pogloshchatel'naia sposobnost' sherokhovatykh poverkhnostei - Izluchatel'naia sposobnost' trubchatikh radiatorov/. 02 p0342 A67-12331
- KOSAREV, A. I.**
Effect of the type of the testing machine on the strength characteristics of titanium alloys at increased grip speeds. 03 p0446 A67-13566
- KOSAREV, D. A.**
Steady heat transfer through a rib-reinforced radiating wall in the case of a variable heat transfer coefficient of the material /Statsionarnaiia teploperedacha cherez orebrennuiu stenku s izlucheniem pri peremennom koeffitsiente teploprovodnosti materiala/. 14 p2407 A67-28646
- KOSAREV, V. M.**
Radiative and nonradiative recombination of minority carriers in gallium phosphide crystals /Izluchatel'naia i bezyzluchatel'naia rekombinatsiia neosnovnykh nositelei v kristallakh fosfida galliia/. 05 p0868 A67-17063
- Radiative and nonradiative recombination of minority carriers in gallium phosphide. 15 p2538 A67-29794
- KOSDON, F. J.**
Pressure dependence of nonmetalized hybrid fuel regression rates. 10 p1697 A67-23133
- KOSEVICH, V. M.**
Study of the defects of reciprocally oriented polycrystalline bismuth-antimony films by the moire method /Izuchenie defektov polikristallicheskiikh vzaimno orientirovannykh plenok vismut-sur'ma metodom muara/. 20 p3510 A67-36813
- KOSHARNOVSKII, V. P.**
Preconditions of computer use in metal cutting /Predposylki k primeneniiu EVM v oblasti rezaniia metallov/. 21 p3637 A67-38920
- KOSHELEV, A. I.**
Degenerate quasi-linear elliptic equations and systems /O vyrozhdaiushchikhsia kvazilineinykh ellipticheskikh uravneniiakh i sistemakh/. 15 p2511 A67-30001
- KOSHELEV, B. P.**
Laser emission attenuation in artificial water fogs /Oslablenie izlucheniia opticheskikh kvantovykh generatorov v lskustvennykh vodnykh tumanakh/. 22 p3816 A67-39921
- KOSHELEV, O. G.**
Investigation of the recombination properties of A-centers in silicon at helium temperatures /Issledovanie rekombinatsionnykh svoistv A-tsentrov v kremnii pri gelievyykh temperaturakh/. 10 p1694 A67-23649
- Investigation of recombination properties of A-centers in silicon at helium temperatures. 17 p2923 A67-33330
- KOSHELEVA, T. I.**
Stability of a toroidal shell /Ob ustoiichivosti toroidal'noi obolochki/. 10 p1720 A67-23602
- KOSHIDE, S.**
Numerical examination of the effects of constraint on the trial function in direct application of variational calculus - Pure torsional vibration of a cantilever beam of thin walled open cross section as an example. 05 p0917 A67-16418
- KOSHKIN, V. K.**
Unsteady heat transfer in tubes resulting from changes in heat flow, gas mass flow rate and acoustic resonance. 04 p0733 A67-15844
- Convective heat transfer in a tube with a gaseous heat carrier pulsating at a frequency that corresponds to the second resonance harmonic /Konvektivnyi teploobmen v trube pri pulsatsiikh gazovogo teplonositella s chastotoi, sootvetstvuiushchei vtoroi rezonansnoi garmonike/. 07 p1266 A67-19182
- Experimental study of unsteady heat transfer in a tube in the presence of a variable gas flow rate /Eksperimental'noe issledovanie nestatsionarnogo teploobmena v trube pri izmenenii rashkoda gaza/. 17 p2967 A67-32129
- Experimental study of unsteady heat transfer in a tube during heat-flux fluctuations /Eksperimental'noe issledovanie nestatsionarnogo teploobmena v trube pri izmenenii teplovogo
- potoka/. 17 p2967 A67-32130
- KOSHKIN, V. M.**
Deviations from stoichiometry and the solubility of impurities in semiconductors with stoichiometric vacancies /Otkloneniia ot stekhiometrii i rastvorimost' primesel v poluprovodnikakh so stekhiometricheskimi vakansiami/. 18 p3096 A67-33449
- KOSHKIN, V. N.**
Convective heat transfer of a pulsating flow in a tube near the first resonant harmonic /Konvektivnyi teploobmen pul'siruiushchego potoka v trube vblizi pervoi rezonansnoi garmoniki/. 23 p4082 A67-41285
- KOSHLIAKOV, V. N.**
On the application of the Rodrigues-Hamilton and Cayley-Klein parameters in the applied theory of gyroscopes. 01 p0068 A67-10989
- Contribution to the theory of single-rotor correctable gyrocompasses /K teorii odnorotornykh korrektruemyykh girokompassov/. 15 p2490 A67-30170
- KOSHMAROV, I. U. A.**
Heat transfer of a sharp cone in a supersonic rarefied gas flow. 01 p0007 A67-10977
- Heat transfer of a plate in a supersonic rarefied gas flow. 04 p0546 A67-14783
- KOSIAKIN, A. A.**
Taking the effect of quantization by level into account in the statistical analysis of closed-loop digital automatic systems. 06 p0976 A67-18406
- KOSIAKINA, E. S.**
Special features of plastic deformation and fracture of titanium at room temperature /Osobennosti plasticheskoi deformatsii i razrusheniia titana pri komnatnoi temperaturе/. 07 p1205 A67-19278
- KOSICKI, B. B.**
Sulfur donor level associated with /100/ conduction band of GaSb. 04 p0673 A67-14476
- KOSILOV, S. A.**
Procedure for processing some motor characteristics in biomechanical investigations on an electronic digital computer /Metodika obrabotki na elektronnoi tsifrovoi vychislitel'noi mashine /ETsVM/ nekotorykh kharakteristik dvizheniia v biomekhanicheskikh issledovaniakh/. 24 p4114 A67-41857
- KOSINSKI, E. J.**
Recent advances in forging beryllium for aerospace applications. [SAE PAPER 660634] 01 p0078 A67-10608
- KOSKIN, I. U. P.**
Boundary layer on an insulator wall and its effect on the parameters of MHD devices /Pogranichnyi sloi na izlatorsnoi stenke i ego vliianie na parametry MGD-ustroistv/. 06 p1043 A67-18673
- Necessity of taking into account the variable electrical conductivity of a plasma in calculations of leakage currents on the insulating walls in MHD channels /O neobkhodimosti ucheta peremennoi elektroprovodnosti plazmy pri raschetakh tokov peretekaniia na izlatorsnykh stenkakh v MGD-kanalakh/. 18 p3088 A67-34061
- Influence of the boundary conditions along the center of the flow on the characteristics of the wall boundary layer of a low-temperature plasma in MHD channels /O vlianii granichnykh uslovii po ladru potoka na kharakteristiki pristenochno pogranchnogo sloia nizkotemperaturnoi plazmy v MGD-kanalakh/. 21 p3665 A67-38241
- KOSKINEN, M. F.**
The plasma physics of thermionic converters. 22 p3747 A67-39342
- KOSKY, A. N.**
Ion rocket engine propellant systems and high voltage electrical isolation studies. [AIAA PAPER 67-681] 21 p3692 A67-38712
- KOSMODAMIANSKII, A. S.**
Determination of a stressed state of an elastic medium with curvilinear holes /K voprosu opredeleniia napriazheniia sostoiianiia uprugoi sredy s krivolinейnymi otverstsiami/. 01 p0158 A67-10217
- Multiply connected problems in two-dimensional theory of elasticity /Mnogosviaznye zadachi ploskoi teorii uprugosti/. 11 p1878 A67-24875
- KOSMODAMIANSKII, O. S.**
Physically nonlinear problems for a plate weakened by two circular holes /Fizichno-nelineinii zadachi dlia plastinki, poslablenoi dvoma krugovymi

- otvorami/. 16 p2766 A67-31147
- KOSMODEMIANSKII, A. A.**
Selection of an optimal direction for a reactive force under conditions of horizontal flight of maximum duration /O vybore optimal'nogo napravleniya reaktivnoi sily dlia rezhima maksimal'noi prodolzhitel'nosti gorizontalnogo poleta/. 18 p3136 A67-33557
- KOSMODEMIANSKII, V. A.**
Sufficient conditions for the absolute extremum in a variational problem of the Bolza-Meyer type. 11 p1870 A67-24685
- KOSMOLINSKII, F. P.**
A study of the states of activity of a group of subjects contained in conditions of relative isolation /Izuchenie rezhimov zhiznedatel'nosti grupy ispytatelei, nakhodivshchikhsia v usloviakh otositel'noi izolatsii/. 16 p2613 A67-30912
- Problem of sensory deprivation in space medicine /Problema sensornoi deprivatsii v kosmicheskoi meditsine/. 24 p4111 A67-41842
- KOSONOCKY, W. F.**
Laser digital devices. 07 p1194 A67-19088
- KOSOUROV, G. I.**
The laser as a source of optical Fourier transforms /Lazer kak isotochnik dlia opticheskoi transformatsii Fur'/. 05 p0824 A67-16921
- A laser as a source for optical Fourier transforms. 14 p2330 A67-28261
- KOSSECKA, E.**
Linear equations of motion of a concentrated defect. 22 p3909 A67-39292
- KOSSEVICH, V. M.**
Investigation of the structure of metal films by electron-diffraction and electron-microscope techniques /Untersuchung der Struktur metallischer Schichten nach dem elektronenmikroskopischen und Elektronenbeugungs-Messverfahren/. 02 p0285 A67-11705
- KOSSOWSKY, R.**
Effect of hydrostatic pressure on gamma prime precipitation in Rene 41. 06 p1016 A67-17902
- Twinning in beryllium binary alloys during pressurization in a solid medium. 16 p2690 A67-31371
- KOSSYI, I. A.**
Investigation of a conical induction plasma source. 04 p0668 A67-15280
- KOSTADINOV, I. Z.**
Coefficient of optical absorption by free charge carriers /Koeffitsient opticheskogo pogloscheniya na svobodnykh nositelakh zaryada/. 14 p2372 A67-28808
- KOSTENKO, P. P.**
Conducting gas flow in an annular channel with an axial magnetic field /Tehenie provodivshchego gaza v kol'tsevom kanale v prisutstvi osovogo magnitnogo polia/. 01 p0120 A67-10174
- KOSTER, G. F.**
Transition probabilities between laser states in carbon dioxide. 02 p0252 A67-11891
- KOSTER, J. R.**
Some studies of night-time F-layer irregularities at the equator using very high frequency signals radiated from earth satellites. 03 p0407 A67-12828
- Ionospheric studies using the tracking beacon on the "Early Bird" synchronous satellite. 03 p0407 A67-12832
- Some equatorial ionospheric E-and F-region drifts measurements at Tamale. 03 p0407 A67-12833
- Some studies of night-time F-layer irregularities at the equator using very high frequency signals radiated from earth satellites. [AGARDOGRAPH 95] 15 p2482 A67-30290
- KOSTERIN, V. A.**
Investigation of the mechanism of flame stabilization on gasdynamic screens /Issledovanie mekhanizma stabilizatsii plameni na gazodinamicheskikh ekranakh/. 22 p3921 A67-40455
- KOSTETSKII, B. I.**
A study of the dry friction characteristics of some cermets at high sliding speeds. 19 p3247 A67-35850
- Plastic deformation and topography of rubbing surfaces. 19 p3237 A67-35851
- Deformation of polymers under friction loads /Deformatsiya polimerov pri friktsionnom nagruzenii/. 20 p3473 A67-36842
- X-ray diffraction investigation of the fatigue of alloy D16AT as affected by ambient media. 21 p3642 A67-37826
- Influence of surface-active media on the formation of the dislocation structure in metal fatigue /Vlianiye poverkhnostnoaktivnykh sred na formirovaniye dislokatsionnoi struktury pri ustalosti metallov/. 24 p4174 A67-42724
- KOSTIAKOVA, E. B.**
Absolute spectrophotometry for comet Arend-Roland /1956 h/ /Absolutnaya spektrofotometriya komety Arenda-Rolana /1956 h/. 05 p0891 A67-16338
- KOSTIANOI, G. N.**
Relation of radiation temperature of an opaque body to radiative temperature change of the medium. 02 p0343 A67-12646
- Radiative properties of cloud covers /O radiatsionnykh svoistvakh oblachnosti/. 07 p1220 A67-19454
- Variations in the long-wave radiation field of the free atmosphere within 7 to 10 hr time periods /Izmeneniye polia dlennovolnovoi radiatsii v svobodnoi atmosfere v techenie 7-10 chasov/. 07 p1220 A67-19455
- Direct measurement of the radiative heat influx in the free atmosphere /O pramykh izmereniyakh luchistogo pritoka tepla v svobodnoi atmosfere/. 07 p1172 A67-19458
- KOSTIK, R. I.**
The matrix equations of radiation diffusion. II /Matrichnye uravneniya diffuzii izlucheniya, II/. 14 p2382 A67-27832
- KOSTIN, A. V.**
Asymptotic series in the theory of nonlinear systems of ordinary differential equations. I /Ob asimptoticheskikh rladakh v teorii nelineynykh sistem obyknovennykh differentsial'nykh uravnenii. I/. 20 p3479 A67-37718
- KOSTIN, V. V.**
CaF sub 2 Dy super 2 giant pulse laser with high repetition rate. 05 p0822 A67-16674
- KOSTIUK, A. G.**
Deformation and breakdown of a crystalline material under a complex loading schedule /O deformatsii i razrushenii kristallicheskogo materiala pri slozhnoi programme nagruzeniya/. 20 p3540 A67-37057
- KOSTIUK, E. N.**
Development of the theory of contact reactions between solids in the Twentieth Century /O razviti v xx veke teorii kontaktnykh vzaimodelstviy mezhdu tverdyimi telami/. 01 p0158 A67-10216
- KOSTIUK, V. I.**
Self-adaptive servosystems /Samonastravalushchiesia slediaschchie sistemy/. 03 p0393 A67-13715
- A discrete self-adjusting tracking system. 20 p3409 A67-37199
- Self-adaptive multidimensional continuous servocontrol systems /Samonastravalushchiesia mnogomernyye nepreryvnye slediaschchie sistemy upravleniya/. 20 p3412 A67-37379
- Method of an essential additional operator /Metod istotnogo dopomizhnogo operatora/. 21 p3604 A67-39110
- KOSTIUKOVSKII, IU. M.-L.**
Controllability in dynamic systems. 01 p0048 A67-11293
- Accuracy of optimal control systems. 20 p3410 A67-37231
- KOSTKO, O. K.**
Effect of corpuscular streams and the reaction of photodetachment of electrons on the formation of the D layer of the ionosphere /O vlianii korpuskulyarnykh potokov i reaktsii fotootlipaniya elektronov na obrazovanie D-sloia ionosfery/. 09 p1491 A67-21894
- On the nature of D layer in the ionosphere. 19 p3218 A67-35227
- On interpretation of charged particles concentration at the heights of 10-60 km. 19 p3219 A67-35249
- KOSTMAN, S.**
Carbon and nitrogen transfer in a type-316 stainless-steel, Cb-1 percent Zr, liquid-potassium system. 07 p1223 A67-19465
- KOSTOCHKO, IU. P.**
Electric explosion of a foil /Elektricheskii vzryv fol'gi/. 20 p3502 A67-37604
- KOSTOMAROV, D. P.**
On the flute instability in an unbalanced plasma. 01 p0126 A67-11299
- Determination of the density of ionospheric plasma by the phase method. 07 p1173 A67-19701
- Investigation of nonhomogeneous plasma stability by numerical methods. 19 p3292 A67-35393
- Extraordinary wave and plasma wave near the lower hybrid frequency. 22 p3844 A67-39419
- Cyclotron instability of a plasma in magnetic mirror machines. 22 p3852 A67-39988
- KOSTORNOV, A. G.**
Materials made of metallic fibers /Materialy iz metallicheskiikh volokon/. 20 p3466 A67-36912
- KOSTRITSIA, A. N.**
Contribution to the theory of single-rotor correctable gyrocompasses /K teorii odnorotornykh korrektriruemykh girokompasov/. 15 p2490 A67-30170
- KOSTRIKOV, V. N.**
Specific heat of gallium selenide and thallium selenide. 21 p3680 A67-38323
- KOSTRIKOV, V. N.**
Thermal capacity of gallium selenide and thallium selenide /Teploemkost' selenida gallia i selenida tallia/. 13 p2174 A67-26367
- KOSTROV, A. V.**
Motion of a three-degrees-of-freedom astatic gyroscope with allowance for viscous friction in the suspension, in the case of irregular rocking of the base /O dvizhenii trekhstepennogo astaticeskogo giroskopa s uchedom viazkogo treniya v podvese pri neregularnoi kachke osnovaniya/. 22 p3810 A67-40484
- KOSTUR, M. L.**
Dependence of the thermoelectrical properties of CdSb polycrystals on their structural state /Prozalezhnist' termoelektricheskikh vlastivostei polikristaliv CdSb vid ikh strukturnogo stanu/. 14 p2372 A67-28758
- KOSTUR, T. O.**
Dependence of the thermoelectrical properties of CdSb polycrystals on their structural state /Prozalezhnist' termoelektricheskikh vlastivostei polikristaliv CdSb vid ikh strukturnogo stanu/. 14 p2372 A67-28758
- KOSTYCHEV, G. I.**
Optimally interacting systems with control constraints /Ob optimal'no vzaimodelstvuiushchikh sistemakh s ogranicheniyami na upravleniya/. 20 p3407 A67-36440
- KOSTYGOVA, I. E.**
Investigation of a supersonic rarefied argon plasma jet /Issledovanie sverkhzvukovoi strui razrezhennoi argonovoi plazmy/. 11 p1842 A67-24963
- KOSTYLEV, V. M.**
Heat transfer properties of loose-fiber materials in vacuum. 16 p2780 A67-31772
- KOSYNNIN, V. D.**
Oscillation relaxation in iodine /Kolebatel'naya relaksatsiya v iode/. 12 p1930 A67-26115
- KOT, K.**
Results of complex tests of welded aluminum joints /Wyniki kompleksowych badan aluminiowych zlacz spawanych/. 18 p3053 A67-33743
- KOT, M. V.**
Basic regularities of the electrical characteristics of some heterojunctions and their band structures /Osnovnye zakonomernosti elektricheskikh kharakteristik nekotorykh geteroperekhodov v ikh zonnnykh skhemy/. 12 p1983 A67-25515
- Principal relationships governing the electrical characteristics of some heterojunctions and their band schemes. 18 p3103 A67-34446
- KOTADIA, K. M.**
Sporadic-E ionization and anomalous increase in the rate of radar meteor counts during 1963. 07 p1172 A67-19424
- Ionospheric effects of nuclear explosions. I. 15 p2478 A67-30067
- Effects of magnetic storms on the F2-layer of the ionosphere near the boundary of the equatorial zone. 16 p2663 A67-30970
- KOTANCHIK, J. N.**
Structures and materials for manned reentry vehicles. [AIAA PAPER 66-987] 03 p0520 A67-14143
- KOTATKO, J.**
An experimental contribution to the possibility of the utilization of the radioprotective compound AET. 22 p3753 A67-40546
- KOTELNIKOV, K. A.**
Nuclear cascade process in an ionization calorimeter /Iadernokaskadnyi protsess v ionizatsionnom

- kalorimetre/. 02 p0248 A67-12747
A new installation at the Tyan-Shan' Mountain station for investigation of strong interactions at energies of 100 to 1000 Bev - First results. 22 p3801 A67-40248
Nuclear cascade processes in an ionization calorimeter. 22 p3801 A67-40249
Mean characteristics of the process of multiple particle production at energies from 100 to 1000 GeV /Srednie kharakteristiki protsessa mnozhestvennogo rozhdeniia chastits pri energiyakh 100-1000 GeV/. 24 p4217 A67-42830
- KOTELNIKOV, N. G.**
Spark chamber as a linear high-energy electron and photon detector /Iskrovala kamera kak linyevol detektor elektronov i fotonov vysokoi energii/. 03 p0425 A67-14264
A spark chamber as a shower detector for high-energy electrons and photons. 14 p2321 A67-28776
- KOTERA, N.**
Non-linear galvanomagnetic effects due to hot electrons in n-type InSb in the quantum limit. 06 p1065 A67-18953
- KOTICK, B. J.**
Polarization analysis of natural and artificially induced geomagnetic micropulsations. 15 p2476 A67-29620
- KOTIN, L.**
Linear second-order differential equations of positive type. 21 p3652 A67-38195
- KOTIUKOV, V. G.**
Nonlinear flutter of plates /K voprosu o nelineinom flattere plastin/. 09 p1574 A67-21915
- KOTLENSKY, W. V.**
On the mechanisms of high-temperature plastic deformation in pyrolytic carbons. [JPL-TR-32-1137] 24 p4177 A67-42711
- KOTLIAR, I. A. M.**
Asymptotic solutions of the Reynolds equation /Asimptoticheskie resheniia uravneniia Reinal'dsa/. 10 p1660 A67-23046
- KOTLIAREVSKII, D. M.**
Report on the performance of the Tskhra-Tskaro facility, and preliminary data on the free path of nuclear-active particles with energies from 10 super 11 to 10 super 12 ev in carbon /Soobshchenie o rabote ustanovki "Tskhra-Tskaro" i predvaritel'nye dannye o svobodnom probege laderno-aktivnykh chastits s energiei 10 super 11 -10 super 12 ev v uglerode/. 24 p4219 A67-42845
- KOTNIK, J.**
A new electrical gyroscope power supply. 02 p0184 A67-12411
- KOTON, V. L.**
Use of multipoint excitation of electrodynamic analogs /O primenenii mnogotochechnogo vzbuzhdeniia elektrodinamicheskikh analogov/. 06 p1109 A67-18667
- KOTOV, I. A. P.**
Theory of the reactive properties of semiconductor p-n-n super plus structures at high injection levels /K teorii reaktivnykh svoystv poluprovodnikovyykh p-n-n super plus - Struktur pri vysokikh urovniakh inzhetsii/. 06 p1049 A67-17868
Theory of the reactive properties of junctions in p-n-n super plus structures at high injection levels /K teorii reaktivnykh svoystv perekhodov v p-n-n super plus - strukturakh pri vysokikh urovniakh inzhetsii/. 06 p1049 A67-17868
Theory of static characteristics of four-layer p super plus -n-nu-n super plus diode structures /K teorii staticheskikh kharakteristik chetyrekhslonnykh p super plus -n-nu-n super plus -diodnykh struktur/. 08 p1303 A67-21054
Active and reactive components of the total resistance of p-n-n super plus structures at high injection levels in the current region j sub 0 approximately exp/eV/2kT/ /Aktivnaia i reaktivnaya sostavilushchhie polnogo soprotivleniia p-n-n super plus-struktur pri vysokikh urovniakh inzhetsii v oblasti tokov j sub 0 approximately exp/eV/2kT/. 13 p2081 A67-27278
Study of the inductive properties of p-n-n super plus diodes with a minimum distribution of steady-state carrier concentration in the base. I /Issledovanie induktivnykh svoystv p-n-n super plus -diodov s minimumom raspredeleniia statsionarnoi kontsentratsii nositelei toka v baze. I/. 13 p2182 A67-27282
- KOTOV, I. U. D.**
Investigation of high-energy muons by means of a complex installation /Issledovanie mluonov vysokikh energii s pomoshch'iu kompleksnoi ustanovki/. 02 p0317 A67-12770
Investigation of high-energy muons by means of a complex installation. 22 p3877 A67-40272
Investigation of the energy and angular distribution of high-energy muons /Issledovanie energeticheskogo i uglovogo raspredeleniia mluonov bol'shoi energii/. 24 p4222 A67-42877
Investigation of the penetrating component of cosmic rays at a depth of 130 mwe /Issledovanie pronikalushchiel komponenty kosmicheskikh luchei na glubine 130 m v. e./. 24 p4222 A67-42878
- KOTOV, V. I.**
Waves with complex propagation constants in a diaphragmed waveguide. I /Volny s kompleksnymi postolannymi rasprostraneniia v diafragmirovannom volnovode. I/. 04 p0252 A67-15214
Waves with complex propagation constants in an iris-loaded waveguide. I. 15 p2438 A67-30262
- KOTOVA, E. S.**
Regional blood circulation disorders in humans under prolonged transverse accelerations /K voprosu o narusheniakh regionalnogo krovoobrashcheniia u cheloveka pri dlitel'no deistvulushchikh poperechno napravlennykh uskoreniiakh/. 16 p2610 A67-30755
- KOTOVSKAIA, A. R.**
Certain problems concerning the action of g-forces in space flight - Cumulative and adaptive effects /Nekotorye problemy deistviia peregruzok v kosmicheskom polete - Effekty kumulatsii i adaptatsii/. 02 p0188 A67-12328
Physiological reactions of man to the effect of overload during space flight /Fiziologicheskie reaktsii cheloveka pri vozdeistvii peregruzok vo vremia kosmicheskikh poletov/. 16 p2610 A67-30752
- KOTRUBENKO, B. P.**
Chemical bond and structure of the ternary compound InAsTe. 20 p3506 A67-36226
- KOTS, I. A. M.**
Application of the monosynaptic H-reflex technique to the recording of the effects of electric stimulation of the human vestibular apparatus /Primenenie metodiki monosinapticheskogo N-refleksa dlia registratsii effektov elektricheskogo razdrazheniia vestibularnogo apparata u cheloveka/. 20 p3369 A67-36270
- KOTSARENKO, M. I. A.**
Theory of electromagnetic fluctuations in a semimfinite plasma /Do teorii elektromagnitnykh fluktuatsii v napl'vobmezhnii plazmi/. 24 p4195 A67-42075
- KOTSARENKO, N. I. A.**
Extraction and amplification of the difference frequency in a plasma-and-beam system. 05 p0786 A67-17170
Plasma stationary distribution in the field of a strong electromagnetic wave /K voprosu o statsionarnom raspredelenii plazmy v pole sil'noi elektromagnitnoi volny/. 06 p1045 A67-18779
Steady-state plasma distribution in a strong electromagnetic wave. 18 p3086 A67-33720
Theory of beat-frequency generation and multiplication in a plasma-beam system /K teorii umnozheniia i vydeleniia raznostnoi chastoty v sisteme plazmapuchok/. 18 p3087 A67-34037
Redistribution of the density of plasma electrons and ions caused by a strong microwave field /Pereraspredelenie plotnosti elektronov i ionov plazmy, vyzvannoe sil'nym polem SVCh/. 18 p3087 A67-34040
- KOTTIER, C. F., JR.**
Radiation shielding considerations for interplanetary spacecraft. 01 p0153 A67-10425
- KOUGHIA, V. A.**
On the quality of evaluations made by the least squares method. 06 p1022 A67-17715
- KOUTSOYANNIS, S. P.**
Determination of the velocity distribution function of a gas using a laser. 14 p2317 A67-28194
- KOUZUMA, N.**
Temperature dependence of transistor f sub T. 23 p3983 A67-41676
- KOVACH, I. U. I.**
Generalization of the bilateral approximation method in the Cauchy problem to a system of higher-order nonlinear partial differential equations /Uzagal'nennia metodu dvustoronn'ogo nablizheniia v zadachi Koshi dlia sistem nelineinikh differentsial'nykh rlvniian' vishchego poriadku z chastinnimi pokhidniami/. 21 p3651 A67-37901
- KOVACH, R. L.**
Lunar seismic exploration. 08 p1387 A67-20963
The composition of the terrestrial planets. 24 p4231 A67-42448
- KOVACHEV, B. ZH.**
Brightness of lunar eclipses and the shape of the solar corona /Iarkost' lunnykh zatmenii i forma solnechnoi korony/. 20 p3528 A67-37462
- KOVACS, F.**
Determination of current distribution and collector-resistance in saturated planar transistors. 15 p2448 A67-29802
- KOVACS, M. A.**
Progress and applications of Q-switching techniques using molecular gas lasers. 05 p0816 A67-16632
Measurement of some molecular vibrational-rotational parameters with an infrared heterodyning technique. 09 p1535 A67-22136
- KOVAL, A. G.**
Application of an ion beam to the microworking of thin metallic coatings on a dielectric /Primenenie ionnogo puchka dlia mikroobrabotki tonkikh metallicheskikh pokrytii na dielektrike/. 03 p0432 A67-14269
Emission spectra of rarefied molecular gases excited by fast electrons. 07 p1225 A67-19099
Use of ion beams in machining small parts from metal films deposited on dielectrics. 14 p2325 A67-28779
- KOVAL, I. U. P.**
Investigation of the recombination properties of A-centers in silicon at helium temperatures /Issledovanie rekombinatsionnykh svoystv A-tsentrov v kremnii pri gellevykh temperaturakh/. 10 p1694 A67-23649
Investigation of recombination properties of A centers in silicon at helium temperatures. 17 p2923 A67-33330
- KOVAL, L. R.**
Dynamics of a cryogenic liquid in an electric field. 13 p2106 A67-27642
- KOVAL, P. M.**
A study of the emission characteristics of a ruby laser. 03 p0433 A67-12855
- KOVALCHENKO, M. S.**
Effect of neutron radiation on the properties of titanium and chromium carbides /Deistvie neitronnogo obluicheniia na svoystva karbidov titana i khroma/. 03 p0447 A67-13639
Magnetometric determination of cementite in sintered mixtures of titanium carbide and iron and titanium carbide and steel /Magnitometricheskoe opredelenie tsementita v spechennykh kompozitsiakh karbid titana-zhelezo i karbid titana-stal'/. 24 p4171 A67-41960
- KOVALCHUK, A. V.**
Prospects of using certain biochemical reactions in the study of cosmic-ray variations /O perspektivakh ispol'zovanii nekotorykh biologicheskikh reaktsii dlia izuchenii kolebanii kosmicheskoi radiatsii/. 17 p2934 A67-32099
- KOVALCHUK, V. M.**
New laser lines of a pulsed iodine vapor laser /Novye linii generatsii impul'snogo OKG na parakh ioda/. 01 p0090 A67-10549
New generation lines of a pulsed iodine-vapor laser. 01 p0091 A67-11057
- KOVALENKO, A. D.**
Application of special functions in the theory of elasticity /Primenenie spetsial'nykh funktsii v teorii uprugosti/. 01 p0158 A67-10215
Expressions for thermal stresses and displacements in a conical shell undergoing cyclic deformation /Vyzrazheniia dlia teplovykh naprazhenii i peremeshchenii v konicheskoi obolochke pri tsiklicheskoi deformatsii/. 05 p0914 A67-16196
Design of conical shells for antisymmetric loads /Raschet konicheskikh obolochek pri antisimmetrichnykh nagruzkakh/. 08 p1424 A67-21427

Development of a theory of hypergeometric functions in conjunction with problems of the elastic equilibrium of plates and shells /Razvitiye teorii gipergeometricheskikh funktsii v svyazi s zadachami ob uprugom ravновесii plastin i obolochek/. 22 p3909 A67-39398

KOVALENKO, A. N.

Excitation of a metallic sphere with a large electrical diameter by arbitrary distribution of excitation sources /Vozbuzhdeniye metalicheskogo shara bol'shogo elektricheskogo diametra proizvol'nym raspredeleniem istochnikov/. 02 p0191 A67-11577

KOVALENKO, E. A.

On deoxygenation of the animal body exposed to an altitude /O dezoksigenatsii organizma pri pod'eme na vysotu/. 24 p4111 A67-41851

KOVALENKO, E. S.

Contribution to the theory of steady laser oscillations with allowance for diffusion effects /K teorii statsionarnykh kolebanii v lazere s uchetom effektivov diffuzii/. 22 p3815 A67-39759

KOVALENKO, M. A.

Preliminary results of a study of the spatial rigidity distribution of cosmic-ray intensity by the SibIZMIR-AN-SSSR expedition in 1965 /Predvaritel'nye rezul'taty issledovaniya ekspeditsii SibIZMIR AN SSSR v 1965 g. prostranstvenno-zhestkostnogo raspredeleniya intensivnosti kosmicheskikh luchei/. 05 p0881 A67-16124

Preliminary results of investigation of the spatial-rigidity distribution of cosmic ray intensity by the 1965 expedition of the Siberian Institute of Terrestrial Magnetism, the Ionosphere and Radiowave Propagation of the USSR Academy of Sciences. 24 p4215 A67-42800

KOVALENKO, M. P.

Theory of diffusion in solutions near the critical point /Do teorii difuzii v rozchinakh poblizu kritichnogo stanu/. 09 p1580 A67-21908

KOVALENKO, N. D.

Perturbations in a supersonic flow due to discrete or continuously distributed mass and heat sources. 14 p2302 A67-28316

KOVALENKO, V. A.

Method of introducing barometric corrections in data on cosmic ray intensity /K metodike vvedeniya barometricheskikh popravok v dannye intensivnosti kosmicheskikh luchei/. 02 p0307 A67-11667

Preliminary results of a study of the spatial rigidity distribution of cosmic-ray intensity by the SibIZMIR-AN-SSSR expedition in 1965 /Predvaritel'nye rezul'taty issledovaniya ekspeditsii SibIZMIR AN SSSR v 1965 g. prostranstvenno-zhestkostnogo raspredeleniya intensivnosti kosmicheskikh luchei/. 05 p0881 A67-16124

Latitude effect of cosmic rays according to the results of stratospheric measurements in 1964-1965 - Spectrum of 11-year variations /Shirotnyy efekt kosmicheskikh luchei po dannym izmerenii v stratosfere 1964-1965 gg. - Spektr 11-letnikh variatsii/. 05 p0882 A67-16127

Method of introducing barometric corrections into cosmic-ray intensity data. 16 p2738 A67-31082

The latitude distribution, integral multiplicities and coupling coefficients for the neutron, total ionizing and hard components of cosmic rays. 19 p3316 A67-35563

Latitude distribution and coupling coefficients for the neutron and total ionizing cosmic-ray components /Shirotnoe raspredeleniye i koeffitsienty svyazi dlia neitronnoi i obshchei ionizulushchei komponent kosmicheskogo izlucheniya/. 23 p4059 A67-41136

East-West asymmetry effect in cosmic rays according to crossed-telescope measurements in 1965 /Effekt vostochnozapadnoi assimetrii v kosmicheskikh luchakh po izmereniyam skreshchennymi teleskopami v 1965 g./. 23 p4060 A67-41137

Preliminary results of a study of the cosmic-ray distribution in the Eastern part of the USSR by a SibIZMIR expedition /Predvaritel'nye rezul'taty issledovaniya ekspeditsii SibIZMIR raspredeleniya kosmicheskikh luchei v vostochnoi chasti SSSR/. 23 p4060 A67-41138

Preliminary results of investigation of the

spatial-rigidity distribution of cosmic ray intensity by the 1965 expedition of the Siberian Institute of Terrestrial Magnetism, the Ionosphere and Radiowave Propagation of the USSR Academy of Sciences. 24 p4215 A67-42800

Cosmic ray latitude effect according to 1964-1965 measurements in the stratosphere - Spectrum of the 11-year variations. 24 p4215 A67-42803

KOVALENKO, V. S.

Origin of inhomogeneities in the ionospheric F2 layer /O proiskhozhdenii neodnorodnostei v sloe F2 ionosfery/. 02 p0236 A67-11669

Origin of inhomogeneities in the F sub 2 - layer of the ionosphere. 16 p2665 A67-31084

Motion of protons in a field of Alfvén waves /Dvizheniye protonov v pole Al'fvenovskikh voln/. 20 p3520 A67-37667

KOVALEV, A. I.

Thermal conductivity and degree of blackness of aluminum oxide coatings at high temperatures /Teploprovodnost' i stepen' chernoty pokrytiya iz okisi aluminia pri vysokikh temperaturakh/. 03 p0536 A67-13608

Modeling current distribution in a magnetohydrodynamic channel with allowance for conductivity anisotropy. 04 p0666 A67-15190

Thermal conductivity and emissivity of aluminum oxide coatings at high temperatures. 18 p3161 A67-34473

KOVALEV, A. M.

Deflection of plasma by a linearly increasing transverse magnetic field /Otrazheniye plazmy llineino narastalushchimi poperechnym magnitnym polem/. 18 p3087 A67-34036

KOVALEV, E. E.

Radiation safety of space flights - Radiobiological aspects /Obespecheniye radiatsionnoi bezopasnosti kosmicheskikh poletov - Radiobiologicheskie aspekty/. 13 p2059 A67-26761

Radiobiological aspects of radiation safety in cosmic flights /Radiobiologicheskie aspekty radianci bezopasnosti kosmicheskikh letu/. 14 p2255 A67-28222

Evaluation of the radiation environment on the surface of the moon /Otsenka radiatsionnoi obstanovki na poverkhnosti lunny/. 16 p2737 A67-30782

Radiation and space flights /Radiatsiya i kosmicheskie polety/. 16 p2612 A67-30901

Measurement of tissue doses of cosmic radiation with the aid of nuclear emulsions /Izmereniye tkanevykh doz kosmicheskogo izlucheniya liadernymi emul'siami/. 20 p3368 A67-36260

KOVALEV, S. A.

Study of sodium boiling heat transfer. 04 p0736 A67-15860

KOVALEV, V. V.

Results of medical examination of the crew of the cosmic ship Voskhod before and after its flight. 07 p1133 A67-19108

KOVALEVA, T. A.

Noise of photomultipliers - Survey /Shumy fotoelektronnykh umnozhitel' /Obzor/. 03 p0388 A67-14260

Noise in photomultipliers. 14 p2288 A67-28772

KOVALEVSKAIA, E. M.

Calculation of the maximum usable frequency in the presence of a horizontal ionospheric inhomogeneity /Raschet MPCh pri nalichii gorizonta'noi neodnorodnosti ionosfery/. 10 p1604 A67-22794

Horizontal gradients of the critical frequency of the F2 layer associated with local time /O gorizonta'nykh gradientakh kriticheskoi chastoty sloia F2, svyazannykh s mestnym vremenem/. 21 p3622 A67-39034

Computation of MUF in the presence of a horizontal ionospheric inhomogeneity. 24 p4120 A67-42130

KOVALEVSKY, J.

Trajectories of Artificial Celestial Bodies, COSPAR, International Astronomical Union, and International Union of Theoretical and Applied Mechanics, Symposium, Paris, France, April 20-23, 1965, Proceedings. 05 p0893 A67-16554

Theory of motion of a satellite with a large inclination and a large eccentricity /Sur la theorie du mouvement d'un satellite a fortes inclinaison et excentricite/. 08 p1382 A67-20400

Motion of a satellite about the moon /Sur

le mouvement d'un satellite autour de la lune/. 08 p1383 A67-20404

Parallax of the moon /La parallaxe de la lune/. 08 p1395 A67-21158

The gravitational field of the moon /Le champ de gravitation de la lune/. 08 p1395 A67-21163

Exploration of planets by means of space probes /L'exploration des planetes par les sondes spatiales/. 14 p2392 A67-28960

Celestial mechanics and stellar dynamics /Mecanique celeste et dynamique stellaire/. 16 p2748 A67-31141

Introduction to Celestial Mechanics. 17 p2950 A67-33166

Terrestrial and satellite geodesy /Geodesie terrestre et geodesie par satellites/. 21 p3620 A67-38521

KOVALIN, IA. V.

Electronic counters employing tunnel diodes and transistors. 06 p1004 A67-18391

KOVALNOGOV, A. F.

Use of digital computers in the gradient method of studying heat transfer /Primeneniye elektronnykh vychislitel'nykh mashin pri gradientnom metode issledovaniya teplootdachi/. 20 p3544 A67-36450

KOVALETSKII, B. S.

Axisymmetrically loaded circular plate on a nonlinearly elastic base /Kruglaia osesimmetrichno nagruzhennaya plastinka na nelineino-uprugom osnovanii/. 20 p3539 A67-36923

KOVALETSKII, N. G.

Plasma studies in a magnetic trap with opposite fields /Issledovanie plazmy v magnitnoi lovushke so vstrechnymi poliami/. 04 p0667 A67-15211

Study of plasma in a cusp. 15 p2532 A67-30259

KOVALY, J. J.

A superlimiting phased-array receiving system in a two-source environment. 16 p2638 A67-31271

KOVANIC, P.

Identification of operators via static programming. 15 p2460 A67-30313

KOVAR, D. G.

Development and testing of a lightweight flight prototype ion engine system. [AIAA PAPER 66-216] 13 p2188 A67-26823

KOVAR, J.

Absorption of ultrasound in indium antimonide. 24 p4202 A67-41980

KOVARIK, V.

The stability of sandwich plates. I - Cylindrical buckling of sandwich plates /Die Stabilitaet der Sandwich-Platten. I - Die Ausbeulung in zylindrischer Flaechen/. 02 p0341 A67-12713

Stability investigations of sandwich plates. II /Stabilitaetsuntersuchung der Sandwich-Platten. II/. 06 p1099 A67-17585

Nonlinear bending theory of sandwich plates. III /Nichtlineare Biegetheorie von Sandwich-Platten. III/. 11 p1880 A67-25095

Natural transverse vibrations of sandwich plates. 14 p2402 A67-28901

Forced transverse vibrations of sandwich plates. 16 p2776 A67-31547

Nonlinear bending theory of sandwich plates. II /Nichtlineare Biegetheorie von Sandwich-Platten. II/. 19 p3342 A67-35716

On thermal stresses in sandwich plates. 20 p3541 A67-37298

KOVASZNAV, L. S. G.

Some impossible similarity solutions. 23 p3992 A67-41741

KOVBAZIUK, V. I.

Plasma flow in a series-type MHD generator duct /O techenii plazmy v kanale seriynogo MGD generatora/. 09 p1443 A67-21805

Solution of a variational problem for the flow in an MHD generator /Resheniye variatsionnoi zadachi o techenii v MGD-generatore/. 10 p1684 A67-23023

KOVBAZIUK, V. P.

Effect of an external electrical field on the IR photoconductivity of "pure" silicon /Vlianiye vneshnego elektricheskogo polia na infrakrasnuiu fotoprovodimost' "chistogo" kremniya/. 01 p0128 A67-10076

Effect of an external electric field on the photoconductivity of "pure" silicon in the infrared region /Vplyv zovnishnego elektricheskogo polia na fotoprovodimost' "chistogo" kremniya v infrachernoi oblasti/. 13 p2174 A67-26397

KOVEN, W. W.

Designing strike

- aircraft. 15 p2418 A67-29396
- KOVER, F.**
Nature and characteristics of thin dielectric films prepared by the anodic oxidation of titanium, tantalum and niobium /Sur la nature et les propriétés de couches minces diélectriques préparées par oxydation anodique de titane, de tantane et de niobium/. 13 p2175 A67-26654
- KOVERIANOV, V. A.**
Inverse problem of unsteady heat conduction /Obratnala zadacha nestatsionarnoi teploprovodnosti/. 11 p1882 A67-24031
- KOVETZ, A.**
Schwarzschild's criterion for convective instability in general relativity. 18 p3133 A67-34375
Schwarzschild's criterion for instability. 18 p3029 A67-34737
- KOVEV, E. K.**
X-ray diffraction investigation of defects generated in silicon during deep diffusion of phosphorus. 23 p4042 A67-41295
- KOVITCH, F.**
Thrust vector controls for solid rockets. 15 p2545 A67-29136
- KOVITZ, A. A.**
Structure of a strong shock wave as approximated by a collisionless shock with polynomial corrections. 05 p0794 A67-17421
- KOVNATSKII, A. M.**
Excitation of oscillations in semiconductors in the presence of a large current-density inhomogeneity /Vozbuzhdeniye kolebaniy v poluprovodnikakh pri sil'noi neodnorodnosti plotnosti toka/. 03 p0489 A67-13147
Excitation of oscillations in semiconductors in the case of strong inhomogeneity of the current density. 10 p1689 A67-23096
- KOVNER, D. S.**
Experimental study of the effect of a longitudinal magnetic field on convective heat transfer during turbulent flow of an electrically conducting fluid in a pipe /Eksperimental'noe issledovanie vlianiya prodol'nogo magnitnogo polia na konvektivnyi teploobmen pri turbulentnom techenii elektroprovodnoi zhidkosti v trube/. 06 p1044 A67-18882
Hypothesis of localism applied to the turbulent flow of an electrically conducting fluid in a magnetic field. 12 p1976 A67-26070
- KOVNER, M. I.**
A log-periodic spiral element and paraboloid reflector with a frequency coverage of 1-7. 02 p0213 A67-11644
- KOVNER, M. S.**
Radiation excited by a shock wave at the magnetosphere boundary. 07 p1243 A67-19808
Generation of electromagnetic radiation by a shock wave at the boundary of the magnetosphere /O generatsii elektromagnitnogo izlucheniya udarnoi volnoi na granitse magnitosfery/. 17 p2846 A67-32935
- KOVPAK, M. E.**
Investigation of a resonator filled with an artificial anisotropic dielectric /Doslizhenniya rezonatora, zapovnenogo shtukno anizotropnim dielektrikom/. 13 p2075 A67-26399
- KOVPIK, O. F.**
Spatial and temporal correlations of electric fields in a weakly turbulent plasma. 01 p0121 A67-10235
- KOVRIGIN, A. I.**
Statistical effects connected with the generation of optical harmonics. 03 p0467 A67-12928
- KOVRIZHNYKH, L. M.**
Interaction between high-frequency transverse waves and a turbulent plasma /O vzaimodelstvii vysokochastotnykh poperechnykh voln s turbulentnoi plazmoi/. 01 p0121 A67-10343
Nonlinear theory of current instability in a nonisothermal plasma /Nelineinala teoriya tokovoi neustoiichivosti nelzotermicheskoi plazmy/. 06 p1045 A67-18801
Nonlinear generation of plasma waves by a beam of transverse waves. 09 p1545 A67-21995
- II.**
Interaction of high-frequency transverse waves with turbulent plasma. 11 p1843 A67-25016
Turbulent heating of ions in a current-carrying nonisothermal plasma /O turbulentnom nagreve ionov v tokovoi nelzotermicheskoi plazme/. 16 p2715 A67-31047
Certain nonlinear effects in a collisionless plasma and possible perspectives of their application /O nekotorykh nelineinykh effektakh v besstolknoivitel'noi plazme i vozmozhnykh perspektivakh ikh ispol'zovaniya/. 17 p2905 A67-32920
Contribution to the theory of the nonlinear interaction of plasma waves /K teorii nelineinogo vzaimodelstvia voln v plazme/. 17 p2905 A67-32923
Nonlinear theory of current instability in a nonisothermal plasma. 18 p3090 A67-34420
- KOVRIZHNYKH, O. M.**
Measurement of the effective cross section of the inelastic interaction of protons with carbon nuclei at energy levels of 10 super 10 to 10 super 12 ev by the Proton-1 satellite /Izmereniya effektivnykh sechenii neuprugogo vzaimodelstvia protonov s ladrami ugleroda pri energiyakh 10 super 10 -10 super 12 ev na izs Proton-1/. 02 p0315 A67-12757
Measurement of the energy spectrum of primary cosmic rays in the energy range from 10 super 10 to 10 super 14 ev with the aid of the satellite Proton 1 /Izmerenie energeticheskogo spektra pervichnykh kosmicheskikh luchey v oblasti energii 10 super 10-10 super 14 ev s pomoshch'yu ISZ Proton-1/. 05 p0877 A67-16086
Measurements on board the satellite Proton 1 of the cross sections for inelastic interaction of protons with carbon nuclei at energies of 10 super 10-10 super 12 ev. 22 p3878 A67-40259
Measurements of the energy spectrum of cosmic rays in the 10 super 10 to 10 super 14 ev range by means of Proton 1. 24 p4212 A67-42762
- KOVROV, B. G.**
Experimental biological life support system. II. 19 p3180 A67-35236
Algal continuous culture as a component of the closed ecological system /Nepreryvnaya kul'tura mikrovdorosel v kachestve zvena zamknutoi ekologicheskoi sistemy/. 24 p4114 A67-41844
Gas exchange between man and a microalgae culture during a 30-day experiment /Gazoobmen mezhdru chelovekom i kul'turoi mlkrovodorosel v 30-sutochnom eksperimente/. 24 p4114 A67-41845
- KOVROV, P. E.**
Distribution of the magnetic field in a plasma coaxial injector /Raspredeleniye magnitnogo polia v koaksial'nom inzhektore plazmy/. 11 p1841 A67-24854
Magnetic field distribution in a coaxial plasma injector. 20 p3502 A67-37537
- KOVSHEL, M. N.**
Method of determining the statistical characteristics of the phase coordinates of linear automatic control systems /Metod opredeleniya statisticheskikh kharakteristik fazovykh koordinat lineinykh sistem avtomaticheskogo upravleniya/. 06 p0978 A67-18792
Method for determining the statistical characteristics of the phase coordinates of linear automatic control systems. 18 p3018 A67-34457
- KOVSHOV, A. I.**
Critical conditions in a circular waveguide with dielectric insert. 03 p0378 A67-13287
- KOVSHUN, I. N.**
Number of fragments in meteor fragmentation /O chisle fragmentov, na kotorye drobiatsia meteory/. 13 p2197 A67-26500
Meteor particle density /O plotnosti meteornykh chastits/. 13 p2197 A67-26501
New determinations of meteoroid masses. 13 p2198 A67-26555
- KOVTONIUK, N. F.**
Semiconducting properties of ferroelectrics. 08 p1387 A67-20314
- KOVTUM, S. F.**
Modulus of elasticity of metals and titanium alloys /K voprosu o module uprugosti metallov i titanovykh splavov/. 07 p1206 A67-19279
- KOVTUN, I. M.**
Stirling cycle using a dissociating gas /Tsilik Stirlinga na dissotsilruushchem gaze/. 13 p2221 A67-26390
- KOVTUN, R. I.**
General principles of the asymptotic computation of the interaction of charges with space-modulated magnetic fields /Obshchie printsipy asimptoticheskogo
- rascheta vzaimodelstvia zariadov s prostranstvenno-modulirovannymi magnitnymi poliami/. 11 p1842 A67-24967
- KOVTUN, S. F.**
Effect of alloying on the modulus of elasticity, strength, and plasticity of titanium in the temperature range from -196 to 800 deg /Vlianie legirovaniya na modul' uprugosti, prochnost' i plastichnost' titana v intervale temperatur ot -196 do 800 deg/. 07 p1206 A67-19280
The influence of certain alloying elements on the durability and plasticity of titanium in temperature range from -196 to 800 deg C /Vlianie nekotorykh legiruyushchikh elementov na prochnost' i plastichnost' titana v intervale temperatur ot -196 do 800 deg C/. 20 p3468 A67-37175
- KOVURA, IU. A.**
Measurement of the irregular diffraction of radio waves in the ionosphere according to the signals from artificial earth's satellites. 01 p0022 A67-10390
A method for determination of anisotropy of coarse ionospheric inhomogeneities by radio astronomy. 11 p1787 A67-24464
Preliminary results of determining the anisotropy of large ionospheric inhomogeneities using the radioastronomy method. 11 p1787 A67-24477
- KOWALEWICZ, A.**
Spark ignition of combustible mixtures - Survey /Zaplon iskrowy mieszanek palnych - Artykul przegladowy/. 03 p0535 A67-13396
A simplified theory of the Ranque effect. 07 p1268 A67-19352
- KOWALEWSKI, J.**
Influence functions for displacements and stresses from temperature and heat loads. 19 p3342 A67-35763
- KOWALIK, J.**
Nonlinear programming procedures and design optimization. 02 p0209 A67-12711
- KOWALKE, F.**
Parametric investigations of supersonic long-haul aircraft /Parametrische Untersuchungen ueber Ueberschall-Langstreckenflugzeuge/. 03 p0358 A67-12975
- KOWALSKI, A.**
Heads of a high-energy neodymium laser /Glowice lasera neodymowego o duzej energii/. 09 p1514 A67-22171
- KOWALSKI, H. C.**
Similarity in thermoelasticity. 07 p1282 A67-19413
- KOWALSKI, T.**
Position of the cosmic equator in the zero meridian region /Polozheniye kosmicheskogo ekvatora v oblasti nulevogo meridiana/. 01 p0149 A67-10738
- KOWNACKI, S.**
Simulation of radar range and of Doppler effect by means of a stationary target. 07 p1146 A67-19882
Screening /shielding/ effect of a chaff cloud. 18 p3001 A67-34118
- KOYAMA, K.**
On the elastic properties of a fiber-reinforced plate. 16 p2776 A67-31544
- KOZACHENKO, L. S.**
Energy losses in explosions in a sphere. 06 p1113 A67-17963
Study of the normal rate for methane-air mixture flames at high pressures /Issledovanie normal'noi skorosti plameni metano-vozdushnykh smesel pri vysokikh davleniyakh/. 07 p1239 A67-19313
- KOZAI, Y.**
Long-range analysis of satellite observations. 05 p0763 A67-16562
Determination of Love's number from satellite observations. 18 p3041 A67-34250
- KOZAK, I.**
Small elastic-plastic deformation /caused by internal pressure/ of a thin-walled tube, clamped at one of its ends to a rigid support. 19 p3341 A67-35715
On equilibrium equations of solid continua. 23 p4078 A67-41195
- KOZAK, J.**
Considerations of electrode geometry in the process of electrochemical shaping /Zagadaniya geometrii elektrod w procesie ksztaltowania elektrochemicznego/. 21 p3636 A67-38897
Certain problems of electrochemical treatment /Niektore problemy obrabki elektrochemicznej/. 22 p3812 A67-39543
- KOZAKI, S.**
A theory and a model experiment on radio propagation in a medium in which

- permittivity varies bilinearly with a distance. 12 p1908 A67-26220
- KOZAR, M. I.**
Certain indices of the human natural immunity with respect to the substitution of Chlorella proteins for animal proteins in the dietary ration /Nekotorye pokazateli estestvennogo immuniteta pri zamene zhivotnogo belka v ratsionnoe pitanie belkami Khlorelli/. 20 p3368 A67-36269
- KOZDOBA, L. A.**
Asymmetrical R-and RC-network electrical models for solving nonlinear equations of unsteady heat conduction. 14 p2274 A67-28315
Combined electrical models for solving two- and three-dimensional problems of unsteady heat conduction /Kombinirovannye elektricheskie modeli dlia resheniya dvukh- i trekhmernykh zadach nestatsionarnoi teploprovodnosti/. 17 p2973 A67-33081
- KOZEL, S. M.**
Experimental investigation of the spectral distribution of the noise of germanium and silicon photodiodes. 11 p1765 A67-24473
- KOZERENKO, O. P.**
Differential diagnosis of the somnolent and precollapoid states of man /K voprosu o differentsial'noi diagnostike dremotnykh i prekollapoidnykh sostoianni u cheloveka/. 20 p3368 A67-36268
Prolonged effect of noise of moderate intensity on the functional state of an organism /Dlitel'noe vozdeystvie shuma srednei intensivnosti na funktsional'noe sostoianie organizma/. 20 p3369 A67-36670
- KOZHEVIN, V. E.**
Distribution of the condenser photo-emf on the surface of a semiconductor. 08 p1367 A67-20415
- KOZHEVNIKOV, I. U. V.**
Optimality principle in the mean for discontinuous stochastic systems /O printsipe optimal'nosti v srednem dlia razryvnykh stokhasticheskikh sistem/. 03 p0392 A67-13595
Choice of the program of motion and the parameters of composite flight vehicles on the basis of the condition of most probable delivery of a payload to a given region /Vybór programmy dvizheniya i parametrov sostavnykh letatel'nykh apparatov iz usloviya naibolee veroiatnoi dostavki poleznogo gruzha v zadannuyu oblast'/. 04 p0552 A67-15882
The principle of optimality in the mean for discontinuous stochastic systems. 14 p2290 A67-27841
On the theory of optimum averaging of dynamic systems controls. 15 p2458 A67-29687
Maximum probability that a missile will strike a given region /O maksimal'noi veroiatnosti popadanija letatel'nogo apparata v zadannuyu oblast'/. 15 p2572 A67-30177
- KOZHEVNIKOV, N. I.**
Results of direct observations of fluctuations of the refraction index of the surface layers of the atmosphere in the daytime and parameters of the fluctuation distribution /Nekotorye rezul'taty priamykh nabludenii fluktuatsii pokazatelya prelomeniya prizemnykh sloev atmosfery v dnevnnoe vremia i parametry raspredeleniya fluktuatsii/. 02 p0325 A67-11985
An empirical model of sunspot activity within the limits of the solar cycle /Empiricheskaja model' platnoobrazovatel'noi delatel'nosti solntsa i v predelakh tsikla aktivnosti/. 22 p3879 A67-39300
- KOZHEVNIKOV, N. P.**
Systematic local errors in radio leveling of an aircraft /Mestnye sistematicheskie oshibki aeroradionivelirovanija/. 13 p2118 A67-26462
- KOZHEVNIKOV, S. N.**
The Painleve paradoxes /O paradoksakh Penleve/. 10 p1680 A67-23607
- KOZIEL, K.**
Differences in the moon's moments of inertia. 08 p1388 A67-21010
Recent researches on the determination of the moon's physical libration constants. 18 p3128 A67-34302
The constants of the moon's physical libration derived on the basis of four series of heliometric observations from the years 1877 to 1915. 18 p3134 A67-34534
- KOZIK, T. J.**
Displacement formulations of the thin elastic shell equations. 08 p1417 A67-20551
- KOZIN, C. H.**
Contributions of automatic crop surveys to agricultural development. [AIAA PAPER 67-766] 24 p4258 A67-42935
- KOZINET, T. B.**
A method for the stabilization of unstable nonlinear automatic-control systems. 08 p1313 A67-21323
- KOZLOV, B. A.**
Determination of reliability indices of systems with repair. 20 p3454 A67-37037
- KOZLOV, E. V.**
Temperature dependence of the mechanical properties of the ordered solid solution Ni sub 3 Mn. II. 20 p3467 A67-37118
- KOZLOV, G. I.**
Calculation of the characteristics of a stabilized arc discharge /Raschet kharakteristik stabilizirovannogo dugovogo razriada/. 17 p2906 A67-33088
- KOZLOV, I. U. M.**
Quality index of the transient processes in high-speed search-free self-adjusting systems. 20 p3408 A67-37045
- KOZLOV, L. F.**
Use of sixth-power polynomials in the calculation of a boundary layer with suction /Ispol'zovanie polinomov shestoi stepeni dlia rascheta pogranichnogo sloja pri nalichii otsasvannija/. 05 p0749 A67-17184
Boundary layer and drag of a plate with slp in the presence of suction /Pogranichnyj sloj i soprotivlenie plastiny so skol'zheniem pri nalichii otsasvannija/. 18 p3023 A67-33419
Computer integration of the Falkner-Skan equation in the presence of normal and tangential velocity components on the surface of a body /Integrirovanie na vychislitel'noi mashine uravnenija Foknera-Skeina pri nalichii normal'noi i kasatel'noi sostavialushchikh skorostei na poverkhnosti tela/. 18 p3024 A67-33538
Allowance for the transition region in the computation of the plane and axisymmetric boundary layers /Ob uchete perekhodnoi oblasti pri raschete ploskogo i osesimmetrichnogo pogranichnogo sloja/. 20 p3424 A67-37344
Optimal boundary layer suction on a porous plate with allowance for initial flow turbulence. 24 p4143 A67-42282
- KOZLOV, L. P.**
Integral energy equation for a three-dimensional boundary layer in the presence of suction /Integral'ne spivvidnoshenija energii dlia prostoroovogo pogranichnogo sharu pri nalavnosti vidosu/. 11 p1783 A67-25052
- KOZLOV, M. M.**
Kinetics of recombination of excess carriers in GaAs p-n junctions. 05 p0861 A67-16391
Defects in the p-n junction and current drift in selenium rectifiers. 20 p3508 A67-36403
- KOZLOV, N. A.**
Means of increasing the Q-factor of the resonator cavity of a neodymium laser /Ob odnoi vozmozhnosti uvelichenija dobrotnosti rezonatora neodimovogo opticheskogo kvantovogo generatora/. 13 p2130 A67-27629
One possibility of increasing the Q of the resonator of a neodymium laser. 21 p3642 A67-38825
- KOZLOV, S. I.**
Evaluation of the coefficient of dissociative recombination in the lower ionosphere. 14 p2306 A67-27858
- KOZLOV, V. A.**
Biological investigations on the "Voskhod" and "Voskhod-2" space-ships. 14 p2254 A67-27864
- KOZLOV, V. B.**
Thermodynamics of cycles based on the mixing of molten metal in front of an MHD converter. 16 p2610 A67-31780
- KOZLOV, V. F.**
Method for the measurement of double charge-exchange cross sections of low-energy positive ions. 22 p3797 A67-39427
- KOZLOVA, I. G.**
Asymmetric supersonic flow of a perfect or real gas past the front part of a body of revolution /Nesimmetrichnoe obtekanie lobovoi chasti tela vrashchenija sverkhzvukovym potokom sovershennogo ili real'nogo gaza/. 17 p2791 A67-32679
- KOZLOVA, N. A.**
Mechanical properties of Kh21G7AN5 steel at liquid hydrogen temperature /Mekhanicheskie svoystva stali Kh21G7AN5 pri temperature zhidkogo vodoroda/. 04 p0636 A67-14751
Mechanical properties of Kh21G7AN5 steel at the temperature of liquid hydrogen. 18 p3066 A67-34409
- KOZLOVA, N. N.**
Properties of standard high-temperature austenitic steels and alloys during prolonged testing /Svoystva standartnykh zharostokikh austenitnykh staeli i splavov pri dlitel'nykh ispytaniakh/. 22 p3819 A67-39322
- KOZLOVSKAIA, S. V.**
Internal structure models for the earth, Venus, and Mars /Modell vnutrennego stroenija zemli, Venery i Marsa/. 02 p0329 A67-12497
Models for the internal structure of the earth, Venus, and Mars. 10 p1709 A67-23365
- KOZMA, A.**
Recording parameters of spatially modulated coherent wavefronts. 13 p2129 A67-27351
- KOZMETSKY, G.**
Automation in the year 2001. 13 p2231 A67-27514
Management of space enterprises. [AAS PAPER 67-153] 15 p2583 A67-29969
- KOZORIZ, E. P.**
Planetary quarantine and its challenge to materials reliability. 18 p2995 A67-34877
- KOZUBOVSKII, S. F.**
Controlled delay unit for discrete signals /Blok regul'ovanogo zapizniuvannia dlia diskretnykh signaliv/. 13 p2088 A67-26798
- KOZYRENKO, V. E.**
Approximate method of developing magnetogasdynamic flows in channels /Priblizhennyi metod postroenija magnitogazodinamicheskikh techenii v kanalakh/. 01 p0119 A67-10172
Construction of the wall profile of the working zone of an MHD channel /K voprosu o postroenii profila stenok rabochel zony MGD-kanala/. 06 p1044 A67-18691
Hodograph transformations in two-dimensional problems of the magnetohydrodynamics of a viscous fluid /O preobrazovanii godografa v ploskikh zadachakh magnitnoi gidrodinamiki vliazkol zhidkosti/. 13 p2170 A67-27318
Investigation of certain boundary problems describing the motion of a conducting fluid in a longitudinal magnetic field /Issledovanie nekotorykh kraevykh zadach, opisvalushchikh dvizhenie provodilashchei zhidkosti v prodol'nom magnitnom pole/. 21 p3665 A67-38243
- KOZYREV, B. P.**
Some photoelectrical properties of KRS-5 single crystals. 09 p1552 A67-21673
The sensitivity and speed of response of photoelectromagnetic diodes with optically polished thin elements. 24 p4154 A67-42243
Investigation of atmospheric absorption of the radiation from a weakly heated black body. 24 p4255 A67-42590
- KOZYREVSKAIA, G. I.**
Changes of water-salt metabolism under conditions of 62-day hypokinesia /Izmenenie vodno-solevogo obmena v usloviakh 62-sutochnoi gipokinezii/. 16 p2613 A67-30916
- KRAABEL, P. B.**
Microelectronic integrated checkout equipment. [AIAA PAPER 67-952] 24 p4133 A67-43036
- KRAAN, W. H.**
On the existence of a corrugated surface representing the relationship between current, voltage and magnetic field for weakly-connected superconductors. 17 p2926 A67-33406
The relationship between current, voltage and magnetic field for a superconducting double-point-contact diode placed in the center of a coaxial cavity. 20 p3511 A67-37241
- KRABS, W.**
A procedure for the solution of the discrete rational approximation problem /Ein Verfahren zur Loesung der diskreten rationalen Approximationsaufgabe/. 13 p2145 A67-26615
- KRACHEEL, K.**
Altitude controller for VTOL aircraft /Hoehenregler fuer VTOL-Flugzeuge/. 03 p0363 A67-12981
- KRACHMALNICK, F. M.**
Automatic flight control system for automatic terrain following. 19 p3174 A67-35965
- KRACIK, J.**
On the resonance acceleration of plasma clusters. 14 p2354 A67-27762
Plasma Physics /Fyzika Plazmatu/. 18 p3089 A67-34370

- KRADINOVA, L. V.**
Optical reflection of gallium phosphide, gallium arsenide and their solid solutions /Opticheskoe otrazhenie fosfida gallia, arsenida gallia i ikh tverdykh rastvorov/. 01 p0086 A67-10067
- Optical reflection of gallium phosphide, gallium arsenide, and their solid solutions. 08 p1339 A67-21450
- Injection luminescence of epitaxial heterojunctions in the GaP-GaAs system /Inzhektionnaya luminesentsiya epitaksl'nykh geteroperekhodov v sisteme GaP-GaAs/. 09 p1554 A67-21975
- Injection luminescence of epitaxial heterojunctions in the GaP-GaAs system. 17 p2923 A67-33312
- KRAEFT, W.-D.**
Conductance theory for electrolytes and weakly ionized plasmas. II /Zur Theorie der Leitfaehigkeit von Elektrolyten und schwach ionisierten Plasmen. II/. 04 p0670 A67-15579
- KRAEMER, J.**
Multilayer circuit technology /Die Technik der Mehrlagenschaltung/. 22 p3774 A67-40327
- KRAEMER, R. S.**
An omnidirectional penetrometer for lunar surface characterization. 01 p0074 A67-11123
- KRAFFT, J. M.**
Effect of slide grooving on measurements of plane-strain fracture toughness. 05 p0922 A67-17086
- KRAFT, C. C., JR.**
Flight operations planning and preparation for manned orbital missions. [AIAA PAPER 66-904] 03 p0519 A67-14131
- KRAFT, R. W.**
Controlled eutectics. 06 p1018 A67-18409
- KRAG, W. E.**
Sulfur donors in silicon - Infrared transitions and effects of calibrated uniaxial stress. 06 p1061 A67-18924
- KRAHULA, J. L.**
Analysis of bent and twisted bars using the finite element method. 14 p2399 A67-28133
- KRAICHNAN, R. H.**
Dispersion of particle pairs in homogeneous turbulence. 03 p0405 A67-14031
- Invariance principles and approximation in turbulence dynamics. 11 p1780 A67-24540
- Growth of turbulent magnetic fields. 15 p2489 A67-29223
- Inertial ranges in two-dimensional turbulence. 21 p3609 A67-37735
- Model equations for strong turbulence in a Vlasov plasma. 22 p3850 A67-39703
- KRAIKO, A. N.**
On the solution of variational problems of supersonic gas dynamics. 11 p1777 A67-24153
- Study of weakly perturbed supersonic flows with an arbitrary number of nonequilibrium processes. 15 p2472 A67-29688
- Thin flat bodies with a minimum wave drag in a nonequilibrium supersonic flow /Tonkie ploskie tela minimal'nogo volnovogo soprotivleniya v neravnovesnom sverkhzvukovom potoke/. 22 p3741 A67-40017
- KRAKOW, B.**
Use of the Curtis-Godson approximation in calculations of radiant heating by inhomogeneous hot gases. 02 p0342 A67-12050
- KRALH, A. M.**
An algorithm for generating root locus diagrams. 13 p2074 A67-27223
- On the expansion problem for nonself-adjoint ordinary differential operators of second order. 14 p2343 A67-28478
- On the eigenvalues of a singular nonself-adjoint differential operator of second order. 21 p3653 A67-38557
- KRALL, N. A.**
Finite beta effects in a weakly unstable plasma. 05 p0858 A67-17430
- Stabilizing effect of mode coupling in collisionless plasma. 17 p2909 A67-33230
- Effect of magnetic curvature on the drift-cyclotron instability. 21 p3661 A67-37749
- KRAMAR, J.**
Metal-ceramic seals welded with titanium under high vacuum /Joints metal-ceramique soudes avec le titane dans le vide pousse/. 04 p0630 A67-15632
- KRAMARENKO, N. L.**
Study of laser losses and associated emission characteristics /Issledovanie poter' i svyazannykh s nimi kharakteristik izlucheniya lazera/. 03 p0435 A67-13133
- KRAMER, A. J.**
Use of orthogonal signaling in sequential decision feedback. 22 p3775 A67-39295
- KRAMER, B.**
Noise occurring in the radio and microwave range in semiconductor avalanche junctions /Sur le bruit presente dans le domaine hertzien et ultrahertzien par les jonctions semi-conductrices en avalanche/. 23 p3980 A67-41189
- KRAMER, D.**
Omega phase precipitation and superconducting critical transport currents in titanium-22 at. pct niobium /columbium/. 24 p4173 A67-42347
- KRAMER, E. F., JR.**
Physiological effects of an 18-hour flight in F-4C aircraft. 03 p0364 A67-14287
- KRAMER, E. J.**
Variations of Young's modulus throughout the mixed state in niobium. 20 p3464 A67-36221
- KRAMER, E. N.**
Some theoretical problems and new methods of observing meteors /Nekotorye voprosy teorii i novye metody nabludeniya meteorov/. 05 p0889 A67-16209
- Bright meteoric orbits according to photographic observations at Dushanbe and Odessa /Orbity larkikh meteorov po fotograficheskimi nabludeniyam v Dushanbe i Odessa/. 06 p1084 A67-18165
- Orbital elements of meteors according to photographic observations in 1960 and 1961 /Elementy orbit meteorov po fotograficheskimi nabludeniyam v 1960-1961 gg./. 13 p2196 A67-26496
- Orbit, luminescence, and spectrum of the bolide of July 5, 1962 /Orbita, svechenie i spektr bolida 5 Iiula 1962 g./. 13 p2197 A67-26502
- Orbits of bright meteors from photographic observations at Dushanbe and Odessa. 16 p2741 A67-30509
- Meteor structure /O strukture meteora/. 20 p3530 A67-37665
- KRAMER, F.**
Calculation of one-dimensional unsteady heat flows through multilayer walls by means of difference methods /Berechnung eindimensionaler, nicht-stationaerer Waermestromungen durch mehrschichtige Waende mittels Differenzenverfahren/. 06 p1113 A67-17990
- KRAMER, F. A.**
A perpetual sun - The S-4A system. 12 p1922 A67-25699
- KRAMER, G.**
The measurement of radiation in space. 11 p1791 A67-24619
- KRAMER, I. R.**
The influence of environment on the mechanical behavior of metals. 04 p0638 A67-14996
- The effect of the surface layer stress on transient creep of polycrystalline aluminum. 22 p3821 A67-40054
- KRAMER, K. H.**
Observation of the reactive asymmetry of methyl iodide - Crossed beam study of the reaction of rubidium with oriented methyl iodide molecules. 06 p0955 A67-17831
- KRAMER, N. B.**
Extraction of dense ion beams from plasmas. 23 p4034 A67-41463
- KRAMER, N. I.**
Photoionization of shallow impurity levels in semiconductors with phonon participation /Fotoionizatsiya melkikh primesnykh urovnei v poluprovodnikakh pri uchastii fononov/. 04 p0678 A67-15135
- A theoretical and experimental study of optical transitions in semiconductors induced by carrier interaction. 06 p1059 A67-18912
- Photoionization of shallow impurity levels in semiconductors with phonon participation. 12 p1978 A67-25159
- Two-photon recombination of semiconductor electron-hole pairs /Dvukhfotonnaya rekombinatsiya elektronodurochnykh par v poluprovodnikakh/. 15 p2542 A67-30244
- KRAMER, R. F.**
The effect of a magnetic field on the space charge neutralization problem. [AIAA PAPER 67-83] 06 p1041 A67-18275
- KRAMER, W.**
Computerized shake facility tests Saturn moon rocket. 14 p2293 A67-28593
- KRANC, S.**
Electrodeless magnetogasdynamic power during entry. 15 p2422 A67-29443
- Experimental investigation of magnetoaerodynamic flow around blunt bodies. [AIAA PAPER 67-729] 21 p3673 A67-38753
- Magnetogasdynamic re-entry phenomena. 24 p4199 A67-42920
- KRANK, W.**
The Flexwell waveguide, a low loss flexible microwave transmission line. 13 p2084 A67-27581
- KRANKOWSKY, D.**
Isotopic composition and abundance of lithium in meteoritic matter. 24 p4235 A67-42632
- KRASE, W. H.**
Thrust deflection for cruise. 09 p1441 A67-22497
- KRASHEININNIKOV, S. IU.**
Study of the leading section of turbulent jets of various gases in the wake air flow /Issledovanie nachal'nogo uchastka turbulentnykh strui razlichnykh gazov v sputnom potoke vozdukh/. 06 p0982 A67-17743
- KRASILNIKOV, A. I.**
Semiconductor p-n junction lasers in the InAs sub 1 sub -x Sb sub x system. 01 p0087 A67-10087
- Temperature dependence of the threshold current in injection lasers and their continuous operation under liquid nitrogen cooling /Temperaturnaya zavisimost' porogovogo toka inzhektionnykh kvantovykh generatorov i nepreryvnyi rezhim raboty pri okhlazhdenii zhidkimi azotom/. 06 p1012 A67-18788
- Laser emission in electron-beam excited ZnSe. 07 p1197 A67-20183
- Continuous operation with nitrogen cooling for injection lasers and the temperature dependence of the threshold current. 18 p3059 A67-33730
- Effect of temperature on the spectrum and threshold current of GaAs-based epitaxial injection lasers /O vliyanii temperatury na spektr i porogovyi tok epitaksl'nykh inzhektionnykh lazerov na osnove GaAs/. 19 p3238 A67-34773
- Spectral characteristics of injection lasers /O spektral'nykh kharakteristikakh inzhektionnykh lazerov/. 19 p3238 A67-34774
- KRASILNIKOV, A. V.**
Effect of Mach number on hypersonic flow past a delta wing with blunt edges /Vliyanie chisla Makha na giperzvukovoe obtekanie treugol'nogo kryla s prituplennymi kromkami/. 10 p1590 A67-23036
- KRASILNIKOV, E. IU.**
Experimental study of the effect of a longitudinal magnetic field on convective heat transfer during turbulent flow of an electrically conducting fluid in a pipe /Eksperimental'noe issledovanie vliyania prodol'nogo magnitnogo polia na konvektivnyi teploobmen pri turbulentnom techenii elektroprovodnoi zhidkosti v trube/. 06 p1044 A67-18682
- The effect of a transverse magnetic field upon convective heat transfer in magnetohydrodynamic channel flows. 16 p2722 A67-31572
- KRASILNIKOV, V. D.**
Effectiveness of the inhibition of pulse interference by the nonlinear feedback loop method /Ob effektivnosti podavleniya impul'snykh pomekh metodom nelineinogo obratnogo svyazi/. 05 p0785 A67-17471
- KRASILNIKOV, V. N.**
Role of local reflections of a wave in a weakly inhomogeneous medium /O roli lokal'nykh otrazhenii volny v slaboneodnorodnoi srede/. 21 p3580 A67-38112
- Propagation of electromagnetic waves in parametric media in a geometrical-optics approximation /Rasprostraneniye elektromagnitnykh voln v parametricheskikh sredakh v priblizhenii geometricheskoi optiki/. 21 p3580 A67-38113
- KRASILOV, A. V.**
The avalanching transit-time diode - A new semiconductor microwave device /Lavinnno-proletnyi diod - Novyi poluprovodnikovyi SVCh-pribor/. 04 p0583 A67-15154
- The avalanching transit-time diode - A new semiconductor microwave device. 15 p2443 A67-29341
- KRASILSHCHIKOV, L. B.**
Some measured results for the coefficients of spectral brightness in the region 0.7 to 2.5 mu /Nekotorye rezul'taty izmereniya spektral'nykh koeffitsientov larkosti v oblasti 0.7-2.5 mk/. 01 p0107 A67-10126

- Experimental use of industrial photocompensation amplifiers in actinometric measurements aboard aircraft /Opyt primeneniya promyshlennyykh fotokompensatsionnykh usiliteley dlia aktinometricheskikh izmerenii na samolete/. 01 p0062 A67-10127
- KRASILSHCHIKOVA, E. A.**
Flow around a wing having a finite span in the presence of a moving shock wave /Obtekanie kryla konechnogo razmakha v prislutstvii dvizhushchetsia udarnoi volny/. 20 p3355 A67-36191
- KRATITSKAIA, L. S.**
Determination of the adiabaticity parameter ρ sub L /R for an electron moving in an axially-symmetrical magnetic trap. 15 p2528 A67-29361
- KRASIUK, B. A.**
Electrification of crystals of semiconductor compounds of A super II B super VI and A super III B super V type after exposure to light pulses from a laser /Elektrizatsiia kristallov poluprovodnikovyykh soedinenii tipa A super II B super VI i A super III B super V posle vozdeistviia impul'sov sveta ot opticheskogo kvantovogo generatora/. 24 p4187 A67-42184
- Dissociation of certain A super III B super V semiconductor compounds caused by the action of light pulses from a laser /Dissoziatsiia nekotorykh poluprovodnikovyykh soedinenii tipa A super III B super V, vyzvannaya deistviem impul'sov sveta ot opticheskogo kvantovogo generatora/. 24 p4188 A67-42725
- KRASIUK, N. P.**
Reflection of microwaves from a region with nonuniform hydrometeor distribution /Otrazhenie mikrovoln oblast'iu s neodnorodnym raspredeleniem gidrometeorov/. 11 p1754 A67-24981
- KRASNI, I. U. P.**
Viscosity coefficients of substances close to the critical state /Pro koefitsienty v'язkosti rezhovini pobliu kritichnogo stanu/. 09 p1487 A67-21904
- Hydrodynamics of the critical phase /Po gidrodinamiki kritichnoi faz/. 09 p1487 A67-21909
- KRASNIKOV, V. A.**
Asymptotic calculation of correlation functions /Asimptoticheskoe vychislenie korrelyatsionnykh funktsii/. 03 p0458 A67-13342
- Asymptotic calculation of correlation functions. 13 p2149 A67-27713
- Equations of classical hydrodynamics accounting for dissipative processes /K uravneniia klassicheskoi gidrodinamiki s uchetoм dissipatsionnykh protsessov/. 18 p3027 A67-34089
- Hydrodynamic approximation of the Green's function for a superfluid Bose system /K voprosu o gidrodinamicheskom priblizhenii funktsii Grina sverkhtekuchel Boze-sistemy/. 18 p3029 A67-34386
- KRASNOGOR, L. J.**
Physiology of man during steady state exercise in a 180 mm total pressure environment. 23 p3955 A67-41617
- KRASNOPOLSKII, V. A.**
Ultraviolet spectrum of the earth according to measurements from Cosmos-65. 07 p1178 A67-19801
- Ultraviolet spectrum of the radiation reflected by the earth's atmosphere and its use in determining the total content and vertical distribution of atmospheric ozone. 07 p1178 A67-19815
- Measurements of night glow from the Cosmos 92 satellite. 10 p1847 A67-23276
- The earth's ultraviolet spectrum according to the measurements from the Cosmos 65 satellite. 10 p1847 A67-23277
- The spectrophotometric measurements of the moon in the 1900-2750 angstrom units range from the Zond 3 automatic space probe. 18 p3122 A67-34140
- The lunar ultraviolet spectrum in the range of 2850-3550 angstrom units according to the data obtained from the Zond 3 automatic space probe. 18 p3122 A67-34141
- KRASNOSELSKII, M. A.**
Theory of periodic solutions for nonautonomous differential equations /K teorii periodicheskikh reshenii neavtonomykh differentsial'nykh uravnenii/. 04 p0644 A67-14853
- The theory of periodic solutions of non-autonomous differential equations. 11 p1813 A67-24730
- KRASNOSHCHIKOV, E. A.**
Experimental study of heat exchange in carbon dioxide in the supercritical range at high temperature drops. 16 p2780 A67-31777
- KRASNOSHCHIKOV, M. M.**
Effect of irradiation on certain characteristics of niobium and its alloys /Vliianie oblucheniia na nekotorye kharakteristiki niobila i ego spлавov/. 17 p2874 A67-32898
- KRASNOV, I. B.**
Cardiac changes under hypoxia -An experimental morphological study /Izmeneniia v serdtse pri gipoksii eksperimental'no-morfologicheskoe issledovanie/. 13 p2058 A67-28756
- Histochemical investigation of tissue enzymes during hypothermia and hypobiosis /Gistokhimicheskoe issledovanie tkaneykh fermentov pri gipotermii i gipobioze/. 24 p4112 A67-41853
- KRASNOV, L. A.**
Study of the deformations in microsections of polycrystals with the aid of photoelastic coatings /Issledovanie deformatsii v mikrooblastiakh polikristallov pri pomoshchi fotouprugikh pokrytii/. 20 p3540 A67-37059
- KRASNOVSKII, S. S.**
Problem of the determination of the dynamic stress field in cylindrical shells /K voprosu opredeleniia dinamicheskogo polia napriazhenii tsilindricheskikh obolochek/. 02 p0341 A67-12664
- KRASNUSHKI, P. E.**
Determination of the daytime profile of the electron concentration in the C and D layers of the ionosphere from measurements of the surface fields, ultralong radio waves, and atmospheric pressure profile /Opredeleniie dnevnogo profilia elektronnoi kontsentratsii sloev C i D ionosfery po izmereniiam nazemnykh poliv sverkhdlunnykh radiovoln i profilu atmosfernogo davleniia/. 05 p0801 A67-17131
- KRASNUSHKIN, P. E.**
Influence of the solar wind on the C layer of the earth's ionosphere. 12 p1933 A67-25549
- Effect of the earth's magnetic field on the propagation of ultralong radio waves around the earth /Vliianie zemnogo magnitnogo polia na rasprostraneniie sverkhdlunnykh radiovoln vokrug zemli/. 15 p2479 A67-30168
- Determination of the daytime electron concentration profile of the C and D layers of the ionosphere from measurements of the surface fields of ultralong radio waves and from the atmospheric pressure profile. 21 p3619 A67-38474
- KRASNYI, L. G.**
Three-dimensional correlation function for radar probing-signal modulation /Trekhmernaya korrelyatsionnaya funktsiia modulatsii zondirulushchikh signalov lokatorov/. 09 p1463 A67-21961
- Trivariate correlation function of the modulation of transmitted radar signals. 20 p3383 A67-37191
- KRASON, H.**
Terrain backscattering characteristics at low grazing angles for X-and S-band. 05 p0788 A67-17527
- KRASOVITSKII, V. B.**
Acceleration of an oscillator by laser emission /Uskorenie ostslillatora izlucheniem lazera/. 06 p1012 A67-18787
- Theory of amplification of longitudinal waves by a charged particle beam in a nonlinear plasma. 10 p1686 A67-23587
- Acceleration of an oscillator by laser radiation. 18 p3059 A67-33729
- An isolated longitudinal-wave pulse in a plasma /Uedinnnyi impul's prodol'noi volny v plazme/. 21 p3869 A67-38683
- Nonlinear focusing of electromagnetic waves in a two-level system /Nelineinala fokusirovka elektromagnitnykh voln v dvukhurovnevnoi sisteme/. 21 p3670 A67-38684
- KRASOVSKII, A. A.**
Sufficient conditions for statistical stability of motion. 20 p3409 A67-37225
- KRASOVSKII, N. N.**
Control of an object with an aftereffect /Ob upravlenii ob'ektom s posledetstviem/. 02 p0225 A67-11962
- On stabilization of nonstationary systems. 06 p0975 A67-18036
- On the problem of pursuit in the case of linear monotone objects. 11 p1812 A67-24145
- The problem of the meeting of motions /K zadache o vstreche dvizhenii/. 13 p2085 A67-26382
- Control of an object with delay. 17 p2831 A67-33279
- A problem of motions encounter. 21 p3604 A67-38818
- KRASOVSKII, V. I.**
Polar auroras /Poliarnye siliani/. 09 p1491 A67-21892
- New data on electric fields in the magnetosphere. 12 p1936 A67-25808
- Geometrical model of a calculation of solar heat fluxes reflected from a planet /Geometricheskaya model' rascheta otrazhennykh ot planety solnechnykh teplovykh potokov/. 13 p2201 A67-27342
- KRASOVSKII, V. M.**
Experimental study of hypersonic helium flow over blunt bodies. 04 p0546 A67-14781
- KRASOV, I. M.**
Determination of the basic parameters for a two-stage hydraulic amplifier-actuator system. 10 p1597 A67-23321
- KRASOVSKII, V. I.**
The aurorae. 22 p3790 A67-39875
- KRASZEWSKI, A.**
Application of microwaves to the evaluation of properties of materials /Zastosowanie mikrofal do oceny wlasciwosci materialow/. 18 p3045 A67-33740
- KRAT, V. A.**
On solar observations at an international observatory on the moon. 04 p0598 A67-15071
- A model of the inhomogeneous chromosphere of the sun. 12 p2001 A67-25221
- KRATENKO, I. U. P.**
Inelasticity of the interaction of cosmic ray particles with lead nuclei /Neuprugost' vzaimodeistviia chastits kosmicheskikh luchei s ladrami svintsa/. 02 p0315 A67-12756
- Inelasticity of the interaction of cosmic ray particles with lead nuclei. 22 p3876 A67-40258
- KRATOCHVIL, C. H.**
Suggestions for a comparative neurosciences research program. 07 p1135 A67-19864
- KRATZ, H.**
Contribution to the investigation of exhaust processes of gases at high initial pressures from tubes, when the flow is initiated by acceleration of a solid body /Beitrag zur Untersuchung der Ausstromvorgaenge von Gasen unter hohem Anfangsdruck aus Rohren, wenn die Stroemung durch die Beschleunigung eines festen Koerpers eingeleitet wird/. 02 p0235 A67-12788
- KRATZER, L.**
Cleaning large space-simulation chambers. 11 p1773 A67-24976
- KRAUIA, V. M.**
Operation of an induction pump with an asymmetrical system of inductor currents /O rabote induktsionnogo nasosa s nesimmetrichnoi sistemoi tokov induktora/. 20 p3365 A67-37307
- KRAUS, A. D.**
Fin efficiency of compact heat exchanger stacks. [ASME PAPER 66-WA/HT-47] 04 p0724 A67-15432
- KRAUS, H.**
A comparison of measured and calculated stresses in pressure vessels. [ASME PAPER 66-WA/PVP-5] 04 p0719 A67-15931
- Plastic strains in a thick cylindrical segment. [AIAA PAPER 67-113] 06 p1102 A67-18309
- A comparison of measured and calculated stresses in pressure vessels. [ASME PAPER 66-WA/PVP-5] 18 p3143 A67-34127
- KRAUS, J. D.**
Radio Astronomy. 17 p2943 A67-32432
- The spectra of OQ208 and other centimeter wavelength radio sources. 24 p4225 A67-41831
- KRAUS, P.**
Calculation of the floating potential in a plasma containing negative ions /Calcul du potentiel flottant dans un plasma contenant des ions negatifs/. 04 p0669 A67-15496
- KRAUSE, E.**
Numerical solution of the boundary-layer equations. 15 p2473 A67-30189
- KRAUSE, F.**
A contribution to the problem of turbulence in plasmas - The earth as a self-excited magnetohydrodynamic generator

- /Beitrag zu Fragen der Turbulenz in Plasmen - Die Erde als selbsterregter magnetohydrodynamischer Generator/. 17 p2842 A67-32341
Investigation of the dynamo effect of turbulence without mirror symmetry in simple models /Untersuchung der Dynamowirkung einer nichtspiegelsymmetrischen Turbulenz an einfachen Modellen/. 17 p2883 A67-32355
Creation of stellar and planetary magnetic fields as a result of turbulent motions of their matter /Vozniknovenie magnitnykh polov zvezd i planet v rezul'tate turbulentnogo dvizheniya lkh veshchestva/. 24 p4230 A67-42352
- KRAUSE, F. R.**
Remote sensing of local flow instabilities and turbulence. 03 p0422 A67-13773
The determination of average thermodynamic properties with optical cross-correlation methods. [AIAA PAPER 67-149] 06 p1004 A67-18477
The crossed-beam correlation technique. 17 p2855 A67-32282
- KRAUSE, G.**
A new type of astronomical telescope with an extra large aperture. 13 p2121 A67-27359
- KRAUSE, G. O.**
Observation of misfit dislocations in GaAs-Ge heterojunctions. 14 p2366 A67-28497
- KRAUSE, H. G. L.**
Theory of a refined earth figure model with applications. 22 p3792 A67-39933
- KRAUSE, I.**
The effect of internal reflection in a corner cube upon the polarization of a reflected beam. 04 p0657 A67-15307
- KRAUSE, J., JR.**
A comparative analysis of the effect of the hover control concept on V-STOL aircraft size. [AIAA PAPER 67-133] 06 p0948 A67-18358
- KRAUSS, E. S.**
Effect of bluntness of elliptic nose shape on the drag of bodies of revolution in axisymmetric subsonic flow. 16 p2589 A67-30791
- KRAUSS, R. W.**
The inhibitory effect of light on growth of Prototheca Zopfii Kruger. 06 p0952 A67-17872
- KRAUSS, W. E.**
Aerodynamic heating from turbulent boundary layers to swept surfaces. 04 p0549 A67-15825
- KRAUSZ, A.**
Solar cell power systems for electric propulsion. [AIAA PAPER 66-891] 02 p0183 A67-12269
- KRAUT, A. J.**
Inspection and control requirements for hot gas soldered flat pack connections. 21 p3635 A67-38626
- KRAUT, F.**
Impact glass in the Cachari eucrite. 24 p4233 A67-42623
- KRAUTKRAEMER, J.**
Near field length and error magnitude determination with angular probes /Nahfeldlaenge und Fehlergroessenbestimmung bei Winkelpruefkoeppen/. 18 p3044 A67-33736
- KRAUZ, L. S.**
Determination of impurities in high-purity niobium. 19 p3243 A67-34927
- KRAVARIK, J.**
Some results of experiments on discharges in shock tubes with parallel conductors. 18 p3089 A67-34297
- KRAVCHENKO, A. F.**
On the structure of the bottom of the conduction band in GaAs. 03 p0487 A67-12806
Phenomenological theory of the longitudinal Hall effect. 04 p0681 A67-15291
Theory of the electron energy spectrum of doped semiconductors. 04 p0681 A67-15296
Absorption of ultrasound in the compounds GaAs and GaSb. 06 p1051 A67-18399
The structure of the conduction band and the anisotropy of the electron scattering in n-GaAs. 06 p1064 A67-18943
Principles of the physics of semiconductors and semiconductor devices /Osnovy fiziki poluprovodnikov i poluprovodnikovyykh priborov/. 07 p1231 A67-19301
- KRAVCHENKO, N. A.**
Ultrasonic inspection for macrodefects and local structural irregularities in turbine blades. 06 p1007 A67-18103
- KRAVCHENKO, T. G.**
Heat resistance of dispersionally hardened nickel. 14 p2336 A67-27867
Heat resistance of nickel alloys containing oxides /Zharostokost' splovov nikelia s oksislami/. 16 p2690 A67-31433
- KRAVCHENKO, V. I.**
Spontaneous generation breakdown in a ruby laser /Ob effekte avtosryva generatsii v rubinovom opticheskom kvantovom generatore/. 12 p1953 A67-25445
Adjustment and stabilization of the wavelength of ruby laser radiation /Pro perestroivanniya i stabilizatsiiu dovozni khvili viprominivanniya rubinovogo optichnogo kvantovogo generatora/. 14 p2332 A67-28759
Laser with frequency scanning during the generation process. 18 p3061 A67-34619
The effect of generation self-cutoff in a ruby laser. 21 p3642 A67-38819
Conditions for self excitation of a laser operating in an inhomogeneously broadened band. 23 p4013 A67-40907
- KRAVCHENKO, V. P.**
Assessment of the error of the approximate natural frequencies of the oscillations of a cantilever beam with variable parameters /Pro otsinku pokhibki nablizhenikh vlasnikh chastot kolivan' vil'noi balki zminnikh parametrov/. 18 p3143 A67-34168
Effect of a bilateral metal grating with uniformly spaced nonuniform slits on the radiation from an active plane-parallel layer. II /Pro vplyv podvlnnoi rinvnoperlodnoi riznoshchilinnoi metalevoi gratki na viprominivanniya aktivnogo plosko-paralelnogo sharu. II/. 21 p3638 A67-37865
- KRAVCHUK, E. M.**
Possibilities of measuring thermophysical characteristics by temperature-wave methods /O nekotorykh vozmozhnostyakh izmereniya teplofizicheskikh kharakteristik s pomoshch'yu metodov temperaturnykh voln/. 01 p0166 A67-10364
- KRAVCHUK, V. S.**
Experimental determination of critical loads for a cylindrical shell of glass-fiber-reinforced resin /Eksperimental'noe opredeleniye kriticheskikh sil stekloplastikovoi tsilindricheskoi obolochki/. 12 p2031 A67-25959
- KRAVITSKII, A. O.**
Eigenfunction-series expansion of a nonself-conjugate boundary value problem /O razlozhenii v riad po sobstvennym funktsiiam odnoi nesamosopriazhennoi kraevoi zadachi/. 03 p0461 A67-14060
- KRAVTSOV, I. A.**
Resolving power of antennas in a turbulent medium /Razreshalushchala sposobnost' antenn v turbulentnoi srede/. 02 p0210 A67-11570
A modification of the geometric optics method for a wave penetrating a caustic. 02 p0192 A67-11637
Once more on the possibility of determining local electron concentration by the dispersion method using artificial earth satellites and new ionization maxima in the ionosphere. 12 p1932 A67-25539
The expansion of a laser beam in a turbulent medium /K voprosu o rasshirenii lazernogo puchka v turbulentnoi srede/. 22 p3761 A67-39739
Resolving power of pencil-beam antennas with strong fluctuations of the field distribution /Razreshalushchala sposobnost' otornapravlennykh antenn s sil'nymi fluktuatsiiami raspredeleniya polia/. 22 p3763 A67-40125
- KRAVTSOV, V. A.**
Reflection of a plane electromagnetic wave from an ideally conducting ellipsoid of revolution /Otrazheniye ploskoi elektromagnitnoi volny ot ideal'no provodiashego ellipsoida vrashcheniya/. 11 p1751 A67-23915
Reflection of a plane electromagnetic wave from an ideally conducting triaxial ellipsoid /Otrazheniye ploskoi elektromagnitnoi volny ot ideal'no provodiashego trekhosnogo ellipsoida/. 11 p1754 A67-24966
Reflection of a plane electromagnetic wave from an ideally conducting ellipsoid of revolution. 21 p3586 A67-38943
- KRAWEC, R.**
Radial density and temperature profiles at the ion cyclotron wave resonance point. [AIAA PAPER 66-158] 04 p0664 A67-14823
- KRAWITZ, L.**
The ESSA satellite - A new role for Tiros. 06 p1096 A67-18412
The ESSA satellite - A new role for Tiros. [SMPTE PAPER 101-56] 12 p2011 A67-25472
The role of satellites in the World Weather Watch. 19 p3253 A67-35656
- KREBS, H.**
High-power rocket engines with fluorine propellants - Current status of technology, possible applications /Hochenergetische Raketenriebwerke mit Fluortreibstoffen - Stand der Technik, Einsatzmoeglichkeiten/. 06 p1071 A67-17608
- KREBS, P. E.**
M.O.S. integrated circuits using gate capacitance storage. 14 p2281 A67-28020
- KREDER, J.-C.**
Automatic control of the "Saphir" /Le pilotage automatique de Saphir/. 16 p2700 A67-30798
- KREEGER, A. H.**
SNAP-8 - A technical assessment. 24 p4184 A67-42497
- KREFETZ, E.**
Restricted three-body problem in the post-Newtonian approximation. 17 p2943 A67-32441
- KREID, D. K.**
Measurement of laminar flow development in a square duct using a laser-Doppler flowmeter. [ASME PAPER 67-APM-37] 17 p2861 A67-33161
- KREIDER, K. G.**
Boron aluminum composite fabricated by plasma spraying. 03 p0444 A67-13431
Grain boundary diffusion in tungsten. 20 p3470 A67-37388
- KREIDER, M. B.**
Death and survival during water immersion - Account of plane crashes near Cape Cod and Hamilton Bay. 23 p3970 A67-41707
- KREIL, W.**
Control behavior of a VTOL aircraft in transition and the control considerations that derive from it /Das Steuerverhalten eines Senkrechtstarters im Uebergangsflug und regeltechnische Folgerungen/. 03 p0358 A67-12982
New methods for controllability studies /Neuere Methoden fuer die Steuerbarkeitsuntersuchungen/. 18 p2993 A67-33457
- KREINDLER, E.**
The modulus of linear differential combinations with variable coefficients /Le module des combinaisons differentielles lineaires a coefficients variables/. 03 p0458 A67-13460
- KREINGEL, N. S.**
Steep-slope RC-filters /RC-fil'try s vysokoi krutiznoi spada/. 14 p2289 A67-28863
- KREININ, G. V.**
Synthesis of a certain type of microprogrammers /Sintez odnogo tipa mikroprogrammykh avtomatov/. 19 p3190 A67-36094
- KREININ, L. B.**
Study of the radiation resistance of silicon photoconverters - From the results of the Elektron 3 satellite experiment /Issledovanie radiatsionnoi stokosti kremnilevykh fotopreobrazovatelei - Po dannym eksperimenta na ISZ "Elektron-3"/. 02 p0240 A67-11543
Investigations into the radiation stability of silicon photoconverters /from the experimental data obtained on the artificial earth satellite "Elektron-3"/. 16 p2877 A67-31609
- KREISS, W. T.**
The cloud melting zone and radiometric observations. [AIAA PAPER 67-188] 06 p1026 A67-18491
Radiometric observations and the cloud-melting zone. [AIAA PAPER 67-188] 23 p4025 A67-41747
- KREITH, F.**
Heat transfer in laminar source flow between a stationary and a rotating disk. 04 p0729 A67-15812
Laminar source flow between two parallel coaxial disks rotating at different speeds. 23 p3988 A67-40602
- KREJCI, V.**
New method of displaying disturbance and wave propagation. 02 p0247 A67-12687
- KREMENCHUGSKII, L. S.**
Utilization of the pyroelectric effect in

- barium titanate ceramics for recording weak thermal fluxes. 03 p0421 A67-13709
- KREMENTULO, IU. V.**
New method for determining the characteristics of complex dynamic systems /Novyi metod opredeleniya kharakteristik slozhnykh dinamicheskikh sistem/. 20 p3412 A67-37378
- KREMENTULO, V. V.**
Optimal stabilization of the rotary motion of a solid body with a fixed point using gyrostabilizers /Ob optimal'noi stabilizatsii vrashchatelnogo dvizheniya tverdogo tela s nepodvizhnym tochkoi pri pomoshchi makhovikov/. 06 p1034 A67-18617
On the optimal stabilization of a rigid body with a fixed point by means of pendulums. 07 p1224 A67-20028
- KREMER, I. IA.**
On the problem of analysis of effects of modulating noise. 07 p1147 A67-20240
- KREMITH, R.**
Plasma spraying - A new method of applying solid film lubricants. [ASLE PREPRINT 67AM 7A-4] 14 p2326 A67-28792
- KREMP, D.**
Conductance theory for electrolytes and weakly ionized plasmas. I /Zur Theorie der Leitfaehigkeit von Elektrolyten und schwach ionisierten Plasmen. I/. 04 p0670 A67-15578
Conductance theory for electrolytes and weakly ionized plasmas. II /Zur Theorie der Leitfaehigkeit von Elektrolyten und schwach ionisierten Plasmen. II/. 04 p0670 A67-15579
- KREMPL, E.**
Deformation behavior and fracture of aluminum 80A during thermal fatigue cycling under constraint. 16 p2775 A67-31323
Evaluation of high-elongation foil strain gages for measuring cyclic plastic strains. 18 p3142 A67-33890
- KREMPL, H.**
Calculation of plasma compositions and their application to temperature determination /Ueber die Berechnung von Plasmazusammensetzungen und deren Anwendung zur Temperaturbestimmung/. 07 p1229 A67-19566
Thermal excitation functions and optimum temperatures of atom and ion lines in two-component plasmas /Thermische Anregungsfunktionen und Normtemperaturen von Atom- und Ionenlinien in Zweikomponentenplasmen/. 11 p1840 A67-24580
- KREMSE, G.**
Preliminary report on measurements with balloon-borne detectors in Northern Scandinavia during the solar proton event of July 7, 1966. 05 p0882 A67-18740
Energy variations of auroral electrons according to balloon measurements. 10 p1702 A67-23305
Observations of large-scale coherent pulsating electron precipitation events in the auroral zone, accompanied by geomagnetic continuous pulsations. [AFOSR-67-1314] 12 p1931 A67-25112
Some properties of the slowly varying ionospheric absorption events in the auroral zone. 17 p2845 A67-32794
Balloon measurements of auroral X rays. 18 p3038 A67-33613
Balloon measurements of solar protons in northern Scandinavia on July 7, 1966. 19 p3312 A67-35175
- KRENDEL, E. S.**
Manual control of single-loop systems. I. 07 p1162 A67-19907
Manual control of single-loop systems. II. 10 p1618 A67-22733
- KREPLIN, R. W.**
Design considerations involved in preparation of experiments for small and large satellites. 12 p2007 A67-25784
Solar X-ray monitoring during the IQSY. 12 p1999 A67-25833
Solar X-ray spectrum from 1.9 to 25 angstrom units. 17 p2937 A67-32650
X-ray emission associated with the proton flare of 7 July 1966. 19 p3313 A67-35218
Observations of solar X-ray activity below 20 angstroms. 23 p4050 A67-40805
- KRESA, K.**
An optimal singular solution for the sounding rocket with altitude-dependent parameters. 05 p0906 A67-17225
- KRESAK, L.**
The asymmetry of the asteroid belt. 10 p1705 A67-22894
- Comet Encke and solar activity. 12 p2000 A67-25137
- KRESIN, K.**
Device for millitorr measurement /Ein Anordnung zur Millitorr-Messung/. 17 p2855 A67-32351
- KRESIN, V. Z.**
Superconducting transition temperature of a thin film. 06 p1049 A67-17886
Thermal properties of anomalous superconductors. 17 p2914 A67-32453
Electromagnetic properties of superconductors with overlapping bands /Elektromagnetische Eigenschaften von Supraleitern mit überlappenden Bändern/. 17 p2915 A67-32454
Sverkhprovodnikov s perekryvalushchimisli zonami/. 17 p2915 A67-32718
Properties of superconductors having overlapping bands. 20 p3512 A67-37435
- KRESSEL, H.**
The effective ionization rate for hot carriers in GaAs. 02 p0299 A67-12186
Effect of generation-recombination centers on the stress-dependence of Si p-n junction characteristics. 09 p1553 A67-21947
A review of the effect of imperfections on the electrical breakdown of p-n junctions. 18 p3102 A67-34344
- KRESSNER, B. E.**
Impurity effects on heterogeneous nucleation from the vapor - Selenium on glass. 11 p1821 A67-24992
- KRESTOVNIKOV, A. N.**
Physicochemical characteristics of the behavior of impurities in gallium and indium arsenides /Fizikokhimicheskie osobennosti povedeniya primesel v arsenidakh galliya i indiya/. 18 p3102 A67-34289
The patterns of change in certain thermochemical properties of a series of A super III B super V analogs /O zakonomernosti izmeneniya nekotorykh termokhimicheskikh svoystv v riadu soedinenii-analogov A super III B super V/. 21 p3676 A67-37932
- KRESTOVSKII, S. S.**
Estimation of a thin-walled structure for bending with a calculation of the material's short-term creep /Raschet tonkostennoi konstruktsii na izgib s ucheto kratkovremennoi polzuchesti materiala/. 20 p3536 A67-38446
- KRETOVA, L. D.**
Propagation of waves in three-dimensional elastoplastic bodies under the complete plasticity condition /O rasprostraneni voln v trekhmernykh uprugoplasticheskikh telakh pri uslovi polnoi plastichnosti/. 21 p3718 A67-37968
- KRETSINGER, P.**
A comparison of point performance and gradient technique. 15 p2418 A67-29406
- KRETZ, M.**
Space rotor - A French concept for a reusable recovery system. 15 p2568 A67-29845
- KREUSSING, F.**
Application of feedback to M-ary PAM. 02 p0204 A67-12170
- KREUTEL, R. W.**
Gain bandwidth relations in arrays of log periodic antennas. 12 p1914 A67-25426
- KREUTZ, E.-W.**
Thermal production of acceptors in indium antimonide /Zur thermischen Erzeugung von Akzeptoren in Indiumantimonid/. 04 p0683 A67-15651
- KREUZ, K. L.**
EP films from borate lubricants. 16 p2683 A67-31756
- KREUZE, F. J.**
Reliability aspects of "full life" product warranty. 01 p0171 A67-11351
- KREUZER, H. J.**
Dielectric waveguides as plasma probes /Dielektrische Wellenleiter als Plasmasonden/. 13 p2120 A67-26859
- KREUZER, J. A.**
Liquid propellant utilization for sounding rockets. 08 p1372 A67-20524
- KREUZER, J. L.**
Ultrasonic imaging using a synthetic holographic technique. 11 p1793 A67-24831
- KREUZER, L. B.**
Ruby-laser-pumped optical parametric oscillator with electro-optic effect tuning. 18 p3059 A67-34011
- KREY, J. F.**
AH-56A /AAFSS/ safety engineering. 18 p2987 A67-34690
- KREY, R. U.**
Bremsstrahlung and recombination radiation of atomic and ionic oxygen. 19 p3299 A67-36093
- KREYSZIG, E.**
Advanced Engineering Mathematics /2nd Edition/. 17 p2876 A67-31930
- KRIANIN, I. R.**
The kinetics of structural changes and failure of heat-resistant metals during prolonged testing /Kinetika strukturnykh prevrashchenii i razrusheniia zharoprochnykh splavov pri dlitel'nykh ispytaniakh/. 22 p3818 A67-39320
- KRIBEL, R.**
Internal measurements of plasma rotation in an MPD arc. [AIAA PAPER 67-655] 21 p3689 A67-38691
- KRICHEVSKAIA, I. V.**
Ultrasonic inspection for macrodefects and local structural irregularities in turbine blades. 06 p1007 A67-18103
- KRICHEVSKII, M. E.**
One of the causes of overheating of semiconductor diodes as the frequency of rectified voltage increases /Ob odnoi iz prichin peregreva poluprovodnikovykh diodov pri uvelichenii chastoty vypryamlaemogo napriazheniya/. 02 p0209 A67-11508
A cause of overheating of semiconductor diodes with increased frequency of rectified voltage. 14 p2283 A67-28072
- KRIDER, E. P.**
A method for optically coupling a 5" photomultiplier tube. 24 p4158 A67-42700
- KRIEGER, J. B.**
Some analytic properties of finite-band models in solids. 15 p2534 A67-29324
- KRIEGSMAN, B. A.**
Radar-updated inertial navigation of a continuously-powered space vehicle. 22 p3833 A67-40195
- KRIEN, G.**
Differential thermoanalytic determination of the transformation enthalpy of the transition from rhombic to cubic ammonium perchlorate /Differentialthermoanalytische Bestimmung der Umwandlungsenthalpie des Ueberganges vom rhombischen ins kubische Ammoniumperchlorat/. 14 p2376 A67-28903
- KRIER, H.**
Non-steady burning phenomena of solid propellants - Theory and experiments. 15 p2580 A67-29984
- KRIKE, R. K.**
Effects of the temperature of an ambient medium on microplasma phenomena and on the breakdown voltage of a silicon p-n junction /Vliianie temperatury okruzhaiushchei sredy na mikroplazmennye iavleniya i napriazhenie probola p-n perekhoda kremniia/. 06 p1050 A67-17895
- KRIMIGIS, S. M.**
Interplanetary diffusion and cosmic ray modulation. 13 p2193 A67-27250
Simultaneous observations of solar protons inside and outside the magnetosphere. 16 p2740 A67-31626
Observations of the February 5-12, 1965, solar particle event with Mariner 4 and Injun 4. 22 p3872 A67-39811
- KRIMSKY, S.**
Hugoniot equation of state of alkali metals. 06 p1032 A67-18141
- KRINBERG, I. A.**
Application of the theory of thermal similarity to the study of the electric arc. 04 p0667 A67-15192
Calculation of the parameters of an arc column in an atmosphere of hydrogen and air /Raschet parametrov stolba dugi v atmosfere vodoroda i vozdukh/. 09 p1546 A67-22315
- KRINKOV, P. G.**
Laser with nonresonance feedback /Opticheskii kvantovyi generator s nerezonansnoi obratnoi svyaz'iu/. 01 p0090 A67-10740
- KRINKS, R. W.**
Some spectral characteristics of the radio refractivity in the surface layer of the atmosphere. 14 p2262 A67-28379
- KRINSKY, S.**
A new class of trapped light filaments. 05 p0818 A67-16648
- KRIPIAKEVICH, P. I.**
R/X', X''/ sub 2 compounds with R equals Ti, Zr, Hf, X' equals Fe, Co, Ni, Cu, X'' equals Al, Ga systems and their crystalline structures /Soedineniya R/X', X''/ sub 2 v sistemakh s R equals Ti, Zr, Hf, X' equals Fe, Co, Ni, Cu, X'' equals Al, Ga i ikh kristallicheskie

- struktury/. 05 p0830 A67-16919
Study of the phase diagram of titanium-rich alloys of the system Ti-Al /Issledovanie diagrammy ravnovesia bogatykh titanom splavov sistemy Ti-Al/. 07 p1204 A67-19267
Compounds of the type R/X' , X'' sub 2 in systems with R equals Ti, Zr, Hf, X' equals Fe, Co, Ni, Cu, and X'' equals Al, Ga and their crystal structures. 14 p2337 A67-28259
Crystalline structures of some compounds in the Nb-Ni and Ta-Ni systems. 21 p3646 A67-38973
- KRISHAN, S.
Oscillations of an inhomogeneous cylindrical plasma column. 19 p3295 A67-35564
- KRISHEN, K.
Cross-polarization measurements and their relation to target surface properties. 02 p0192 A67-11603
- KRISHNA MURTHY, A. V.
Transverse vibrations of trusses. 03 p0529 A67-14103
- KRISHNA, G.
On some aspects of statistical linearization of nonlinear elements. 04 p0591 A67-14420
Harmonic response and jump phenomena in forced non-linear systems. 08 p1312 A67-20721
- KRISHNA, M. S.
Mass transfer studies with axisymmetrically rotating bodies. 12 p2033 A67-25277
- KRISHNAIYER, R.
An experimental evaluation of fluidic transmission line theory. 14 p2251 A67-28349
- KRISHNAMURTHI, M.
Ionospheric absorption studies based on cosmic noise data at 28.6 MHz at Bangalore. 23 p3994 A67-40778
- KRISHNAMURTHY, B. V.
Solar and geomagnetic effects on upper atmospheric temperature. 14 p2314 A67-29027
- KRISHNAPPA, E. N.
Vibrations of plates bounded by parts of elliptical and hyperbolic cylinders. 08 p1416 A67-20489
- KRISHNAPPA, G.
Effect of temperature on the high-frequency component of the jet noise. 19 p3173 A67-34962
- KRISHNASWAMY, T. N.
Fan system of the 14' x 9' open circuit wind tunnel of the Indian Institute of Science. 03 p0397 A67-14104
- KRISHNAL, M. A.
Topography of the distribution of the nonequilibrium concentration of vacancies associated with the mutual diffusion of two components in the creep process. 18 p3141 A67-33768
Properties and structure of deformed and annealed molybdenum /Svoystva i struktura deformirovannogo i otozhennogo mollybdena/. 20 p3466 A67-36967
- KRISILOV, I. D.
Automatic gain control in transistorized oscillators /Avtomaticheskaya regulirovka usileniya v tranzistornykh generatorakh/. 02 p0216 A67-11981
- KRISS, N. V.
The boundary layer in the case of flow past a cylinder along the generatrix /Pogranichnyi sloi pri obtekanii tsilindra vdol' obrazulushchey/. 20 p3360 A67-37658
- KRISTAL, R.
Antenna plasma interaction in a conical geometry. 23 p3973 A67-40840
- KRISTIAN, J.
On the cosmological distortion effect. 11 p1860 A67-24484
- KRISTIANSEN, A.
Magnetic attitude actuation for passive satellites. 05 p0905 A67-16831
- KRISTIANSEN, M.
Evaluation of Faraday shielded stix coils for ion cyclotron resonance heating of plasma. 02 p0279 A67-12685
Experimental investigation of harmonic ion cyclotron wave propagation and attenuation. 13 p2163 A67-26287
Inexpensive, high vacuum, high voltage, electric feedthrough. 22 p3774 A67-40348
- KRISTOFFEL, N.
Pseudo-Jahn-Teller effect and second order phase transitions in crystals. 16 p2726 A67-30813
- KRISTOFFERSON, A. B.
Attention and psychophysical time. 23 p3944 A67-41020
- KRITIKOS, H. N.
Electromagnetic reflectivity of nonuniform jet streams. 23 p3974 A67-41201
- KRITZ, A.
Kinetic thermodynamics. 20 p3543 A67-36185
- KRITZ, A. H.
Approach to the N-body problem with hard-sphere interaction applied to the collision domains of three bodies. 01 p0112 A67-10144
Dynamical evolution of a gas with short-range repulsive forces. 11 p1824 A67-25077
Collision integral for a plasma in a strong magnetic field. 15 p2532 A67-30382
- KRITZINGER, S.
The influence of a dilute magnesium addition on the growth and shrinkage of dislocation loops in aluminum. 21 p3644 A67-38088
- KRIUCHKOV, N. V.
The equations of motion and measurements of the angles of rotation of an aircraft moving in a near-vertical plane. 04 p0704 A67-14776
- KRIUK, V. I.
Exoemission from ground surfaces of germanium and silicon. 02 p0296 A67-11830
- KRIUKOV, K. A.
Determination of the optimal parameters of an elastically damping turbine-rotor bearing /K opredeleniiu optimal'nykh parametrov uprugodempfernoi opory rotora turbomashiny/. 21 p3695 A67-38832
- KRIUKOV, M. S.
Motion of a solid body in a Lobachevskii space /O dvizhenii tverdogo tela v prostranstve Lobachevskogo/. 16 p2702 A67-31011
Motion of a symmetric body in a Lobachevskii space /Dvizhenie simmetrichnogo tela v prostranstve Lobachevskogo/. 18 p3079 A67-34372
- KRIUKOV, P. G.
Short-pulse Q-switched laser with variable pulse length. 05 p0817 A67-16641
A laser with a nonresonant feedback. 05 p0818 A67-16642
Dynamics of radiation spectrum narrowing in a laser with nonresonance feedback /Dinamika suzheniya spektra izlucheniya kvantovogo generatora s nerezonansnoi obratnoi svyaz'yu/. 06 p1012 A67-18797
Giant pulse structure in a laser with instantaneous Q-switching. 10 p1666 A67-23584
A laser with nonresonant feedback. 13 p2126 A67-26769
Dynamics of emission line narrowing for a laser with nonresonant feedback. 18 p3061 A67-34416
Emission statistics of a laser with nonresonant feedback. 18 p3062 A67-34621
- KRIUKOVA, I. V.
Some features of the coherent radiation of gallium antimonide laser diodes. 01 p0087 A67-10085
Recombination radiation of gallium antimonide p-n junctions. 04 p0681 A67-15297
- KRIUKOVA, N. N.
Microplasma effects in silicon /Mikroplazmennye yavleniya v kremnii/. 05 p0867 A67-17052
Microplasma phenomena in silicon. 15 p2538 A67-29783
Relation between dislocations and microplasmas during avalanche breakdown of a silicon p-n junction /O svyazi mezhdu dislokatsiyami i mikroplazmami pri lavinnom probe p-n-perekhoda v kremnii/. 18 p3099 A67-33698
- KRIUKOVA, S. G.
Hypersonic helium flow past highly blunted bodies. 04 p0546 A67-14779
Viscous hypersonic gas flow past slender pointed cones. 13 p2050 A67-26882
- KRIVELEV, A. P.
The two-dimensional characteristic function and probability-distribution density of a process which is phase-modulated by a normal noise /Dvumernyye kharakteristicheskaya funktsiya i plotnost' raspredeleniya veroyatnostei fazomodulirovannogo normal'nym shumom protessa/. 04 p0575 A67-15161
Two-dimensional characteristic function and probability density of a phase-modulated normal noise process. 15 p2435 A67-29348
- KRIVENIUK, V. V.
Assembly for prolonged high-temperature testing of materials in vacuum or inert media /Ustanovka dlia dlitel'nykh ispytaniy materialov v vakuumе ili inertnoi srede pri vysokikh temperaturakh/. 01 p0051 A67-11247
Apparatus for prolonged high-temperature testing of materials in vacuum or in an inert atmosphere. 17 p2835 A67-33170
- KRIVITSKII, B. KH.
Direction-finding characteristics of single-pulse automatic tracking systems. 02 p0214 A67-11904
Dynamic properties of a system of automatic gain control taking into account constraint /Dinamicheskie svoystva sistemy avtomaticheskoi regulirovki usileniya s uchetom ograniicheniya/. 13 p2088 A67-27041
- KRIVONISHCHENKO, I. A.
Determination of similarity criteria for magnetohydrodynamic phenomena on the basis of dimensionality analysis /Opredelenie kriteriev podoblia magnitogidrodinamicheskikh yavlenii na osnovanii analiza razmernostei/. 21 p3665 A67-38248
- KRIVORUCHKO, L. D.
Thermal stability of glass-fiber-reinforced compressor blades of gas-turbine engines /K voprosu termostoičnosti stekloplastikovykh lopatok kompressorov gazoturbinnykh dvigatelei/. 24 p4249 A67-42103
- KRIVORUCHKO, V. M.
Vacuum siliconizing of refractory metals. 19 p3236 A67-34918
- KRIVOSHAPKIN, B. P.
S sub D variations of the geomagnetic field in Yakutsk and solar activity /S sub D - variatsii geomagnitnogo polia v Iakutskе i solnechnaya aktivnost'/. 21 p3623 A67-39041
- KRIVOSHAPKIN, P. A.
Distribution of cosmic rays and the reception vectors of the detector. I /Raspredelenie kosmicheskikh luchei i priemnye vektory detektorov. I/. 05 p0884 A67-17121
Cosmic-ray distribution and receiving vectors of detectors. II /Raspredelenie kosmicheskikh luchei i priemnye vektory detektorov. II/. 10 p1698 A67-22778
Cosmic-ray distribution and the acceptance vectors of detectors. I. 21 p3698 A67-38464
Cosmic-ray distribution and the reception vectors of detectors. III /Raspredelenie kosmicheskikh luchei i priemnye vektory detektorov. III/. 21 p3699 A67-39018
Principal characteristics of the Forbush-decreases during periods of minimum solar activity /Osnovnyye kharakteristiki Forbush-spadoy v period minimuma solnechnoi aktivnosti/. 23 p4057 A67-41118
Sidereal diurnal variations caused by the modulation of cosmic rays /Zvezdno-sutochnyye variatsii, obuslovlennyye modulatsiei kosmicheskikh luchei/. 23 p4059 A67-41129
Use of matrices in the investigation of the distribution of cosmic rays /Ispol'zovanie matrits pri issledovanii raspredeleniya kosmicheskikh luchei/. 23 p4059 A67-41134
Cosmic-ray distribution and the acceptance vectors of detectors. II. 24 p4209 A67-42114
- KRIVOSHCHENKOV, G. V.
Method for measuring laser frequency variations /Ob odnom metode izmeneniya chastoty opticheskikh kvantovykh generatorov/. 03 p0433 A67-13094
Excitation of ultrasonic vibrations in crystals under the action of ruby laser radiation. 08 p1337 A67-20417
Ultrasonic device for the measurement of laser radiation power /Ul'trazvukovoi pribor dlia izmereniya moshchnosti izlucheniya opticheskogo kvantovogo generatara/. 15 p2485 A67-29125
A method of narrowing the emission spectrum of a ruby laser /Ob odnom metode suzheniya spektra izlucheniya okg na rubine/. 19 p3241 A67-36023
- KRIVOSHEEV, M. V.
Some features of a stationary microwave discharge in a magnetic field. 06 p1040 A67-18094
- KRIVOSHEIN, L. E.
Certain questions arising in the solution of boundary-value problems for a class of nonlinear partial integrodifferential equations /Nekotoryye voprosy resheniya kraevykh zadach dlia odnogo klassa nelineynykh integro-differentsial'nykh uravnenii v chastnykh proizvodnykh/. 07 p1215 A67-19476
- KRIVOV, M. A.
Effect of X-ray radiation on the

- electrophysical properties of germanium crystals and germanium p-n junctions. II - Electrophysical properties of germanium irradiated with hard X rays /Vlianie rentgenovskogo izlucheniia na elektrofizicheskie svoystva germania i germaniyevykh p-n-perekhodov. II - Elektrofizicheskie svoystva germania pri obluchenii zhestkimi rentgenovymi luchami/. 01 p0138 A67-11044
- Effect of X-ray radiation on germanium crystals and germanium p-n junctions. III - Effect of X rays on germanium p-n junctions /Vlianie rentgenovskogo izlucheniia na germanii i germaniyevy p-n-perekhody. III - Delstvie rentgenovykh luch na germaniyevy p-n-perekhody/. 01 p0136 A67-11047
- Effect of X radiation on the electrophysical properties of silicon crystals and silicon p-n junctions. I /Vlianie rentgenovskogo izlucheniia na elektrofizicheskie svoystva kremnia i kremniyevykh p-n-perekhodov. I/. 06 p1048 A67-17855
- Effect of irradiation by electrons on the electrical properties of gallium arsenide /Vlianie obluchenii elektronami na elektricheskie svoystva arsena gallia/. 06 p1049 A67-17858
- Effect of X and electron radiation on p-n junctions in gallium arsenide /Vlianie rentgenovskogo i elektronnoho izlucheniia na p-n-perekhody na arsene gallia/. 06 p1049 A67-17859
- Effects of X-rays on the electrophysical properties of germanium and germanium p-n junctions. 20 p3508 A67-36405
- Electrophysical properties of InBi compounds /Elektrofizicheskie svoystva soedineniia InBi/. 20 p3514 A67-37805
- KRIVSKII, I. IU.**
- Possible formulations of the microcausality principle and some of its consequences /O vozmozhnykh formulirovakh printsipa mikropriчинnosti i nekotorykh ikh sledstviakh/. 13 p2155 A67-26385
- KRIVSKY, L.**
- The relation between proton flares and the corona over the 11-year cycle. 01 p0146 A67-11281
- The non-radial structure of corona 5303 angstrom units following proton flares. 03 p0507 A67-13810
- Flares with IV-type bursts and the corona in the 11-year cycle. 03 p0507 A67-13811
- Forbush effects and the possibility of the interaction of magnetic bottles produced by solar flares. 03 p0507 A67-14003
- Proton flares and types of spot groups in the 11-year cycle. 05 p0883 A67-16808
- Effect of superposition of two excessive solar radiations in middle ionosphere. 09 p1561 A67-21842
- Reconnection of magnetic field of active regions by the interaction of their extensions in interplanetary space. 10 p1712 A67-23805
- On the possibility of the conjunction of the earth's magnetic field with a solar magnetic bottle. 12 p1893 A67-25134
- Parameters of Forbush effects and flares. 16 p2739 A67-31457
- Effects of systems of magnetic bottles from flares. 16 p2739 A67-31458
- Flares and the superposition of two ionospheric effects. 16 p2739 A67-31459
- KRIVTSOV, V. A.**
- Effect of a radial electrical field on the instability of an inhomogeneous plasma /Vlianie radial'nogo elektricheskogo polia na nestoichivost' neodnorodnoi plazmy/. 01 p0123 A67-10741
- Influence of a radial electric field on the instability of an inhomogeneous plasma. 13 p2166 A67-26770
- KRIVTSOVA, N. V.**
- Laminar boundary layer in a uniformly dissociated gas for arbitrary external velocity distribution /Laminarnyi pogranichnyi sloi v ravnovesno dissoziirovannom gaze pri proizvol'nom raspredelelenii vneshnei skorosti/. 03 p0401 A67-12875
- KRIZ, R. F.**
- Logistics in transition to life cycle economics in the 1970's. 23 p4085 A67-40587
- KRIZAN, J. E.**
- Relation of the plasma kinetic equation for the Darwin Hamiltonian to the relativistic Landau equation. 04 p0672 A67-15772
- KRLIN, L.**
- Contribution to the expression of particle movement in magnetic mirror systems in cyclic variables. 10 p1684 A67-22900
- The action-angle coordinates for particle motion in magnetic mirror systems. 10 p1684 A67-22901
- KROCHMAL, J. J.**
- 4000 deg F oxidation resistant thermal protection materials. [SAE PAPER 660659] 01 p0094 A67-10617
- KROCK, R. H.**
- Tension testing alumina whiskers. 10 p1669 A67-23326
- KROEGER, P. G.**
- Plated-tube heat exchanger - Analytical investigation of a new surface concept. 13 p2229 A67-27665
- KROEGER, R. A.**
- The streamline matching technique for V/STOL wind tunnel wall corrections. [AIAA PAPER 67-183] 07 p1163 A67-19439
- KROELL, W.**
- Negative characteristic and instability of the collision-dominated helium plasma column. 16 p2719 A67-31229
- Problems of the plasma in equilibrium. 19 p3285 A67-35345
- KROEMER, E. K. H.**
- Maximal static force versus stress measurements as criteria for establishing optimal work conditions. 23 p3954 A67-41598
- KROENER, E.**
- Elasticity theory of materials with long range cohesive forces. 22 p3908 A67-39288
- Elastic moduli of perfectly disordered composite materials. 24 p4248 A67-41956
- KROENKE, W. J.**
- Mechanical test for anisotropy - Failure of aluminoborosilicate glass fibers under combined loadings of tension and torsion. [ACS PAPER 1-G-65F] 01 p0103 A67-10263
- Anisotropic inorganic glass fibers. 21 p3648 A67-37880
- KROG, J.**
- Cumulative effects of venesection and lower body negative pressure. 10 p1599 A67-23813
- KROGMANN, U.**
- Dynamic behavior of an electric angle drive unit /repeater/ with allowance for certain nonlinearities /Dynamisches Verhalten einer elektrischen Winkeluebertragungseinheit /elektrische Welle/ unter Beruecksichtigung verschledener Nichtlinearitaeten/. 02 p0227 A67-12197
- Gyro stabilized platform - Its operating mode and stabilization /Die kreiselstabilisierte Plattform - Arbeitsweise und Stabilisierung/. 04 p0624 A67-15537
- KROHA, C. E., JR.**
- Protecting refractory metal at high temperature. 23 p4018 A67-40900
- KROHN, C. A.**
- Methods of design stage reliability analysis. 09 p1572 A67-22310
- KROHN, M.**
- Epitaxial conditions of evaporation-deposited Ag films /Ueber die Bedingungen der Epitaxie von Ag-Aufdampfschichten auf NaCl-Kristallen/. 02 p0286 A67-11710
- KROHS, A.**
- Problems relating the application of new photoelectronic components to the reception and demodulation of high-frequency modulated laser beams /Nagyfrekvenciasan modulalt lasersugarzas felfogasa es demodulasara hasznalt uj fotoelektronos eszkoalelemek/. 01 p0088 A67-10300
- KROITORU, S. G.**
- Energy band structure of crystals of groups IV, III-V, and II-VI and Mg sub 2 Si-type crystals /Energeticheskaya struktura zon kristallov grupp IV, III-V, II-VI i tipa Mg sub 2 Si/. 18 p3095 A67-33448
- KROKHIN, O. N.**
- Heating and scattering of a plasma produced by a giant laser pulse focused on a solid target /Nagrevanie i razlet plazmy, obrazulovshiesia pri vozdeistvii sfokussirovannogo gigantskogo impul'sa lazera na tverduio mishen'/. 03 p0486 A67-14194
- Evaporation and heating of a substance due to laser radiation. 05 p0819 A67-16852
- The theory of semiconductor lasers with consideration of saturation effects. 05 p0821 A67-16872
- Gas-dynamic processes in the heating of a substance by laser radiation
- /Gazodinamicheskie protsessy pri nagrevanii veshchestva izlucheniem lazera/. 05 p0927 A67-17008
- Formation of a long spark in air under the effect of weakly focused laser radiation /Obrazovanie dlinoi iskrv v vozdukhie pod vozdeistviem slabo sfokussirovannogo izlucheniia lazera/. 13 p2129 A67-27628
- Heating and decay of plasma produced by a giant laser pulse focused on a solid target. 14 p2360 A67-28539
- Vaporization of a substance under the action of laser radiation /Isiparenie veshchestva pod deistviem izlucheniia lazera/. 14 p2334 A67-29074
- Gasdynamic processes in heating of a substance by laser radiation. 18 p3160 A67-34270
- Formation of a long spark in air by weakly focused laser radiation. 21 p3642 A67-38824
- KROL, V. M.**
- Gas-dynamic processes in the heating of a substance by laser radiation /Gazodinamicheskie protsessy pri nagrevanii veshchestva izlucheniem lazera/. 05 p0927 A67-17008
- Gasdynamic processes in heating of a substance by laser radiation. 18 p3160 A67-34270
- KROLEVETS, K. M.**
- Four-cell position-sensitive photodiodes /Chetyrekhleментnye pozitsionno-chuvstvitel'nye fotodiody/. 18 p3009 A67-33470
- KROLEVETS, M. S.**
- Investigation of methods for solving the contact problem in the theory of elasticity /Issledovanie metodov resheniia kontaktnoi zadachi teorii uprugosti/. 05 p0923 A67-17180
- KROLKOWSKI, C.**
- Determination of the region of stable operation of a plasma-arc torch /Opredelenie oblasti ustoičivogo rezhima plazmennodugovoi gorelki/. 17 p2897 A67-32173
- Analysis and results of investigations of plasma arc torches stable operation. 19 p3281 A67-35150
- KROMER, P. F.**
- Low-temperature internal friction in silicon. 04 p0681 A67-15294
- KROMREY, R. V.**
- Effect of fluid dynamic phenomena on spontaneous pressure spikes in the Apollo SPS thrust chamber. [AIAA PAPER 67-513] 18 p3114 A67-33976
- KRON, P.**
- Miniaturized multichannel biotelemetry /Miniaturalni vicekanalova biotelemetrija/. 14 p2256 A67-28210
- KRONAST, B.**
- Evidence for a thermonuclear reaction in a delta-pinch plasma from the scattering of a ruby laser beam. 22 p3843 A67-39244
- KRONENBERG, R. S.**
- Treatment of altitude dysbarism with oxygen under high pressure - Report of three cases. 05 p0756 A67-18291
- The effects of acetazolamide on physiologic and subjective responses of men to 24 hours at 14,000 feet. 23 p3951 A67-41566
- KRONHOLM, M. B.**
- An evaluation of an integrated V/STOL display concept. 17 p2861 A67-33182
- KROPAC, O.**
- Computing methods and techniques in aircraft testing. II /Vypocetni metody a techniky pri zkouskach letadel. II/. 09 p1469 A67-22455
- Derivation of dimensionless parameters by methods of dimensional analysis /Sestaveni bezrozmernovykh parametru metodami rozmerove analyzy/. 15 p2518 A67-30078
- KROPACHEV, E. P.**
- Electromagnetic induction in a rotating sphere. 07 p1174 A67-19715
- Analytical representation of the geomagnetic field /Ob analiticheskom predstavlenii geomagnitnogo polia/. 14 p2309 A67-27948
- KROPACHEV, G. P.**
- Determination of similarity criteria for magnetohydrodynamic phenomena on the basis of dimensionality analysis /Opredelenie kriteriev podoblia magnitogidrodinamicheskikh iavlenii na osnovanii analiza razmerovostel/. 21 p3665 A67-38248
- KROPOTKIN, A. P.**
- "confluence" of electromagnetic waves in a cold magnetoactive

- plasma. 05 p0766 A67-17230
Wave-wave scattering of quasi-longitudinal waves in magnetoactive plasmas with different electron and ion temperatures. 08 p1365 A67-21413
- KROSCHYNSKI, J.**
Efficiency of attenuation of moving clutter. 23 p3972 A67-40642
- KROTOKOV, V. D.**
Results of measurements of the radio emission of the moon at the wavelengths 7.93, 11.0, 14.2, and 20.8 cm /Rezultaty izmerenii radioizlucheniia luny na volnakh 7.93, 11.0, 14.2 i 20.8 cm/. 02 p0322 A67-11581
Measurement of lunar radio emission in the 30-to 60-cm range /Izmerenie radioizlucheniia luny v diapazone 30-60 cm/. 15 p2552 A67-29148
Polarization characteristics of the radio emission from a moon with a rough surface with allowance for the averaging effect of the antenna radiation pattern /Polarizatsionnye kharakteristiki radioizlucheniia sherokhovatoi luny pri uchete usrednialushchego deistviia diagrammy napravlenosti anteny/. 16 p2628 A67-31495
Measurement of radio emission from the moon in the 30-60 cm band. 24 p4239 A67-43071
- KROTO, H. W.**
The super 1 pi sub u - super 1 delta sub g electronic spectrum of NCN. 13 p2177 A67-26988
- KROTOV, V. F.**
Sufficient conditions of optimality for discrete controlled systems /Dostatochnye uslovia optimal'nosti dlia diskretnykh upravlaemykh sistem/. 07 p1162 A67-20023
- KROUPA, F.**
Dislocation theory of slip geometry and temperature dependence of flow stress in B.C.C. metals. 07 p1209 A67-19641
- KROUPA, V.**
Direct digital measurement of audio frequencies. 05 p0865 A67-16944
- KROUTIL, J. C.**
Mass flux and impact pressure probes for use in arcjet exhausts. 17 p2861 A67-33029
- KROY, W. H.**
Divergence of minimum impulse attitude control system under external torque. 16 p2762 A67-31640
- KRSEK, J.**
Tuning of gas-laser resonators /Justaz rezonatoru plynovykh laseru/. 07 p1195 A67-19505
Adjustment of gas laser resonators /Justaz rezonatoru plynovykh laseru/. 09 p1512 A67-21985
- KRUCHINENKO, V. G.**
Deceleration of meteor bodies /O tormozhenii meteornykh tel/. 13 p2196 A67-26499
- KRUECKEBERG, F.**
Numerical integration and error assessment for ordinary differential equations /Zur numerischen Integration und Fehlerrechnung bei gewoehnlichen Differentialgleichungen/. 15 p2512 A67-30053
- KRUEGER, A.**
Flares with IV-type bursts and the corona in the 11-year cycle. 03 p0507 A67-13811
Investigation of solar radio bursts in the frequency range 536-2000 Mc/s. 12 p1993 A67-25132
The present state of absolute solar flux density spectra in the cm-and dm-region. 14 p2385 A67-28441
- KRUEGER, A. F.**
Study of the transient radiation response of thin film field effect transistors. 04 p0589 A67-15717
- KRUEGER, D. A.**
The electronic checkout and integration of Orbiting Geophysical Observatory experiments. 16 p2654 A67-30639
- KRUEGER, H. W.**
Surveyor TV power conditioning. 22 p3807 A67-40374
- KRUEGER, M. W.**
Spacecraft and engineering aspects of AES lunar orbital missions. 06 p1412 A67-21077
- KRUEILE, G.**
Studies of continuously operating axisymmetric plasma engines with electromagnetic acceleration /Untersuchungen an kontinuierlich arbeitenden, achsensymmetrischen Plasmatriebwerken mit elektromagnetischer Beschleunigung/. 04 p0687 A67-14559
- KRUELLE, G.**
Studies of continuously operating axisymmetric plasma engines with electromagnetic acceleration /Untersuchungen an kontinuierlich arbeitenden, achsensymmetrischen Plasmatriebwerken mit elektromagnetischer Beschleunigung/. 07 p1240 A67-19569
Investigations on plasma thrusters with thermal and self-magnetic acceleration. 08 p1375 A67-20574
Operation of a model thruster designed for hybrid flow studies. 19 p3297 A67-35601
Characteristics and local analysis of MPD thruster operation. [AIAA PAPER 67-672] 21 p3691 A67-38705
- KRUGER, C. H.**
Electron-transport coefficients for two-temperature plasmas. 12 p1973 A67-25397
Examination of the validity of the Saha equation in a gas discharge. 16 p2710 A67-30518
Microwave measurement of the electron density in an expanding flow. [AIAA PAPER 67-704] 21 p3672 A67-38731
- KRUGER, S. T.**
Natural tritium. 04 p0613 A67-14855
- KRUGLIAKOV, E. P.**
The possibility of temperature and density measurements in nonstationary plasmas by means of optical interferometry. 12 p1976 A67-26073
- KRUGLIKOV, V. V.**
Statistical investigation of standard-model-reference adaptive systems /K voprosu o statisticheskoi issledovani samonastroyivshchiesia sistemy /SNS/ s etalonnoi model'iu/. 23 p3985 A67-41675
- KRUGLOV, I. P.**
Theory of static characteristics of four-layer p super plus -n-nu-n super plus diode structures /K teorii staticheskikh kharakteristik chetyrekhslonnykh p super plus -n-nu-n super plus -diodnykh struktur/. 08 p1303 A67-21054
- KRUGLOVA, G. S.**
Preparation of single crystals of semiconducting phases in the Zn-Sb system. 14 p2372 A67-28828
- KRUH, R. K.**
Reinvestigation of the structures of ethanol and methanol at room temperature. 20 p3378 A67-37560
- KRUMELIS, V. A.**
Interpretation of urban and industrial structures /Deshifirovanie gorodskoi i promyshlennoi zastroi/. 02 p0240 A67-11533
- KRUMIN, I. U. K.**
Effect of the finite length of a conducting body on the ponderomotive forces acting on a traveling magnetic field /Vliianie konechnosti dliny provodiaschego tela na ponderomotornye sily, deistvushchie v begushchem magnitnom pole/. 04 p0670 A67-15526
- KRUMINS, M. V.**
A ballistics range study of aerodynamic characteristics of Mars probe/lander shapes. [AIAA PAPER 67-167] 06 p0941 A67-18482
Drag and stability of Mars probe/lander shapes. [AIAA PAPER 67-167] 19 p3169 A67-34816
Aerodynamic characteristics of hypersonic wakes. [AIAA PAPER 66-53] 19 p3171 A67-35741
- KRUMM, C. F.**
Quantum detectors. 09 p1515 A67-22277
- KRUMME, J. B.**
Photoconductivity oscillations in semiconducting diamonds. 23 p4044 A67-41454
- KRUMME, J.-P.**
Anodic behavior of GaAs single crystals at increased current densities in alkaline and acidic solutions. 11 p1848 A67-24743
- KRUPINA, T. N.**
Some problems in the selection of research astronauts /Nekotorye problemy otbora kosmonavtov issledovatelei/. 13 p2062 A67-26763
- KRUPITSKAIA, T. M.**
Theory of meteorological effects in the meson component of cosmic rays, taking into account elementary-event data /Teoriia meteorologicheskikh effektiv v mezonnoi komponente kosmicheskikh luchei s uchedom dannykh ob elementarnom akte/. 17 p2934 A67-32104
- KRUPITSKII, E. I.**
The synthesis of a continuous linear antenna by the stationary-phase method. 03 p0378 A67-13284
- KRUPNIK, L. I.**
Investigation of fast ions produced in the interaction between escaping electrons and a plasma /Doshidzheniia shvdkikh ionov, iaki vnikaliu' pri vzaemodii tikalchikh elektroniv z plazmotu/. 13 p2164 A67-26402
Structure of plasmoids /Struktura plazmennykh sgustkov/. 15 p2526 A67-29256
Active corpuscular plasma diagnostics /Aktivnaia korpuskularnaia diagnostika plazmy/. 15 p2526 A67-29257
Application of a variable-field Thomson mass spectrograph to the time resolution of spectra /Ispol'zovanie peremennogo elektricheskogo polia v masspektrografe Tomsona dlia razresheniia spektrov vo vremeni/. 15 p2526 A67-29258
Structure of plasmoids /Struktura plazmennykh sgustkov/. 19 p3288 A67-35362
- KRUPOVAGE, D. J.**
Wind-tunnel and full-scale forces on rocket sleds. 22 p3780 A67-40095
- KRUPP, R. S.**
Viscous nonequilibrium blunt-body flow. 05 p0750 A67-17335
- KRUS, D. J.**
Further considerations on the model for the CdS solar cell. 23 p4046 A67-41486
- KRUSH, I. I.**
Relaxation function of elasto-hereditary materials in the presence of simple flow /O funktsii relaksatsii uprugonastleystvennykh materialov pri nalichii prostogo techeniia/. 06 p1107 A67-18637
- KRUSHINSKII, A. N.**
Investigation of the conditions of the formation of hard alloys with an uneven distribution of the carbide phase. 07 p1208 A67-19305
- KRUSZEWSKA, O.**
Investigations by the tagged-atom method of the process of technological purification of germanium tetrachloride to the semiconductor-level of purity /Badania metoda atomow znaczonego procesu technologicznego oczyszczania czterochlorku germanu do polprzewodnikowego stopnia czystosci/. 18 p3104 A67-34600
- KRUSZEWSKI, E. T.**
Implications of the meteoroid environment on the design of spacecraft. 10 p1713 A67-23700
- KRUTENIUK, E. G.**
Effect of crystallization and of the Se surface state on the formation of p-n contacts in Se-CdSe and Se-CdS /Vliianie kristallizatsii i sostoiianiia poverkhnosti Se na formirovanie p-n-kontaktov Se-CdSe i Se-CdS/. 02 p0287 A67-11849
- KRUTKO, P. D.**
Relation between dynamic programming and Liapunov functions in analytical design problems for pulsed controllers /Sviaz' dinamicheskogo programmirovaniia s funktsiiami Liapunova v zadachakh analiticheskogo konstruirovaniia impulsnykh regulatorov/. 11 p1770 A67-24210
Analytic design of optimal digital regulators. 20 p3408 A67-37046
- KRUTOV, V. V.**
The X-ray photographs and the spectrum of the sun in the region 9.5-200 angstrom units. 10 p1707 A67-23225
Image and spectrum of the sun in the region from 9.5 to 200 angstrom units /Izobrazhenie i spektr solntsa v oblasti 9.5-200 angstrom units/. 13 p2200 A67-27334
- KRUTOVA, I. N.**
Basic properties and some dynamics problems of adaptive model reference systems. 07 p1160 A67-19198
- KRUYSER, K.**
Measurements of noise in sensitized GaAs. 19 p3307 A67-35733
- KRUZHALOV, S. V.**
Study of a laser based on neodymium-activated glass with external feedback /Issledovanie opticheskogo kvantovogo generatora na stekle aktivirovannom neodimom s vneshnei obratnoi sviaz'iu/. 06 p1012 A67-18782
Obtaining a traveling-wave regime in a complex optical resonator /K voprosu o poluchenii rezhima begushchego volny v slozhenom opticheskoi rezonatore/. 07 p1196 A67-19600
Investigation of a neodymium-glass laser with external feedback. 18 p3059 A67-33724
Traveling wave operation in a complex optical resonator. 20 p3462 A67-37339

KRUZHILIN, I. I.

- Laser generator of ordered pulse sequences. 01 p0087 A67-10161
Polarization of the radiation emitted by a neodymium-glass laser. 15 p2499 A67-29758
- KRUZHKOVA, S. N.
An a priori estimate for a derivative solution of a parabolic equation and some of its applications /A priori na otsenka dlia proizvodnoi reshenia parabolicheskogo uravnenia i nekotorye ee primeneniia/. 01 p0106 A67-10901
- KRYLOV, B. S.
The influence of hydrogen on the mechanical properties of the VT15 alloy and the mechanism of hydrogen embrittlement /Vlianie vodoroda na mekhanicheskie svoystva splava VT15 i o mekhanizme vodородnogo okhrupchivaniia/. 20 p3468 A67-37176
- KRYLOV, G. N.
Attenuation factor for a vertical antenna /Mnozhitel' oslablenia dlia vertikal'noi anteny/. 21 p3590 A67-38118
The influence of the finite conductivity of the earth on the directivity patterns of vertical antennas /Vlianie konechnoi provodimosti zemli na diagrammy napravlenosti vertikal'nykh anten/. 21 p3590 A67-38119
Determination of optimal path parameters by processing experimentally recorded pulsed signals /Opredelenie optimal'nykh parametrov trass na osnovanii obrabotki eksperimental'no zaregistrirovannykh impul'snykh signalov/. 21 p3580 A67-38120
- KRYLOV, I. A.
Motion of artificial satellites in the earth's gravitational field /Dvizhenie iskusstvennykh sputnikov v gravitatsionnom pole zemli/. 23 p4063 A67-40734
- KRYLOV, I. P.
Radio frequency size effect at a reference point in indium /Radiochastotnyi razmernyi effekt na opornoi toчке v indii/. 01 p0133 A67-10742
Radio frequency size effect at the limiting point in indium. 13 p2176 A67-28771
- KRYLOV, I. U. K.
Variations in the distribution of laser radiation flux /Izmeneniia raspredelenia potoka izlucheniia kvantovogo generatara/. 03 p0439 A67-14280
- KRYLOV, I. U. V.
The problem of normalizing noise produced by life-support systems in spaceship cabins during prolonged flights /K probleme normirovaniia shumov v kabinakh kosmicheskikh korablei pri dlitel'nykh poletakh/. 16 p2617 A67-30762
- KRYLOV, K. I.
Investigation of laser action in ruby and neodymium glass in the case of axicon pumping /Issledovanie generatsii v rubine i neodimovom stekle pri aksikonnoi nakachke/. 16 p2684 A67-30460
- KRYLOV, N. V.
First boundary-value problem for second-order elliptic equations /O pervoi kraevoi zadache dlia ellipticheskikh uravnenii vtorogo poriadka/. 13 p2144 A67-26378
- KRYLOV, S. M.
Polarization of pearl-type pulsations /O polarizatsii kolebanii tipa "zhemchuzhina"/. 16 p2667 A67-31485
Certain characteristics of the electromagnetic resonances of the earth-ionosphere cavity /Nekotorye kharakteristiki elektromagnitnykh rezonansov polosti zemli-ionosfera/. 17 p2847 A67-32942
- KRYLOV, V. V.
Waveguide technique for measuring the electrical characteristics of a plasma produced behind the shock wave front /Volnovodnyi metod izmereniia elektricheskikh kharakteristik plazmy, poluchaemoi za frontom udarnoi volny/. 07 p1227 A67-19118
Microwave measurements of the electron density and effective collision frequency in argon ionized by a shock wave /Mikrovolnovoe izmerenie plotnosti elektronov i effektivnoi chastoty soudarenii v argone, ionizirovannom udarnoi volnoi/. 11 p1775 A67-24017
A method for local measurement of the SHF electromagnetic field during observation of the properties of plasma /Metod lokal'nogo izmereniia elektromagnitnogo polia S.V.Ch. pri issledovanii svoystv

- plazmy/. 15 p2485 A67-29124
Electrophysical properties of argon ionized by a shock wave in a constant magnetic field /Elektrofizicheskie svoystva argona, ionizirovannogo udarnoi volnoi, v postoiannom magnitnom pole/. 18 p3087 A67-34045
Waveguide method of measuring the electrical characteristics of the plasma created behind the front of a shock wave. 21 p3664 A67-38163
- KRYLOVA, A. R.
Properties of standard high-temperature austenitic steels and alloys during prolonged testing /Svoystva standartnykh zharostoiikh austenitnykh stali i splavov pri dlitel'nykh ispytaniakh/. 22 p3819 A67-39322
- KRYLOVICH, V. I.
Some problems on heat transfer in plasma jet generators. 04 p0672 A67-15871
- KRYLOW, J.
Effect of dislocation on the electric properties of germanium II /Wplyw dyslokacji na wlasnosci elektryczne germanu II/. 04 p0677 A67-14938
- KRYMSKII, G. F.
Relation between Forbush effects and solar flares. 02 p0311 A67-12592
Distribution of cosmic rays and the reception vectors of the detector. I /Raspredelenie kosmicheskikh luchei i priemnye vektory detektorov. I/. 05 p0884 A67-17121
Cosmic-ray distribution and receiving vectors of detectors. II /Raspredelenie kosmicheskikh luchei i priemnye vektory detektorov. II/. 10 p1698 A67-22778
Cosmic-ray distribution and the acceptance vectors of detectors. I. 21 p3898 A67-38464
Cosmic-ray distribution and the reception vectors of detectors. III /Raspredelenie kosmicheskikh luchei i priemnye vektory detektorov. III/. 21 p3899 A67-39018
Twenty-seven-day cosmic-ray variations /27-Dnevnye variatsii kosmicheskikh luchei/. 23 p4056 A67-41108
Principal characteristics of the Forbush-decreases during periods of minimum solar activity /Osnovnye kharakteristiki Forbush-spadoy v period minimuma solnechnoi aktivnosti/. 23 p4057 A67-41118
Sidereal diurnal variations caused by the modulation of cosmic rays /Zvezdno-sutochnye variatsii, obuslovlennye modulatsiei kosmicheskikh luchei/. 23 p4059 A67-41129
Identification of the true fluctuations of diurnal variations /K vydeleniiu istinnnykh fluktuatsii sutochnoi variatsii/. 23 p4059 A67-41131
Use of matrices in the investigation of the distribution of cosmic rays /Ispol'zovanie matrits pri issledovanii raspredelenia kosmicheskikh luchei/. 23 p4059 A67-41134
Cosmic-ray distribution and the acceptance vectors of detectors. II. 24 p4209 A67-42114
- KRYNETSKII, I. B.
A traveling-wave maser amplifier using chromium-doped rutile and placed in a magnet with superconducting coils. 05 p0825 A67-17161
- KRYSIAK, W.
Airline aircraft selection /Dobor samolotu dlia linii lotniczej/. 22 p3922 A67-39537
- KRYSKO, A. A.
The spectrophotometric measurements of the moon in the 1900-2750 angstrom units range from the Zond 3 automatic space probe. 18 p3122 A67-34140
- KRYSKO, V. A.
Problems in using the Vlasov method for solving equations of the method of successive loadings in the case of flexible plates and shells /Voprosy primeneniia metoda V. Z. Vlasova k resheniiu uravnenii metoda posledovatel'nykh nagruzhenii dlia gibkikh plastinok i obolochek/. 12 p2020 A67-25570
- KRYTER, K. D.
A field experiment on human response to aircraft noise. 09 p1456 A67-21940
Acceptability of aircraft noise. 13 p2053 A67-26537
- KRYZE, J.
Numerical solution of the Wiener-Hopf equation in the statistical identification of a linear dynamic plant /Numericke reseni Wienerovy-Hopfovy rovnice pri statistieke identifikaci linearni dynamicke soustavy/. 04 p0644 A67-14903

KRYZHANOVSKII, A. A.

- Space phototriangulation over large areas with cameras oriented by stars. 06 p0984 A67-17716
- KRYZHANOVSKII, I. I.
Method of determining the optimum frame frequency and exposure coefficient of high-speed cameras /Metod opredeleniia optimal'noi chastoty s'emki i koeffitsienta eksponirovaniia vysokoskorostnykh kamer/. 01 p0067 A67-10831
- KRZYWICKI, A.
On a new finite-difference scheme for the nonstationary Navier-Stokes equations. 20 p3423 A67-37213
- KRZYWOBLOCKI, M. Z. V.
Inverse optimization in reentry. 02 p0333 A67-12347
Gravitational waves. 19 p3262 A67-35708
Gravitational effects on the thermal instability. [ASME PAPER 67-HT-22] 20 p3546 A67-36717
- KSANFOMALITI, L. B.
Electronic devices for photometry and polarimetry /Elektronnye pribory dlia fotometrii i polarimetrii/. 05 p0805 A67-16336
- KSENOFONTOVA, T. B.
Combined effect of plastic deformation and aging on the structure and properties of the titanium alloy TC8 /Sovmestnoe vlianie plasticheskoi deformatsii i starenia na strukturu i svoystva titanovogo splava TC8/. 04 p0640 A67-15976
- KSIENSKI, A. A.
Space-time correlation theory for information-carrying signals. 09 p1461 A67-21603
Radar signal processing for angular resolution beyond the Rayleigh limit. 23 p3972 A67-40643
- KSYNKIN, I. U. F.
Determination of the initial conditions for the excitation of lower harmonic oscillations /Opredelenie nachal'nykh uslovii vzbuzhdeniia nizshikh garmonicheskikh kolebanii/. 24 p4189 A67-42418
- KU, P. M.
Compressive and tensile properties of molybdenum disulfide. 16 p2695 A67-31753
Effects of lubricants, metals, temperature, and atmospheric environments on gear load-carrying capacity. [ASME PAPER 67-LUB-27] 24 p4164 A67-42685
- KU, Y. H.
Comparison of variances evaluated by Kolmogorov's and Volterra's techniques. 01 p0044 A67-10480
Laplace function of a high-order system. 03 p0392 A67-13682
Stability of control systems with multiple nonlinearities and multiple inputs. 06 p0973 A67-17601
- KUBASOV, V. N.
Interplanetary trajectory correction by using radial heliocentric velocity pulses /Korrekttsiia mezhplanetnykh traektorii s pomoshch'iu impul'sov radial'noi gellotsentricheskoi skorosti/. 02 p0321 A67-11538
Correction of interplanetary trajectories with the help of radial heliocentric velocity impulses. 16 p2752 A67-31804
- KUBASOV, V. V.
Possibility of improving the accuracy of some astronomical parameters of the earth-moon system by the optical location method /O vozmozhnosti utocneniia nekotorykh astronomicheskikh parametrov sistemy zemlia-luna metodom opticheskoi lokatsii/. 13 p2200 A67-27327
- KUBELIK, I.
Electric and thermoelectric effects in a solid solution of Zn sub x Cd sub 1 sub -x Sb. 15 p2540 A67-30029
- KUBENKO, V. D.
Dynamic stress concentration around a square hole in the presence of steady wave motions /Dinamicheskaia kontsentratsiia napriazhenii okolo kvadratnogo otverstia pri ustanovivshis'ia volnovykh dvizheniiakh/. 06 p1109 A67-18665
Dynamic concentration of stresses near an elliptical hole /Dinamichna kontsentratsiia napruzhenn' billa eliptichnogo otvora/. 11 p1870 A67-23897
Dynamic two-dimensional problem of the moment theory of elasticity and viscoelasticity /Dinamicheskaia ploskaia zadacha momentnoi teorii uprugosti I

- vlyazkouprugosti/. 11 p1879 A67-24883
- KUBES, J.**
In-flight measurement of the temperature field of the M701 engine /Mereni teplotního pole motoru M 701 za letu/. 09 p1560 A67-22463
- KUBICA, A.**
A glass substrate for microcircuits /Podloze szklane do mikroukladow/. 23 p4043 A67-41366
- KUBICEK, W. G.**
Development and evaluation of an impedance cardiac output system. 05 p0755 A67-16278
- KUBISZ, A.**
Contact region of a hard ball rolling on a viscoelastic plate. [ASME PAPER 67-LUB-25] 24 p4176 A67-42683
- KUBO, H.**
Experiment on microwave absorption by magnetoplasma. 03 p0476 A67-13357
Resonance phenomena in a bounded magneto-plasma. 20 p3503 A67-37671
- KUBO, R.**
Dynamical Processes in Solid State Optics, Tokyo Summer Lectures in Theoretical Physics, Oslo, Japan, August 29-September 3, 1966. Part 1. 23 p4037 A67-40756
- KUBO, S.**
Effects of aluminum electrode and hydrogen gas during heat treatments on MOS structure. 01 p0137 A67-11069
Effects of preoxidation treatment on MOS transistor characteristics. 09 p1552 A67-21768
MOS transistor digital switch and its integration. 12 p1918 A67-26218
- KUBO, U.**
Investigation of the validity of the probe technique of plasma diagnostics in a magnetic field with a microwave interferometer. 05 p0851 A67-16521
Rate-equational approach to gas discharge modulation in a He-Ne laser. 07 p1195 A67-19492
Noise and modulation of He-Ne laser. 18 p3058 A67-33648
- KUBOTA, H.**
Aerodynamic study of stagnation ablation. 20 p3356 A67-36509
- KUBOTA, K.**
Three-wave optical-mixing effects in wedge-shaped cells. 23 p4017 A67-41433
- KUBOTA, T.**
Stanton tube calibration in a laminar boundary layer at Mach 6. 04 p0547 A67-14849
Experimental investigation of supersonic laminar, two-dimensional boundary layer separation in a compression corner with and without cooling. 06 p0940 A67-18361
A second-order weak interaction expansion for moderately hypersonic flow past a flat plate. 21 p3566 A67-38892
- KUBY, G. H.**
Interaction of surface chemistry and mass transfer in nonsimilar boundary-layer flows. 08 p1320 A67-20570
- KUBY, W.**
Symmetrical, equilibrium flow past a blunt body at superorbital re-entry speeds. 10 p1591 A67-23109
- KUBY, W. C.**
The prediction of large rocket nozzle material performance using a semi-empirical technique. 15 p2547 A67-29993
- KUBYSHKIN, V. V.**
The distribution of solar-tropospheric disturbances over the earth's surface. 01 p0061 A67-11280
- KUCERA, H. L.**
Aircraft/satellite communication relay. 02 p0205 A67-12306
- KUCHANOV, S. I.**
Motion of particles suspended in a turbulent flow /Dvizhenie chastits, vzveshennykh v turbulentnom potoke/. 18 p3025 A67-33626
Energy dissipation in a turbulent gas containing suspended particles /Dissipatsia energii v turbulentnom gaze, soderzhashchem vzveshennye chastitsy/. 18 p3028 A67-34385
Transverse diffusion and heat conductivity in a granular layer /Poperechnaya diffuziya i teploprovodnost' v zernistom sloe/. 20 p3554 A67-37054
- KUCHER, N. P.**
Determination of the stress field during cutting and during die cutting and punching /Postroenie polia napriazhenii pri rezke i
- vyrezke-probiyke v shtampakh/. 21 p3632 A67-38060
- KUCHER, T. I.**
Microcalculation of the dielectric constant in a germanium crystal /Mikroraschet dielektricheskoi postolannoi v kristalle germanila/. 10 p1895 A67-23657
Microscopic model for the calculation of the permittivity of a germanium crystal. 17 p2924 A67-33338
- KUCHERENKO, E. T.**
Reflex discharge in a weak magnetic field. 20 p3498 A67-36686
- KUCHERENKO, I. V.**
Effect of uniaxial compression on the jump conductivity of p-type silicon /Vlianie odnoosnogo szhatia na pryzhkovulu provodimost' v p-Si/. 04 p0679 A67-15145
Influence of uniaxial compression on hopping conduction in p-type Si. 12 p1979 A67-25168
- KUCHERENKO, L. M.**
Formulas for determining the stresses on the surface of an elastic body, taking into account geometrical nonlinearity /Formuly dlia opredelenia napriazhenii na poverkhnosti uprugogo tela s uchetom geometricheskoi nelineinosti/. 07 p1261 A67-19218
- KUCHERIAYVI, V. A.**
Grips for mechanical tests in vacuum over a wide temperature range. 11 p1877 A67-24819
- KUCHEROV, L. V.**
Calculation of the field strength of ultra-short radio waves in the presence of superrefraction. 03 p0368 A67-13280
- KUCHIKIAN, L. M.**
Rectangular light guides for logic elements employing injection-type semiconductor lasers /Priamougol'nye svetovody dlia logicheskikh elementov na inzhetsionnykh poluprovodnikovnykh lazerakh/. 16 p2684 A67-30461
- KUCHIS, E. V.**
Influence of distributed parameters on the magnitude of the Hall voltage in high resistivity semiconductors /Vlianie raspredelennykh parametrov na velichinu napriazhenia Kholla v vysokoomnykh poluprovodnikakh/. 20 p3513 A67-37452
- KUCHOWICZ, B.**
Can meteors consist of antimatter/ques/ /Czy meteory moga skladac sie z antymaterii/ques//. 04 p0698 A67-14940
- KUCHTA, J. M.**
Thermal oxidation of n-octane vapour-oxygen-nitrogen mixtures at reduced pressures. 16 p2779 A67-31518
- KUCIREK, J.**
Problem of measuring the thickness and optical constant of thin films /Zum Problem der Messung der dicke und der optischen Konstanten duenner Schichten/. 02 p0288 A67-11721
- KUCK, G. A.**
Electron contamination of Van Allen belt proton measurements. 11 p1856 A67-24014
- KUCKES, A. F.**
Interchange instability in a hot-electron plasma. 05 p0858 A67-17431
Excitation of electrostatic ion cyclotron oscillations. 05 p0859 A67-17435
Excitation of electrostatic oscillations near the ion cyclotron frequency. 11 p1837 A67-24397
Electron cyclotron resonance heating of alkali plasmas. 11 p1838 A67-24407
- KUCZYNSKI, G. C.**
Sintering of crystalline oxides. 01 p0096 A67-10693
- KUDAKABA, K.**
X-ray analysis of strain and crystallite size in tungsten carbide compressed at high pressure. 11 p1809 A67-24949
- KUDELIN, G. M.**
Setup for multifrequency ionospheric probing /Ustanovka dlia mnogochastotnogo zondirovaniia ionosfery/. 14 p2315 A67-27949
- KUDELIN, K. M.**
Large-current thermal operating conditions of transistors. 01 p0038 A67-10720
- KUDENKO, I. A.**
Some peculiarities of nuclear magnetic resonance in ferromagnets. 16 p2686 A67-31731
- KUDIN, V. D.**
Measuring the specific resistance of plates and epitaxial layers by the opposing probe method. 11 p1792 A67-24813
- KUDINOV, A. N.**
Experimental study of the stability of shells during the combined action of axial compression and internal pressure under conditions of heating /Eksperimental'noe issledovanie ustoičivosti obolochek pri sovmestnom deistvii oseвого szhatia i vnutrennego davlenia v usloviakh nagreva/. 05 p0913 A67-16192
- KUDINOVA, G. N.**
The spectrum of the earth's heat radiation according to the observation from the Cosmos 45, Cosmos 65 and Cosmos 92 satellites. 10 p1637 A67-23194
- KUDO, S.**
Double sunspot-cycle variation in cosmic ray diurnal variation. 22 p3874 A67-40046
- KUDREVATOVA, O. V.**
Multiple-photon ionization of atoms and molecules in a strong electromagnetic wave field. 19 p3265 A67-35164
- KUDREWICZ, J.**
Onset of periodic oscillations in nonlinear systems /Powstawanie drgan okresowych w układach nieliniowych/. 05 p0785 A67-17267
- KUDRIASHEV, L. I.**
Application of variational methods to a study of the temperature regime of the active media of pulsed lasers /Primenenie variatsionnykh metodov k issledovaniiu temperaturnogo rezhima aktivnykh tel impul'snykh opticheskikh kvantovykh generatorov/. 05 p0825 A67-16935
Observation of the processes of unsteady heat conduction and complex heat transfer by electrical simulation methods and an evaluation of the errors /Issledovanie protsessov nestatsionarnoi teploprovodnosti i slozhnogo teploobmena metodami elektromodelirovaniia i otsenka pogreshnostei/. 17 p2973 A67-33082
- KUDRIASHEVA, N. L.**
Application of variational methods to a study of the temperature regime of the active media of pulsed lasers /Primenenie variatsionnykh metodov k issledovaniiu temperaturnogo rezhima aktivnykh tel impul'snykh opticheskikh kvantovykh generatorov/. 05 p0825 A67-16935
- KUDRIASHOV, B. IA.**
Experimental installation and method of performing experiments to determine the fatigue resistance of lines in aviation hydraulic systems /Eksperimental'naiia ustanovka i metodika provedeniia opytov po opredeleniiu predelov ustalosti soedinenii truboprovodov aviatsionnykh gidrosistem/. 02 p0231 A67-12447
Investigation of the effect of internal pressure of the fluid and inaccuracies in installation on the fatigue resistance of line connections for aircraft hydraulic and gas systems /Issledovanie vlianiia vnutrennego davlenia zhidkosti i montazhnykh netochnostei na ustalostnuu prochnost' soedinenii truboprovodov gidrogazovykh sistem samoletov/. 02 p0184 A67-12448
- KUDRIASHOV, V. G.**
Effect of the structure of beta-titanium alloy on its crack propagation resistance /Vlianie struktury na soprotivlenie rasprostraneniia treshchiny beta-titanovogo splava/. 04 p0641 A67-15985
Effect of structure on the resistance of a beta-titanium alloy to crack propagation. 14 p2338 A67-28488
- KUDRIASHOVA, L. A.**
Unsteady flow of an electrically conducting gas in crossed electric and magnetic fields /Nestatsionarnoe techenie elektroprovodnogo gaza v skreshchennykh elektricheskoi i magnitnoi polakh/. 16 p2706 A67-30451
- KUDRIAVTSEV, A. V.**
Effect of fuel evaporation on self-ignition delay of two-component systems /Vlianie ispareniiia topliva na velichinu zaderzhki samovosplameniia dvukhfaznykh smesel/. 08 p1428 A67-21425
- KUDRIAVTSEV, P. I.**
The determination of the effect of stress concentration on the fatigue strength of mechanically heterogeneous welds. 04 p0636 A67-14600
- KUDRIAVTSEV, V. V.**
Experimental investigation of convective heat transfer and fluid friction in the motion of a viscous fluid with large Reynolds numbers. 04 p0603 A67-14717
- KUDRIAVTSEV, Y. V.**
Unsteady State Heat

- Transfer. 06 p1111 A67-17661
- KUDRIAVTSEVA, A. G.**
Transmittance by illuminated silicon in the long-wave infrared part of the spectrum /Propuskanie prosvetlennogo kremnitsa v dlinnovolnovoi infrakrasnoi oblasti spektra/. 03 p0488 A67-12891
- Transmittance of antireflection-coated silicon in the far infrared. 06 p1054 A67-18769
- KUDRIK, P. I.**
Application of p , q -analytical functions to infinitesimal deflections of convex surfaces /Pro zastosuvannia p , q -analitichnikh funktsii do neskinchenno malikh zginan' opuklikh poverkhon'/. 21 p3715 A67-37903
- KUDRIN, V. D.**
Mathematical theory of zone leveling /Matematicheskaya teoriya zonnogo vypravleniya/. 01 p0127 A67-10074
- KUDRINA, V. N.**
Modification of the method of similar iterations for a system of integral equations in problems of structural mechanics /Modifikatsiya metoda podobnoi iteratsii dlia sistemy integral'nykh uravnenii v zadachakh stroitel'noi mekhaniki/. 03 p0461 A67-14079
- KUDZIN, A. I.**
Peculiarities of polarization of barium titanate single crystals with a double hysteresis loop. 03 p0497 A67-13700
- KUEBER, B.**
Practice of gas envelope welding of aluminum in container construction, especially in the low temperature technique /Aus der Praxis des Schutzgasschweißens von Aluminium im Behälterbau, insbesondere in der Tieftemperaturtechnik/. 24 p4159 A67-41839
- KUEBLER, A. A.**
Color schlieren studies of transient flows with high speed motion picture photography. 20 p3445 A67-36537
- KUEBLER, N. A.**
Metallic conductivity and superconductivity in some silver clathrate salts. 01 p0135 A67-10917
- KUECHEMANN, D.**
Inviscid shear flow near the trailing edge of an aerofoil. 23 p3928 A67-41245
- KUEHL, D.**
Properties of pyrolytically produced boron fibers. 06 p1016 A67-17903
- Amorphous boron fibers. 08 p1343 A67-21313
- KUEHL, H. H.**
Excitation of a warm plasma by an electric dipole. 03 p0475 A67-13173
- Computations of the resistance of a short antenna in a warm plasma. 07 p1151 A67-19445
- Coupling of transverse and longitudinal waves below the second electron cyclotron harmonic. 09 p1548 A67-22383
- Excitation of waves in waveguides partially filled with warm plasma in infinite magnetostatic fields. 19 p3290 A67-35379
- KUEHN, G. D.**
14CO sub 2 fixation, glutamate labeling, and the Krebs cycle in ribose-grown *Hydrogenomonas facilis*. 20 p3370 A67-36796
- KUEHN, R.**
Display requirements assessment for command and control systems. 03 p0365 A67-13300
- KUEHN, R. E.**
Reliability through packaging design. 05 p0779 A67-17467
- KUEHNE, F.**
Negative-feedback modulation of frequency-modulated signals. I /Gegenkopplungsmodulation von frequenzmodulierten Signalen. I/. 19 p3183 A67-35562
- KUEHNE, F. J.**
The use of a simplified neutron activation technique for analyzing metallic wear from aircraft hydraulic systems. 02 p0249 A67-12221
- KUEHNEGGER, W.**
Man's lunar extra vehicular capabilities. 02 p0189 A67-12393
- Work physiological elements in the analysis of the work potential of man. 23 p3959 A67-41662
- KUENEMUND, F.**
Radio relay lines /Richtfunklinien/. 07 p1141 A67-19342
- KUENSTLER, F.**
Determination of the electron density of argon and helium low pressure plasmas from the Faraday effect in the microwave region. 19 p3297 A67-35592
- KUENTZ, R.**
Effect of hydrogen and nitrogen on the ductility of beryllium purified by zone refining /Effet de l'hydrogene et de l'azote sur la ductilite du beryllium purifie par fusion de zone/. 13 p2138 A67-27103
- KUENZEL, H.**
Changes of the magnetic field strength of sunspots during a given day /Ueber Aenderungen der magnetischen Feldstaerke von Sonnenflecken waehrend eines Tages/. 14 p2384 A67-28076
- KUENZLI, A.**
Anisotropic sandwich constructions. 06 p1108 A67-18655
- Determination of the mean tensile strength k sub f of aluminum alloys by torsion tests and comparison of the results with those of extrusion tests /Ermittlung der Formaenderungsfestigkeit k sub f von Aluminium-Legierungen mit Hilfe von Torsionsversuchen und Vergleich der Ergebnisse mit denjenigen von Strangpressversuchen/. 04 p0636 A67-14907
- KUENZNER, H.**
Development, application, and testing of gyroscopic devices /Ueber die Entwicklung, Anwendung und Pruefung von Kreiselgeraeten/. 23 p4003 A67-41327
- KUESER, P. E.**
High-temperature electrical materials. [SAE PAPER 660662] 01 p0094 A67-10571
- KUESSNER, H. G.**
Approximation theory of an oscillating lifting surface of large aspect ratio in the subsonic range with example calculations /Naeherungstheorie der schwingenden Tragflaeche grosser Streckung im Unterschallbereich mit Rechenbeispielen/. 03 p0351 A67-12996
- Theory of an oscillating infinitely thin profile in compressible subsonic flow /Theorie des schwingenden Streckenprofils bei kompressibler Unterschallstroemung/. 23 p3929 A67-41250
- KUETHE, A. M.**
Model of an electric arc balanced magnetically in a gas flow. [AIAA PAPER 67-96] 07 p1240 A67-19437
- Effects of turbulence on laminar skin friction and heat transfer. 08 p1427 A67-21118
- KUETTNER, J. P.**
Cloudstreets - Theory and satellite observations. 08 p1350 A67-20950
- Cloudstreets - Theory and satellite observations. 08 p1350 A67-20951
- Environmental prediction using orbital sensors. [AAS PAPER 67-104] 15 p2478 A67-29959
- Space applications for the environmental sciences and operations. 19 p3253 A67-35647
- KUGAENKO, A. A.**
Selection of optimal-efficiency relations for life support systems /Vybor optimal'nykh sootnoshenii proizvoditel'nostei sistem zhizneobespecheniya/. 17 p2807 A67-32254
- KUGLER, S.**
Liquid hydrogen storage and handling equipment. 05 p0789 A67-17018
- KUGLER, W.**
Biosatellite environmental control and life support system design. [SAE PAPER 670839] 24 p4114 A67-41995
- KUGLIN, C. D.**
New studies of the band structure of the diamond-type crystals. [AFRL-67-0382] 06 p1058 A67-18902
- KUH, E. S.**
Theory of Linear Active Networks. 20 p3407 A67-36119
- KUH BANDER, R. J.**
Silicon carbide filament reinforced epoxy resin composites. 03 p0452 A67-13403
- KUHL, J.**
A digital recording double Fabry-Perot spectrometer. 20 p3440 A67-36363
- KUHN, D. H.**
Mutual coupling effects of triangular-grid arrays by modal analysis. 02 p0212 A67-11614
- KUHN, F. J.**
A real time error correcting data transmission system treated as a Markov process. 02 p0194 A67-11810
- KUHN, H.**
Optical and electrical phenomena on monomolecular layers. 02 p0290 A67-11732
- KUHN, P. M.**
Double bolometer measurements of the effects of atmospheric radiators. 01 p0108 A67-10315
- KUHRT, W. A.**
Space propulsion in the fiscal year 2001. 13 p2189 A67-27502
- KUIKEN, H. K.**
The cooling of a cylinder moving through a fluid. 22 p3918 A67-39782
- KUIPER, G. P.**
Interpretation of Ranger VII records. 05 p0896 A67-16714
- The surface of the moon. 05 p0901 A67-17083
- The moon and the planet Mars. 07 p1247 A67-19332
- The lunar surface and the U.S. Ranger programme. 08 p1390 A67-21025
- The lunar surface and the U.S. Ranger program. 18 p3121 A67-34137
- KUIPER, J. W.**
Observations of microwave emission by molecular oxygen in the terrestrial atmosphere. 02 p0237 A67-11852
- KUIPERS, M.**
Instability of a spring-mounted hollow cylinder partially filled with liquid /Die Instabilitaet eines federnd gelagerten und teilweise mit Fluessigkeit gefuellten umlaufenden Hohlzylinders/. 06 p1100 A67-17992
- KUKANOV, F. A.**
Motion of fragments of a vessel bursting in a vacuum. 04 p0708 A67-14793
- Motion of the two parts formed by rupture of a gas-filled vessel in vacuo /Dvizhenie dvukh chastei posle razryva ob'ema s gazom v vakuume/. 16 p2761 A67-30745
- KUKHARSKII, R. N.**
Cancellation of a laser by a laser /Gashenie lazera lazerom/. 08 p1338 A67-21204
- Suppression of certain modes in the emission of a ruby laser /Podavlenie nekotorykh mod v izlucheni rubinovogo lazera/. 12 p1952 A67-25436
- KUKHTA, K. IA.**
Assessment of the error of the approximate natural frequencies of the oscillations of a cantilever beam with variable parameters /Pro otsinku pokhibiki nablizhenikh vlasnikh chastot kolivan' vli'noi balki zmennikh parametrov/. 18 p3143 A67-34168
- KUKHTENKO, A. I.**
A class of automatic control systems which are invariant with respect to changes in the system parameters /Ob odnom klasse invariantnykh otноситel'no izmenenii parametrov sistem avtomaticheskogo upravleniya/. 03 p0391 A67-13186
- Theory of complex systems with a hierarchical control structure /O teorii slozhnykh sistem s ierarhicheskoi strukturoi upravleniya/. 20 p3411 A67-37373
- KUKHTENKO, V. I.**
Questions in the dynamics of self-adjusting systems with frequency characteristic stabilization. I. 03 p0390 A67-13101
- Some problems concerning dynamics of self-adaptive systems with frequency-characteristic stabilization. II. 06 p0976 A67-18405
- Self-adjusting systems compensating for errors introduced by parasitic feedback. 20 p3410 A67-37228
- KUKIN, I. K.**
Two-dimensional isothermal flow of electrically conducting liquids and gases in channels in the presence of electric and magnetic fields. 09 p1544 A67-21861
- KUKIN, L. M.**
Measurement of the atmospheric absorption of radio waves in the range from 1.36 to 3.0 mm /Izmerenie atmosfernogo pogloshcheniya radiovoln v diapazone 1,36-3,0 mm/. 05 p0761 A67-16343
- Measurement of atmospheric absorption at wavelengths from 1.8 to 0.87 mm /Izmerenie atmosfernogo pogloshcheniya v diapazone voln lambda equals 1,8 - 0,87 mm/. 19 p3185 A67-36014
- KUKLEV, E. A.**
Statistical linearization of the nonlinear aerodynamic coefficient of the angle-of-attack moment of an aircraft /Statisticheskaya lineizatsiya nelineinogo aerodinamicheskogo koefitsienta momenta samoleta po uglu ataki/. 04 p0549 A67-15884

- KUKLIN, G. V.**
Electrical field in solar atmosphere caused by pressure gradient. 12 p2000 A67-25133
- KUKOLICH, S. G.**
Measurement of ammonia hyperfine structure with a two-cavity maser. 20 p3462 A67-37565
- KUKONIN, V. E.**
Methods of measuring plasma temperature /Metody izmereniya temperatury plazmy/. 22 p3853 A67-40216
- KUKOTA, I. U. P.**
Strength characteristics of porous materials of refractory compounds. 07 p1208 A67-19307
Study of the permeability of porous materials of refractory compounds /Izucheniye pronitsaemosti poristyykh materialov iz tugoplavkikh soedineniy/. 09 p1517 A67-21875
- KUKSA, L. V.**
The boundary between elastic and plastic deformation in steel. 07 p1210 A67-20011
- KUKSENKO, B. V.**
Excitation of vibrational degrees of freedom in molecular collisions. 01 p0118 A67-11302
- KUKSENKO, V. S.**
Connection between structure and deformability of oriented crystallizing polymers. 18 p3068 A67-33489
- KUKUSHKIN, I. U. V.**
Recording of fragmentary gamma-radiation during the high-level nuclear burst over Johnston Island on July 9, 1962. 07 p1242 A67-19102
- KUKUSHKIN, L. S.**
Peculiarities of the RbMnF₂ decay 3 - Nd super 3 super plus crystals decay kinetics due to the migration of excitation energy. 20 p3506 A67-36218
- KULAGIN, A. I.**
Solar thermoelectric generator with cylindrical solar-energy receiver /Solnechnyy termogenerator s tsilindricheskim geliopriemnikom/. 18 p2990 A67-34491
- KULAGIN, I. D.**
Energy characteristics of a plasmatron with magnetic arc stabilization /Energeticheskie kharakteristiki plazmatrona s magnitnoy stabilizatsiei dugi/. 09 p1547 A67-22316
- KULAGIN, I. U. M.**
Investigation of radiation intensity in the radiation belts of the earth by means of the artificial earth satellite "Cosmos-17". 11 p1856 A67-24074
- KULAKOV, I. G.**
Investigation of a stabilized annular discharge in argon /Issledovanie stabilizirovannogo kol'tsevoogo razriada v argone/. 09 p1547 A67-22319
Investigation of the electrodeless ring discharge in argon and air /Issledovanie bezelektrodnogo kol'tsevoogo razriada v argone i v vozdukh/. 17 p2897 A67-32174
- KULAKOV, N. N.**
Optimum distribution of mean relative deviations of the parameters of elements in gradual breakdowns /Optimal'noye raspredeleniye srednikh otnostel'nykh otkloneniy parametrov elementov pri postepennykh otkazakh/. 03 p0389 A67-13090
Method of determining the optimal reliability distribution between individual elements of a system /Metod opredeleniya optimal'nogo raspredeleniya nadezhnosti mezhdu otdel'nymi elementami sistemy/. 06 p1008 A67-18546
Determining the optimal distribution of reliability and individual elements of a system. 22 p3812 A67-39745
- KULAKOV, V. I.**
Effect of small additions of refractory elements on the structure and properties of sheets of aluminum alloy containing 5 percent Zn and 2 percent Mg /Vliyanie malyykh dobavok tugoplavkikh elementov na strukturu i svoystva listov iz aluminievogo splava, soderzhashchego 5 percent Zn i 2 percent Mg/. 07 p1201 A67-19254
Effect of small additions of refractory elements on the structure and properties of aluminum-alloy castings containing 5 percent Zn and 2 percent Mg /Vliyanie malyykh dobavok tugoplavkikh elementov na strukturu i svoystva slitkov aluminievogo splava, soderzhashchego 5 percent Zn i 2 percent Mg/. 07 p1201 A67-19255
- KULAKOVSKI, A. I.**
Method of constructing a functional converter with several inputs /Ob odnom metode postroyeniya funktsional'nogo preobrazovatelya s neskol'kimi vkhodami/. 05 p0782 A67-16322
Method of building a function generator with several inputs. 18 p3017 A67-33874
- KULANDER, J. L.**
Inference of velocities from line asymmetries. 02 p0323 A67-11690
The velocity-dependent non-LTE source function. I. 11 p1861 A67-24489
- KULBAKH, A. A.**
Apparatus for measuring hot hardness by static methods. 19 p3227 A67-34930
- KULESHOV, A. I.**
Analytical method of solving ordinary differential equations, and automation of the method /Analiticheskiy metod resheniya obyknovennykh differentsial'nykh uravneniy i ego avtomatizatsiya/. 05 p0834 A67-16377
- KULESHOV, V. P.**
Investigation of a decaying argon-cesium plasma by the microwave method /Issledovanie raspadalushchetsiya argonotsezevoly plazmy mikrovolnovym metodom/. 09 p1542 A67-21817
- KULESHOVA, V. P.**
Statistical distribution of delta f sub 0 F sub 2. 07 p1174 A67-19703
- KULESZA, C. J.**
Mission Control Center - Houston /MCC-H/ voice communication system. 02 p0229 A67-12120
- KULEVSKII, L. A.**
The nature of the laser transition in CdS crystal at 90 deg K with two-photon excitation. 05 p0821 A67-16667
CaF₂ sub 2 Dy super 2 giant pulse laser with high repetition rate. 05 p0822 A67-16674
- KULGAVCHUK, V. M.**
Variation of temperature during the first stage of an electric explosion of wires. 16 p2703 A67-31779
Excitation of longitudinal vibrations in a rod during the passage of high-density electric current pulses /Vozbuzhdeniye prodol'nykh kolebaniy sterzhnei pri propuskaniy po nim impul'sov elektricheskogo toka bol'shoi plotnosti/. 20 p3486 A67-37060
- KULICK, V. T.**
Interpolating and extrapolating methods of the statistical analysis of dynamic systems. 15 p2462 A67-30327
- KULIEV, A. A.**
High-temperature inversion of the Hall coefficient in tellurium /O vysokotemperaturnoi inversii koeffitsienta Kholla v tellure/. 03 p0492 A67-13344
Inversion of the Hall coefficient of tellurium alloyed with thallium /Ob inversii koeffitsienta Kholla tellura, legirovannogo tal'liem/. 03 p0500 A67-14232
High-temperature inversion of the Hall coefficient in tellurium. 13 p2184 A67-27718
Investigation of the effect of a magnetic field on the Hall coefficient of p-type germanium-silicon single crystals containing up to 15 at. percent silicon /Issledovanie vliyaniya magnitnogo polya na koeffitsient Kholla v monokristallakh sistemy germaniikremniy p-tipa, soderzhashchikh do 15 at. percent kremniya/. 18 p3098 A67-33574
- KULIEV, I. A.**
Development and study of a linear functional multiplier using Hall sensors /Razrabotka i issledovanie lineinogo funktsional'nogo umnozhitel'na na osnove datchikov Kholla/. 15 p2444 A67-29386
- KULIEV, K. M.**
Stresses in a plane weakened by an infinite sequence of uniform circular holes, under elastoplastic strain /Napryazheniya v ploskosti, oslablennoi beskonечnym riadom odinakovykh krugovykh otverstiy pri uprugoplasticheskikh deformatsiyakh/. 02 p0337 A67-11844
- KULIEV, R. SH.**
Augmentation of resources of raw materials for the production of aviation oil /Uvelicheniye resursov syr'ya dlya polucheniya aviatsionnogo masla/. 04 p0627 A67-14742
- KULIEVA, R. N.**
Cyclic geomagnetic variations and their use in the computation of the electric conductivity of the earth. 07 p1174 A67-19714
Electric conductivity inside the earth according to data on annual geomagnetic variations. 07 p1178 A67-19826
30-year cyclic variations of the geomagnetic field and their use in evaluating the electric conductivity of the deep layers of the earth /30-Letnie tsiklicheskie variatsii geomagnitnogo polya i otsenka po nim elektricheskoi provodimosti glubokikh sloev zemli/. 21 p3622 A67-39025
- KULIK, I. O.**
Motion of Abrikosov lines in an electric field and the energy dissipation mechanism in homogeneous superconductors. 06 p1049 A67-17882
Wave propagation in a Josephson tunnel junction in the presence of vortices and the electrodynamics of weak superconductivity /Rasprostraneniye voln v tunnel'nom perekhode Dzhozefsona pri nalichii vikhrei i elektrodinamika slaboi sverkhprovodimosti/. 06 p1054 A67-18806
Contribution to the theory of superconductivity on the basis of a phonon model /K teorii sverkhprovodimosti v fononnoi modeli/. 08 p1372 A67-21491
On the theory of autoelectric emission in superconductors /K teorii avtoelektronnoi emissii v sverkhprovodnikakh/. 14 p2370 A67-28673
Temperature dependence of the Josephson current in anisotropic superconductors /Temperaturnaya zavisimost' toka Dzhozefsona v anizotropnykh sverkhprovodnikakh/. 17 p2915 A67-32719
Wave propagation in a Josephson tunnel junction in the presence of vortices and the electrodynamics of weak superconductivity. 18 p3102 A67-34425
Vortical structure within superconducting films in a parallel field /Vikhrevala struktura v sverkhprovodnykh plenkakh v paralelnom pole/. 19 p3301 A67-34899
Theory of resonance phenomena in superconducting tunneling. 20 p3509 A67-36690
Quantum size effects in the electric conductivity of thin films. 21 p3678 A67-38099
Dependence of a direct Josephson current on the magnetic field with screening taken into account /Zalezhnlost' stalogo strumu Dzhozefsona vid magnitnogo polya pri vrakhuvanii ekranuvaniya/. 22 p3857 A67-39504
- KULIK, L. M.**
Structure of the fundamental absorption bands of mixed KCl-KBr single crystals /Pro strukturu fundamental'nykh smug poglinaniya zmishanikh monokristalov KCl-KBr/. 05 p0872 A67-17493
- KULIKOV, E. L.**
Possibility of using periodic structures as transmission lines in the millimeter range /O vozmozhnosti ispol'zovaniya periodicheskikh struktur v kachestve liniy peredachi millimetrovogo diapazona/. 04 p0575 A67-15167
- KULIKOV, G. V.**
Ultrahigh energy primary cosmic radiation according to extensive air shower data. 02 p0311 A67-12589
Phenomenological characteristics of extensive air showers with a fixed number of muons and electrons /Fenomenologicheskie kharakteristiki shirokikh atmosferynykh livnei s fiksnym chislom mu-mezonov i elektronov/. 02 p0318 A67-12777
Superhigh-energy primary cosmic radiation and extensive air showers /Pervichnoe kosmicheskoe izlucheniye sverkhvysokoi energii i shirokie atmosferynye livni/. 02 p0318 A67-12778
Phenomenological characteristics of extensive air showers with a fixed number of muons and electrons. 22 p3877 A67-40279
Superhigh energy primary radiation and extensive air showers. 22 p3877 A67-40280
- KULIKOV, I. V.**
Calculation of the dynamics of a metering servosystem by the harmonic-linearization method /Raschet dinamiki izmeritel'noi slediaschel'noy sistemy metodom garmoni cheskoj linearizatsii/. 16 p2644 A67-31380
- KULIKOV, O. F.**
Behavior of benzene and some other organic compounds in a focused laser beam /O povedenii benzola i nekotorykh drugikh organicheskikh soedineniy v sfokusirovannom lazernom puchke/. 05 p0759 A67-17028
- KULIKOV, V. A.**
Study of the properties of extruded nickel-aluminum oxide alloys /Issledovanie svoystv ekstrudirovannykh splavov nikel'oksis' aluminia/. 09 p1517 A67-21876
Dependence of the compressive strength

- of metal-ceramic nickel/aluminum oxide alloys on the grain size of the nickel matrix /Zavisimost' soprotivleniya szhati metallokeramicheskikh splavov nikel'ov oksid' alluminia ot velichiny zerna nikel'evoi matritsy/. 17 p2871 A67-31924
- KULIKOV, V. D.**
Stress concentration in a plate with a circular hole /O kontsentratsii napriazhenii v plastinke s krugovym otverstiem/. 06 p1107 A67-18634
- KULIKOVA, N. V.**
Meteor satellites of the earth. 10 p1708 A67-23242
Motion of the Tunguska meteorite in the earth's atmosphere /O dvizhenii tungusskogo meteorita v atmosfere zemli/. 11 p1868 A67-24847
Meteorite satellites of the earth /O meteornykh sputnikakh zemli/. 17 p2941 A67-32324
- KULIKOVSKII, A. G.**
Linearized problem of supersonic flow at the entrance to the electrode region of a magnetohydrodynamic channel. 01 p0125 A67-10980
Stability of Poiseuille flow and certain other plane-parallel flows in a flat tube of great, but finite, length at large Reynolds numbers /Ob ustoiichivosti techeniya Puazella i nekotorykh drugikh ploskoparallelnykh techenii v ploskoi trube bol'shoi, no konechnoi dliny pri bol'shikh chislakh Reynoldsa/. 02 p0233 A67-11949
On the stability of Poiseuille flow and certain other plane-parallel flows in a flat pipe of large but finite length for large Reynolds' numbers. 17 p2841 A67-33266
Stability of arbitrary steady-state flows in the vicinity of points of transition through the speed of sound /Ob ustoiichivosti proizvol'nykh statsionarnykh techenii v okrestnosti tochek perekhoda cherez skorost' zvuka/. 22 p3844 A67-39391
- KULIKOWSKI, J. J.**
Adaptive visual signal preprocessor with a finite number of states. 02 p0207 A67-12140
Adaptive visual signal preprocessor with a finite number of states. 04 p0563 A67-14799
Contrast-transfer characteristics of n tuple models of retinal receptive fields. 05 p0757 A67-17303
- KULIKOWSKI, R.**
Optimum control of multidimensional and multilevel systems. 06 p0974 A67-17933
- KULINA, M.**
A new concept for critical speed control. [SAE PAPER 670347] 17 p2865 A67-32989
- KULINSKI, E. S.**
Journal-bearing velocity profiles for small-eccentricity and moderate modified Reynolds numbers. [ASME PAPER 66-WA/APM-17] 04 p0630 A67-15408
- KULISCH, U.**
Integrability and integration of overdetermined systems of partial differential equations /Integrabilitat und Integration ueberbestimmter Systeme partieller Differentialgleichungen/. 21 p3654 A67-39095
- KULISH, N. R.**
A study of the emission characteristics of a ruby laser. 03 p0433 A67-12855
Study of certain laser parameters /Issledovanie nekotorykh parametrov opticheskikh kvantovykh generatorov/. 03 p0435 A67-13129
Effect of the inert-shield temperature on laser performance /Vlianie temperatury passivnogo zatvora na rabotu lazera/. 14 p2332 A67-28857
Influence of passive-shutter temperature on laser operation. 19 p3242 A67-36108
- KULISH, U. M.**
Effect of alloying conditions on the physical parameters of the base in a planar silicon diode /Vlianie rezhima vplavleniya na fizicheskie parametry bazy ploskostnogo kremlevogo dioda/. 01 p0039 A67-11053
- KULIUPIN, I. U. A.**
Use of lasers for studying the kinetics of autophotocatalytic emission /Primenenie OKG dlia issledovaniia kinetiki avtofotolektronnoi emissii/. 03 p0436 A67-13142
- KULKE, B.**
On changing the coupling into a microwave cavity by means of a stub tuner. 13 p2076 A67-26480
Millimeter-wave generation with electron-

- beam devices. 22 p3774 A67-40443
- KULKIN, K. M.**
Application of similarity theory to electron processes in p-n junctions /K voprosu primeneniia teorii podobliia k elektronnykh protsessam v p-n-perekhodakh/. 06 p1048 A67-17854
- KULLBACK, S.**
An extension of an information-theoretic derivation of certain limit relations for a Markov chain. 11 p1770 A67-24421
- KULP, B. A.**
Electron radiation damage in CdSe crystals. 17 p2916 A67-32838
- KULSRUD, R. M.**
Contribution of electron-electron collisions to the emission of bremsstrahlung by a plasma. 03 p0484 A67-14043
Resistive instabilities in toroidal hydromagnetic systems. 11 p1839 A67-24544
- KULTASHEV, O. K.**
Work function of solid solutions of tungsten with molybdenum and tantalum. 01 p0093 A67-10092
Work function of alloys W-Hf, Ta-Hf, Nb-Hf, Re-Hf, Re-Zr and W-Re. 10 p1668 A67-23091
- KUMABE, I.**
Energy spectra of inelastic scattering of 28.4-Mev alpha particles. 21 p3659 A67-38401
- KUMAGAI, N.**
Low-loss optical phase modulator. 04 p0576 A67-15508
Mode discrimination of laser resonator exploiting the transmission characteristics of the Fabry-Perot interferometer. 10 p1663 A67-22835
Wideband quasi-optic prism components. 10 p1606 A67-23065
Theory of segmented lasers. 12 p1953 A67-28221
Electromagnetic radiation from an electric dipole moving with relativistic velocity. 18 p3000 A67-34022
A class of cylindrical Fabry-Perot resonators. 18 p3060 A67-34024
Resonant modes in a Fabry-Perot resonator consisting of nonuniform reflectors. 20 p3447 A67-36787
A circuit-theoretic treatment of laser actions. 20 p3459 A67-36788
Radiation characteristics of antenna arrays in a moving medium. 21 p3598 A67-38607
Beam waveguide consisting of cylindrical conducting reflectors. 21 p3583 A67-38608
- KUMAGAI, Y.**
Energy distribution of electrons tunneling through a metal-insulator-metal sandwich structure. 12 p1982 A67-25449
- KUMAR MEHTA, Y.**
The distribution of thermal stresses around a crack in a semi-infinite elastic solid of transversely isotropic material. 10 p1716 A67-22934
Thermal stresses in a plate with transversely isotropic material. 14 p2402 A67-28813
- KUMAR, I. J.**
A boundary-layer method in porous body heat and mass transfer. 20 p3553 A67-36938
- KUMAR, R.**
Purely radial vibrations of an infinite, isotropic, composite, hollow cylinder. 01 p0182 A67-10818
Heat transfer in Couette flow of Bingham material with linearly varying wall temperature. 11 p1883 A67-24944
- KUMAR, S. S.**
On planets and black dwarfs. 08 p1398 A67-21217
- KUMINS, L.**
Business forecasting for communication satellite systems. [AIAA PAPER 66-322] 06 p1120 A67-17708
- KUMMER, W. H.**
Self-steering arrays for satellite applications. [AIAA PAPER 66-326] 06 p0967 A67-17690
Feeding and phase scanning. 07 p1152 A67-19545
- KUMOK, L. M.**
Structural changes during oxidation of chromium-yttrium alloys /Strukturnye izmeneniia pri oksislenii splavov khroma s yttriem/. 05 p0827 A67-16327
- KUMSKOV, V. T.**
Solution of the composite heat transfer problem in a moving gray medium with a small optical density, on the basis of the boundary layer equations. 04 p0722 A67-14712
Composite heat transfer and viscous

- friction in a moving gray medium with large optical density. 04 p0722 A67-14713
The absorption coefficient of a gray medium. 04 p0722 A67-14714
- KUNACHOWICZ, K.**
Short-wave and very-short-wave direction-finding from an aircraft /Namiary z pokladu samolotu na falach krotkich i bardzo krotkich/. 03 p0465 A67-13394
- KUNDEL, H. L.**
Hepatic lesions produced by 32 and 55 Mev proton irradiation. 23 p3944 A67-41017
- KUNDUKHOV, R. M.**
An InP photoelectric converter of solar energy /Fotoelektricheskii preobrazovatel' solnechnoi energii iz InP/. 04 p0679 A67-15141
Photoelectric transformation of solar energy in InP. 12 p1979 A67-25164
- KUNEV, S.**
Properties of p-n heterojunction of cadmium sulfide and preparation of photoelectric converters. 19 p3304 A67-35427
- KUNICA, S.**
Protecting precision laboratory equipment from vibration environment. 17 p2833 A67-32066
- KUNIG, H. E.**
A high-gain InAs thin-film transistor. 01 p0039 A67-10876
- KUNIN, I. A.**
Theory of elasticity with spatial dispersion. One-dimensional complex structure /Teoriia uprugosti s prostranstvennoi dispersiei. Odnomernaia slozhnaia struktura/. 02 p0337 A67-11952
Boundary-value problems of continuous dislocation theory /O granichnykh zadachakh kontinual'noi teorii dislokatsii/. 15 p2572 A67-29235
Theory of elasticity with spatial dispersion. One-dimensional complex structure. 17 p2965 A67-33269
An inhomogeneous elastic medium with a nonlocal interaction /Neodnorodnaia uprugai sreda s nelokal'nyim vzaimodelstviem/. 20 p3540 A67-37056
- KUNITSYN, A. L.**
The motion of a rocket with a constant reactive-acceleration vector in a central force field. 11 p1869 A67-24082
- KUNKEL, G. M.**
Design of low-noise transistor switch capable of meeting military EMI specifications. 20 p3406 A67-37653
- KUNKEL, W. B.**
Velocity determination by the measurement of the induced potential in a nonuniform plasma flow. 12 p1973 A67-25392
- KUNO, H. J.**
Solid-state plasma controlled nonreciprocal microwave device. 09 p1474 A67-22090
A rotationally switched rod memory with a 100-nanosecond cycle time. 19 p3189 A67-36064
- KUNO, J. K.**
Structural reinforced plastic sandwich facings versus other composite structures. 08 p1414 A67-20430
- KUNTMAN, D.**
Spatial variations of ionospheric height at middle latitudes. 08 p1328 A67-21479
- KUNTSEVICH, V. M.**
Pulsed self-adjusting and extremal automatic control systems /Impul'snye samonastraivaiushchiesia i ekstremal'nye sistemy avtomaticheskogo upravleniia/. 13 p2086 A67-26459
Analysis of the stability of free vibrations and of the follow-up regime of pulsed extremal systems /Analiz ustoiichivosti svobodnykh kolebani i rezhima sledzheniia impul'snykh ekstremal'nykh sistem/. 20 p3411 A67-37374
Investigating stability of sampled-data control systems with pulse-frequency modulation, using Liapunov's direct method. 22 p3777 A67-39829
- KUNUGI, M.**
Determination of size and concentration of soot particles in diffusion flames by a light-scattering technique. 18 p3149 A67-33799
- KUNYRINA, L. I.**
On a method of measuring reduced emissivities for a coaxial system of surfaces. 16 p2780 A67-31778
- KUNZ, A. B.**
Electronic band structure in the sodium iodide crystal. 03 p0495 A67-13513
- KUNZ, K. M.**
The formation of thin continuous films

- from isolated nuclei. 02 p0286 A67-11709
On the formation of single crystal films of f.c.c. metals on alkali halide cleavage planes in ultrahigh vacuum. 09 p1552 A67-21671
- KUNZ, W. E.
Traveling-wave tube amplifier characteristics for communications. 10 p1613 A67-23440
- KUNZLER, J. E.
Superconducting energy gap of bulk lanthanum by point contact tunneling. 11 p1846 A67-24585
- KUO-PETRAVIC, L. G.
Energy spreading and stabilization of plasma by applying a high-frequency electric field. 16 p2714 A67-30873
- KUO, B. C.
Optimum control of multivariable sampled data systems with adaptive sampling. 16 p2649 A67-31660
- KUO, F. F.
Network analysis by digital computer. 01 p0028 A67-10462
- KUO, H. L.
Note on the similarity solutions of the vortex equations in an unstably stratified atmosphere. 06 p1026 A67-18565
- KUO, K. K.
A simplified flow-field analysis of a two-dimensional or axisymmetric supersonic combustor. [AIAA PAPER 67-494] 18 p2983 A67-33958
- KUO, M. C. Y.
Minimum energy problems in Hilbert function space. 07 p1216 A67-19908
- KUO, S. C.
Theory and practice of log-periodic aerials. 15 p2454 A67-30139
- KUO, T. K.
Possibility of detecting quarks through astronomical observations. 08 p1400 A67-21246
- KUO, T.-J.
D-region mobility spectrometer. 22 p3799 A67-39816
- KUO, Y.-H.
The formation of elliptical wakes. 08 p1277 A67-20710
- KUPATADZE, O. V.
Analog-computer solution of systems of linear algebraic equations by the modified Gauss-Zeidel' method /Reshenie sistem lineinykh algebraicheskikh uravnenii modifitsirovannym metodom Gaussa-Zeidella na analogovykh vychislitel'nykh mashinakh /AVM//. 01 p0105 A67-10542
- KUPATADZE, T. G.
Measurement of losses of a ferrite core in a strong high-frequency field /Izmerenie poter' ferritovogo serdechnika v sil'nom vysokochastotnom pole/. 01 p0035 A67-10414
- KUPERUS, M.
The heating of the solar corona by photospheric waves. 05 p0900 A67-17077
On the origin of spicules in the chromosphere-corona transition region. 17 p2952 A67-33393
The nature of quiescent solar prominences. 19 p3324 A67-35436
- KUPFERMAN, R. A.
Traveling ionospheric disturbances associated with nuclear detonations. 07 p1181 A67-19939
- KUPFRIAN, T. E.
Computer-aided design of linear integrated circuits. 12 p1919 A67-26156
- KUPKA, J.
A one-dimensional theory for optical multiplex resonators. I /Eine eindimensionale Theorie optischer Vielraum-Resonatoren. I/. 18 p3058 A67-33528
- KUPRADZE, V. D.
Approximate solution of problems of mathematical physics /O priblizhennom reshenii zadach matematicheskoi fiziki/. 14 p2348 A67-28287
- KUPREVICH, N. F.
Astronomical chromatic refraction in connection with the question of guiding large telescopes /Astronomicheskaya khromaticheskaya refraktsiya v svyazi s voprosom o gidirovani bol'shikh teleskopov/. 02 p0325 A67-11983
- KUPRIANNA, T. A.
Mutual diffusion of the components and phase diagram of the system Ti-W /Vzaimnaya diffuziya komponentov i diagramma sostoiannya sistema Ti-W/. 07 p1204 A67-19266
- KUPRIANOV, S. E.
Excited particles and their role in the elementary processes of radiation chemistry and plasma chemistry /Vozbuzhdennyye chastitsy i ikh rol' v elementarnykh protsessakh radiatsionnoi khimii i plazmy/. 17 p2809 A67-32142
- KUPSKY, G.
The effective ionization rate for hot carriers in GaAs. 02 p0299 A67-12186
Vapor phase growth of gallium arsenide microwave diodes. 03 p0379 A67-13477
Degradation phenomena of operating life in gallium arsenide electroluminescent diodes. 10 p1615 A67-23526
- KURAEVA, V. P.
Structural transformations in titanium alloys /Strukturnye prevrashcheniya v titanovykh splavakh/. 07 p1205 A67-19271
- KURASHI, K.
Observation of VLF noise spectrum by K-9M-19 rocket. 14 p2307 A67-27886
- KURAPOVA, O. A.
Long-term cultivation of Chlorella with direct recovery of the medium /Dlitel'noe kul'tivirovanie Khlorelli s priamym vozvratom sredy/. 24 p4114 A67-41846
- KURAS, R.
Analysis of the ground resonance of helicopters with zero transverse flexibility /Analiza rezonansu prizemnogo smiglowcow o zerovoy podatnosci/. 03 p0360 A67-13393
- KURASAWA, T.
Nonlinear kinetics of plasma. I. 17 p2902 A67-32670
- KURASHOV, V. N.
Quantum effects in information-transmission systems /Kvantovye efekty v sistemakh peredachi informatsii/. 03 p0368 A67-13140
Some properties of a multi-channel optical communication system with frequency division of channels. 16 p2623 A67-30882
- KURAT, G.
Origin of chondrules /Zur Entstehung der Chondren/. 13 p2200 A67-27234
Some chondrules from the Mezoe-Madaras chondrite /Einige Chondren aus dem Meteoriten von Mezoe-Madaras/. 24 p4235 A67-42633
- KURATA, K.
Derivation of new semiconducting compounds by cross substitution for group IV semiconductors, and their semiconducting and thermal properties. 23 p4036 A67-40720
- KURATOV, P. S.
Use of the method of increments in calculating plastic disks undergoing cyclic loading /Primenenie metoda pri rashchenii k raschetu plasticheskikh diskov pri tsiklicheskom nagruzhenii/. 05 p0810 A67-16178
- KURAZONO, S.
Wideband quasi-optic prism components. 10 p1606 A67-23065
- KURBASOV, V. V.
The optical radar method for measuring the parameters of the moon's figure and orbit. 12 p2002 A67-25647
Measurement of the distance to the moon and possibilities of investigation on the astrometric parameters of the earth-moon system by the method of laser location. 23 p4066 A67-41037
- KURBATOV, L. N.
Coherent radiation from cadmium sulfide single crystals excited by an electron beam. 17 p2915 A67-32660
- KURBATOVSKII, I. U. N.
Some results of experiments with a 100-kw MHD generator model /Nekotorye rezul'taty eksperimental'nykh issledovani 100-kilovattnoi modeli MGD generatara/. 16 p2602 A67-30559
- KURDGELADZE, D. F.
Determination of a symmetry group of an equation of motion /K voprosu opredeleniya gruppy simmetrii uravneniya dvizheniya/. 02 p0268 A67-12424
- KURDIANI, N. I.
Disordered regions in InSb produced by fast-neutron bombardment /O razuporiadochennykh oblastiakh v InSb, obuslovlennykh obлучeniem bystryimi neutronami/. 15 p2541 A67-30234
- KURDIUMOV, O. A.
Effect of couplings and losses on self-oscillations in a three-circuit system /O villanii svyazi i poter' na avtokolebania v trekhkhoturnoi sisteme/. 02 p0221 A67-12418
- KURDIUMOV, S. P.
Nonlinear effect of the formation of a self-sustaining high-temperature electrically conducting gas layer in unsteady MHD processes /Nelineinyl'nyy effekt obrazovaniya samopodderzhivayushchegosya vysokotemperaturnogo elektroprovodnogo sloia gaza v nestatsionarnykh protsessakh magnitnoi gidrodinamiki/. 14 p2355 A67-27839
- KURDIUMOV, V. N.
Cerenkov excitation of ion plasma oscillations by a charge moving in a cold magnetoactive plasma. 02 p0274 A67-12456
- KURGANOV, G. B.
Effect of micrononhomogeneity on the superconducting characteristics of the alloy Nb-Zr-Ta. 10 p1689 A67-23089
- KURIABINA, V. F.
Development and study of a linear functional multiplier using Hall sensors /Razrabotka i issledovanie lineinogo funktsional'nogo umnozhitelia na osnove datchikov Kholla/. 15 p2444 A67-29386
- KURIAT, R. I.
Thermal stresses in nozzle blades of a gas turbine under unstable thermal conditions /Temperaturnye naprazheniya v soplovykh lopatkakh gazovoi turbiny pri neustanovivshikhsia teplovykh rezhimakh/. 03 p0429 A67-13332
- KURIATOV, V. N.
Wave synchronization in a gas laser with a ring resonator. 09 p1513 A67-22063
- KURIDZE, R. V.
Investigation of high-energy muons by means of a complex installation /Issledovanie mluonov vysokikh energii s pomoshch'yu kompleksnoi ustanovki/. 02 p0317 A67-12770
Investigation of high-energy muons by means of a complex installation. 22 p3877 A67-40272
Investigation of the energy and angular distribution of high-energy muons /Issledovanie energeticheskogo i uglovogo raspredeleniya mluonov bol'shoi energii/. 24 p4222 A67-42877
Investigation of the penetrating component of cosmic rays at a depth of 130 mwe /Issledovanie pronikalushchei komponenty kosmicheskikh luchei na glubine 130 m v. e./. 24 p4222 A67-42878
- KURIK, M. V.
Electron effective mass in II-VI semiconductors. 17 p2913 A67-32273
Photoconductivity of CdS induced by light from a ruby laser /Fotoprovodnist' CdS, zbuzhdzuva svtlom rubinovogo lazera/. 22 p3814 A67-39511
- KURIKI, I.
On the scattering propagation caused by the field aligned irregularities. 01 p0021 A67-10334
On the scattering propagation caused by the field aligned irregularities. 07 p1143 A67-19675
Further experimental study of scattering propagation caused by the field aligned irregularities on VHF bands. 24 p4120 A67-42150
- KURIKI, K.
Interaction between a magnetic field and a plasma flow behind a shock wave. 23 p4031 A67-40881
- KURIKSHA, A. A.
Partial synthesis of an optimal receiver of light radiation with a photo-mixer. 03 p0368 A67-13282
- KURILCHIK, V. N.
Radio source Sagittarius A as a possible cosmic radiation injector /Radioistochnik Strelets A kak vozmozhnyi inzhektor kosmicheskikh luchei/. 06 p1078 A67-18186
On the nature of radio sources in galaxies. 09 p1563 A67-21629
Sagittarius A as a possible cosmic-ray injector. 16 p2737 A67-30510
- KURILIN, B. I.
Application of the partially Chebyshev approximation principle to the solution of some applied problems of radio engineering /O primenenii chastichno chebyshevskogo printsipa priblizheniya k reshenliu nekotorykh prikladnykh zadach radiotekhniki/. 19 p3201 A67-34909
- KURILKO, V. I.
Diffraction of a plane wave in a rectangular dielectric wedge /Difraktsiya ploskoi khvili na priamokutnom dielektrichnomu klini/. 01 p0020 A67-10139
Electromagnetic wave scattering by a rectangular dielectric wedge /Rasseianie elektromagnitnykh voln priamougol'nym dielektricheskim klinom/. 02 p0191 A67-11579

- Theory of excitation of a gyrotropic plasma waveguide by a coaxial line /K teorii vzbuzhdeniya girotropnogo plazmennogo volnovoda koaksial'noi liniei/. 04 p0665 A67-15165
- Acceleration of an oscillator by laser emission /Uskorenie osttsillatori izlucheniem lazera/. 06 p1012 A67-18787
- Theory of amplification of longitudinal waves by a charged particle beam in a nonlinear plasma. 10 p1686 A67-23587
- Theory of excitation of a gyrotropic plasma waveguide by a coaxial line. 15 p2526 A67-29352
- Waveguide properties of a plasma column in a magnetic field at low frequencies /Volnovodnye svoystva plazmennogo sterzhnia v magnitnom pole na nizkikh chastotakh/. 16 p2718 A67-31189
- The theory of the excitation of a gyrotropic plasma waveguide by a coaxial line /K teorii vzbuzhdeniya girotropnogo plazmennogo volnovoda koaksial'noi liniei/. 16 p2718 A67-31190
- On the theory of magnetohydrodynamic wave dispersion at the ends of waveguides. 16 p2722 A67-31574
- Matching conditions for magnetohydrodynamic and coaxial waveguides. 16 p2722 A67-31575
- Acceleration of an oscillator by laser radiation. 18 p3059 A67-33729
- Nonlinear focusing of electromagnetic waves in a two-level system /Nelineinaya fokusirovka elektromagnitnykh voln v dvukhurovnevoi sisteme/. 21 p3670 A67-38684
- Theory of the scattering of electromagnetic waves by a dielectric wedge /K teorii rasselaniya elektromagnitnykh voln dielektricheskimi kl'nom/. 21 p3585 A67-38686
- KURILO, I. A.**
- Controlled autonomous inverter /Upravlyаемый автономный инвертор/. 07 p1150 A67-19317
- KURLOVA, I. V.**
- Radiative properties of cloud covers /O radiatsionnykh svoystvakh oblachnosti/. 07 p1220 A67-19454
- KURIN, A. F.**
- Linear theory of a cyclotron maser /Lineinaya teoriya tsiklotronnogo mazaera/. 22 p3816 A67-40126
- KURITA, S.**
- Magneto-optical studies of exciton effects in layer-type semiconductor. 06 p1060 A67-18917
- KURIVAKI, E.**
- Turbulent heat transfer in non-Newtonian fluids /Turbulentnyy perenos tepla v nen'yutonovskikh zhidkostyakh/. 12 p2033 A67-25315
- KURIWAKI, Y.**
- Turbulent heat transfer in non-Newtonian fluids. 19 p3344 A67-34869
- KURKIN, O. M.**
- Estimating the effect of the inaccuracy of a priori knowledge of the input-signal correlation characteristics on the filtration quality /Ob otsenke vliyaniya netochnosti priornogo znaniya korrelatsionnykh kharakteristik vkhodnogo signala na kachestvo fil'tratsii/. 17 p2829 A67-32223
- KURKOWSKI, R. L.**
- The reliability contribution of the pilot to a large launch vehicle control system. [AIAA PAPER 67-554] 19 p3335 A67-35951
- KURMAKAEV, Z. KH.**
- Problem of two rotating spherical symmetrical bodies in the general theory of relativity /K voprosu o zadache dvukh vrashchalushchikhsia sfericheskikh simmetrichnykh tel v oto/. 02 p0268 A67-12490
- The problem of two rotating spherically symmetric bodies in general relativity. 10 p1680 A67-23358
- KURMIT, A. A.**
- Distortion of the envelope of an amplitude-modulated signal in a selective high frequency channel /Iskazhenie ogibalushchei amplitudno-modulirovannogo signala v izbratel'nom vysokochastotnom trakte/. 01 p0020 A67-10200
- KURNOSOV, V. D.**
- Self modulation of emission from an injection semiconductor laser. 06 p1009 A67-17756
- Emission of a short single pulse by an injection semiconductor laser. 09 p1516 A67-22659
- KURNOSOVA, L. V.**
- Composition and energy spectrum of primary cosmic rays in the low-energy region. 02 p0310 A67-12582
- Preliminary results of investigation of the nuclear component of cosmic rays by equipment carried by Electron. 02 p0310 A67-12583
- Study of the temporal variations of the nuclear flux of primary cosmic radiation on the satellites Elektron 2 and 4 /Issledovanie vremennykh izmenenii potoka lader pervichnogo kosmicheskogo izlucheniya na sputnikakh Elektron-2 i Elektron-4/. 05 p0877 A67-16085
- Cases of brief increase of the flux of heavy nuclei accompanying X-radiation bursts. 07 p1242 A67-19113
- Effect of a decrease in the intensity of the cosmic-ray nuclear component during magnetic storms with sudden commencement /Effekt ponizheniya intensivnosti ladernoi komponenty kosmicheskikh luchei vo vremia magnitnykh bur's vnezapnym nachalom/. 13 p2194 A67-27332
- Preferential acceleration of heavy nuclei on the sun /O prelmushchestvennom uskorenii tiazhelykh lader na solntse/. 13 p2195 A67-27341
- Composition of primary cosmic rays /Sostav pervichnogo kosmicheskogo izlucheniya/. 23 p4053 A67-41090
- Modulating effects of the nuclear cosmic-ray component during minimum solar activity /Modulatsionnye efekty ladernoi komponenty kosmicheskikh luchei v minimume solnechnoi aktivnosti/. 23 p4055 A67-41104
- The case of the generation of heavy nuclei in solar cosmic rays /Sluchai generatsii tiazhelykh lader v solnechnykh kosmicheskikh luchakh/. 23 p4056 A67-41113
- Investigation of time variations of the flux of nuclei in primary cosmic radiation with the aid of Elektron II and Elektron IV. 24 p4212 A67-42761
- KUROBE, T.**
- Frequency doublers with general nonlinear varactors. 01 p0040 A67-11234
- KUROCHKIN, A. P.**
- Use of optical systems and holography in the reconstruction of SHF antenna radiation patterns from field measurements in the Fresnel zone /Ob ispol'zovanii opticheskikh sistem i metoda golografi dlia vosstanovleniya diagramm napravlenosti antenn S.V.Ch. po izmereniyam pola v zone Frenel'/. 07 p1183 A67-19143
- Use of holography in reconstruction of polar diagrams of UHF antennas from field measurements in the Fresnel zone. 17 p2861 A67-33222
- KURODA, M.**
- An analysis of a multi-degree-of-freedom system by a dividing method. 13 p2156 A67-26527
- KURODA, P. K.**
- Galactic and solar nucleosynthesis. 02 p0320 A67-11472
- Magnesium-28 in rain - Produced by cosmic rays. 04 p0692 A67-14495
- Excess xenon 129 and tellurium abundances in chondritic meteorites. 09 p1570 A67-22694
- Mass-yield distribution of the iodine isotopes from the spontaneous fission of plutonium-242 and the existence of plutonium-244 in the early solar system. 24 p4191 A67-42450
- Iodine, uranium and tellurium contents in meteorites. 24 p4233 A67-42616
- Fission and spallation xenon in meteorites. 24 p4238 A67-42886
- KURODA, S. T.**
- Stationary methods in the theory of scattering. 02 p0268 A67-12726
- KUROKAWA, A.**
- Weather radar and radar relay equipment. 14 p2290 A67-28998
- KUROSAWA, T.**
- Negative feedback amplifier in semiconductor integrated circuit. 01 p0040 A67-11241
- KUROVA, I. A.**
- Observation of the movement of electric domains in n-Ge having a partially compensated upper Au level. 08 p1367 A67-20411
- Impurity photoconductivity spectra of p-type germanium with Ga, Hg, Au, and Ni impurities. 10 p1693 A67-23583
- KURSANOV, I. V.**
- Calculation of averaged cross sections for electron-induced resonance charge exchange and ionization of an accelerated beam of atoms /Raschet usrednennykh sechenii rezonansnoi pereziaridki i ionizatsii elektronami uskorenno atomarnogo puchka/. 02 p0278 A67-12629
- Calculation of average cross sections for ionization and resonant charge transfer for the electrons in an accelerated atomic beam. 13 p2171 A67-27387
- KURSHIN, L. M.**
- Equivalent reinforcement of holes /Ob ekvivalentnom podkrepnenii otverstii/. 12 p2019 A67-25564
- KURSKII, I. A.**
- Electron states and interband optical transfers in the strong electric fields of semiconductors /Elektronnye sostoiniya i mezhzonnnye opticheskie perekhody v sl'nykh elektricheskikh poliyakh v poluprovodnikakh/. 10 p1695 A67-23659
- Electron states and interband optical transitions in strong electric fields in semiconductors. 17 p2924 A67-33340
- KURSKII, V. N.**
- Optimal choice of the parameters of a communication channel in random coding /Ob optimal'nom vybere parametrov kanala svyazi pri sluchainom kodirovani/. 05 p0764 A67-16901
- Optimum selection of parameters of a transmission channel in the case of random coding. 16 p2822 A67-30877
- KURSUNOGLU, B.**
- Diffusion as a problem of statistical path. 03 p0469 A67-13718
- KURT, V. G.**
- The total quantity of neutral hydrogen in the earth's upper atmosphere. 07 p1170 A67-19103
- Distribution of the neutral hydrogen in the geocorona up to 20 R sub e. 10 p1706 A67-23223
- Study of receivers for measuring ultraviolet radiation in the upper atmosphere and in outer space /Issledovanie priemnikov, prednaznachennykh dlia izmereniya ul'trafiolotovogo izlucheniya v verkhnei atmosfere zemli i kosmicheskomo prostranstve/. 13 p2121 A67-27335
- Scattering of solar L sub alpha radiation on galactic hydrogen /Rasselanie solnechnogo L sub alpha-izlucheniya na galakticheskomo vodorode/. 15 p2549 A67-29144
- Measurements of the ultraviolet radiation of the metagalactic gas, made outside the atmosphere. 18 p3116 A67-33524
- Extra-atmospheric measurements of the UV and X-ray background and their role in intergalactic gas studies /Vneatmosfernye izmereniya ul'trafiolotovogo i rentgenovskogo fona i ikh rol' v izuchenii mezhgalakticheskogo gaza/. 21 p3705 A67-38591
- Scattering of solar Lyman-alpha radiation by galactic hydrogen. 24 p4222 A67-43067
- KURTIN, S.**
- AC superconducting solenoid for kilogauss field modulation. 14 p2288 A67-28747
- KURTULLAEV, R. KH.**
- Excitation of strong collisionless shock waves in a plasma. 04 p0666 A67-15187
- Cylindrical waves in a rarefied plasma in the presence of strong "noncollision" dissipation /Tsilindricheskie volny v razrezhennoi plazme pri nalichii sl'noi "besstolknovitel'noi" dissipatsii/. 07 p1227 A67-19308
- Investigation of cylindrical waves in a rarefied plasma /Issledovanie tsilindricheskikh voln v razrezhennoi plazme/. 11 p1842 A67-24964
- On certain characteristics of plasmas heated by collisionless shock waves. 12 p1976 A67-26074
- Influence of dispersion effects on the structure of a shock wave in a magnetized plasma. 18 p3084 A67-33525
- KURTZ, A. D.**
- Semiconductor transducers using piezoresistance. 23 p4005 A67-41371
- KURTZ, E. F., JR.**
- Computer-aided study of the stability of parallel incompressible flows in a co-linear magnetic field. 20 p3423 A67-37242
- KURTZ, P.**
- Strength of sintered specimens containing

- hollow glass microspheres. 20 p3473 A67-36779
- KURTZ, P., JR. Strength of biaxially prestressed ceramic plates after nonuniform heating. 20 p3538 A67-36778
- KURUPPU, U. S. Optimization of control systems with nonlinear plants by means of the maximum principle. 02 p0224 A67-11511
- KURUSHIN, E. P. Theory of coupled open resonators /Do teori zvlazanih vdkritikh rezonatoriv/. 21 p3638 A67-37864
- KURZ, L. Design of timelimited and almost timelimited signals imbedded in colored Gaussian noise. 02 p0204 A67-12171
- KURZIN, V. B. Dynamic stability of blades in a cascade in the case of a slight mismatch of the natural frequencies /O dinamicheskoi ustoychivosti lopatok v reshetke pri maloi rassstroike sobstvennykh chastot/. 03 p0520 A67-12880
- Interference of profiles in an unsteady subsonic flow /Interferentsiya profilov v dozvukovom nestatsionarnom potoke/. 17 p2792 A67-32903
- Solution of the problem of an unsteady flow past a solid blade cascade by the splicing method /Reshenie zadachi o neustanovivshemsia obtekanii reshetki telesnykh profilov metodom sklevaniia/. 18 p2984 A67-34217
- KUSAINOV, M. K. Mercury flow in a duct in a transverse magnetic field /Techenie rtuti v lotke v poperechnom magnitnom pole/. 01 p0120 A67-10179
- Graph-analytical calculation of an MHD-generator channel /Grafoanaliticheski raschet kanala MGD-generatora/. 13 p2169 A67-27308
- Investigation of one-dimensional plasma flow in the channel of an MHD energy converter /Issledovanie odnornernogo techenia plazmy v kanale MGD-preobrazovatel'ia energii/. 24 p4196 A67-42216
- KUSCH, H. J. Pressure broadening of titanium lines by means of neutral argon atoms /Druckverbreiterung von Titanlinien durch neutrale Argonatome/. 16 p2703 A67-30665
- KUSCHEL, G. Flow of mercury in a rotating torus with inductive power transmission and the effect of an azimuthal magnetic field on it /Ueber die Quecksilberstroemung in einem rotierenden Torus mit induktiver Kraftuebertragung und deren Beeinflussung durch ein azimutales Magnetfeld/. 17 p2900 A67-32342
- KUSHIDA, R. Theory of laminar flames in stagnation flows. [CI PAPER 67-7] 19 p3345 A67-35002
- KUSHIDA, T. Absorption and emission properties of optically pumped ruby. 05 p0820 A67-18658
- KUSHNAREVA, N. P. Structural sensitivity of the plastic properties of molybdenum alloys produced by electron-beam fusion /O strukturnoi chuvstvitel'nosti plasticheskikh sploystv molybdenovykh splavov elektronoluchevoi plavki/. 01 p0101 A67-10936
- High-temperature internal friction in nickel-chromium alloys /Vysokotemperaturnoe vnutrennee trenie v splavakh nikel'-khrom/. 14 p2338 A67-28675
- The structure sensitivity of the plastic properties of molybdenum alloys produced by electron-beam melting. 22 p3820 A67-39790
- KUSHNER, H. Converse theorems for stochastic Liapunov functions. 15 p2458 A67-29898
- KUSHNER, H. J. Stability of stochastic dynamical systems. 06 p0974 A67-17931
- Dynamical equations for optimal nonlinear filtering. 13 p2146 A67-27094
- Approximations to optimal non-linear filters. 16 p2651 A67-31680
- Nonlinear filtering - The exact dynamical equations satisfied by the conditional mode. 19 p3199 A67-34778
- KUSHNEREVSKII, I. U. V. Ionospheric "turbidity" /O "mutnosti" ionosfery/. 02 p0236 A67-11670
- Ionospheric "turbidity." 16 p2665 A67-31085
- Relation between S sub q variations and drift in the ionosphere /Sviaz' S sub q - variatsii drefla v ionosfere/. 16 p2669 A67-31908
- KUSHNEROV, V. A. Study of the deformations in microsections of polycrystals with the aid of photoelastic coatings /Issledovanie deformatsii v mikrooblastakh polikristallov pri pomoshchi fotoprugikh pokrytii/. 20 p3540 A67-37059
- KUSHNIR, V. F. Input impedance of laser resonator /O vkhodnom soprotivlenii rezonatora kvantovogo usilitelia/. 05 p0780 A67-17474
- KUSHNIR, V. S. Theoretical and experimental studies of the self-excitation regimes associated with interaction of a travelling magnetic field and a flow of ionized gas. 12 p1977 A67-26077
- KUSHNIRENKO, N. A. Method for obtaining high-strength titanium welds without hardening by heat treatment /Puti poluchenia vysokoprugnykh titanovykh shvov bez uprochnialushchel termicheskoi obrabotki/. 07 p1190 A67-19295
- KUSHPII, V. I. Measurements of the brightness of the earth as a planet in the water-vapor absorption band, phi, and in the transparency window of 1.25 microns. 07 p1183 A67-20006
- KUSHTALOVA, I. P. Investigation of the sintering of loose powders of titanium and zirconium carbides /Issledovanie spekania svobodno nasypanykh poroshkov karbida titana i karbida tsirkoniia/. 22 p3820 A67-39564
- KUSHTIN, I. F. Photogrammetric refraction in high-altitude surveying /Fotogrammetricheskai refraktsiia pri s'emke s bol'shikh vysot/. 05 p0808 A67-17033
- Photogrammetric refraction in a survey from great altitudes. 21 p3627 A67-38265
- KUSHUL, M. IA. Nonlinear oscillations of elastic pendulums with elastic couplings /Nelineinye kolebania uprugikh malatnikov s uprugimi sviaziami/. 03 p0469 A67-14161
- KUSHWAHA, R. S. Potential tensor of electric field and virial theorem for plasmas. 03 p0482 A67-13746
- KUSKEVICS, G. Surface ion source phenomena and technology. I. 04 p0689 A67-15013
- Composite cesium ionizers with enhanced lifetime characteristics. [AIAA PAPER 66-219] 14 p2376 A67-28124
- KUSNEZOV, N. Magnetoelastic-elastic wave scattering. 22 p3856 A67-39364
- KUSOFFSKY, U. Observations of a flare spray at the solar limb on July 11, 1966. 10 p1703 A67-23798
- KUSSOY, M. I. Free-flight measurements of aerodynamic viscous effects on lifting reentry bodies. [AIAA PAPER 67-165] 06 p0941 A67-18507
- Free-flight measurements of aerodynamic viscous effects on lifting re-entry bodies. [AIAA PAPER 67-165] 19 p3169 A67-34618
- Drag measurements of cones in the rarefied flow regime. 21 p3565 A67-38884
- KUSTANHEIMO, P. Spinor representation of the energetic identities of Kepler motion /Die Spinordarstellung der Identitaeten der Keplerbewegung/. 15 p2561 A67-30054
- KUSTOV, V. V. Endogenous carbon monoxide formation and its importance in a closed ecological system. 07 p1136 A67-19107
- KUSUDA, T. Worm motion of domain walls in Permalloy films. 22 p3860 A67-39901
- KUSUMANTO Indonesia's first space center. 19 p3207 A67-35234
- Modifications of ion-densities due to temperature variations. 19 p3224 A67-35491
- KUSZELL, A. A new derivation of the kinetic equation for an inhomogeneous plasma. 08 p1366 A67-21431
- KUTALADZE, L. M. Electroluminescence spectra of gallium phosphide diodes /O spektakh elektroluminestsentsii diodov na osnove fosfida galliia/. 12 p1914 A67-25438
- KUTASOV, V. A. New data on the effect of charged and neutral impurities on the heat conductivity of the Bi sub 2 Te sub 3 crystal lattice /Novye dannye o vliianii zariazhenykh i neutral'nykh primesel na teploprovodnost' kristallicheskoii reshetki Bi sub 2 Te sub 3/. 01 p0127 A67-10073
- KUTATELADZE, G. A. A specific case of the torsional problem /Ob odnom chastnom sluchae zadachi krucheniia/. 20 p3535 A67-36122
- KUTATELADZE, M. G. Response of individual neurons of the optical cortex of cats to vestibular stimulation /Reaktsiia odinochnykh neuronov zritel'noi oblasti kory golovnoho mozga koshek na razdrazhenie vestibul'nogo apparata/. 13 p2058 A67-26758
- KUTATELADZE, S. S. Some applications of the asymptotic theory of the turbulent boundary layer. 04 p0610 A67-15838
- Calculation of turbulent heat transfer at a semipermeable surface during injection of a foreign gas /K raschetu turbulentnogo teploobmena na polupronitsaemoi poverkhnosti pri vdvue inorodnogo gaza/. 05 p0927 A67-17000
- Effect of convective heat transfer on plasmatron characteristics /O vliianii konvektivnogo teploobmena na kharakteristiki plazmotrona/. 11 p1843 A67-24970
- The concept of a fluid with disappearing viscosity and some problems of the phenomenological theory of turbulence near the wall. 20 p3424 A67-37461
- Turbulent boundary layer in the presence of surface chemical reactions /Applicable to carbon surfaces / Turbulentnyi pogranichnyi sloi pri nalichii khimicheskikh reaktsii na poverkhnosti /primenitel'no k uglerodnym poverkhnostiam/. 24 p4252 A67-41935
- KUTEVA, Z. N. Programed telescope control systems /Sistemy programnogo upravleniia teleskopami/. 02 p0241 A67-11992
- KUTHE, R. Calculation of approximate equations from thermodynamic data of a high temperature air-carbon plasma - Calculation with the help of coefficients /Naeherungsgleichungen zur Berechnung von thermodynamischen Daten von hocherhitzten Luft-Kohlenstoff-Gemischen - Berechnung mit Hilfe von Koeffizienten/. 10 p1732 A67-22919
- Thermodynamic properties of an air-carbon plasma /Termodinamicheskie svoystva vozdušno-uglerodnoi plazmy/. 17 p2894 A67-32147
- KUTIK, M. The determination of the working regime of gas lasers. 14 p2328 A67-27771
- Experimental method for determining optimum coupling in a gas laser /Doswiadczenia sposob wyznaczenia optymalnego sprzenia w laserze gazowym/. 14 p2333 A67-28971
- The influence of plasma instability on the operation of gas lasers /Vliv nestabil'ity plazmatu na cinnost plynovykh laseru/. 24 p4168 A67-42561
- KUTISHCHEV, G. P. Optimal parameters of refrigeration units using a heat-emitting regenerative gas cycle /Optimal'nye parametry kholodil'nykh ustanovok, rabotalushchikh po gazovomu regenerativnomu tsiklu s izlucheniem tepla/. 10 p1596 A67-23022
- KUTNEY, J. T. Propulsion system development for V/STOL transports. [AIAA PAPER 64-606] 03 p0502 A67-12902
- High bypass versus low bypass engine installation considerations. [SAE PAPER 660735] 04 p0690 A67-15779
- KUTNOHORSKY, V. Electromagnet for an experimental DC MHD generator /Elektromagnet pro experimentalni, stejnosierny, magnetoplazmodinamicky generator/. 14 p2247 A67-27950
- KUTTNER, B. On "translated quasi-Cesaro" summability. 03 p0461 A67-13940
- KUTUZOV, I. A. Preliminary results of processing of synchronous photographic observations of the satellite "Echo I." 07 p1144 A67-19769

- KUTUZOV, S. M.
Mutual couplings in a one-dimensional scanned dipole array. 14 p2279 A67-28005
- KUTUZOV, V. K.
Stability of periodic solution for a class of nonlinear systems. 20 p3408 A67-37043
- KUTZER, A.
The ESRO 2 satellite project. 24 p4241 A67-42402
- KUWABARA, G.
Magneto-optical studies of exciton effects in layer-type semiconductors. 06 p1060 A67-18917
- KUWANO, H.
A silicon space charge limited diode. 12 p1914 A67-25459
- KUYKENDALL, W. E.
Lunar and planetary surface analysis using neutron activation. 05 p0843 A67-16546
- KUYPER, D. J.
Simplified thermal fatigue analysis for liquid rocket combustion chambers. 05 p0874 A67-17226
- KUZEL, R.
Apparatus for measuring contact voltage by the vibrating capacitor method /Aparatura na mereni kontaktniho potencialu metodou vibracniho kondensatoru/. 06 p1005 A67-18728
- KUZEMKO, A. M.
Calculation of stress concentrations at holes in shallow shells subjected to flint deformation /K raschetu kontsentratsii naprazhenii u otverstii v konechnodeformiroemykh pologikh obolochkakh/. 12 p2023 A67-25594
- KUZENKOVA, M. A.
Investigation of the sintering of zirconium diboride - Molybdenum disilicide alloys /Issledovanie spekanii spлавov diborida tsirkoniia s disilitsidom molibdena/. 01 p0102 A67-11242
The mechanism of shrinkage of zirconium diboride during sintering. 03 p0456 A67-14191
Sintering of alloys of zirconium diboride with molybdenum disilicide. 17 p2875 A67-33167
- KUZHEVSKII, B. M.
Preliminary results of investigating the variations in the intensity of cosmic rays by the Cosmos-25 satellite /Predvaritel'nye rezul'taty issledovaniia variatsii intensivnosti kosmicheskikh luchei na ISZ Cosmos-25/. 05 p0878 A67-16092
Deuterons in cosmic rays /O deitronakh v kosmicheskikh luchakh/. 05 p0878 A67-16096
Preferential acceleration of heavy nuclei on the sun /O preimushchestvennom uskorenii tiazhelykh lader na solntse/. 13 p2195 A67-27341
Study of cosmic rays with ionization chambers on board Cosmos 19 and Cosmos 25 /Issledovanie kosmicheskikh luchei na ISZ Kosmos-19 i Kosmos-25 s pomoshch'yu ionizatsionnoi kamery/. 23 p4055 A67-41100
Preliminary results of a study of cosmic ray intensity variations by means of Kosmos 25. 24 p4213 A67-42768
On deuterons in cosmic rays. 24 p4213 A67-42772
- KUZHURINA, L. A.
Exobiology and the effect of physical factors on micro-organisms. 15 p2427 A67-29117
- KUZINA, L. N.
Study of the W-Ta-Re system by the diffusion-layer method /Issledovanie sistemy W-Ta-Re metodom diffuzionnykh sloev/. 20 p3468 A67-37180
- KUZHURINA, L. A.
A comparative evaluation of different methods for detection of extraterrestrial life. 19 p3180 A67-35250
- KUZMA, D. C.
Magnetohydrodynamic lubrication flow between parallel plates. 04 p0627 A67-14461
The magnetohydrodynamic thrust bearing. 24 p4162 A67-42566
- KUZMA, E.
Noise measuring device for semiconductor elements in the frequency range from 2 Hz to 30 kHz /Uklad ko pomiaru szumow elementow polprzewodnikowych w zakresie czestotliwosci 2 Hz - 30 kHz/. 02 p0223 A67-12797
- KUZMA, I. U. B.
X-ray studies of the Nb-Ni-Al system /Rentgenostrukturalnoe issledovanie sistemy Nb-Ni-Al/. 04 p0638 A67-15204
- KUZMA, V. M.
Natural frequencies of the longitudinal oscillations of rods with random parameters /Sobstvennyye chastoty prodol'nykh kolebani stержней со случайными параметрами/. 12 p2031 A67-25957
- KUZMAK, G. E.
Optimal interorbital transfers between near-circular noncoplanar closely spaced orbits /Optimal'nye perelety mezhdublizkimi okolo krugovymi nekomplanarnymi orbitami/. 15 p2563 A67-30389
- KUZMENKO, N. V.
Phase diagram of the system chromium-germanium. 16 p2691 A67-31592
- KUZMENKO, P. P.
Photomechanical effect in germanium containing weakly soluble elements as impurities. 04 p0680 A67-15285
Influence of certain impurities and heat treatment on the photomechanical effect in germanium /Do pitanniia pro vpliv delakikh domishok i termomekhanichnol obrobki na fotomekhanichnol efekt v germanii/. 13 p2174 A67-26400
- KUZMENKO, V. O.
Stressed state of a discrete medium /Pro napruzhenii stan diskretnogo seredovishcha/. 16 p2766 A67-31144
- KUZMICHEVA, A. E.
Forbush effect in September and October 1962 /Forbush-effekt v Sentjabre-Oktubre 1962 g./. 05 p0881 A67-16121
The Forbush decrease of Sept.-Oct. 1962. 24 p4214 A67-42797
- KUZMIN, A. D.
Results of radio observations of Mercury, Venus, and Mars /Rezultaty radionabludenii Merkuriia, Venery i Marsa/. 03 p0509 A67-13317
The brightness temperature and polarization of Venus at 3.75-cm wavelength. 04 p0702 A67-15566
Wide-band feed for an antenna of "parabolic cylinder" type /Shirokodiapazonnyi obluchatel' dlia anteny tipa "parabolicheskii tsilindr"/. 08 p1306 A67-21340
Some discrete radio emission sources at 9.6 cm /Nekotorye diskretnye istochniki radioizlucheniia na volne 9,6 cm/. 08 p1401 A67-21351
Radioastronomical methods of antenna measurements. 12 p1915 A67-25842
Radio Physics 1965-1966 /Radiofizika 1965-1966/. 15 p2553 A67-29241
Results of radio observations of Mercury, Venus, and Mars. 16 p2741 A67-30493
Wide-range exciter for a "parabolic cylinder" antenna. 17 p2822 A67-31936
Some discrete radio emission sources at 9.6 cm. 17 p2940 A67-31947
Two-layer model of the Venusian atmosphere - Interpretation of radar observations /Dvukhsloinnaia model' atmosfery Venery - Ob interpretatsii radiolokatsionnykh nabludenii/. 17 p2941 A67-32322
The results of radio observation of the planets. 18 p3123 A67-34144
- KUZMIN, A. I.
Asymmetry in cosmic ray variations. 02 p0311 A67-12596
Distribution of cosmic rays and the reception vectors of the detector. I /Raspredelenie kosmicheskikh luchei i priemnyye vektory detektorov. I/. 05 p0884 A67-17121
Cosmic-ray distribution and receiving vectors of detectors. II /Raspredelenie kosmicheskikh luchei i priemnyye vektory detektorov. II/. 10 p1698 A67-22778
Cosmic-ray distribution and the acceptance vectors of detectors. I. 21 p3698 A67-38484
Cosmic-ray distribution and the reception vectors of detectors. III /Raspredelenie kosmicheskikh luchei i priemnyye vektory detektorov. III/. 21 p3699 A67-39018
Twenty-seven-day cosmic-ray variations /27-Dnevnye variatsii kosmicheskikh luchei/. 23 p4058 A67-41108
Principal characteristics of the Forbush-decreases during periods of minimum solar activity /Osnovnyye kharakteristiki Forbush-spado v period minimuma solnechnoi aktivnosti/. 23 p4057 A67-41118
Sidereal diurnal variations caused by the modulation of cosmic rays /Zvezdno-sutochnye variatsii, obuslovlennye modulatsiei kosmicheskikh luchei/. 23 p4059 A67-41129
Identification of the true fluctuations of diurnal variations /K vydeleniiu istinnnykh
- fluktuatsii sutochnoi variatsii/. 23 p4059 A67-41131
Variations of high-energy cosmic rays /Variatsii kosmicheskikh luchei vysokikh energii/. 23 p4059 A67-41133
Use of matrices in the investigation of the distribution of cosmic rays /Ispol'zovanie matrits pri issledovanii raspredeleniia kosmicheskikh luchei/. 23 p4059 A67-41134
Cosmic-ray distribution and the acceptance vectors of detectors. II. 24 p4209 A67-42114
- KUZMIN, G. A.
Stability of motion in the case of two small positive roots /Ob ustoiichivosti dvizheniia v sluchae dvukh mal'nykh polozhitel'nykh kornei/. 10 p1681 A67-23680
On the stability of motion in case of two small positive roots. 21 p3657 A67-38281
- KUZMIN, I. U. N.
Plane-layer problem in the theory of heat conductivity for mixed boundary conditions. 09 p1580 A67-21994
- KUZMIN, M. P.
Nictometry during the study of the effects of vestibular irritation on dark adaptation /Niktometriia pri luzhenii vllaniiia vestibularnogo razdrazheniia na temnovulu adaptatsiiu/. 16 p2614 A67-30918
- KUZMIN, S. Z.
Digital processing of radar information /Tsifrovaia obrabotka radiolokatsionnoi informatsii/. 18 p3006 A67-33717
- KUZMIN, V. A.
The problem of thermometry of the sun's interior in neutrino experiments. 01 p0152 A67-11301
The theory of static characteristics of p-n-p-n devices. 11 p1765 A67-24480
- KUZMIN, V. N.
Formation of helium isotopes in cosmic rays /Obrazovanie izotopov geliia v kosmicheskikh luchakh/. 05 p0878 A67-16093
Production of helium isotopes in cosmic rays. 24 p4213 A67-42769
- KUZMIN, W. R.
Relationship of spacecraft systems performance to component part reliability. 15 p2493 A67-29607
- KUZMINA, A. V.
Kinetics of stored-energy buildup in alkali halide crystals after irradiation by protons /Kinetika nakopleniia zapasennoi energii v shchelochno-galoidnykh kristallakh posle oblucheniia protonami/. 01 p0136 A67-11050
Heat of formation of solid solutions and energy stored in them during irradiation by protons /Teplota obrazovaniia tverdykh rastvorov i energii, zapasennaiia v nikh pri oblucheniia protonami/. 01 p0136 A67-11051
- KUZNETSKII, R. S.
Enthalpy and boiling cross section of a liquid in a heated tube. 14 p2406 A67-28311
- KUZNETSOV, A. A.
Dependence of the configuration of the stability region on certain parameters of the control system and the flight vehicle /Zavisimost' konfiguratsii oblasti ustoiichivosti ot nekotorykh parametrov sistemy upravleniia i letatel'nogo apparata/. 04 p0552 A67-15883
Effect of an axial magnetic field on the power output of a neon-helium laser operating in a regime of simultaneous generation of the 3.39 and 0.6328- μ lines /Vllianie aksial'nogo magnitnogo polia na vykhodnulu moshchnost' neon-gelievogo lazera, rabotaiushchego v rezhime odnovremennoi generatsii linii 3,39 i 0,6328 mk/. 07 p1196 A67-19601
Dependence of the costs of a rocket on the weight and resistance of the airframe elements /Zavisimost' stoimosti letatel'nogo apparata ot vesa i soprotivleniia agregatov planera/. 14 p2245 A67-28638
Effect of an axial magnetic field on the output power of a neon-helium laser simultaneously generating lines of 3.39 and 0.6328 microns. 20 p3462 A67-37340
- KUZNETSOV, A. IA.
Evaluation of the fatigue life of aircraft-engine components from a survey of defect data in maintenance /Otsenka ustalostnoi dolgovechnosti detaiei aviadvigatelei po dannym defektatsii pri remonte/. 04 p0691 A67-15902
- KUZNETSOV, A. P.
Ultraviolet spectrum of the earth according to measurements from Cosmos-65. 07 p1178 A67-19801
The earth's ultraviolet spectrum according to the measurements from the Cosmos 65

- satellite. 10 p1647 A67-23277
- KUZNETSOV, B. A.
Investigation of the initial phase of plastic deformation of polycrystalline metals /Izuchenie nachal'noi stadii plasticheskoi deformatsii polikristallicheskikh metallov/. 08 p1343 A67-21333
- KUZNETSOV, B. G.
Effect of the atmosphere on the characteristics of radio telescopes of maximally large dimensions. 07 p1158 A67-20241
- KUZNETSOV, G. I.
Atmospheric ozone over the tropical zone of the Atlantic Ocean /Atmosfernyi ozon nad tropicheskimi polosami Atlanticheskogo Okeana/. 05 p0799 A67-17026
Atmospheric ozone and its variations connected with the circulation over the Atlantic ocean. 11 p1785 A67-23958
- KUZNETSOV, G. M.
Calculation of maximum concentrations for the solidus of germanium and silicon solid solutions /Raschet maksimal'noi kontsentratsii na krivoi solidus tverdykh rastvorov germaniya i kremniya/. 04 p0677 A67-14943
Softening and recrystallization of deformed niobium during annealing /Razuprochnenie i rekristallizatsiya deformirovannogo niobia pri ozhigeh/. 22 p3823 A67-40326
- KUZNETSOV, I. A.
Calculation of unsteady thermoelastic stresses in a plane wall /Graschet nestatsionarnykh termoprugikh napriazhenii v ploskoi stenke/. 13 p2219 A67-27059
- KUZNETSOV, I. L.
Flame turbulence study by photoelectrical method /Issledovanie turbulentnosti plamen fotoelektricheskimi metodami/. 05 p0927 A67-16942
Investigation of flame turbulence by the photoelectric method. 14 p2406 A67-28490
- KUZNETSOV, I. U.
Hydraulic sensor of angular accelerations /Gidravlicheskiy datchik uglovykh uskoreniy/. 22 p3809 A67-40477
- KUZNETSOV, I. K.
Plasma drift instability in a discharge with oscillating electrons /Dreifovala neustoiichivost' plazmy razriada s ostsiliruiushchimi elektronami/. 15 p2528 A67-29711
Drift instability of a discharge plasma with oscillating electrons /Dreifovala neustoiichivost' plazmy razriada s ostsiliruiushchimi elektronami/. 16 p2717 A67-31180
- KUZNETSOV, I. U.
Importance of the statistical properties of the input useful signals in determining the algorithm of an optimum binary-detection system. 01 p0024 A67-10722
Invariant operating regime of an optimal receiver in a binary system of signal reception /Ob invariantnom rezhime raboty optimal'nogo priemnika v binarnoi sisteme priema signalov/. 16 p2624 A67-31029
- KUZNETSOV, M. G.
Two-mirror antenna with automatic phasing and an experimental study of the antenna /Dvukhzerkal'naya antenna s avtomaticheskimi fazirovaniem i ee eksperimental'noe issledovanie/. 13 p2080 A67-27024
- KUZNETSOV, N. M.
Electron recombination kinetics in molecular gases expanding into emptiness /Kinetika elektronnoi rekombinatsii v molekulyarnom gaze, rasshiriaushchemsia v pustotu/. 05 p0927 A67-16992
Vibrational relaxation in a recombining expanding gas. 12 p1929 A67-25755
Radiative capacity of an optically transparent plasma and the ratio between its electron and ion temperatures /Luchispuskatel'naya sposobnost' i sootnoshenie mezhdu temperaturoi elektronov i ionov opticheskoi prozrachnoi plazmy/. 16 p2706 A67-30459
Theoretical methods for observing the quenching of the chemical and electron processes in low-temperature plasma flows /Teoreticheskie metody issledovaniya zakalki khimicheskikh i elektronnykh protsessov v nizkotemperaturnykh plazmennyykh struiakh/. 17 p2896 A67-32169
Possibility of detonation during chemical conversions /O vozmozhnosti detonatsii pri khimicheskikh
- prevrashcheniyakh/. 17 p2809 A67-32977
- KUZNETSOV, N. V.
Asymptotic distribution of natural frequencies of a plane membrane in the case of separable variables /Asimptoticheskoe raspredelenie sobstvennykh chastot ploskoi membrany v sluchae razdellalushchikhsia peremennyykh/. 04 p0708 A67-14671
- KUZNETSOV, O. M.
Vortices in a plane gas-dynamic wake behind a cylinder /Vikhri v ploskom gazodinamicheskom slede za tsilindrom/. 14 p2296 A67-27988
- KUZNETSOV, O. N.
Modeling of psychopathological syndromes by space-psychology methods /Modelirovanie psikhopatologicheskikh sindromov metodami kosmicheskoi psikhologii/. 24 p4112 A67-41856
- KUZNETSOV, S. N.
Behavior of the outer radiation belt according to data obtained by the satellites Elektron 1 and Elektron 2 /Povedenie vneshnego radiatsionnogo polosa po dannym sputnikov Elektron-1 i Elektron-2/. 05 p0880 A67-16110
Behavior of radiation belts and anomalous cosmic radio noise absorption in the auroral zone during the magnetic storms of February 12-14 and 20-21, 1964. 07 p1243 A67-19683
Interrelationship between irregular phenomena in the aurora-zone ionosphere and perturbations in the outer radiation belt /Vzaimosvyez' neregulyarnyykh yavleniy v ionosfere zony polarnyykh silaniy i vozmushcheniy vo vneshnem polase radiatsii/. 10 p1699 A67-22784
Measurements of the cosmic ray intensity during the flight of the Zond-3 automatic space probe. 10 p1701 A67-23230
The structure of the earth's proton radiation belts according to the data of the Electron series of satellites. 10 p1702 A67-23300
Time variations of the intensity in the outer belt and near its boundary deduced from Electron 1 and Elektron 2 data. 12 p1997 A67-25815
Results of investigations of geometrical position and of composition of the earth's radiation belt particles according to Electron 1 and Elektron 2 data. 12 p1998 A67-25818
Investigation of the earth's magnetic field with the aid of radiation belts /Izuchenie magnitnogo polia zemli pri pomoshchi radiatsionnykh polosov/. 14 p2308 A67-27932
Boundary of the outer radiation belt and the region of unsteady radiation /Granitsa vneshnego radiatsionnogo polosa i zona neustoiichivoi radiatsii/. 16 p2740 A67-31886
Radial diffusion of greater than 100 kev electrons in the outer radiation belt. 19 p3313 A67-35257
Correlation between irregular phenomena in the ionosphere of the auroral zone and disturbances in the outer radiation belt. 24 p4209 A67-42120
Behavior of the outer radiation belt according to data collected by Elektron 1 and Elektron 2. 24 p4214 A67-42786
- KUZNETSOV, V. A.
Crystallization of ruby under hydrothermal conditions. 21 p3685 A67-38971
- KUZNETSOV, V. D.
Synphase antenna with a broadband active reflector. 05 p0778 A67-17394
- KUZNETSOV, V. G.
Investigation of the dielectric and optic properties of BaTiO sub 3 single crystals in the infralow frequency range. 03 p0497 A67-13697
Calculation of the derivatives of a radiation dose by the Monte Carlo method in the optimization of the shape and composition of radiation-protection shields /Vychislenie proizvodnykh dozy metodom Monte-Karlo dlia optimizatsii formy i sostava radiatsionnoi zashchity/. 21 p3577 A67-38425
- KUZNETSOV, V. I.
Heat transfer on a flat plate immersed in a laminar flow of a heated liquid. 24 p4143 A67-42281
- KUZNETSOV, V. M.
An oscillatory mechanism possible in magnetohydrodynamics. 04 p0664 A67-14791
Viscous flow of a nonequilibrium gas past a plate /K obtekaniiu plastinki viazkimi potokom neravnovesnogo gaza/. 10 p1590 A67-23024
- KUZNETSOV, V. P.
Properties of epitaxial silicon films grown by vacuum evaporation. 03 p0498 A67-13869
- KUZNETSOV, V. S.
The problem of normalizing noise produced by life-support systems in spaceship cabins during prolonged flights /K probleme normirovaniya shumov v kabinakh kosmicheskikh korabley pri dlitel'nykh poletakh/. 16 p2617 A67-30762
- KUZNETSOVA, L. S.
Experience in strain-gage measurements of large-scale parts at elevated temperatures /Opyt tenzometrirovaniya krupnogabaritnykh detalей pri povysennykh temperaturakh/. 03 p0527 A67-14074
- KUZNETSOVA, M. A.
Combined effects of space-flight factors on certain functions of the body /Kombinirovannyye vozdeystviya faktorov kosmicheskogo poleta na nekotorye funktsii organizma/. 01 p0015 A67-10336
Effect of differently timed overall gamma irradiations on spinal-cord reflex activity - Role of the time factor in radiation reactions of the nervous system /Vlianiye obshchikh gamma-oblucheniі, razlichno raspredelennykh vo vremeni, na reflektornuyu delatel'nost' spinnogo mozga - Rol' faktora vremeni v luchevykh reaktivnykh nervnoi sistemy/. 23 p3943 A67-40767
Complex effect of ten exposures to vibration and fractionated gamma irradiation on the spinal-cord activity of guinea pigs /Kompleksnoe deystvie desiatkratnoi vibratsii i fraktsionirovannogo gamma-oblucheniya na sostoianie spinnomozgovoi reflektornoй delatel'nosti morskikh svynok/. 23 p3943 A67-40768
- KUZNETSOVA, N. N.
Effect of space-flight factors on wheat seeds and plants grown from them. 11 p1747 A67-24081
Determination of impurities in high-purity niobium. 19 p3243 A67-34927
- KUZNETSOVA, R. I.
Some peculiar features of the kinetics and high-temperature creep and breakdown of thin electrolytic metal films /Nekotorye osobennosti kinetiki vysokotemperaturnoi polzuchesti i razrusheniya u tonkikh elektroliticheskikh plenok metallov/. 12 p1955 A67-25448
Some peculiarities in the kinetics of high-temperature creep and fracture in thin electrolytic metal films. 21 p3646 A67-38827
- KUZNETSOVA, S. M.
Study of the W-Ta-Re system by the diffusion-layer method /Issledovanie sistemy W-Ta-Re metodom diffuzionnykh sloev/. 20 p3468 A67-37180
- KUZNETSOVA, T. I.
Nonlinear signal distortions and the saturation of solid-state masers. 21 p3642 A67-38813
Self-synchronization of axial modes in a laser with saturable filters. 23 p4013 A67-40908
- KVALVASSER, V. I.
Green's functions for boundary value problems for the heat equation over regions with uniformly moving boundaries. 04 p0726 A67-15595
- KVAPISH, M. K.
Determination of the impulsive response and transfer function of linear sampled-data systems with variable parameters /O nakhozhdenii perekhodnykh i peredatochnyykh funktsii lineynykh impul'snykh sistem s peremennymi parametrami/. 05 p0784 A67-18705
- KVARTSKHAVA, I. F.
Possible reasons for the effect of electrode polarity on rail gun acceleration of plasma. 02 p0275 A67-12471
Limitation on plasmoid velocity in railotron devices. 02 p0275 A67-12472
- KVASHNIN, A. N.
Solar cosmic rays of September 21 and 26, 1963. 07 p1243 A67-19696
- KVAVADZE, D. K.
Vertically moving perturbations and the structure of the ionosphere /Vertikal'no peremeshchalushchiesia vozmushchenosti i struktura ionosfery/. 10 p1630 A67-22789
Vertically moving perturbations in the nighttime ionosphere /Vertikal'no peremeshchalushchiesia vozmushchenosti v ionosfere v nochnoe vremia/. 10 p1631 A67-22805
Some remarks on the measurement of

- radio-wave absorption in the ionosphere by the A sub 1 method /Nekotorye zamechania ob izmerenii pogloshchenia radiovoln v ionosfere pri pomoshchi metoda A sub 1/. 20 p3378 A67-36124
- Vertically moving disturbances and the structure of the ionosphere. 24 p4149 A67-42125
- Vertically moving disturbances in the nighttime ionosphere. 24 p4150 A67-42142
- KVIFTE, G. J.**
On the coherency of X-ray and optical pulsations in auroras. 17 p2844 A67-32543
- KVIMSADZE, M. V.**
Relaxation of effective temperature of current carriers in semiconductors. 20 p3513 A67-37438
- KVITEK, G.**
Feasibility of colloidal electrodynamic energy converters for space use. 24 p4109 A67-42888
- KVIZ, Z.**
Periodicity of precipitation singularities and its relation to the period of comets and meteor streams /Die Periodizitaet der Niederschlagsingularitaeten und ihr Zusammenhang mit der Umlaufzeit der Kometen und der Meteorstroeme/. 11 p1815 A67-24329
- Optical detection of a meteor by a group of observers - Results of meteor expeditions 1955-1964. 16 p2751 A67-31460
- KWASNIEWSKI, D.**
Small-size He-Ne laser /Laser He-Ne o malych rozmiarach/. 09 p1513 A67-22170
- Heads of a high-energy neodymium laser /Glowice lasera neodymowego o duzej energii/. 09 p1514 A67-22171
- KWATNY, H. G.**
Identification of nonlinear systems using a method of stochastic approximation. 16 p2653 A67-31694
- KWIATKOWSKI, M.**
Certain method for determining the physical-mechanical properties of a glued joint of metal elements on the basis of an analysis of measurement results /Pewien sposob okreslenia wlasnosci fizyko-mechanicznych zlacza klejowego elementow metalowych na podstawie oceny wynikow pomiarow/. 21 p3716 A67-37950
- KWOK, M. A.**
Determination of the velocity distribution function of a gas using a laser. 14 p2317 A67-28194
- KYAW, H.**
Failure analysis of microcircuitry by scanning electron microscopy. 09 p1473 A67-22017
- KYCHKIN, I. N.**
Existence of regions with reduced noise rejection in receivers of relative and ordinary PSK telemetry signals in the presence of concentrated noise /O sushchestvovanii oblastei ponizhennoi pomekhoustoichivosti v priemnike FT i OFT pri deistvii sosedotochenykh pomekh/. 18 p3000 A67-34085
- KYDD, G. H.**
A low-pressure chamber for estimation of the gas exchange ratio. [ASME PAPER 66-WA/HT-52] 04 p0599 A67-15438
- Lung changes resulting from prolonged exposure to 100 per cent oxygen at 550 mm. Hg. 22 p3751 A67-39601
- Survival of rats exposed to 10 psia oxygen to further exposure at one atmosphere oxygen. 23 p3958 A67-41649
- KYDONIEFS, A. D.**
The finite inflation of an elastic toroidal membrane of circular cross section. 11 p1879 A67-25002
- The finite inflation of an elastic toroidal membrane. 17 p2956 A67-31932
- KYHL, R. L.**
Effect of Al super 27 on electron cross relaxation in ruby. 17 p2924 A67-33369
- KYLE, H. C.**
Manned spaceflight communications systems. 12 p1907 A67-25993
- KYLE, T. G.**
Radiative attenuation of sound by CO sub 2 and H sub 2 O. 22 p3829 A67-40232
- KYLSTRA, C. D.**
The performance characteristics and mission capabilities of the nuclear rocket engine. 08 p1412 A67-21107
- KYNER, W. T.**
Modified Encke special perturbation method. 01 p0148 A67-10383
- Remark on a modified Encke special perturbation method. 01 p0148 A67-10384
- A modified Encke special perturbation method. [AAS PAPER 66-93] 07 p1252 A67-19957
- Averaging methods in celestial mechanics. 08 p1347 A67-20383
- A modified Encke special perturbation method - Summary. [AAS PAPER 66-93] 13 p2207 A67-27517
- KYO, Z.**
Electron admittance of reflex klystron. 21 p3596 A67-38604
- KYOGOKU, Y.**
Hydrogen bonding specificity of nucleic acid purines and pyrimidines in solution. 02 p0190 A67-11585
- KYOZUKA, M.**
On various methods of measuring the vertical distribution of atmospheric ozone. I. 16 p2676 A67-31375
- KYRISS, C. L.**
Theoretical investigation of entry vehicle stability in the Mars atmosphere. 07 p1258 A67-19380
- KYSER, D. F.**
Surface recombination velocities and diffusion lengths in GaAs. 06 p1063 A67-18936
- Spatial distribution of excess carriers in electron-beam excited semiconductors. 15 p2442 A67-29180
- KYSOR, H. D.**
Estimating maintenance man-hours per flight hour for business turbojet airplanes. [SAE PAPER 670228] 13 p2053 A67-27294
- KYZER, R. D.**
Low-cycle fatigue of three superalloys under cyclic-extension and cyclic-temperature conditions. [ASME PAPER 67-MET-19] 12 p1956 A67-25955
- LA IACONA, F.**
Diffusion bonding of titanium sandwich structure for Saturn tank wall application. 10 p1661 A67-23702
- LA ROCCA, A. V.**
Solid propellant electrical thrusters for space applications. 01 p0142 A67-11433
- LABAKHUA, S. I.**
Calculation of averaged cross sections for electron-induced resonance charge exchange and ionization of an accelerated beam of atoms /Raschet usrednennykh sechenii rezonansnoi perezariadki i ionizatsii elektronami uskorennykh atomarnogo puchka/. 02 p0278 A67-12629
- Calculation of average cross sections for ionization and resonant charge transfer for the electrons in an accelerated atomic beam. 13 p2171 A67-27387
- LABARRERE, M.**
Nonlinear compensation and self-adaptation /Compensation non lineaire et auto-adaptation/. 05 p0785 A67-17271
- LABAT, J.**
Structure and electrochemical properties of nickel hydroxides. 09 p1458 A67-22183
- LABAT, J. M.**
Influence of trapped magnetic field on plasma parameters in a theta pinch. 14 p2353 A67-27751
- LABBE, J.**
Strong-coupling superconductivity in V sub 3 X type of compounds. 24 p4205 A67-42738
- LABEYRIE, J.**
Flux and energy spectra of primary cosmic X and gamma rays between 20 kev and 1 mev. 10 p1701 A67-23231
- LABIANCA, F. M.**
Radiation and scattering problems in compressible plasmas. I. 07 p1141 A67-19443
- Radiation and scattering problems in compressible plasmas. II. 07 p1141 A67-19444
- LABITZKE, K.**
A detailed study of the horizontal and vertical distribution of ozone. 06 p0996 A67-18446
- LABOIS, E.**
Electrical conductivity of argon and cesium plasmas for MHD conversion /Conductivite electrique des plasmas argon, cesium pour conversion MHD/. 12 p1970 A67-25253
- Ionization outside equilibrium and relaxation of ionization in cesium-seeded argon /Neravnovesnaya ionizatsiya i
- relaksatsiya ionizatsii v argone s prisadkoj tseziya/. 17 p2894 A67-32152
- LABORGE, S.**
Direct observation of abrupt transmission change during ruby-laser emission /Direkte Beobachtung der sprunghaften Ueberbesetzungsänderung während der Laseremission beim Rubinlaser/. 04 p0634 A67-15649
- LABOURDETTE, J. R.**
Application and development of circular bending tests in the plastic viscoelastic domain /Interet et réalisation des essais de flexion circulaire dans le domaine elasto-visco plastique/. 20 p3537 A67-36476
- LABREE, C. T.**
Fresnel diffraction patterns of an array of circular apertures. 22 p3835 A67-39235
- LABS, D.**
Absolute radiation intensity of the center of the solar disk in the spectral range from 3288 greater than or equal to lambda greater than or equal to 12,480 angstrom units /Die absolute Strahlungsintensitaet der Mitte der Sonnenscheibe im Spektralbereich 3288 greater than or equal to lambda greater than or equal to 12,480 angstrom units/. 06 p1089 A67-18710
- LABSKER, L. G.**
Asymptotic form of a uniform approximation of abstract functions by a single family of linear integral operators /Asimptoticheskiy vid ravnomennoi approksimatsii abstraktnykh funktsii odnim semelstvom lineynykh integral'nykh operatorov/. 14 p2341 A67-27834
- LABUC, T.**
Effect of the torsional deformation of the wing on the longitudinal static fixed-stick stability of a glider /Wplyw skretnego odkształcenia skrzydła na podluzna statecznosc statyczna szybowcow z drzaklem trzymanym/. 16 p2596 A67-31001
- The effect of wing twist distortion on glider static longitudinal stability with stick fixed. 18 p2986 A67-34737
- LABUDA, E. F.**
Continuous second-harmonic generation of lambda angstrom units using the Argon II laser. 15 p2497 A67-29392
- LABZINA, L. I.**
Improvement of the orbits of 20 minor planets /Uluchshenie orbit 20 mal'kikh planet/. 20 p3523 A67-36629
- LACAZE, H.**
Thermal protection by ablation. I. 21 p3731 A67-38377
- LACHANCE, M.**
Composite cesium ionizers with enhanced lifetime characteristics. [AIAA PAPER 66-219] 14 p2376 A67-28124
- LACINA, J.**
Self-consistent magnetic field and integrals of plasma motion. 10 p1685 A67-23463
- Particle distribution function in plasma and the self-consistent magnetic field. 10 p1685 A67-23464
- High-temperature plasma in magnetic mirror systems. 14 p2353 A67-27752
- LACK, G. N. T.**
Optimal control trajectories with minmax objective functions by linear programming. 16 p2650 A67-31670
- LACKEY, W. W.**
Effects of hydrazine on heat balance and source of metabolic energy. 18 p2992 A67-34714
- Metabolic effects of monomethylhydrazine. 23 p3954 A67-41601
- LACKLISON, D. F.**
Numerical solution of the delay of a magnetoelastic wave. 01 p0138 A67-11321
- LACKNER, K.**
Performance studies of plasma accelerators. 02 p0274 A67-12337
- LACOMBE, J.**
Some dielectric and electronic properties of CdSe films. 11 p1851 A67-25032
- LACOSTE, F.**
Solar-sensor system for the D-2 satellite /Le systeme de senseurs solaires pour le satellite D-2/. 21 p3629 A67-38666
- LACOUR, J.**
Study of the equivalence between radiations producing a permanent degradation of the characteristics of silicon transistors obtained by diffusion /Etude de l'equivalence entre les rayonnements produisant une degradation permanente des caracteristiques des transistors silicium obtenus par diffusion/. 17 p2917 A67-32844

- Influence of technology and temperature on the behavior of MOST in the presence of 1-Mev electrons /Influence de la technologie et de la température sur la tenue des MOST aux électrons de 1 MeV/. 17 p2918 A67-32852
- Use of integrated circuits in space environment /Utilisation des circuits intégrés en ambiance spatiale/. 19 p3196 A67-35675
- Integrated circuits with MOS transistors /Circuits intégrés à transistors M.O.S./. 20 p3395 A67-36320
- Tests of the behavior under radiation of MOSTs in the D2 satellite telemetry coder /Tests de tenue aux radiations des MOST du codeur de télémétrie du satellite D2/. 21 p3593 A67-38230
- Logic gate with coupled integrated-circuit transmitters /Porte logique à émetteurs couplés réalisée en circuit intégré/. 23 p3977 A67-40662
- LACOURLY, S.**
- Polarization of type Pci hydromagnetic oscillations observed at two conjugate geomagnetic stations /Polarisation des oscillations hydromagnétiques de type Pci observées en deux stations géomagnétiques conjuguées/. 03 p0406 A67-12818
- Characteristics of the irregular pulsations of diminishing periods /IPDP/ and their relations to the variations of the flux of particles trapped in the magnetosphere /Caractéristiques des pulsations irrégulières de période décroissante /I.P.D.P./ et leurs relations avec les variations du flux des particules piégées dans la magnétosphère/. 20 p3431 A67-37097
- LACROIX, G.**
- Multistable memory with tunnel diodes - Basic element for an aperiodic decade with low resolution time /Mémoire multistable à diodes tunnel - Element de base d'une decade aperiodique à faible temps de résolution/. 01 p0037 A67-10660
- Wide-band amplifier with rapid pulse trains /Amplificateur à large bande pour impulsions rapides/. 23 p3977 A67-40691
- LACZKOWSKI, R.**
- Bar of uniform strength in the case of first-order natural vibrations /Pret rownej wytrzymałości przy drganiach własnych pierwszego rzędu/. 05 p0917 A67-16247
- A matrix method for calculating the natural bending oscillations of strongly twisted blades /Metoda macierzowa obliczania gętych drgań własnych łopatek silnie skreconych/. 16 p2766 A67-31150
- Computation of the flexural center coordinates for an arbitrary asymmetric cross section having a simply connected profile /Obliczanie współrzędnych środka scinania dowolnego przekroju asymetrycznego o brzegu jednospójnym/. 19 p3340 A67-35512
- LADANY, I.**
- Internally reflected filaments in triangular laser diodes. 10 p1662 A67-22716
- LADE, R. W.**
- The effects of Co super 60 gamma radiation on MOS diodes. 20 p3510 A67-36961
- LADER, L. J.**
- Method of reducing side lobes of directive antennas. 03 p0389 A67-14349
- LADERMAN, A. J.**
- Shock-tube performance with area divergence at the diaphragm section. 21 p3609 A67-38886
- Optimum shock-tube length with divergence at the diaphragm section. 23 p3988 A67-41756
- LADNOVA, L. A.**
- Approximate method for calculating the nonequilibrium laminar boundary layer of a wall with arbitrary catalytic activity /Priblizhenniy metod rascheta neravnovesnogo laminarnogo pogranichnogo sloia dlia stenki s proizvol'noi kataliticheskoj aktivnost'iu/. 12 p1928 A67-25673
- Dissociation relaxation in a viscous hypersonic layer /Relaksatsiya dissiatsii v viazkom giperzvukovom sloe/. 24 p4091 A67-42270
- LADWIG, J. E.**
- A precision capacitive pressure transducer suitable for airborne applications. 01 p0071 A67-11102
- LADYGIN, M. V.**
- The effect of a longitudinal magnetic field on the inversion population of the lower levels of Ar II in a capillary arc discharge. 24 p4196 A67-42244
- Inversion of population of the 4s and 4p states of Ar II in a stationary arc discharge. 24 p4196 A67-42245
- LADYZHENSKAIA, O. A.**
- Certain properties of generalized solutions of second-order parabolic equations. 02 p0259 A67-11916
- Regularity of the generalized solutions of the general nonlinear and nonstationary Navier-Stokes equations. 19 p3209 A67-35445
- LADYZHENSKII, M. D.**
- Strong interaction between the boundary layer and the inviscid flow past a triangular wing. 01 p0007 A67-10982
- LAEMMERZAH, P.**
- K-Ar age determinations for iron meteorites. II - Spallation Ar 40 and Ar-40/Ar-38 exposure ages /K-Ar Altersbestimmungen an Eisenmeteoriten. II - Spallogenes Ar super 40 und Ar super 40 - Ar super 38 - Bestrahlungsalter/. 02 p0326 A67-12308
- LAFAVOR, S. A.**
- Advanced materials and structures for entry systems. [AIAA PAPER 67-805] 24 p4251 A67-42964
- LAFFITTE, P.**
- Quadratic chain-breaking processes and their influence on the kinetics of three-limit explosion systems in the explosion peninsula. 18 p3156 A67-33848
- LAFLAMME, A. K.**
- Improvements to a balloon-borne sun-seeker. 07 p1184 A67-19396
- Frictionless bearing for balloon. 07 p1191 A67-19403
- LAFLEUR, J. D., JR.**
- Considerations of nuclear power and propulsion. [AAS PAPER 67-132] 15 p2516 A67-29967
- LAFONT, R.**
- Iron-chromium-bauxite cermets - Preparation and properties /Cermets fer-chrome-bauxite - Preparation, propriétés/. 18 p0605 A67-34260
- Raman effect of colored substances - Solutions of potassium, sodium and ammonium dichromates - Use of a He-Ne gas laser /6328 angstrom units/ /Effet Raman des substances colorées - Solutions des bichromates de potassium, sodium, ammonium - Utilisation d'un laser à gaz He-Ne /6328 angstrom units/. 19 p3240 A67-35421
- LAFONTAINE, E.**
- Radiotelemetric recordings of the electroencephalograms of civil aviation pilots during flight. 01 p0017 A67-10962
- Influence of air travel East-West and vice-versa on circadian rhythms of urinary elimination of potassium and 17-hydroxycorticosteroids. 22 p3751 A67-39606
- Modern psychopharmacology in aeronautical medicine - Its value and dangers, its professional consequences. 23 p3967 A67-41603
- LAFRAMBOISE, J.**
- The ion collection of free molecular cylindrical Langmuir probes in flowing plasmas. 19 p3297 A67-35591
- LAGARKOV, A. N.**
- Conditions of validity of the local thermodynamic equilibrium approximation. 16 p2723 A67-31767
- LAGERWERFF, J. M.**
- Prolonged weightlessness exposure and its expected effects on man. 12 p1902 A67-25725
- LAGOS, C. P.**
- Numerical studies of seasonal and latitudinal variability in a model thermosphere. 06 p0996 A67-18564
- LAGRAFF, J. E.**
- C sub 2 F sub 4 dissociation in nitrogen shocks. 05 p0759 A67-16840
- LAGRANGE, J. B.**
- Integrated circuits for radar application. 18 p3015 A67-34562
- LAGRONE, A. H.**
- Progress in radio propagation in nonionized media. 05 p0760 A67-16009
- Number density determination in the atmosphere of O sub 2, H sub 2 O and CO sub 2 gas constituents by use of a high intensity laser beam. 15 p2500 A67-29911
- Radar cross-section of a meteorological model of a coherent-dot radar angel. 20 p3480 A67-36286
- LAGUNOVA, T. S.**
- Negative magnetoresistance in Cu-doped n-type GaAs. 20 p3513 A67-37440
- LAGUTIN, M. F.**
- Meteoric phenomena in the earth's atmosphere - Results of researches on international geophysical projects /Meteornye javleniia v atmosfere zemli - Rezul'taty issledovanii po mezhdunarodnym geofizicheskim proektam/. 16 p2754 A67-31866
- LAHAYE, B.**
- Interband transitions and plasmon excitation in calcium fluoride /Transitions interbandes et excitation de plasmons dans le fluorure de calcium/. 09 p1558 A67-22585
- LAHAYE, E.**
- Determination and calculation of the real trajectories of the N-body problem by convergent integral iterations /Sur la détermination et le calcul des trajectoires réelles du problème des N corps par des iterations intégrales convergentes/. 16 p2750 A67-31441
- On the solution of the equations of motion of a sun-earth-moon-artificial satellite system by convergent integral iterations in the hypothesis of an ellipsoidal earth of revolution /Sur la résolution par des iterations intégrales convergentes des équations du mouvement d'un système soleil-terre-lune-satellite artificiel dans l'hypothèse d'une terre ellipsoïdale de révolution/. 19 p3328 A67-35899
- LAHIRI, S.**
- Acid-base in Sherpa altitude residents and lowlanders at 4880 m. 17 p2806 A67-32333
- LAHN, R. M.**
- The determination of the orientation of a uniformly rotating or rapidly rotating vehicle utilizing the outputs from solar sensors and a lateral magnetometer. 08 p1409 A67-20538
- LAHTI, J. N.**
- On the multidimensional aspects of the coherence tensor excited by a distributed source. 09 p1482 A67-21606
- LAI, F.-S.**
- Temperature distribution in a fin partially cooled by nucleate boiling. 22 p3919 A67-40387
- LAI, J.-L.**
- Influence of transverse shear and edge condition on nonlinear vibration and dynamic buckling of homogeneous and sandwich plates. 05 p0910 A67-16146
- Application of Galerkin's method to the dynamic analysis of structures. 10 p1717 A67-23138
- LAI, P. T.**
- Green's tensor of a plane elastic strip with stress-free edges /Tenseur de Green d'une bande élastique plane à bords libres de contrainte/. 19 p3340 A67-35450
- Elastic potentials, Green and Neumann tensors /Potentiels élastiques, tenseurs de Green et de Neumann/. 19 p3341 A67-35541
- LAIG-HOERSTEBROCK, H.**
- Regular and irregular spiking of a ruby laser /Regelmaessiges und unregelmässiges Spiken des Rubinlasers/. 17 p2867 A67-32402
- LAIKHTMAN, D. L.**
- Utilization of aerological data in determining aircraft bumping in a free atmosphere. 02 p0263 A67-12647
- Dynamics of the atmospheric boundary layer /Dinamika pogranichnogo sloia atmosfery/. 13 p2151 A67-26687
- Dynamics of the atmospheric boundary layer. 21 p3654 A67-38429
- LAINE, D. C.**
- Modulation effects in an ammonia beam maser oscillator. 05 p0817 A67-16636
- Fluctuations in the amplitude of oscillation of an ammonia beam maser. 09 p1513 A67-22043
- LAINE, M. J.**
- Configuration management. 04 p0739 A67-14424
- LAINER, D. I.**
- Oxidation mechanism of titanium alloys with up to 11 percent aluminum content /O mekhanizme oksleniia splavov titana, soderzhashchikh do 11 percenta aluminila/. 05 p0829 A67-16492
- Some features of the oxidation of titanium. 05 p0829 A67-16759
- Mechanism of oxidation of alloys of titanium containing up to 11 percent aluminum. 17 p2875 A67-33175
- LAINER, E. V.**
- Effect of thermal treatment on the texture of titanium alloys with electrodeposited chromium and nickel /Vlianie termicheskoi obrabotki na teksturu

- titanovyykh splavov i elektroosazhdennykh na
nikh khroma i nikella/. 04 p0637 A67-14944
- LAINER, L. V.**
The part played by oxygen in the
structural changes of silicon single crystals
during thermal treatment /Rol' kislороda v
izmenenii struktury monokristallov kremniia
pri termicheskoi obrabotke/. 08 p1370 A67-21205
- LAINER, V. I.**
Mechanism underlying the activation of a
titanium surface before deposition of
galvanic coatings. 14 p2336 A67-27868
- LAIRD, C.**
Cyclic stress-strain response of f.c.c.
metals and alloys. I, II. 22 p3821 A67-40033
- LAIRD, C. E.**
Approximate electron radial functions for
beta decay and analysis of super 12 B and
super 12 N spectra. 20 p3488 A67-36915
- LAIRD, J. D.**
The measurement of ion densities with a
flat plate, continuum Langmuir probe in a
shock tube. 19 p3296 A67-35590
- LAIRD, W. M.**
Bounds for the natural frequencies of a
simply supported beam carrying a uniformly
distributed axial load. 14 p2403 A67-29005
- LAI, C.**
Electrical conductivity of MgF sub 2 -
doped lithium fluoride at ambient
temperature /Conductibilite electrique a
temperature ambiante du fluorure de
lithium dope au MgF sub 2/. 12 p1978 A67-25149
- LAJCHTMAN, D. L.**
Effect of macrometeorological conditions
and local peculiarities on the structure of
the lower layers of the atmosphere /Einfluss
der makrometeorologischen Bedingungen
und oertlicher Besonderheiten auf die
Struktur der unteren Schichten der
Atmosphaere/. 11 p1815 A67-24326
- LAJEUNESSE, F.**
Worldwide meteorological systems using
satellites /Systemes de meteorologie
mondiale faisant usage de
satellites/. 16 p2759 A67-30686
- LAJOS, K.**
System for the automatic control of
complex vacuum evaporation techniques
/Berendezes osszettett vakuumgozolesi
folyamatok automatikus
szabalyozasara/. 01 p0078 A67-10299
- LAKIN, G.**
Energy dissipation of nonlinear critically
damped systems during
impact. 23 p4072 A67-40609
- LAKITS, E.**
Study, in the case of small signals, of
wide-band and high-gain multicavity klystron
amplifiers /Etude, en petits signaux, de
klystrons amplificateurs multicavite a tres
large bande passante et gain
eleve/. 09 p1478 A67-22254
- LAKIZO, V. I.**
High-speed tunnel-diode scalar
/Bystrodelstvuluschala pereschetnala
lachelka na tunnel'nykh
diodakh/. 03 p0376 A67-14266
- LAKSHMIKANTHAM, C.**
General instability of orthotropically
stiffened cylinders under axial compression.
[AIAA PAPER 66-139] 01 p0163 A67-11154
Optimum thin-wall pressure vessels of
anisotropic materials.
[ASME PAPER 66-APM-BB] 04 p0717 A67-15915
On the bending elastic stability of
isotropic cylinders. 09 p1575 A67-22164
- LAKSHMIKANTHAM, V.**
General dynamical systems and conditional
stability. 09 p1532 A67-21661
Converse theorems for conditional stability
of motion. 24 p4189 A67-42690
- LAKSHMINARAYANA, B.**
Effect of shear flows on the outlet angle
in axial compressor cascades - Methods of
prediction and correlation with
experiments. 04 p0548 A67-15387
- LAKTIONOV, A. G.**
An airborne photoelectric measurement
device for cloud droplets. 07 p1189 A67-20009
Vertical distribution of cloud condensation
nuclei in the free atmosphere
/Raspredelenie oblachnykh lader
kondensatsii po vysote v svobodnoi
atmosfera/. 24 p4181 A67-42163
- LAKURLI, S.**
Polarization of Pc 1 /pearl/-type
hydromagnetic oscillations at the
magnetically conjugate points Sogra /USSR/
and Kerguelen Island /Polarizatsiia
gidromagnitnykh kolebani tipa Pc-1
/zhemchuzhiny/ v magnitno sopriazhennykh
tochkakh Sogra /SSSR/-KERGELEN
/Frantsiia/. 17 p2850 A67-32974
- LAL SACHDEV, P.**
A numerical procedure for shock problem
using artificial heat
conduction. 06 p0992 A67-18830
- LAL, D.**
Cosmic ray produced radioactivity on the
earth. 14 p2380 A67-27967
Nuclear effects of "solar" and "galactic"
cosmic-ray particles in near-surface regions
of meteorites. 24 p4210 A67-42634
- LAL, R. B.**
Electron paramagnetic resonance of
photosensitive donors in
ZnO. 06 p1054 A67-18832
- LAL, S.**
A semi Monte Carlo calculation of the flux
of high-energy muons in air
showers. 13 p2195 A67-27579
- LALANNE, F.**
Mobile hydrogen generators and fuel cells
at medium temperatures /Generateurs
mobiles d'hydrogene et piles a combustible a
moyenne temperature/. 14 p2253 A67-29021
- LALANNE, J.-R.**
Molecular electronic excitation by
ultraviolet lasers - Application to flash
spectroscopy /Excitation electronique
moleculaire par laser ultraviolet -
Application a la spectroscopie par
eclair/. 10 p1663 A67-22854
Amplification of the time resolution of a
flash spectroscopy apparatus equipped with
a switched laser /Augmentation de la
resolution temporelle d'un appareil de
spectroscopie par éclair equipe d'un laser
declenche/. 13 p2126 A67-26599
- LALAU-KERALY, F.**
Effect of reticulation on the pyrolytic
decomposition of nonsaturated polyester
styrene copolymers /Influence de la
reticulation sur la decomposition pyrolytique
de copolymeres polyester
insatuesstyrene/. 05 p0759 A67-16768
- LALL, P. S.**
Transient energy transfer in a gray
radiating gas during
expansion. 08 p1323 A67-21391
- LALLI, G.**
Behavior of some serum enzymes in rats
relative to anatomical and pathological
injuries caused by appreciable very short
transverse decelerations. III
/Comportamento di alcuni enzimi sierici nel
rapporto in rapporto alle lesioni
anatomopatologiche provocate da
decelerazioni trasversali di notevole entita' e
brevissima durata. III/. 06 p0953 A67-17996
- LALLY, K. P.**
Non-linear optical filters for high contrast
displays. 05 p0804 A67-16306
- LALLY, P. M.**
Studies of multipactor suppression on
high-power microwave
windows. 15 p2448 A67-29757
- LALLY, V. E.**
Trial balloons in the Southern
Hemisphere. 07 p1219 A67-19065
Circum-global ghost
flights. 10 p1594 A67-23197
The use of satellites to track ghost
balloons.
[AAS PAPER 67-103] 15 p2420 A67-29958
- LALO-KOURILSKY, C.**
Quadratic chain-breaking processes and
their influence on the kinetics of three-limit
explosion systems in the explosion
peninsula. 18 p3156 A67-33848
- LALOE, F.**
Modification of the polarization matrix of
a luminous beam during the passage through
an atomic vapor subjected to optical
pumping. I /Modification de la matrice
polarisation d'un faisceau lumineux lors de
la traversee d'une vapeur atomique soumise
au pompage optique. I/. 20 p3458 A67-36435
- LALONDE, L. M.**
Incoherent backscatter observations of
sporadic E. 03 p0409 A67-12948
- LALOS, G. T.**
Generation of hot, highly compressed
gases and gas properties revealed by their
emission spectrum. 04 p0611 A67-15946
- LALOV, IV.**
Stark effect in the exciton levels of CdS
and the electro-optical effect in CdS /Effekt
shtarka eksitonnykh urovnel i
elektroopticheskii effekt v sernistom
kadmiil/. 19 p3304 A67-35428
- LAM, L. Y.**
Electric internal heater for the Lockheed
100-inch shock tunnel. 21 p3606 A67-37770
- LAM, S. H.**
The temperature-vorticity analogy in
boundary layers. 04 p0727 A67-15680
A general theory of weakly ionized gas
flows including compressibility and electron
energy effects. 06 p1042 A67-18471
[AIAA PAPER 67-100]
An electrostatic model for stellar winds.
[AIAA PAPER 67-146] 06 p1088 A67-18476
On the capabilities of the cold-ion
approximation in collisionless plasma
flows. 14 p2356 A67-28202
- LAM, T.**
Noise and oscillations in cold-doped
germanium photodiodes. 06 p0971 A67-18220
- LAMB, G. L., JR.**
Propagation of ultrashort optical
pulses. 20 p3461 A67-37286
- LAMB, J. P.**
An approximate theory for developing
turbulent free shear layers.
[ASME PAPER 66-WA/FE-17] 04 p0606 A67-15352
- LAMB, L. E.**
Effects of 9-alpha-fluorohydrocortisone and
venous occlusive cuffs on orthostatic
deconditioning of prolonged bed
rest. 01 p0016 A67-10960
Metabolic effects of prolonged bed rest -
Their modification by simulated altitude.
[SAM-TR-66-296] 07 p1134 A67-19857
- LAMB, R. C.**
Search for quarks in cosmic
rays. 03 p0506 A67-13261
- LAMB, W. E., JR.**
Quantum theory of an optical maser.
I. 19 p3239 A67-35034
- LAMBECK, R. P.**
Hydraulic power units for supersonic
aircraft. 17 p2800 A67-31969
- LAMBELL, A. J.**
Experimental information-storage
filter. 21 p3601 A67-39067
- LAMBERT, D. L.**
Abundance of helium in the
sun. 17 p2947 A67-32763
Forbidden nitrogen I lines in the infra-red
solar spectrum. 17 p2948 A67-32819
Forbidden carbon I lines in the solar
spectrum. 19 p3324 A67-35435
- LAMBERT, J. A. B.**
The importance of service inspection in
aircraft fatigue. 24 p4250 A67-42442
- LAMBERT, J. D.**
A generalisation of multistep methods for
ordinary differential
equations. 08 p1348 A67-21191
- LAMBERT, J.-P.**
Optical constants of seven ionic crystals at
low temperature in the far infrared -
Difference process - Role of impurities
/Constantes optiques de sept cristaux
ioniques a basse temperature dans
l'infrarouge lointain - Processus de
difference - Role des
impuretes/. 14 p2374 A67-28986
- LAMBERT, L. B.**
Real-time electrooptical signal processors
with coherent detection. 19 p3197 A67-35687
- LAMBERT, R. B.**
Experiments on the effect of horizontal
shear and change of aspect ratio on
convective flow in a rotating
annulus. 03 p0463 A67-13932
Harmonic generation in Taylor vortices
between rotating
cylinders. 04 p0601 A67-14462
- LAMBERT, R. G.**
Development of a magnetic delay line
isolation system. 05 p0779 A67-17458
- LAMBERTS, K.**
Electrical Communications Techniques.
Part 2 - High-Frequency Techniques
/Elektrische Nachrichtentechnik. Part 2.
Hochfrequenztechnik/. 21 p3597 A67-38532
- LAMBIOTTE, J. J.**
A photometric technique for deriving
slopes from lunar orbiter
photography. 19 p3230 A67-35322
- LAMBLE, J. H.**
Low-endurance fatigue of an aluminium
alloy and a stainless steel in plane bending
at ambient and elevated
temperatures. 05 p0920 A67-16810
Low-endurance fatigue studies in torsion

- for steel and aluminium alloy. 12 p2016 A67-25425
- LAMBOURION, J.**
Calibration methods at high levels. 09 p1484 A67-21938
- LAMBRECHT, J.**
Using the ELDO - A launcher for research and development on aerodynamic re-entry. 15 p2564 A67-29094
A West German approach to reusable launch vehicles. 15 p2568 A67-29841
- LAMBROPOULOS, P.**
On the theory of stimulated Brillouin scattering with Stokes feedback. 05 p0823 A67-16683
- LAMNEVIK, S.**
A sodium-lithium point cloud payload. 03 p0413 A67-13375
- LAMONICA, C. J.**
Launching missiles safely from advanced marine systems. 10 p1621 A67-22769
- LAMORTE, M. F.**
Threshold dependency on photon energy in GaAs laser diodes. 03 p0379 A67-13480
P-n junctions as optical sources. 07 p1231 A67-19081
Radiative recombination in gallium arsenide p-n junctions. 10 p1693 A67-23523
Degradation phenomena of operating life in gallium arsenide electroluminescent diodes. 10 p1615 A67-23526
Thermal resistance of GaAs laser diodes. 11 p1802 A67-24744
Instrumentation for advanced microelectronic measurements. 19 p3193 A67-35028
- LAMPARD, T. R. G.**
A ground integrity monitor for category III I. L. S. for use with the automatically landing aircraft. 09 p1529 A67-22644
- LAMPER, R. E.**
Natural oscillations of an elastic axisymmetric vessel of arbitrary contour /Sobstvennyye kolebaniya nepryamoougol'nogo sosa pruzhiny nogo kontura/. 12 p2020 A67-25566
- LAMPERT, H. M.**
Finding failure-prone components. 23 p4009 A67-40912
- LAMSON, E. R.**
Lubrication of ball bearings with volatile organic compounds. 01 p0077 A67-10120
- LANCASTER, J. K.**
The influence of substrate hardness on the formation and endurance of molybdenum disulphide films. 10 p1659 A67-22867
Friction and wear of polymers reinforced with carbon fibres. 16 p2694 A67-31021
- LANCASTER, P.**
Lambda-matrices and vibrating systems. 04 p0644 A67-14869
- LANCE, R. H.**
On automatic construction of velocity fields in plastic limit analysis. 13 p2219 A67-27153
- LANCIANI, P.**
Cosmic rays and large distance features of the interplanetary space. 13 p2191 A67-26323
- LANCON, R.**
Mechanism of the photovoltaic effect in cadmium telluride photovoltaic cells /Sur le mecanisme de l'effet photovoltaique dans les photopiles au tellure de cadmium/. 08 p1285 A67-20733
- LANCOT, D. C.**
An application-oriented multiprocessing system. IV. 23 p3976 A67-41059
- LANCZI, E. R.**
Photometry of precessing cylinders. 10 p1652 A67-22714
- LANCZOS, C.**
Boundary value problems and orthogonal expansions. 01 p0106 A67-10734
The Variational Principles of Mechanics /3rd Edition/. 18 p3079 A67-34100
- LAND, K. M.**
Further study on "A stability criterion for panel flutter via the second method of Liapunov." 23 p4081 A67-41752
- LAND, N. S.**
Laboratory simulation of lunar surface erosion by rockets. 12 p1922 A67-25701
- LANDA, O.**
The influence of changes of the feedback upon the performance. 22 p3756 A67-40536
- LANDA, P. S.**
Wave synchronization in a gas laser with a ring resonator. 09 p1513 A67-22063
Stability of a counter-travelling wave regime in a ring gas laser /Ob ustoychivosti rezhima vstrechnykh voln v kol'tsevom gazovom lazere/. 19 p3239 A67-34898
Simulation of the torsional bending vibrations of a wing in an air flow /determination of the critical flutter speed/ /Modelirovaniye izglbno-krutil'nykh kolebaniy kryla v potoke vozdukh /opredeleniye kriticheskoy skorosti flattera/. 21 p3718 A67-37992
- LANDAHL, M.**
On the pressure loading functions for oscillating wings with control surfaces. 10 p1593 A67-23712
- LANDAHL, M. T.**
Recent developments in the supersonic flow over axisymmetric bodies with continuous or discontinuous slope. [AIAA PAPER 67-5] 06 p0939 A67-18303
Solution of the transonic airfoil problem through parametric differentiation. [AIAA PAPER 66-90] 08 p1276 A67-20563
Solution of nonlinear flow problems through parametric differentiation. 15 p2469 A67-29221
A wave-guide model for turbulent shear flow. 22 p3782 A67-39529
- LANDAIS, R.**
The flexible wing - General characteristics and applications /La voilure souple - Proprietes generales et applications/. 03 p0359 A67-12993
- LANDAU, L. D.**
Field Theory /Teoriya Polya/ /5th Edition/. 20 p3486 A67-37207
- LANDAUER, R.**
Laser pulse distortion in a nonlinear dielectric. 09 p1511 A67-21748
- LANDEL, R. F.**
Some effects of fillers on the deformation and rupture of an elastomer. [JPL-TR-32-922] 08 p1420 A67-20892
Equilibria between metallic sodium and aromatic hydrocarbons. 09 p1458 A67-22214
Fracture of amorphous polymers. 16 p2694 A67-31313
A test of the predictability of the properties of filled systems. [AIAA PAPER 67-491] 18 p3143 A67-33956
Some experimental observations on the stored energy function for small values of strain invariants. 18 p3145 A67-34486
The strain-energy function of a hyperelastic material in terms of the extension ratios. 18 p3145 A67-34642
- LANDERS, J. E.**
Radiographic screening of relays to ameliorate high reliability devices. 13 p2084 A67-27695
- LANDES, J. D.**
Creep analysis for composite member. 12 p2031 A67-25953
- LANDESMAN, E. M.**
Hilbert-space methods in elliptic partial differential equations. 14 p2341 A67-27849
- LANDGRAF, G.**
Contribution to the notch-stress theory /Beitrag zur Kerbspannungstheorie/. 22 p3913 A67-40004
- LANDGRAF, S. K.**
Aerodynamic design considerations of variable geometry aircraft. [SAE PAPER 670880] 24 p4094 A67-42014
- LANDGREBE, A. J.**
A reassessment of rotor hovering performance prediction methods. [AHS PAPER 100] 16 p2594 A67-31817
- LANDGREBE, D. A.**
A multichannel image data handling system for agricultural remote sensing. 24 p4157 A67-42435
- LANDIG, T. W.**
New developments and projected trends in maraging steels. 22 p3819 A67-39388
- LANDINI, M.**
Solar X-ray emission by the satellite 1965-16D during the period from 8 April to 31 July 1965. 10 p1701 A67-23228
Atmospheric density measured by the attenuation of the solar X-rays monitored on the NRL 1965-16-D satellite. 11 p1857 A67-24605
Three solar X-ray events observed during the Quiet-Sun Year 1964. 12 p1999 A67-25836
Solar X-ray flux measured by the 1964-01-D solar radiation satellite during the I.Q.S.Y. 17 p2938 A67-33185
Determination of the solar X-ray spectrum by using the atmospheric extinction. 19 p3314 A67-35441
- LANDIS, F.**
Friction and heat transfer characteristics in turbulent swirl flow subjected to large transverse temperature gradients. [ASME PAPER 67-HT-24] 20 p3546 A67-36718
- LANDIS, J.**
A digital system for the simultaneous recording of multichannel analog transients. 01 p0076 A67-11142
- LANDIS, W.**
Investigation of the unsteady temperature field in the nozzle head of a solid-propellant rocket with the aid of the electrical analog method /Untersuchung des instationaeren Temperaturfeldes im Duesenkoerper einer Feststoffrakete mit Hilfe der elektrischen Analogiemethode/. 07 p1268 A67-19568
- LANDISMAN, M.**
Seismic studies of the earth's crust in continents. II - Analysis of wave propagation in continents and adjacent shelf areas. 01 p0080 A67-10502
Preliminary study of the propagation of spheroidal disturbances on the surface of a heterogeneous spherical earth. 02 p0237 A67-11790
Propagation of disturbances in a Gutenberg-Bullen A' spherical earth model - Travel times and amplitudes of S waves. [SR-16] 20 p3435 A67-37675
- LANDMAN, V. G.**
Maxwellian representation of the distribution of reflected atoms in terms of mass, momentum, and energy fluxes /Maksvellovskoe predstavleniye raspredeleniya otrazhennykh atomov cherez potoki massy, impul'sa i energii/. 05 p0749 A67-17109
- LANDMARK, B.**
Structure and formation of the D-region. 14 p2311 A67-28406
- LANDO, I. U. K.**
Solvability of an integrodifferential equation /O razreshimosti integro-differentsial'nogo uravneniya/. 15 p2511 A67-29890
- LANDOLT, A. U.**
UBV observations of long-period variable stars. II. 22 p3880 A67-39415
- LANDOVITZ, L. F.**
Intermediate vector bosons as unobservable particles. 13 p2161 A67-27578
- LANDRAM, C. S.**
Radiant heat transfer from nongray surfaces with external radiation. [AIAA PAPER 66-21] 03 p0533 A67-13043
Semi-isotropic model for radiation heat transfer. 23 p4083 A67-41718
- LANDRE, E.**
A collection of spectral diagrams of solar radio type IV events. 04 p0692 A67-14588
- LANDRE, J. K.**
Effect on time resolution of ambient gas around rotating mirrors. 03 p0424 A67-13915
- LANDROCK, G.**
Aeronautical research in Western Germany. 06 p0981 A67-18754
- LANDRUM, R. G.**
Oxygen difluoride propellant system design and operational experience at Arnold center. [AIAA PAPER 67-279] 07 p1164 A67-20049
- LANDRY, C. R.**
Clear-air turbulence - Simultaneous observations by radar and aircraft. 20 p3481 A67-36996
- LANDRY, M. J.**
Copying holograms. 02 p0246 A67-12513
- LANDS, J. F., JR.**
Development of a terminal landing rocket system for Apollo-type vehicles. 08 p1413 A67-21515
- LANDSBERG, P. T.**
Does a moving body appear cool/warm? 03 p0466 A67-12847
Special relativistic thermodynamics. 04 p0658 A67-15610
Radiative decay in compound semiconductors. 15 p2536 A67-29634
- LANDSMAN, A. P.**
Study of the radiation resistance of silicon photoconverters - From the results of the Elektron 3 satellite experiment /Issledovanie radiatsionnoy stoykosti kremniykh fotopreobrazovatelei - Po dannym eksperimenta na ISZ "Elektron-3"/. 02 p0240 A67-11543
Investigation of certain characteristics of p-n junction photovoltaic energy converters produced by ion bombardment. 04 p0680 A67-15284
Analysis of the spectral and temperature curves of photoelectric converters /solar cells/ and selection of effective areas for

- their use. 07 p1131 A67-19105
Investigation of the distribution of phosphorus atoms in the surface layer of silicon photoconverters for various thermal diffusion regimes /Issledovanie raspredeleniya atomov fosfora v poverkhnostnom sloe kremniyevykh fotopreobrazovatelei pri razlichnykh rezhimakh termodiffuzii/. 12 p1982 A67-25322
Study of high-efficiency GaAs solar cells and the possibilities of improving them /Issledovanie vysokoeffektivnykh solnechnykh elementov iz arsenida galliya i vozmozhnosti ikh uluchsheniya/. 13 p2056 A67-27623
Investigations into the radiation stability of silicon photoconverters /from the experimental data obtained on the artificial earth satellite "Electron-3"/. 16 p2677 A67-31609
Investigation of the electrical characteristics of GaAs p-n diffusion junctions used as solar cells /Issledovanie elektricheskikh kharakteristik GaAs diffuzionnykh p-n-perekhodov, ispol'zuemykh v kachestve solnechnykh elementov/. 19 p3300 A67-34769
Investigation of the radiation resistance of silicon semiconductor detectors when irradiated by protons with an energy of 2.3 Mev /Issledovanie radiatsionnoi tolstosti kremniyevykh poluprovodnikovykh detektorov pri obluichenii protonami s energiei 2,3 Mev/. 21 p3628 A67-38596
- LANDWEHR, G.**
Shubnikov-de Haas effect in tellurium. 06 p1065 A67-18949
Band parameters and g-factor for n-type Bi sub 2 Te sub 3 from the Shubnikov-De Haas effect. 14 p2369 A67-28596
- LANE-SMITH, D. R.**
A new design of sign-discriminating field mill. 16 p2671 A67-30972
- LANE, D. H.**
Thermoelectric materials from powder metallurgy. 01 p0099 A67-10709
Development and application of low-noise 6.5 percent Si-Fe sheet. 13 p2178 A67-27139
- LANE, D. W.**
A study of the relationship between the incipient cavitation number and the Reynolds number. 22 p3787 A67-40176
- LANE, F.**
Frequency effects in the radar return from turbulent weakly ionized missile wakes. [AIAA PAPER 67-23] 06 p0963 A67-18258
- LANE, J. A.**
Far-Infrared spectrum of liquid water. 01 p0115 A67-11082
Experimental investigation of refractive-index variations in the troposphere. 14 p2264 A67-28394
Absorption and scintillation effects at 3mm wavelength on a short line-of-sight radio link. 14 p2274 A67-28923
- LANE, J. C.**
Frequency of examinations for airline pilots. 18 p2992 A67-34722
- LANE, J. F.**
The turbulent reattachment fluid amplifier. 10 p1597 A67-23389
- LANE, J. H.**
Development of the Aerobee 350 sounding rocket. 08 p1404 A67-20496
Development of the Aerobee 350 sounding rocket. 22 p3904 A67-40090
- LANE, N. E.**
Analysis of qualitative data in the biological sciences. 01 p0017 A67-10956
- LANE, N. F.**
Rotational excitation of diatomic molecules by slow electrons - Application to H sub 2. 20 p3491 A67-37687
- LANE, R. Q.**
DC and RF performance of a new epitaxial depletion mode "n" channel most. 02 p0218 A67-12103
- LANE, R. S.**
A thermistor probe for low velocity flow measurements. 14 p2318 A67-28342
- LANERY, E.**
Asymptotic study of Markovian control systems /Etude asymptotique des systemes Markoviens a commande/. 14 p2291 A67-28510
- LANG, A. R.**
Birefringence, X-ray topography and electron microscope examination of the plastic deformation of diamond. 08 p1346 A67-20795
- LANG, G.**
Testing of materials with X-ray T.V. installations /Materialpruefung mit Roentgenfernsehnrichtungen/. 18 p3045 A67-33737
- LANG, H.**
Amplitude-dependent internal friction and defect structures in aluminum. I - Measuring methods /Amplitudenabhaengige Daempfung und Moduldefekt in Aluminium. I - Messmethoden/. 01 p0067 A67-10842
Amplitude-dependent internal friction and defect structures in aluminum. II - Experiments in the KC range /Amplitudenabhaengige Daempfung und Moduldefekt in Aluminium. II - Untersuchungen im kHz-Gebiet/. 01 p0100 A67-10843
Amplitude-dependent internal friction and defect structures in aluminum. IV - Investigation of the critical shearing stress /Amplitudenabhaengige Daempfung und Moduldefekt in Aluminium. IV - Untersuchung zur kritischen Schubspannung/. 01 p0101 A67-10845
Preliminary experiments in the MHD staustrahlrohr project /Vorlaeufige experimente zum projekt MHD-Staustrahlrohr/. 04 p0560 A67-15966
Energy conversion with liquid metal working fluids in MHD-staustrahlrohr. 16 p2604 A67-30572
- LANG, K.**
Optical superheterodyne receiver. 19 p3184 A67-35685
Continuous wave laser ground-to-space-to-ground laser experiment. 21 p3578 A67-37858
- LANG, R.**
On agreement between predicted and actual energy cost incurred during the operation of a space suit system. 16 p2618 A67-30781
- LANG, T.**
Computer analysis of large structural systems. [AIAA PAPER 67-955] 24 p4127 A67-43038
- LANG, W. E.**
Simulation of deployment dynamics of spinning spacecraft. [AIAA PAPER 67-207] 06 p0980 A67-18325
- LANGDON, P. J.**
High energy initiators /HEI/. 08 p1372 A67-20526
- LANGHE-HESSE, G.**
Radio aurora. I, II. 18 p3038 A67-33617
- LANGE, A. H.**
Investigation of wedges and cones at high Reynolds numbers in a hypersonic free piston tunnel. 04 p0600 A67-15822
- LANGE, B. O.**
Control synthesis for spinning aerospace vehicles. 07 p1257 A67-19359
The application of Floquet theory to the computation of small orbital perturbations over long time intervals using the Tschauer-Hempel equations. 16 p2744 A67-30729
Results of experimental studies in the active damping of free-rotor gyroscopes. 19 p3233 A67-35986
- LANGE, F. D.**
Measurement of the drift velocities of nitrogen ions from the jet of a plasma burner /Messung der Driftgeschwindigkeiten von Stickstoffionen aus dem Strahl eines Plasmabrenners/. 19 p3271 A67-35075
- LANGEL, I. U.**
The UVFD-1 flaw detector for the inspection of nonmetallic laminated structures and products. 09 p1502 A67-22096
- LANGEL, K.**
Waveguide irises with a more general longitudinal section /Hohlleiterblenden allgemeineren Laengsschnitts/. 10 p1607 A67-23571
- LANGEL, K. O.**
The behavior of small animals in fields of simulated gravity. 23 p3950 A67-41549
- LANGEL, V. N.**
Chemical bond and structure of the ternary compound InAsTe. 20 p3506 A67-36226
- LANGEL, W. J.**
Calibration of low pressure Penning discharge type gauges. 06 p0950 A67-17748
- LANGEL, R. A.**
First magnetic field results from the OGO-2 satellite. 10 p1641 A67-23244
- LANGELIER, R. M.**
The transmission of digital signals through random, time-variant, dispersive channels with application to chaff scatter. 09 p1462 A67-21604
- LANGENBECK, P. H.**
Lloyd Interferometer applied to flatness testing. 23 p4002 A67-41263
- LANGENSIEPEN, L.**
Simple secondary antenna for monopulse operation /Eine einfache Sekundaerradantenne fuer Monopulsbetrieb/. 06 p0967 A67-17616
- LANGER, D. W.**
Phonon coupling in edge emission and photoconductivity of CdSe, CdS, and Cd /Se sub x S sub 1 sub -x/. 05 p0870 A67-17196
- LANGER, G.**
A continuous ice nucleus counter and its application to tracking in the troposphere. 10 p1654 A67-22818
- LANGER, J. S.**
Theory of the condensation point. 07 p1268 A67-20089
- LANGFELDER, H.**
Variable sweepback of a wing /Variable Pfeilung des Fluegels/. 03 p0351 A67-12995
- LANGFORD, D.**
New analytic solutions of the one-dimensional heat equation for temperature and heat flow rate both prescribed at the same fixed boundary /with applications to the phase change problem/. 08 p1428 A67-21432
Pseudo-similarity solutions of the one-dimensional diffusion equation with applications to the phase change problem. 14 p2405 A67-28254
- LANGFORD, G. J.**
Plasma arc welding for large titanium aerospace structures. [SAE PAPER 680646] 01 p0078 A67-10609
Plasma arc welding of titanium. 01 p0081 A67-11039
- LANGFORD, R. C.**
Unconventional inertial sensors. 05 p0806 A67-16517
- LANGHOFF, P. W.**
Uniform-electric-field quadrupole polarizabilities and shielding factors for S-state atoms and ions. 03 p0472 A67-13321
- LANGILL, A. W., JR.**
Digital computer compensation of strain gage data. 01 p0030 A67-11098
Ground testing of high chamber-pressure propulsion systems. 20 p3414 A67-36534
Digital computer compensation of strain gage data. 24 p4155 A67-42290
- LANGLEIBEN, A. SH.**
Large elastic deformation of a two-layer cylinder /Bol'shie uprugie deformatsii dvukhsloinogo tsilindra/. 02 p0341 A67-12666
Geometrically nonlinear effects of stress concentrations at holes in thin plates /Geometricheski nelineinnye efekty kontsentratsii napriazhenii okolo otverstii v tonkikh plastinakh/. 11 p1878 A67-24878
- LANGLEY, J. R.**
Flow losses in flexible hose. 22 p3785 A67-39971
- LANGPAUL, E. A.**
Radio-frequency interference. 04 p0577 A67-15730
- LANGSTON, M. E.**
Materials in an Atlas-Agena shroud. 07 p1193 A67-20255
- LANGWAY, C. C., JR.**
Studies of particles for extraterrestrial origin. V. 09 p1570 A67-22693
Determination of the densities of individual meteoritic, glacial, and volcanic spherules. 14 p2390 A67-28886
- LANICH, W. A.**
Optical detectors using Bendix Channeltron multipliers. 17 p2858 A67-32480
- LANIER, W. R.**
Flat plate thermoelectric solar cells - Manufacturing process and life testing. 08 p1283 A67-20648
- LANIN, A. G.**
Experimental methods for determining the heat resistance of refractory materials /Eksperimental'nye metody opredeleniya termostoikosti tugoplavkikh materialov/. 07 p1198 A67-19128
- LANKTON, C. S.**
A guarded-hot-plate thermal-conductivity apparatus for multilayer cryogenic insulation. 22 p3802 A67-40291
Insulation requirements for Voyager mission. [AIAA PAPER 67-777] 24 p4257 A67-42945
- LANMAN, M.**
Command angle torquing of gyros in the Apollo Guidance and Navigation System. 01 p0073 A67-11115

- LANSAC, L.**
Study of the polymerization and determination of the degree of reticulation of synthetic resins by a study of their dielectric properties.
[ONERA-TP-476] 14 p2340 A67-27898
- LANSDALE, R. L.**
Application of two-dimensional computations to the study of sub-critical initiation and fadeout in a homogeneous explosive.
18 p3153 A67-33824
- LANSHINA, L. V.**
Study of the hyperacoustic properties of fluids with the aid of a helium-neon laser /Issledovanie glperakusticheskikh svoystv zhidkostei s pomoshch'yu gellineonovogo lazera/.
12 p1953 A67-25446
- Investigation of the hyperacoustic properties of liquids by means of a helium-neon laser.
21 p3642 A67-38820
- LANSING, J. C., JR.**
Calibration and spaceborne performance of the Surveyor spacecraft star sensor.
19 p3233 A67-35982
- LANSINGER, J. M.**
The scale size of scintillation-producing irregularities in the auroral ionosphere.
22 p3789 A67-39470
- Interferometer phase and amplitude measurements for determining coherence ratio and wavefront correlation.
23 p3974 A67-41197
- LANTAIRES, J.**
Microcircuits on an insulating substrate developed by SESCO /Microcircuits a substrat isolant realises a la SESCO/.
08 p1302 A67-20919
- LANTUKH, L. G.**
Application of the influence numbers of harmonic functions to the calculation of a zero-moment translational shell /Ispol'zovanie chisel vlianiia garmonicheskikh funktsii dlia rascheta bezmomentnoi obolochki perenos/.
20 p3539 A67-36924
- LANUSSE, P.**
High-temperature, rapid-tension installation for studying aerospace materials /Appareillage de traction rapide a haute temperature pour l'etude de materiaux aerospaciaux/.
01 p0102 A67-11086
- LANZANO, P.**
Contributions to the elliptic restricted three-body problem.
08 p1397 A67-21214
- Stability of a class of periodic orbits in the restricted three-body problem.
18 p3135 A67-34542
- LANZARO, A.**
Attitude control for spinning sounding rockets.
08 p1409 A67-20539
- LAO, R. C. C.**
Estimate of the total energy of the BeH sub 2 molecule.
24 p4118 A67-41926
- LAPENKO, Z. V.**
Use of epoxy resin for bonding tensometers and for sealing under conditions of high humidity and in underwater operations /Primenenie epoksidnoi smoly dlia nakleiki tenzometrov i gidrozolizatsii v usloviakh povyshennoi vlazhnosti i pri rabote pod vodoi/.
21 p3650 A67-38919
- LAPERELLE, P.**
Solar-sensor system for the D-2 satellite /Le systeme de senseurs solaires pour le satellite D-2/.
21 p3629 A67-38666
- LAPIEDRA, R.**
Equations of the higher-order field of a double 2-form of type III-a of the Bel-Petrov classification /Les equations du champ d'ordre superieur d'une double 2-forme du type III-a de la classification de Bel-Petrov/.
18 p3078 A67-33689
- LAPIN, A.**
Hydrogen vent flare stack performance.
13 p2186 A67-27651
- LAPIN, A. D.**
Application of resonators for the enhancement of sound attenuation in a waveguide lined with a soundproofing material.
06 p1032 A67-18397
- LAPIN, I. U. V.**
Turbulent boundary layer on a catalytic surface in a nonequilibrium dissociating gas /Turbulentnyi pogranichnyi sloi na kataliticheskoi poverkhnosti v neravnovesnoe dissotsilirushchem gaze/.
18 p3027 A67-34204
- LAPKIN, I. U. L.**
Recessive lethals in the X chromosome of drosophila and genetic shielding during the flight of the spaceship "Voskhod" /Retsektivnye letali v Kh khromosome drozofily i geneticheskaya zashchita pri polete korablia "Voskhod"/.
13 p2060 A67-27337
- LAPLANE, R.**
Modern psychopharmacology in aeronautical medicine - Its value and dangers, its professional consequences.
23 p3967 A67-41603
- LAPORTE, O.**
Weber's mixed boundary-value problem in electrodynamics.
15 p2522 A67-29196
- LAPP, M.**
The effect of a continuous absorber on spectral line reversal temperature measurements.
[AIAA PAPER 67-108] 06 p1004 A67-18503
- LAPRADE, R. H.**
Orbit position control for passive communications satellites.
[AIAA PAPER 66-313] 06 p1094 A67-17703
- Satellite stationkeeping by solar radiation pressure.
13 p2213 A67-27489
- LAPSHIN, V. G.**
A generator of a sequence of nanosecond light pulses /Generator seril svetovyykh nanosekundnykh impul'sov/.
19 p3228 A67-34987
- LAPSHOV, I. U. K.**
Preparation and physical properties of alloys of the W-LaB sub 6 system.
13 p2131 A67-26468
- LAPSKER, I. A. E.**
Laser with neodymium-activated alpha-gagarinite.
15 p2496 A67-29360
- Induced emission of NaCaCeF sub 6 -Nd super 3 super plus at room temperature.
24 p4166 A67-41983
- LAPTEV, N. N.**
An LC smoothing filter for a pulse supply source stabilized by pulse width modulation.
10 p1611 A67-22980
- LAPTINSKII, V. N.**
Study of the triangular iteration method /Issledovanie treugol'nogo metoda iteratsii/.
03 p0462 A67-14328
- LAPUSHKA, K.**
Results of tracking the GEOS-A satellite at the Riga station /USSR/.
19 p3182 A67-35235
- LAQUEY, R.**
SPECS - A versatile space-qualified detector of charged particles.
20 p3443 A67-36517
- LARCHE, G.**
Dynamic pressures in helium and argon plasma jets in air /Pressions dynamiques dans des jets de plasma d'hélium et d'argon dans l'air/.
09 p1549 A67-22554
- LARCHER, G.**
Aerodynamic measurements in a plasma jet /Mesures aerodynamiques dans un jet de plasma/.
05 p0850 A67-16035
- LARCHER, J. M.**
Investigation of epitaxial silicon layers grown in the presence of small quantities of gold.
23 p4036 A67-40656
- LARDAT, CL.**
Study and development of a linear interpolation quadratic detector with diodes /Etude et realisation d'un quadrateur a interpolation lineaire, a diodes/.
04 p0581 A67-14891
- LARDER, R. A.**
Use of crystal accelerometers at high accelerations and temperatures.
23 p4006 A67-41376
- LARDNER, R. W.**
Crack propagation under random loading.
II. A theory of random fatigue.
02 p0337 A67-11794
15 p2576 A67-30094
- LARDNER, T. J.**
Approximate solutions to phase-change problems.
23 p4084 A67-41749
- LARE, P.**
Progress in preparation and working of whisker-reinforced metal composites.
[ASME PAPER 67-DE-35] 14 p2328 A67-28876
- LARENZ, R. W.**
On the significance of the far field portion of the plasma microfield.
19 p3285 A67-35344
- LARGE, D. B.**
Resonances of the thin-shell model of the earth-ionosphere cavity with a dipolar magnetic field.
18 p3042 A67-34427
- LARGE, L. N.**
Profiles of high conductivity shallow layers in silicon produced by boron ion implantation.
19 p3307 A67-35812
- LARGE, M. I.**
A radio study of the North Polar Spur.
III. 05 p0903 A67-17292
- LARIKOV, L. N.**
Structural changes during oxidation of chromium-yttrium alloys /Strukturnye izmeneniia pri okslenii spлавov khroma s yttriem/.
05 p0827 A67-16327
- Prospects of raising the heat resistance of materials based on refractory metals.
16 p2691 A67-31589
- Investigation of the physical processes occurring during heating of deformed high-purity nickel /Issledovanie fizicheskikh protsessov pri nagreve deformirovannogo nikelia vysokoi stepeni chistoty/.
17 p2874 A67-32897
- LARIMER, J. W.**
Chemical fractionations in meteorites.
I. 20 p3526 A67-37172
II. 20 p3526 A67-37173
- LARIN, R. M.**
Certain characteristic features of the problem of minimizing maximum control deviation /Nekotorye osobennosti zadachi o minimume maksimal'nogo otkloneniia upravleniia/.
24 p4188 A67-42301
- LARIN, V. B.**
Some problems in the designing of systems for isolation of devices from vibrations /Nekotorye voprosy konstruirovaniia sistem vibroizolatsii priborov/.
06 p1106 A67-18618
- On one problem of the analytical design of optimal controllers.
09 p1482 A67-22078
- LARIN, V. L.**
Mach-Zehnder and D. S. Rozhdestvenskii interferometer for training purposes. I /Uchebnyi interferometr Makha-Tsendera i D. S. Rozhdestvenskogo. I/.
20 p3452 A67-37556
- LARINA, T. B.**
The question of the creep of metals /K voprosu o polzuchesti metallov/.
23 p4018 A67-40717
- LARIONOV, A. S.**
Synthesis of an optimum phase synchronization system in the presence of noise using the method of generalized integral criterion.
03 p0393 A67-13949
- LARIONOV, M. M.**
Effect of turbulence on the accuracy of microwave cutoff measurements of plasma density.
22 p3845 A67-39430
- LARIONTSEV, E. G.**
Stability of a counter-traveling wave regime in a ring gas laser /Ob ustoiichivosti rezhima vstrechnykh voln v kol'tsevom gazovom lazere/.
19 p3239 A67-34898
- LARK, R. F.**
Cryogenic positive expulsion bladders.
24 p4176 A67-42468
- LARKIN, A. I.**
Tunnel effect between superconductors in an alternating field /Tunnel'nyi effekt mezhdu sverkhprovodnikami v peremennom pole/.
05 p0853 A67-16697
- Tunnel effect between superconductors in an alternating field.
15 p2530 A67-29868
- LARKIN, B. K.**
Analysis of supercritical cryogenic storage systems.
12 p1925 A67-25722
- The venting of saturated liquids in zero gravity.
12 p2034 A67-25726
- Heat flow to a confined fluid in zero gravity.
[AIAA PAPER 67-337] 12 p2039 A67-26051
- LARKIN, D. E.**
LEM data reduction system /LDRS/.
01 p0030 A67-11118
- LARKIN, I. U. F.**
Double serrodyning in devices for measuring the reflection and transmission coefficient at microwave frequencies.
08 p1295 A67-21276
- LARKIN, M. W.**
The electron beam fabrication of small geometry transistors.
13 p2084 A67-27574
- LARKIN, R.**
Holography as a tool in the testing of large aperture optics.
17 p2863 A67-33301
- LARMORE, L.**
Optical reconstruction from sampled holograms made with sound waves.
14 p2320 A67-28602
- Image reconstruction from sampled acoustical holograms.
15 p2488 A67-29819
- LAROCCA, A. V.**
"Natural" feed, electric trigger yield efficient microthruster.
11 p1746 A67-25013

- Development of solid propellant electric thruster systems for attitude control and station keeping of spacecraft. [AIAA PAPER 67-661] 21 p3690 A67-38697
- LAROUCHE, G.**
Simulated altitude and iodine metabolism in rats. I. 15 p2428 A67-29279
- LAROUCHE, J.**
Mobile hydrogen generators and fuel cells at medium temperatures /Generateurs mobiles d'hydrogene et piles a combustible a moyenne temperature/. 14 p2253 A67-29021
- LARRABEE, E. E.**
Aerodynamic penetration and radius as unifying concepts in flight mechanics. 06 p1094 A67-18003
- LARRABEE, J. C.**
Absorption spectrum of activated nitrogen in the 600-1100-angstrom units region. [AFCL-67-0109] 03 p0473 A67-13520
Absorption by atomic nitrogen in the extreme ultraviolet. [AFCL-66-835] 17 p2888 A67-32629
- LARRABEE, R. D.**
A laminar slow-wave coupler and its application to indium antimonide. 17 p2922 A67-33087
Resonance behavior of the dielectric constant of GaAs at microwave frequencies. 18 p3101 A67-34010
- LARRIVEE, J. A.**
A parachute recovery system dynamic analysis. [AIAA PAPER 66-25] 08 p1413 A67-21513
- LARSEN, A.**
Some sufficient conditions for continuous-linear-programming problems. 02 p0207 A67-12059
- LARSEN, A. B.**
Two wavelength laser interferometer for plasma diagnostics. 19 p3231 A67-35594
- LARSEN, D. M.**
Polaron induced anomalies in InSb. 06 p1066 A67-18956
- LARSEN, F. W.**
Rapid calculation of temperature in a regenerative heat exchanger having arbitrary initial solid and entering fluid temperatures. 10 p1731 A67-22726
- LARSEN, H.**
Transmitting media /Uebertragungsmittel/. 07 p1141 A67-19340
- LARSEN, H. C.**
Generalized performance in the design of coin aircraft and systems. [AIAA PAPER 66-779] 01 p0009 A67-10526
Aerodynamic design considerations and wind tunnel test of a high altitude air sampler. 08 p1276 A67-20500
Aerodynamic design considerations and wind-tunnel test of a high-altitude air sampler. 21 p3563 A67-37803
- LARSEN, J.**
Three dimension celestial navigation. 09 p1526 A67-22388
- LARSEN, P. B.**
Space activities and their effect on international civil aviation. 12 p2043 A67-26151
- LARSEN, R. D.**
Cell-cluster development for the pair distribution function - Application to rigid disks at high density. 05 p0758 A67-16129
- LARSEN, T.**
Reflector arrays. 03 p0384 A67-13845
- LARSON, A. G.**
Preliminary results on the wavelength dependence and aspect sensitivity of radar auroral echoes between 50 and 3000 MHz. 20 p3433 A67-37411
- LARSON, A. V.**
Experiments on current rotations in an MPD engine. [AIAA PAPER 67-689] 21 p3693 A67-38720
- LARSON, G.**
An operational theory of laser-radar selenodesy. 16 p2623 A67-30982
Simultaneous ultrasonic and line reversal temperature determination in a shock tube. 21 p3624 A67-37740
- LARSON, G. S.**
Ultrasonic determination of transport properties of monatomic gases at high temperatures. 15 p2580 A67-29882
- LARSON, H. P.**
A least-squares deconvolution technique for the photoelectric Fabry-Perot spectrometer. 23 p4002 A67-41262
- LARSON, J. V.**
Operation of Lacoste and Romberg gravimeter at sensitivity approaching the thermal fluctuation limits. 05 p0809 A67-17392
- LARSON, K. B.**
Compilation of Surveyor television mosaics. 08 p1333 A67-21504
- LARSON, M. B.**
Convection heat transfer for turbulent flow in subsonic diffusers. [ASME PAPER 65-HT-64] 03 p0352 A67-14010
- LARSON, R.**
The effect of localized gas densities on vacuum ionization gauges. 09 p1498 A67-22108
- LARSON, R. E.**
A dynamic programming approach to trajectory estimation. 01 p0047 A67-11214
Optimum quantization in dynamic systems. 15 p2456 A67-29364
Precomputation of the weighting matrix in an extended Kalman filter. 16 p2651 A67-31682
- LARSON, R. H.**
Vortex amplifier parameters. 03 p0363 A67-13170
- LARSON, S. M.**
Observations of comet Ikeya-Seki /1965f/ from Tucson, Arizona. 05 p0896 A67-16720
Angular momenta of planetary bodies. 23 p4066 A67-41010
- LARSON, W.**
RF attenuation. 17 p2815 A67-32607
- LARY, E. C.**
Electroless conductivity probe with application to high-temperature plasma /Bezelektroodnyi zond dlia opredeleniia provodimosti vysokotemperaturnoi plazmy/. 17 p2854 A67-32164
- LASA, J.**
Ionization mechanism of admixtures of permanent gases in argon in the radiolization detectors used in gas chromatography /Mechanizm ionizatsii domeshek gazov trvalykh w argonie w radiolizatsyynnykh detektorakh, stosovanykh w chromatografii gazowej/. 19 p3226 A67-34797
- LASALLE, J. P.**
Applications of Liapunov stability theory to control systems. 10 p1620 A67-23422
Stability theory and the asymptotic behavior of dynamical systems. 14 p2342 A67-28081
- LASAREV, S. D.**
On the influence of a magnetic field on viscous gas flow. 07 p1230 A67-20144
- LASAREVA, M. B.**
Investigation into plastic behaviour of zone refined and prestrained Be single crystals. 13 p2137 A67-27111
- LASDAY, A. H.**
Boron filament for structural composites. 03 p0453 A67-13419
- LASDON, L. S.**
The method of conjugate gradients for optimal control problems. 01 p0044 A67-10483
The conjugate gradient minimization method in function space. 08 p1310 A67-20337
The conjugate gradient method for optimal control problems. 15 p2456 A67-29362
An interior penalty method for inequality constrained optimal control problems. 16 p2651 A67-31677
An interior penalty method for inequality constrained optimal control problems. 24 p4135 A67-42180
- LASE, R. W.**
Charge storage in metal-silicon nitride-silicon capacitors. 22 p3767 A67-39257
- LASEK, A.**
Magnetically driven shock-tube flow studies at high velocities. 16 p2594 A67-31265
- LASETER, J. L.**
Alkanes in fungal spores. 03 p0363 A67-13594
- LASHER, L. E.**
Convective and radiative heat transfer to an ablating body. [AIAA PAPER 67-327] 12 p2038 A67-26041
- LASHINSKY, H.**
Quiescent-plasma research program at the University of Maryland. 11 p1830 A67-24006
Mode synchronization phenomena in universal plasma instabilities. 11 p1836 A67-24390
Nonlinear mechanics of plasma-like distributed media. 11 p1839 A67-24550
- LASHKAREV, V. E.**
Study of the spectral dependence of the photoionization of sensitizing centers in cadmium sulfide /Issledovanie spektral'noi zavisimosti fotolionizatsii ochuvstvialushchikh tsentrov v sulfide kadmila/. 07 p1234 A67-20025
- Spectral dependence of the photoionization of sensitivity centers in cadmium sulfide. 18 p3100 A67-33759
Determination of the lifetime and mobility of nonequilibrium holes in cadmium sulfide single crystals. 20 p3504 A67-36158
- LASHKO, N. F.**
Peculiarities of the phase composition of creep-resistant steels and alloys on the system Fe-Ni-Cr-Ti-Al-Mo-W-B. 22 p3820 A67-39788
- LASHKOV, A. I.**
Law of motion of a viscous gas in a shock tube. 04 p0604 A67-14782
- LASKA, L.**
New method of displaying disturbance and wave propagation. 02 p0247 A67-12687
- LASKARIS, A. T.**
Mechanical and structural properties of a three dimensionally reinforced plastic. [AIAA PAPER 67-171] 06 p1020 A67-18296
- LASKER, B. M.**
Ionization fronts for H II regions with magnetic fields. 03 p0514 A67-14316
- LASKIN, A. S.**
Study of variable aerodynamic forces in a turbine grid with a nonstationary flow passage /Issledovanie peremennykh aerodinamicheskikh sil v turbinnoi reshetke, obtekaemol nestatsionarnym potokom/. 07 p1125 A67-19135
- LASOTA, A.**
On the closedness of the set of trajectories of a control system. 06 p0975 A67-18100
- LASOUTINE, L. L.**
Results of measurements of cosmic radiation in the stratosphere obtained at Sogra, USSR, from January 26 to February 23, 1966 /Resultats des mesures de rayonnement cosmique dans la stratosphere executees a Sogra /U.R.S.S./ du 26 janvier au 23 fevrier 1966/. 04 p0692 A67-14901
- LASSABATERE, L.**
Study of the surface potential of semiconductors in ultrahigh vacuum and under controlled atmosphere /Etude du potentiel de surface des semiconducteurs en ultra-vide et sous atmosphere controlee/. 10 p1696 A67-23694
- LASSAL, F. P.**
Contribution to the theory of a compensating gyroazimuth /K teorii kompensatsionnogo giroazimuta/. 16 p2670 A67-30467
- LASSAU, G.**
Profiles of concentrations in a fixed laminar boundary layer with a continuous and discontinuous distribution of the catalyst on the wall /Profils de concentrations dans une couche limite laminaire figee avec une repartition continue et discontinue de catalyseur sur la paroi/. 18 p3159 A67-34161
- LASSEN, K.**
Polar Cap Aurora. 18 p3037 A67-33611
- LASSER, M. E.**
Lasers and their application to television systems. 09 p1515 A67-22362
- LASSNER, E.**
Determination of oxygen, hydrogen, and nitrogen in high-melting-point metals. I /Zur Bestimmung von Sauerstoff, Wasserstoff und Stickstoff in hochschmelzenden Metallen. I/. 20 p3467 A67-37120
Determination of oxygen, hydrogen, and nitrogen in high-melting-point metals. II /Zur Bestimmung von Sauerstoff, Wasserstoff und Stickstoff in hochschmelzenden Metallen. II/. 20 p3467 A67-37121
- LASSNER, G.**
Concerning a boundary and initial-value problem in magnetohydrodynamics /Ueber ein Rand-Anfangswert-Problem der Magnetohydrodynamik/. 20 p3497 A67-36430
- LAST, L. R.**
A jet engine malfunction diagnostic system using sonic-vibration analysis. [SAE PAPER 670871] 24 p4207 A67-42008
- LASTENET, E.**
Horizontal probing of the troposphere by means of constant-altitude balloons /Sondage horizontal de la troposphere au moyen de ballons plafonnants/. 09 p1525 A67-22560
- LASTER, M. L.**
Pressure recovery in hypersonic engine test facilities. 13 p2089 A67-26830
- LASTMAN, G. J.**
A test for the sign of the second variation. 19 p3202 A67-35756

- LASTNIK, A. L.**
Crash and ballistic protective flight helmet. 21 p3577 A67-38075
- LASTRINA, F. A.**
Further studies of ammonium perchlorate composite propellant deflagration by means of burner analog techniques. [AIAA PAPER 67-101] 06 p1073 A67-18472
- LASZLO, T. S.**
The reciprocity principle in spacecraft surface testing. 06 p0980 A67-18365
Recent results of ablation studies. 11 p1811 A67-24054
- LATAIKO, P. A.**
Artificial satellites in the earth's shadow /Iskustvennyye sputniki v teni zemli/. 02 p0321 A67-11548
Artificial satellites in the earth's shadow. 16 p2752 A67-31614
- LATEGOLA, M. T.**
Rapid and frequent measurement of human systolic and diastolic blood pressures. 23 p4008 A67-41424
Physiological responses to cold in men during an extended period of sleep loss. 23 p3955 A67-41615
The restoration of cardiovascular integrity in post myocardially-infarcted aviation personnel. 23 p3957 A67-41637
Restoration of cardiovascular integrity in post myocardially-infarcted aviation personnel. 23 p3971 A67-41709
- LATHAM, R. V.**
The low-field ferroelectric switching behaviour of barium titanate. 24 p4203 A67-42090
- LATHAM, T. S.**
Nuclear characteristics of large reflector-moderated gaseous-fueled cavity reactors containing hot hydrogen. 12 p1965 A67-25908
- LATHAM, W. N.**
A large experimental superconducting magnet for MHD power generation. 22 p3749 A67-40399
- LATHEM, W. C.**
Experimental performance of a low-thrust, divergent-flow, contact-ionization electrostatic thruster. [AIAA PAPER 66-569] 13 p2188 A67-26824
- LATHROP, J. W.**
An approach to LSI. 08 p1300 A67-20634
Large-scale integration with the aid of discretionary interconnections /Grossintegration mit Hilfe wählbarer Verbindungen/. 24 p4132 A67-42688
- LATIMER, J. R.**
Calibration program of the Canadian meteorological service. 03 p0419 A67-13077
- LATMIRAL, G.**
New class of antennas in conducting media. 22 p3773 A67-40307
- LATORRE, V. R.**
Subnanosecond time interval measurements. 02 p0243 A67-12092
- LATSKO, E. M.**
Investigation of plasma capture in a covered collector /Issledovanie zakhvata plazmy v zamknutoi lovushke/. 15 p2529 A67-29717
Measurement of the polarization of a plasma in a closed trap. 20 p3497 A67-36681
- LATTA, W. B.**
Laser in uniform - Today's beacon - Tomorrow's military communications-electronics. 10 p1664 A67-23070
- LATVALA, E. K.**
Simulation of the space solar-thermal conditions in ground test facilities. 16 p2654 A67-30674
- LATYPOVA, R. KH.**
Two quasi-circular zones of maximum magnetic activity. 07 p1178 A67-19825
- LATZ, N.**
Investigation of plane diffraction problems of electromagnetic waves for rectangular wedge-shaped regions /Untersuchungen ueber ebene Beugungsprobleme elektromagnetischer Wellen fuer rechtwinkligkeitsfoermige Gebiete/. 07 p1147 A67-20298
- LAU, J.**
Implications of maneuvering-range constraints on lifting-vehicle design. [AIAA PAPER 66-961] 02 p0332 A67-12288
Implications of maneuvering-range constraints on lifting-vehicle design. 13 p2212 A67-26829
- LAU, P. J.**
Types of closed characteristics of two-dimensional autonomous differential equation systems /Typen der geschlossenen Charakteristiken von zweidimensionalen autonomen Differentialgleichungssystemen/. 16 p2695 A67-30856
- LAUBER, A.**
New aircraft noise monitoring system for Zurich airport. 13 p2052 A67-26535
- LAUCHNER, E. A.**
Electron fractography pinpoints cause of fatigue fracture. 07 p1211 A67-20250
- LAUDANSKI, L.**
Loads on gliders in turbulent atmosphere. 13 p2052 A67-26484
Application of the numerical characteristics of random functions to the evaluation of aircraft loads /O liczbowych charakterystykach funkcji losowych w zastosowaniu do badan obciazen samolotu/. 16 p2596 A67-31152
- LAUDE, J. P.**
A spectrometer with two servo-controlled Fabry-Perot interferometers /Spectrometre a deux Fabry-Perot asservis/. 20 p3441 A67-36364
- LAUDERBACK, P. W.**
An analysis of low orbital drag constraints of orbit-and sun-oriented, solar-cell arrays. 24 p4105 A67-42517
- LAUE, E. G.**
The Eppley-JPL solar constant measurement experiment. 02 p0328 A67-12396
Multichannel radiometer measurement of solar irradiance. [AIAA PAPER 67-147] 06 p1003 A67-18318
Multichannel radiometer measurement of solar irradiance. 21 p3624 A67-37794
- LAUER, D. T.**
Present and future forestry applications of remote sensing from space. [AIAA PAPER 67-765] 24 p4258 A67-42934
- LAUFER, T.**
Heligros /Die Heligros/. 03 p0359 A67-12987
- LAUFFHER, R. A.**
Limitations of the application of radioisotope sources and nuclear reactors as energy sources for space vehicles /Abgrenzung der Anwendungsbereiche von Radioisotopen-Quellen und Kernreaktoren als Energiequellen fuer Raumflugkoerper/. 04 p0558 A67-15959
- LAUGHLIN, J. A.**
Remote measurements of pressures in vacuum systems. 17 p2859 A67-32593
- LAUGIER, J.-P.**
Analysis of the alpha particle spectra of the reactions d plus super 7 Li equals n plus 2 alpha and super 6 Li plus t equals n plus 2 alpha /Analyse des spectres des particules alpha des reactions d plus super 7 Li equals n plus 2 alpha et super 6 Li plus t equals n plus 2 alpha/. 13 p2159 A67-26435
- LAUNDRY, M. J.**
A mobile laser transceiver used for detecting long range, slow velocity, and low density targets. 23 p4014 A67-41022
- LAUNOIS, D.**
Experimental observation of the inhomogeneous nature of the gain curve of a helium-neon laser /Mise en evidence experimentale du caractere inhomogene de la courbe de gain d'un laser helium-neon/. 12 p1951 A67-25147
- LAUR, P.**
Meteorites - Optical activity in organic matter. 03 p0510 A67-13592
- LAURA, P. A.**
Directional characteristics of vibrating circular plates and membranes. 05 p0924 A67-17283
Study of small-amplitude vibrations of clamped rectangular plates using polynomial approximations. 17 p2962 A67-32823
- LAURENCE, J. C.**
Superconductive magnets at Lewis Research Center of NASA. 12 p1978 A67-25105
- LAURENT, D.**
Soviet attempts at exploration of planets /Les tentatives Soviétiques d'exploration des planetes/. 02 p0326 A67-12041
The Soviet space effort and the Cosmos satellites /L'effort spatial Soviétique et les satellites Cosmos/. 17 p2956 A67-32724
- LAURENT, F.**
Closed-loop control with any magnitude of pure delay obtained by sampling /Asservissement a une grandeur quelconque d'un retard pur obtenu par echantillonnage/. 12 p1919 A67-25203
Sufficient condition of uniqueness of the response of a nonlinear sampled system to any stress /Sur une condition suffisante d'unicité de la réponse d'un système échantillonné non linéaire a une sollicitation quelconque/. 15 p2458 A67-29473
Uniqueness of the response of a nonlinear continuous system /Sur l'unicité de la réponse d'un système continu non linéaire/. 18 p3017 A67-34185
- LAURENT, J. F.**
Structure and electrochemical properties of nickel hydroxides. 09 p1458 A67-22183
- LAURENT, R.**
NR fluidic elements for automatic control /Les éléments fluidiques NR pour commande automatique/. 12 p1896 A67-25104
- LAURIENZO, P.**
An Italian approach to reusable low-cost rockets. 15 p2567 A67-29840
- LAURINAVICIUS, A. K.**
Study of photoconductivity in polycrystalline CdS and CdSe /Issledovanie fotoprovodimosti v polikristallicheskom CdS i CdSe/. 08 p1370 A67-20997
- LAURMANN, J. A.**
Preliminary results of a new formulation of the hypersonic leading edge flow problem. 14 p2240 A67-28163
- LAUROUA, J.**
Positioning of a European synchronous satellite by the ELDO-A booster /Mise a poste d'un satellite géostationnaire européen par le lanceur ELDO A/. 01 p0156 A67-11418
- LAUTER, E. A.**
Present research aspects in ionosphere-stratosphere coupling effects. 10 p1645 A67-23266
Precipitation of high energy particles into the upper atmosphere at medium latitudes after magnetic storms. 12 p1991 A67-25113
Seasonal variations of ionospheric absorption deduced from A3-measurements in the frequency range 100-2000 kc/s. 14 p2312 A67-28570
- LAUTMAN, D. A.**
The earth's dust belt - Fact or fiction/ques/ I, II, III, IV. 04 p0615 A67-14967
- LAUTZENHISER, T. V.**
Radiation temperature and enhanced diffusion in a radio-frequency discharge. 23 p4032 A67-40897
- LAVAKARE, P. J.**
High energy neutrons from the sun. 06 p1076 A67-17602
He super 3 nuclei in the low energy primary cosmic radiation. 12 p1993 A67-25479
- LAVAL, G.**
Convective modes driven by density gradients. 10 p1685 A67-23462
Effect of ion-ion collisions and shear on resistive drift modes. 11 p1834 A67-24374
Calculation of the statistical entropy of a plasma out of equilibrium /Calcul de l'entropie statistique d'un plasma hors d'équilibre/. 24 p4196 A67-42158
- LAVALARD, P.**
Piezoemission of indium antimonide. 06 p1062 A67-18932
- LAVALLEE, P.**
Design of sequential machines with fault-detection capabilities. 21 p3588 A67-38183
- LAVEDAN, L. J., JR.**
A miniaturized C-band digital latching phase shifter. 08 p1305 A67-21227
S band digital phase shifter designed for half-wave-length stacking in phased array antenna. 22 p3773 A67-39909
- LAVELIN, A. V.**
Influence of pulsed coherent signal and noise on a two-channel time discriminator /Vozdeistvie impul'snogo kogerentnogo signala i shuma na dvukhkanal'nyy vremennoi diskriminator/. 07 p1140 A67-19237
- LAVELLE, T. M.**
Microwave in nondestructive testing. 10 p1660 A67-23014
- LAVENDER, D. J.**
Trends in rocket telemetry. 14 p2261 A67-28038
- LAVENDER, W. J.**
The effect of fluid turbulence on the rate of heat transfer from spheres. 13 p2225 A67-27466
- LAVERGOOD, R. E.**
Variables affecting strength and modulus of short fiber composites. 24 p4175 A67-42422
- LAVERNHE, J.**
Influence of air travel East-West and vice-versa on circadian rhythms of urinary elimination of potassium and 17-hydroxycorticosteroids. 22 p3751 A67-39606

- LAVERTY, W. F.**
Film boiling of saturated nitrogen flowing in a vertical tube.
[ASME PAPER 65WA/HT-26] 08 p1427 A67-21319
- LAVI, R.**
Design and instrumentation of a large-scale VTOL test bed for investigation of ground proximity effects.
[AIAA PAPER 67-181] 06 p0980 A67-18297
An experimental investigation of VTOL lift-engine inlet.
[AIAA PAPER 66-655] 09 p1438 A67-22490
Feasibility investigation of aerodynamic round-lip inlet.
[AIAA PAPER 67-440] 18 p2985 A67-33917
- LAVIGNA, T. A.**
Design of a main-bus switching regulator with low RF interference for the radio astronomy Explorer satellite.
08 p1284 A67-20692
- LAVIK, M. T.**
Oxidation characteristics of MoS sub 2 and other solid lubricants.
[ASLE PAPER 67-LC-14] 24 p4165 A67-42748
- LAVILLA, R. E.**
Optical constants of germanium.
05 p0864 A67-16784
- LAVIRON, E.**
Time expander /Elargisseur de temps/.
01 p0029 A67-10662
- LAVIRON, M.**
P-n diodes - Study, construction, measurement /Diodes p-n - Etude, construction, mesure/.
06 p0969 A67-18121
- LAVOISARD, J. L.**
Telemetry equipment of the European satellites ESRO 1, HEOS A, TD 1, and TD 2 /Equipments de telemesure des satellites Europeens ESRO 1, HEOS A, TD 1 et TD 2/.
17 p2816 A67-32747
Low power telemetry systems /Systemes de telemesure a faible consommation/.
21 p3584 A67-38646
- LAVRENCHUK, V. P.**
Solvability of the Cauchy problem and some boundary-value problems of general parabolic systems in a class of increasing functions /Pro rozv'iaznist' zadachi Koshi ta delakikh kralovikh zadach dlia zagal'nikh parabolichnikh sistem u klasi zrostaluchikh funktsii/.
14 p2344 A67-28894
- LAVRENKO, N. I.**
Optimal interorbital transfers between near-circular noncoplanar closely spaced orbits /Optimal'nye perelety mezhdublizkimi okolo krugovymi nekomplanarnymi orbitami/.
15 p2563 A67-30389
- LAVRENOV, V. P.**
Effect of a magnetic field on the emission of GaAs diodes /Vliianie magnitnogo polia na izluchenie diodov iz GaAs/.
15 p2543 A67-30251
- LAVRENTEV, I. M.**
Solvability of nonlinear equations /O razreshimosti nelineinykh uravnenii/.
24 p4178 A67-42721
- LAVRENTEV, M. M.**
The posing of certain improper problems of mathematical physics.
16 p2698 A67-31736
- LAVRENTEV, V. V.**
Temperature dependence of the actual contact area and the friction forces in highly elastic materials /Temperaturnaia zavisimost' ploshchadi fakticheskogo kontakta i sily trenia vysokoelastichnykh materialov/.
23 p4021 A67-40596
- LAVRETEVA, L. G.**
Effect of conditions of growth on the electrical properties of epitaxial p-n junctions in gallium arsenide /Vliianie uslovii rosta na elektricheskie svoistva epitaksial'nykh p-n-perekhodov v arsenide gallia/.
15 p2533 A67-29317
- LAVRETEV, I. V.**
Experimental investigation of a direct current MHD generator /Eksperimental'noe issledovanie MGD-generatora postolannogo toka/.
13 p2056 A67-27315
- LAVRIK, V. N.**
Method for determining an osculating transfer orbit for a satellite /Ob odnom sposobe opredelenia pereletnoi oskulirulushchey orbity ISZ/.
13 p2200 A67-27323
- LAVROV, V. N.**
Accuracy of distortion measurements with a goniometer /Tochnost' opredelenia distorsii na gonimetre/.
11 p1793 A67-24864
- LAVROVA, E. V.**
Principles of predicting ionospheric magnetic disturbances and the short-term radio forecasting service /Osnovy prognozirovaniia ionosfernomagnitnykh vozrushchenii i sluzhba kratkosrochnykh radioprognozov/.
21 p3816 A67-37933
- LAVRUKHINA, A. K.**
Meteorites and their utilization for cosmic ray research.
02 p0310 A67-12580
Investigation of cosmic-ray variations by study of effects in stony meteorites.
02 p0310 A67-12581
Determination of the pre-atmospheric dimensions of meteorites.
04 p0702 A67-15751
Early history of cosmic rays in the solar system /O ranneli istorii kosmicheskikh luchei v solnechnoi sisteme/.
05 p0877 A67-16084
Determination of the preentry dimensions of meteorites by the effects of nuclear reactions caused by cosmic rays /Opredelenie doatmosfernykh razmerov meteoritov po efektam iadernykh reaktsii, vyzvannykh kosmicheskimi luchami/.
05 p0887 A67-16099
On the early history of cosmic rays in the solar system.
24 p4212 A67-42760
Evaluation of the preatmospheric size of meteorites on the basis of the effects of nuclear reactions induced by cosmic rays.
24 p4238 A67-42775
- LAVRUSHIN, B. M.**
Electron beam excited lasers made from solid solutions of GaP sub x As sub 1 sub minus x.
02 p0251 A67-11824
Gallium arsenide laser with plane resonator.
04 p0634 A67-15759
Effects of nonuniform excitation of semiconductor lasers pumped by an electron /Effekty neodnorodnosti vzbuzhdeniia poluprovodnikovyykh lazerov s nakachkol elektronnykh puchkom/.
10 p1688 A67-23648
Effects of excitation inhomogeneity in semiconductor lasers pumped by an electron beam.
17 p2870 A67-33329
- LAW, C. H.**
A study of aerodynamic deployable decelerators at hypersonic velocities.
14 p2244 A67-29055
- LAW, H. C.**
Nonlinear effect in semiconductor devices.
20 p3505 A67-36210
- LAW, T. J.**
The migration of double positioning boundaries during the growth of epitaxial /111/ gold films.
04 p0675 A67-14924
- LAWIT, R. L.**
Fulfillment of safety criteria for orbital re-entry of radioactive power sources.
[AIAA PAPER 67-966] 24 p4246 A67-43044
- LAWLER, A. E.**
Potential hazards of teflon gaskets in liquid fluorine systems.
13 p2187 A67-27689
- LAWLER, G. F.**
Turbine fuel thermal stability - From refinery to supersonic transport.
[SAE PAPER 660710] 01 p0139 A67-10624
- LAWLESS, E. W.**
Production of the boranes and related research.
23 p4047 A67-41443
- LAWLESS, W. N.**
Ferroelectricity and antiferroelectricity in BaTiO sub 3.
21 p3683 A67-38406
- LAWLEY, A.**
The microstrain behavior of beryllium single crystals.
01 p0092 A67-10058
Microstrain behavior of metal matrix composites.
[ASTM PAPER 6] 18 p3067 A67-34571
- LAWLEY, K. L.**
Recent results with epitaxial GaAs Gunn effect oscillators.
01 p0033 A67-10026
Characteristics of epitaxial gallium arsenide Gunn oscillators.
10 p1615 A67-23530
- LAWN, B. R.**
On the theory of Hertzian fracture.
18 p3144 A67-34274
Partial cone crack formation in a brittle material loaded with a sliding spherical indenter.
18 p3144 A67-34275
- LAWRENCE, A. R.**
Infrared spectra of some alpha, omega-dinitroxy alkanes.
05 p0758 A67-16367
- LAWRENCE, E. N.**
Sunspots and weather.
03 p0463 A67-13935
- LAWRENCE, G. M.**
Radiative lifetimes of ultraviolet multiplets in Si, P, S, O, Ne II, and Ar II.
05 p0892 A67-16411
Resonance transition probabilities in intermediate coupling for some neutral non-metals.
12 p1968 A67-26246
Dipole transition integrals for non-metal resonance transitions.
13 p2160 A67-26442
Radiative lifetimes by electron collision using the phase shift method.
20 p3488 A67-36665
- LAWRENCE, J.**
A comparison of niobium and nickel as thermionic converter collector materials.
09 p1447 A67-22331
- LAWRENCE, J. E.**
The cooperative diffusion effect.
02 p0298 A67-11877
- LAWRENCE, J. JR.**
An electrometer for use in scientific space instruments.
02 p0241 A67-11681
- LAWRENCE, K. L.**
Transient beam response calculations using Euler's method.
06 p1111 A67-18889
Control loads and their effects on fuselage vibrations.
16 p2777 A67-31847
- LAWRENCE, P. E.**
Probable upper limit of H sub c2 for some higher-order ductile transition-metal superconducting alloys.
11 p1850 A67-24925
- LAWRENCE, R. W.**
Digital image formation from electronically detected holograms.
20 p3448 A67-36852
- LAWRIE, R. E.**
Modifications of horn antennas for low sidelobe levels.
02 p0211 A67-11601
The control of the echo area of ogives by cutoff corrugated surfaces.
03 p0370 A67-13862
- LAWS, N.**
A theory of elastic-plastic rods.
17 p2966 A67-33348
A linear theory of straight elastic rods.
18 p3144 A67-34287
On the formulation of constitutive equations in thermodynamical theories of continua.
21 p3733 A67-39085
- LAWSON, D. W. R.**
Installation considerations for the high bypass fan engine in subsonic transports.
[SAE PAPER 660737] 01 p0140 A67-10636
- LAWSON, F. H.**
Automatic assembly.
08 p1335 A67-20748
- LAWSON, L. J.**
An ultra high density power conversion system package.
12 p1911 A67-25274
- LAWSON, M. O.**
Investigation on power generation using electrofluiddynamic processes.
24 p4107 A67-42529
- LAWSON, R.**
A facility for the analysis of random signals.
20 p3442 A67-36460
- LAWTON, K. C.**
Image separation by pupil separation in multiple-exposure holography.
15 p2487 A67-29500
- LAWVER, B. R.**
The effect of additives on droplet hydrazine burning.
[AIAA PAPER 67-482] 18 p3158 A67-33951
A mathematical model of random wave phenomena in hypergolic propellant combustion.
[AIAA PAPER 67-517] 18 p3158 A67-33980
Measurement of the flame structure of a thermally unstable fuel in an oxidizing atmosphere.
19 p3310 A67-35014
- LAX, B.**
Multiphoton magneto-optical resonance in PbTe and InSb.
02 p0254 A67-12522
Theory of the interband magneto-optical semiconductor laser.
05 p0822 A67-16673
Magneto-optical phenomena.
06 p1060 A67-18916
Nonlinear magneto-optics of electrons and holes in semiconductors and semimetals.
10 p1689 A67-23075
Interband magneto-optical studies of semiconductors and semimetals.
11 p1847 A67-24662
- LAX, M.**
Impurity band tails in degenerate semiconductors.
06 p1061 A67-18923
Quantum noise VII - The rate equations and amplitude noise in lasers.
11 p1799 A67-24239
Quantum noise IX - Quantum Fokker-Planck solution for laser noise.
11 p1799 A67-24240
Quantum theory of noise in masers and lasers.
23 p4011 A67-40762
- LAX, P. D.**
On stability for difference schemes - A

- sharp form of Gardning's inequality. 06 p1025 A67-18642
- Hyperbolic difference equations - A review of the Courant-Friedrichs-Lewy paper in the light of recent developments. 14 p2342 A67-28154
- LAXPATI, S. R.
Boundary-value problems associated with source-excited planar-equiaxial-spiral antennas. 09 p1482 A67-22696
- LAXTON, J. W.
Some aspects of the chemistry of M.H.D. seed. 18 p3086 A67-33710
- LAYDEVANT, L.
New solutions to the major problems of high-vacuum enclosures, joints, seals, and degassing /Solutions nouvelles aux problemes majeurs des enceintes a ultra-vide, joints, fermeture, degazage/. 17 p2802 A67-32300
- LAYS, E. J.
Analysis and prediction of effects of exhaust products from aluminized solid-propellant rocket motors on launch facilities. [AIAA PAPER 66-972] 02 p0304 A67-12294
Effects of exhausts from aluminized solid propellants on launch facilities. [AIAA PAPER 66-972] 17 p2928 A67-32064
- LAYSON, R. P. W.
Thermal reemission of inert gas atoms in tungsten and gold. 23 p4030 A67-41357
- LAYTON, A. J.
A tetrafluoroditertiary arsine and its metal complexes. 01 p0135 A67-10896
- LAYTON, J. K.
Excitation effects of Fe super plus in high-energy collisions. 23 p4030 A67-40976
- LAYZER, D.
Gravity shock waves and stratification in the upper atmosphere. 08 p1325 A67-20986
The extragalactic component of low frequency background radiation. 12 p1995 A67-25766
Origin of ultrarelativistic cosmic ray particles. 14 p2382 A67-29028
Formation of astronomical systems in an expanding universe. 22 p3891 A67-40494
On the stability of a collapsing gas cloud against fragmentation. 22 p3895 A67-40516
- LAZAR, J.
A review of the role of electric propulsion. [AIAA PAPER 66-1025] 03 p0504 A67-14156
- LAZAR, N. P.
Negative resistance and a stimulated state of electroluminescent zinc sulfide films at 77 deg K /Otritsatel'noe soprotivlenie i stimulirovannoe sostoyanie v elektroluminescentnykh tsink-sulfidnykh plenkach pri 77 deg K/. 05 p0866 A67-17023
Negative resistance and the stimulated state in electroluminescent zinc sulfide films at 77 deg K. 14 p2366 A67-28487
- LAZAREV, B. G.
X-ray structural studies of superconducting niobium-based alloys /Rentgenostrukturnye issledovaniya sverkhprovodnykh splavov na osnove niobia/. 05 p0863 A67-16690
X-ray structure investigations of superconducting alloys with niobium as the base. 15 p2539 A67-29860
- LAZAREV, E. M.
Structure and mechanical properties of alloys in the niobium-vanadium-titanium system /Struktura i mekhanicheskie svoystva splavov sistemy Nb-V-Ti/. 05 p0831 A67-17505
Structure and mechanical properties of Nb-V-Ti alloys. 21 p3644 A67-38033
- LAZAREV, E. V.
Volt-ampere characteristic of a p-n-p diode with an avalanche multiplication /Volt-ampernaya kharakteristika p-n-p-diody s lavinnym umnozheniem/. 21 p3593 A67-38289
- LAZAREV, L. P.
Infrared and optical devices for vehicle guidance and homing /Infra-krasnye i svetovye pribory/. 11 p1791 A67-24514
- LAZAREV, P. P.
Calculation of the gas-dynamical and thermodynamic parameters of gases behind incident and reflected shock waves. 12 p1930 A67-26134
- LAZAREV, S. D.
Oscillations of the photomagnetic effect in indium arsenide. 21 p3877 A67-38095
- LAZAREV, V. G.
Synthesis of a certain type of microprogrammers /Sintez odnogo tipa mikroprogrammykh avtomatov/. 19 p3190 A67-36094
- LAZAREV, V. I.
One of the possible mechanisms of formation of thin sporadic ionospheric layers. 07 p1179 A67-19835
Absorption of electron-beam energy in the upper atmosphere /Pogloshchenie energii elektronnoy puchki v verkhnem atmosfere/. 14 p2379 A67-27921
- LAZAREVA, E. V.
Investigation of ionized argon behind a shock wave by an interferometric technique /Issledovanie ionizirovannogo argona za udarnoy volnoi interferometricheskimi metodami/. 24 p4197 A67-42358
- LAZARUS, A. J.
Initial results from the Mariner 4 solar plasma experiment. 10 p1707 A67-23228
- LAZARUS, D. H.
A general model for a frequency-time signal format for tropospheric scatter. 02 p0202 A67-12123
- LAZARUS, M.
Shock testing. 23 p3987 A67-41414
- LAZEBNIK, D. B.
Application of a variable-field Thomson mass spectrograph to the time resolution of spectra /Ispol'zovanie peremennogo elektricheskogo polya v masspektrografe Tomsona dlia razresheniya spektrov vo vremeni/. 15 p2526 A67-29258
- LAZNIUK, P. S.
Study of a semibounded turbulent jet flow injected tangentially into an isobaric slipstream /K issledovaniyu tekhnika poluogranichennoi turbulentnoi strui, vytekavshchel tangentsial'no v sputnyy izobaricheskiy potok/. 17 p2839 A67-32906
- LAZNOVSKY, W.
Field effect transistors based on silk screened CdS layers. 01 p0037 A67-10478
- LAZOVICH, I. P.
Determination of the shortest distance between the orbits of satellites having a small relative inclination /Opredelenie kratkhaishego rasstoyaniya mezhdu orbitami asteroidov s malym vzaimnym naklonom/. 20 p3523 A67-36628
- LAZOVSKAIA, V. R.
Interferometric study of the state of xenon and mercury vapor in a shock tube /Interferometricheskoe issledovanie sostoyaniya ksenona i parov rtuti v udarnoi trube/. 16 p2873 A67-31108
- LAZUTIN, L. L.
Space and time characteristics of electron fluxes, penetrating into the earth's atmosphere in the auroral zone, based on riometer measurements in the stratosphere /O prostranstvennykh i vremennyykh kharakteristikakh elektronnykh potokov, vtorgalushchikhsya v atmosferu zemli v avroral'noi zone, po izmereniyam na riometre i v stratosfere/. 05 p0879 A67-16101
X-ray bursts and auroras /Vspyski rentgenovskogo izlucheniya i polarnyye silaniya/. 05 p0879 A67-16102
Regarding the spatial and time characteristics of the electron streams entering the earth's atmosphere in the auroral zone, as indicated by riometer readings and measurements in the stratosphere. 24 p4213 A67-42777
X-ray bursts and polar auroras. 24 p4213 A67-42778
- LAZZARINI, R. F.
Traveling-wave tube amplifier characteristics for communications. 10 p1613 A67-23440
- LE BER, J.
Reliability of components subjected to radiation stress - Problems to be solved and certain experimental results /Fiabilité des composants soumis a la contrainte "rayonnements" - Problemes a resoudre et quelques resultats experimentaux/. 02 p0210 A67-11527
Certain special features of the behavior of plane-structure silicon transistors subjected to Co 60 gamma-radiation /Quelques aspects particuliers du comportement de transistors au silicium a structure plane soumis au rayonnement gamma du Co super 60/. 17 p2917 A67-32842
- LE BIHAN, R.
Capillary cesium-ion emitter - Application to thermionic converters /Emetteur capillaire d'ions de césium - Application a des convertisseurs thermodioniques/. 04 p0664 A67-15015
- LE BOITEUX, H.
Research on weightlessness at ONERA /Les recherches sur l'état d'impesanteur a l'O.N.E.R.A./. 20 p3418 A67-37260
- LE BOUAR, J.
Means of navigation for the Concorde SST in 1970 /Les moyens de navigation du T.S.S. Concorde en 1970/. 19 p3255 A67-35805
- LE BOUC, F.
Supersonic combustion engines /scramjets/ /Les reacteurs a combustion supersonique /scramjets/. 11 p1853 A67-24748
MHD conversion fluid obtained by combustion of hydrocarbons /Le fluide de conversion M.H.D. obtenu par combustion des hydrocarbures/. 24 p4099 A67-42415
- LE CALVEZ, Y.
Optical properties of magnesium fluoride in the extreme ultraviolet /Proprietes optiques du fluorure de magnesium dans l'ultraviolet extreme/. 18 p3099 A67-33692
- LE COUTEUR, K. J.
Particle guiding by helical multipole fields. 17 p2908 A67-33112
- LE COZ, G.
A gap antenna /Antenne lacunaire/. 12 p1914 A67-25311
- LE CROISSETTE, D. H.
The design and use of the surface sampler on the lunar spacecraft Surveyor III. 23 p4005 A67-41370
- LE DOUX, F. N.
Decontamination techniques for lunar orbiting spacecraft. 02 p0249 A67-12386
- LE FEVRE, M.
The CNES rocket-probe mobile launching unit /L'unité mobile de lancement de fusées-sondes du CNES/. 21 p3609 A67-39051
- LE FUR, B.
One-dimensional freezing of a semi-infinite medium with variable thermal properties /Congelation unidimensionnelle d'un milieu semi-infini a proprietés thermiques variables/. 01 p0166 A67-10758
Heat and mass transfer on sweptback circular cylinders in supersonic flow. 04 p0549 A67-15824
Study, using the theory of servomechanisms, of the stability of a one-dimensional polyphase flow in a porous medium /Etude, par la theorie des servomecanismes, de la stabilite d'un ecoulement polyphasique unidimensionnel dans un milieu poreux/. 16 p2609 A67-31713
Profiles of concentrations in a fixed laminar boundary layer with a continuous and discontinuous distribution of the catalyst on the wall /Profils de concentrations dans une couche limite laminaire flgee avec une repartition continue et discontinue de catalyseur sur la paroi/. 18 p3159 A67-34161
- LE GALL, J.
Thermal switchback in high f sub t epitaxial transistors. 02 p0222 A67-12652
- LE GRIVES, E.
Prospects for electric propulsion in the near future /Perspectives offertes par la propulsion electrique dans un avenir rapproche/. 01 p0142 A67-11410
Various mixing regimes of two fluids with different stagnation enthalpies /Divers regimes de melange de deux flux d'enthalpies d'arret differentes/. 05 p0792 A67-16934
Significance of concentrating solar radiation for space converters /Interet de la concentration du rayonnement solaire pour les convertisseurs spatiaux/. 16 p2608 A67-30713
Characteristics and possibilities of application of an arc-image furnace /Caracteristiques et possibilites d'application du four a image d'arc/. 17 p2834 A67-32696
Germanium solar cells. I, II /Photopiles solaires au germanium. I, II/. [ONERA-TP-478] 18 p2990 A67-34464
French research on electric propulsion - Present status and prospects for development. [AIAA PAPER 67-740] 21 p3695 A67-38762
- LE HAZIF, R.
Compression of beryllium parallel to the C axis /Compression du beryllium parallelement a l'axe C/. 13 p2137 A67-27113
- LE MAITRE, J. F.
Systematic examination of elements with multilinear characteristics in servosystems /Traitement systematique des elements a caracteristique multilinaire dans les systemes asservis/. 02 p0224 A67-11529

- LE MEZEC, J.**
Problem of a high-power single-mode laser /Le probleme du laser monomode de puissance/. 14 p2330 A67-28469
Active microwave devices - Current research trends /Dispositifs actifs en hyperfréquences - Tendances actuelles de la recherche/. 20 p3380 A67-36488
- LE PENNEC, C.**
High-temperature, rapid-tension installation for studying aerospace materials /Appareillage de traction rapide a haute temperature pour l'etude de matériaux aérospatiaux/. 01 p0102 A67-11086
- LE TACON, H.**
Low-altitude detection and defense /Detection et defense basse altitude/. 17 p2816 A67-32751
- LE VANTINE, A. D.**
Space environment simulator with conceptually new solar simulator. 24 p4138 A67-42042
- LEA, D. A.**
Laser radar returns from the lower troposphere compared with vertical ozone distributions. 04 p0612 A67-14676
- LEA, R. H.**
Integrated orbital logistics support. [AIAA PAPER 66-863] 03 p0519 A67-14129
Role of GSE in meeting the launch window. [AIAA PAPER 67-265] 07 p1256 A67-20053
Integrated orbital logistics support. [AIAA PAPER 66-863] 19 p3331 A67-34809
- LEACH, P. B.**
Cleaning by surface displacement of water and oils. 14 p2327 A67-28822
- LEACH, P. W.**
Determining circuit-board resistance to shock and vibration. 01 p0034 A67-10159
- LEADABRAND, R. L.**
Progress in ionospheric radio. 05 p0795 A67-16010
Preliminary results on the wavelength dependence and aspect sensitivity of radar auroral echoes between 50 and 3000 MHz. 20 p3433 A67-37411
- LEADERS, F. E.**
Interruption of proprioceptive sensory input - Mechanism for induction of "cardiovascular deconditioning." 09 p1452 A67-21714
- LEADON, B. M.**
Fluid dynamic sources of radiation during atmospheric entry. 04 p0703 A67-14703
- LEAFFER, M. A.**
Subcellular sites involved in lipid synthesis in *Saccharomyces cerevisiae*. 21 p3573 A67-37919
- LEAK, J.**
A review of low airspeed measurement techniques. 01 p0073 A67-11122
- LEAK, J. S.**
The potential role of flight recorders in aircraft accident investigation. [AIAA PAPER 66-810] 01 p0008 A67-10033
The potential role of flight recorders in aircraft accident investigation. [AIAA PAPER 66-810] 17 p2796 A67-32216
- LEAKE, R. J.**
Exhaustive equivalence classes of optimal systems with separable controls. 04 p0594 A67-15876
- LEAN, E. G. H.**
Continuous deflection of laser beams. 09 p1510 A67-21574
Pulse compression by Bragg diffraction of light with microwave sound. 24 p4188 A67-42369
- LEAO, E. C.**
General method for analyzing refractory-metal alloys using the vacuum-cup electrode. 05 p0758 A67-16369
- LEARN, A. J.**
Formation of the complement of an agglomerated film. 11 p1845 A67-24142
- LEARY, F.**
Support net for manned space flight. 08 p1317 A67-21281
Tactical aircraft survivability. 17 p2796 A67-32434
- LEATHERBARROW, W. J.**
A survey of dark lunar radial bands. 05 p0895 A67-16578
- LEATON, B. R.**
Recent changes in the magnetic dipole moment of the earth. 10 p1652 A67-23492
- LEAVENS, W. M.**
Double-frequency Tonks-Dattner resonances in the parallel polarization by self-combination scattering. 01 p0020 A67-10148
- LEBACH, J. L.**
Weld reliability of a space structure. 09 p1506 A67-22308
- LEBAIL, P.**
Some experimental data on the pulsed chronotron vernier /Quelques données expérimentales sur le vernier chronotron impulsif/. 01 p0067 A67-10658
- LEBAILLY, J.**
Recent progress in the preparation of very pure gallium arsenide. 10 p1693 A67-23517
Gallium arsenide lasers - Powerful light sources. 10 p1666 A67-23521
- LEBAR, S.**
TV show of the century - A travelogue with no atmosphere. 09 p1499 A67-22175
- LEBEAU, A.**
The French space program /Le programme spatial français/. 14 p2409 A67-28605
- LEBED, B. M.**
Peculiarities of ferroacoustic resonance in an yttrium ferrite galate solid solution /Osobennosti ferroakusticheskogo rezonansa v tverdom rastvore ferrita-gallata ittrila/. 05 p0868 A67-17064
Characteristic features of ferroacoustic resonance in a solid solution of yttrium ferrite-gallate. 15 p2538 A67-29795
Excitation of magnetoelastic waves. 16 p2733 A67-31733
- LEBEDEV, A. D.**
Electron temperature divergence in a dense argon plasma /Otryv elektronnoi temperatury v plotnoi argonovoi plazme/. 09 p1547 A67-22325
Electric field intensity distribution over the length of a longitudinally blown arc in a DC plasmatron /Raspredelenie napriazhennosti elektricheskogo polia po dline prodol'no-obduvaemol dugi v plazmatrone postolannogo toka/. 11 p1843 A67-24972
- LEBEDEV, A. M.**
High-energy interactions of nucleons with complex nuclei. 02 p0312 A67-12604
Mean characteristics of the process of multiple particle production at energies from 100 to 1000 GeV /Srednie kharakteristiki protsessa mnozhestvennogo rozhdeniya chastits pri energiyakh 100-1000 GeV/. 24 p4217 A67-42830
- LEBEDEV, A. O.**
Contribution to the theory of stability in the case of a complex stressed state /Do teorii mitsnosti pri skladnomu napruzenomu stanii/. 18 p3144 A67-34174
- LEBEDEV, D. V.**
Mechanical properties of Kh21G7AN5 steel at liquid hydrogen temperature /Mekhanicheskie svoystva stali Kh21G7AN5 pri temperature zhidkogo vodoroda/. 04 p0636 A67-14751
Mechanical properties of the EI827 alloy at low temperatures. 12 p1955 A67-25370
Mechanical properties of Kh21G7AN5 steel at the temperature of liquid hydrogen. 18 p3066 A67-34409
- LEBEDEV, I. V.**
Related problems in the development of laser and microwave engineering. 08 p1338 A67-21269
The effect of load mismatch on the operation of a laser. 08 p1338 A67-21270
Increasing the gain of M-type microwave amplifiers. 22 p3770 A67-39654
- LEBEDEV, M. A.**
Measurement of electron temperature in a low-voltage cesium arc. 02 p0275 A67-12470
Investigation of a low-temperature cesium plasma in a low-voltage arc. 04 p0666 A67-15182
Hot Langmuir probe /Goriachil' Lengmuirovskii zond/. 24 p4154 A67-42210
- LEBEDIN, N. N.**
Certain boundary-value problems of mathematical physics and the theory of elasticity for a single-cavity hyperboloid of revolution /Nekotorye kraevye zadachi matematicheskoi fiziki i teorii uprugosti dlia odnopolostnogo giperboloida vrascheniya/. 02 p0338 A67-11955
Integral expansion of an arbitrary function in terms of spherical functions. 11 p1812 A67-24149
Some boundary value problems of mathematical physics and of the theory of elasticity for a hyperboloid of revolution of one sheet. 17 p2966 A67-33272
- LEBEDEV, S. IA.**
Cesium thermionic converter with added inert gases. 09 p1444 A67-22008
Operation of a thermionic-emission converter in a mixture of cesium and neon. 16 p2610 A67-31783
- LEBEDEV, S. V.**
Theory of focusing of a quasineutral beam by axially symmetric electromagnetic fields. 23 p4035 A67-41682
- LEBEDEV, V. I.**
Losses in solid-state lasers during laser action /O poterlakh OKG na tverdom tele v protsesse generatsii/. 02 p0254 A67-12742
Some results of medical supervision of the state of the cosmonauts P. I. Belyaev and A. A. Leonov during training and orbital flight. 11 p1748 A67-24080
Temperature dependence of the radiation frequency of a ruby laser with a phthalocyanine blocking device /O temperaturnoi zavisimosti chastoty izlucheniia rubinovogo OKG s ftalotsianinovym zatvorom/. 21 p3640 A67-38451
Modeling of psychopathological syndromes by space-psychology methods /Modelirovanie psikhopatologicheskikh sindromov metodami kosmicheskoi psikhologii/. 24 p4112 A67-41856
- LEBEDEV, V. N.**
Problems of theory of vehicles optimal controls. 16 p2742 A67-30664
- LEBEDEV, V. V.**
Geometrical factor and radiation pattern for single crystalline detectors and a coaxial telescope /Geometricheskii faktor i diagramma napravlenosti dlia odnochnykh kristallicheskikh detektorov i soosnogo teleskopa/. 02 p0240 A67-11542
Shape factor and directional diagram for single crystal detectors and a coaxial telescope. 16 p2677 A67-31608
- LEBEDEVA, E. K.**
Long-term cultivation of *Chlorella* with direct recovery of the medium /Dlitel'noe kul'tivirovanie Khlorelli s priyamym vozvratom sredy/. 24 p4114 A67-41846
- LEBEDEVA, N. G.**
A class of self-similar motions of a relaxing gas /Ob odnom klasse avtomodel'nykh dvizhenii relaksirulushchego gaza/. 05 p0791 A67-16376
- LEBEDEVA, N. N.**
Intrinsic and impurity photoconductivity of In sub 4 S sub 5 single crystals /Domishkovaya i vlasnaia fotoprovodnost' monokristaliv In sub 4 S sub 5/. 21 p3676 A67-37859
- LEBEDEVA, V. D.**
Isothermal transformations in titanium-chromium alloys /Izotermicheskie prevrashcheniya v splavakh titana s khromom/. 07 p1200 A67-19244
- LEBEDEVA, V. V.**
The effect of load mismatch on the operation of a laser. 08 p1338 A67-21270
- LEBEDINETS, V. N.**
The disintegration mechanism of finely divided meteoritic bodies in the atmosphere. 03 p0509 A67-13205
Meteoric matter near the earth's orbit from radio meteor observations. 09 p1563 A67-21635
Initial radius of an ionized meteor trail. 13 p2198 A67-26554
Meteoric phenomena in the earth's atmosphere - Results of researches on international geophysical projects /Meteornye yavleniya v atmosfere zemli. Rezul'taty issledovaniia po mezhdunarodnym geofizicheskim proektam/. 16 p2754 A67-31866
New data on meteoric matter in the solar system /Novye dannye o meteornoii materii v solnechnoi sisteme/. 17 p2941 A67-32321
- LEBEDINSKAIA, Z. T.**
Mode selection in the semiconcentric cavity of a gaseous laser oscillator. 03 p0437 A67-13286
- LEBEDINSKI, A.**
Venus - A hot planet/ques/ /Die Venus - Ein heisser Planet/ques/. 05 p0886 A67-16029
- LEBEDINSKI, A. I.**
Measurements of lunar radiation fluxes in the infrared and visible spectral regions by the Luna 10 orbiter /Izmereniia potokov izlucheniia luny v infrakrasnoi i vidimoi oblastiakh spektra na sputnike "Luna-10"/. 05 p0886 A67-16052
Ultraviolet spectrum of the earth according to measurements from Cosmos-65. 07 p1178 A67-19801
The spectrum of the earth's heat radiation according to the observation from the

- Cosmos 45, Cosmos 65 and Cosmos 92 satellites. 10 p1637 A67-23194
Measurements of night glow from the Cosmos 92 satellite. 10 p1647 A67-23276
The earth's ultraviolet spectrum according to the measurements from the Cosmos 65 satellite. 10 p1647 A67-23277
Statistical characteristics of the earth's radiation into space at wavelengths ranging from 7 to 26 μ /Statisticheskie kharakteristiki izlucheniia zemli v kosmos v diapazone dlina voln 7-26 16 p2668 A67-31887
Scientific results of an analysis of lunar surface panoramas. 18 p3122 A67-34138
The spectrophotometric measurements of the moon in the 1900-2750 angstrom units range from the Zond 3 automatic space probe. 18 p3122 A67-34140
The lunar ultraviolet spectrum in the range of 2850-3550 angstrom units according to the data obtained from the Zond 3 automatic space probe. 18 p3122 A67-34141
The spectral composition of the infrared earth's radiation into the space according to the results of measurements from the artificial earth's satellites. 19 p3219 A67-35253
Measurement of radiation emission from the moon in the infrared and optical spectral regions by the satellite Luna-10. 21 p3701 A67-37839
- LEBEDINSKY, A. I.**
The phenomenology and morphology of aurorae. 19 p3224 A67-35495
- LEBEL, P. J.**
Feasibility tests of a radioisotope-type ablation-measuring system. 05 p0841 A67-16529
- LEBEL, T. J.**
The RAIDS data system as a tool of system safety engineering. 18 p3007 A67-34703
- LEBLANC, M.**
Generation of very intense pulses at 5300 angstrom units with the aid of a very-high-power laser - Saturation and possibilities in the near ultraviolet /Generation d'impulsions tres intenses a 5300 angstrom units avec un laser de tres grande puissance - Saturation et possibilites dans le proche ultraviolet/. 01 p0090 A67-10759
- LEBLANC, M. A. R.**
Diamagnetic and paramagnetic surface currents induced by temperature changes in type-II superconductors in static magnetic fields. 14 p2365 A67-28296
Interaction of conduction and induced currents in Nb sub 3 Zr wires subjected to axial fields. 15 p2539 A67-29826
- LEBLANC, R.**
The case for thermoelectric cooling. 08 p1427 A67-21416
- LEBLANC, R. L.**
Thermal control - Inertial components and systems. I - Inertial 02 p0241 A67-11789
Thermal control - Inertial components and systems. II. 04 p0626 A67-15791
- LEBLOCH, H.**
Semiconductor lasers and fast detectors in the infrared /3 to 15 microns/. 05 p0821 A67-16668
- LEBO, G. R.**
Influence of the terrestrial environment on the temporal and statistical characteristics of Jovian decametric radiation. [RASSA PAPER 1-10-134] 03 p0373 A67-14245
Morphology of Jupiter's decametric radio sources. 21 p3710 A67-38997
- LEBO, J. A.**
Pattern recognition preprocessing by similarity functionals. 02 p0207 A67-12137
Inertial navigation errors for a lifting reentry vehicle. 17 p2881 A67-32476
- LEBOUCHER, J.-C.**
Phenomena preceding shock waves in argon /Phenomenes precursors d'ondes de choc dans l'argon/. 03 p0483 A67-13885
- LEBOW, I. L.**
Communications via several satellites using the Lincoln experimental terminal. 06 p0959 A67-17669
A sequential decoding technique and its realization in the Lincoln experimental terminal. 20 p3384 A67-37348
- LEBOWITZ, J. L.**
High-temperature equation of state - Argon. 08 p1355 A67-21255
Kinetic equations and density expansions - Exactly solvable one-dimensional system. 11 p1824 A67-25078
- LEBRUN, J.**
Preparation and properties of solar photovoltaic cells in thin films of copper and cadmium telluride /Realisation et proprietes des photopiles solaires en couches minces de tellure de cuivre et tellure de cadmium/. 08 p1285 A67-20731
Thin-film cadmium telluride solar cells /Les photopiles solaires en couches minces de tellure de cadmium/. 21 p3679 A67-38224
- LECAR, M.**
The validity of the Vlasov equation for a one-dimensional self-gravitating gas. 22 p3894 A67-40508
- LECHNER, T. L., JR.**
An experimental evaluation of fluidic transmission line theory. 14 p2251 A67-28349
- LECK, J. H.**
A report on the delay time of an avalanche discharge in silicon. 07 p1238 A67-20256
The relation between current flow and oxygen adsorption in a reverse biased silicon pn junction. 17 p2911 A67-32202
- LECKENBY, R. E.**
The ionization potentials of clustered sodium atoms. 21 p3660 A67-39109
- LECKIE, H. P.**
Stress-corrosion characteristics of a Ti-7Al-2Cu-1Ta alloy. 20 p3470 A67-37465
- LECLERC, D.**
Problems of the corrosion of beryllium in CO sub 2 under pressure at high temperatures /Problemes de corrosion du beryllium dans le gaz carbonique sous pression aux temperatures elevees/. 13 p2136 A67-27108
- LECLERCQ, J.**
Theoretical calculation of the Rydberg levels of the oxygen molecule /Calcul theorique des niveaux de Rydberg de la molecule d'oxygene/. 10 p1681 A67-22887
- LECOMTE, C. L.**
Investigation of high-velocity impacts by means of a light-gas gun /Etude d'impacts a grande vitesse a l'aide d'un canon a gaz léger/. 04 p0710 A67-15002
- LECOMTE, P.**
Future prospects of aeronautical construction in Europe /Regards d'avenir sur la construction aeronautique en Europe/. 01 p0168 A67-10264
Future prospects of aeronautical construction in Europe /Regards d'avenir sur la construction aeronautique en Europe/. 03 p0537 A67-12966
- LECOY, G.**
Determination of two opposing tunnel currents in a metal-oxide-metal structure /Determination des deux courants tunnel opposes dans une structure metal-oxyde-metal/. 14 p2387 A67-28515
- LECROART, H.**
The behaviour of various electrodes and insulators in an experimental M.H.D. generator. 18 p2988 A67-33708
- LEDERBERG, J.**
The Pasteur probe - An assay for molecular asymmetry. 15 p2433 A67-29116
Relationship of planetary quarantine to biological search strategy. 19 p3180 A67-35233
- LEDERER, J.**
Measure of safety in business aircraft operations. 14 p2245 A67-28320
Air collision avoidance. 19 p3173 A67-35865
- LEDERER, P. S.**
Performance-testing pressure transducers. 22 p3809 A67-40464
- LEDERLE, T.**
Pole fluctuations /Polschwankungen/. 13 p2110 A67-26465
- LEDERMAN, S.**
Microwave resonant cavity measurement of shock produced electron precursors. [AIAA PAPER 66-175] 05 p0856 A67-17342
Langmuir probe and microwave technique for ionized flows. 11 p1790 A67-24451
- LEDFOUR, A. E., JR.**
A vacuum ultraviolet flash photolysis apparatus. 05 p0807 A67-16782
- LEDFOUR, O. C.**
Launch operations techniques - Government. [AIAA PAPER 67-889] 24 p4140 A67-43002
- LEDOUX, P.**
The origin of helium in the universe /L'origine de l'hélium dans l'univers/. 17 p2942 A67-32405
- LEDU, J.**
Hypersonic reentries /Les reentrees hypersoniques/. 17 p2955 A67-32376
- LEDWITH, F.**
Complex reaction times at simulated cabin altitudes of 5,000 feet and 8,000 feet. 01 p0017 A67-10953
- LEE-VAN GU, A.**
Numerical calculation of the relaxation of an electron gas. 13 p2164 A67-26297
- LEE, A. C.**
OGO solar array design, fabrication and flight performance. 24 p4104 A67-42508
- LEE, B.**
Autonomous upgrading of inertial navigation systems. 18 p3075 A67-34106
- LEE, B. H. K.**
Detonation-driven shocks in a shock tube. 10 p1625 A67-23137
Nonuniform propagation of imploding shocks and detonations. 23 p3992 A67-41722
- LEE, C. A.**
Time dependence of avalanche processes in silicon. 18 p3105 A67-34628
- LEE, C. H.**
The preparation and C-V characteristics of Si-Si sub 3 N sub 4 and Si-SiO sub 2 - Si sub 3 N sub 4 structures. 21 p3678 A67-38151
- LEE, C. W.**
Varactor S-band direct phase modulator. 04 p0580 A67-14596
- LEE, D.**
Yielding and plastic deformation in textured sheet of titanium and its alloys. 06 p1016 A67-17900
Effect of gas pressure on electrical breakdown and field emission. 11 p1820 A67-24921
Superplasticity in some titanium and zirconium alloys. 18 p3064 A67-34083
The Knoop-hardness yield loci for two titanium alloys. 21 p3646 A67-38777
- LEE, D. A.**
Forward and backward-wave moving striations in the constricted discharge. 02 p0273 A67-12188
Spectroscopic measurements in fluctuating arcs. 06 p1042 A67-18540
Study of inhomogeneous turbulence. 18 p3030 A67-34741
The wave nature of moving striations. 19 p3273 A67-35094
- LEE, D. B.**
Aerothermodynamics - The Apollo experience. 16 p2761 A67-30935
- LEE, D. E.**
An airborne photographic instrumentation system for photometric observation of the total solar eclipse of November 12, 1966. 16 p2878 A67-31784
- LEE, D. W.**
A model for planetary igneous differentiation. 17 p2942 A67-32387
- LEE, E. B.**
Linear optimal systems with time delays. 03 p0392 A67-13270
- LEE, E. H.**
Thermomechanical coupling behavior of viscoelastic rods subjected to cyclic loading. [ASME PAPER 66-WA/APM-29] 04 p0714 A67-15423
Finite-strain elastic-plastic theory with application to plane-wave analysis. 08 p1422 A67-21290
- LEE, E. P.**
Suppression of the Jeans instability in collisionless media. [AD-653420] 16 p2753 A67-31700
- LEE, F. B.**
Where are we now with all-weather landing/ques/ [AIAA PAPER 67-572] 19 p3258 A67-35988
- LEE, G.**
Hypersonic flow over a blunt flat plate with surface mass transfer. 01 p0007 A67-11180
- LEE, G. H.**
A new kind of aeroplane for economical short-haul operation. 03 p0357 A67-12968
Aerodynamic considerations of a medium Mach business aeroplane. [SAE PAPER 670244] 12 p1894 A67-25499
The aerodynamic design philosophy of the Handley Page jetstream. 22 p3746 A67-40129
The turbomeca Astazou XIV powerplant. 22 p3868 A67-40131
- LEE, G. M.**
Computer generation of reference maps. 11 p1791 A67-24458
- LEE, H. B.**
Network synthesis using lossy

- reactances. 03 p0393 A67-13974
Frequency-domain instability criteria for time-varying and nonlinear systems. 15 p2455 A67-29167
- LEE, H. C.
Torsional vibration of a geared system. [ASME PAPER 67-VIBR-63] 11 p1797 A67-24205
- LEE, H. S.
Advanced dynamic power generating systems for space vehicle applications. 01 p0112 A67-11428
Permanent radiation damage effects in narrow-base PNP devices. 24 p4130 A67-42248
- LEE, H.-F.
RADANT - An integrated radome antenna system. 18 p3016 A67-34598
- LEE, I.
Optimal control computation by the Newton-Raphson method and the Riccati transformation. 15 p2456 A67-29363
Synthesis of optimal feedback control systems subject to parameter variations. 16 p2647 A67-31641
On the optimal feedback control of a large launch vehicle to reduce trajectory sensitivity. 16 p2763 A67-31679
- LEE, J.
Isotropic turbulent mixing under a second-order chemical reaction. 02 p0234 A67-12549
- LEE, J. C.
Variational method for the ground state of liquid He super 4. 22 p3835 A67-39301
- LEE, J. F.
Space communications - Present and future. 06 p0965 A67-19028
- LEE, J. H.
Shock propagation in solid media. [AIAA PAPER 67-141] 06 p1102 A67-18290
Spark initiation of converging detonation waves. 14 p2293 A67-28141
- LEE, J. S.
The effect of word length in the implementation of an onboard computer. 15 p2439 A67-29596
- LEE, J. T.
Association between atmospheric turbulence and radar echoes in Oklahoma. 04 p0649 A67-14687
- LEE, K.
Temperature variation of La super 139 nuclear quadrupole resonance in LaF sub 3. 01 p0129 A67-10149
- LEE, K. F.
Dispersion and damping of oscillations in Maxwellian plasmas with nonuniform zero-order densities. 04 p0665 A67-15103
Streaming instabilities in plasmas with zero-order density gradients. 08 p1360 A67-21128
Generalized formulation of electrostatic oscillations and streaming instabilities in bounded and unbounded inhomogeneous Vlasov plasmas. 08 p1363 A67-21305
Higher-order modes of the two-stream instability in bounded and/or inhomogeneous plasmas. 20 p3495 A67-36169
On the concept of effective density and experimental tests of plasma-wave theory. 22 p3844 A67-39367
- LEE, K. S. H.
Electromagnetic reflectivity of nonuniform jet streams. 23 p3974 A67-41201
- LEE, L. H.
On the approximate and numerical solution of Orr-Sommerfeld problems. 11 p1781 A67-24552
- LEE, L. H. N.
Effect of modes on plastic buckling of compressed cylindrical shells. 04 p0710 A67-14852
- LEE, M.
Vehicles for lunar exploration. 03 p0396 A67-13889
- LEE, N. K.
Allocation of system reliability by dynamic programming. 15 p2512 A67-30409
- LEE, P. D.
Fresnel diffraction patterns of an array of circular apertures. 22 p3835 A67-39235
- LEE, P. H.
A phase comparison optical discriminator. 08 p1339 A67-21378
Saturated neon absorption inside a 6328-angstrom units laser. 16 p2685 A67-31033
- LEE, P. R.
Studies on criticality - Temperature profiles in explosive systems and criteria for criticality in thermal explosions. 18 p3156 A67-33851
- LEE, Q. H.
Optimization of directivity and signal-to-noise ratio of an arbitrary antenna array. 01 p0035 A67-10431
- LEE, R.
Theory of human vibration response. [ASME PAPER 66-WA/BHF-15] 04 p0564 A67-15937
- LEE, R. H.
ARIA deployment model. 20 p3361 A67-36600
- LEE, R. H. C.
Merged layer ionization in the stagnation region of a blunt body. 16 p2592 A67-30955
- LEE, R. S.
Nonequilibrium-transition patterns of a quasi-one-dimensional dissociating-gas flow. 19 p3211 A67-35759
- LEE, S.
Simulated space effects on microelectronic device materials. 15 p2466 A67-29549
- LEE, S. A.
Lysosomal enzymes in rats exposed to 100 per cent oxygen. 18 p2992 A67-34719
Effects of a deficiency of vitamins A and E on rats exposed to 100 percent oxygen. 23 p3952 A67-41568
- LEE, S. C.
Sensitivity minimization in active RC integrated circuit design. 08 p1308 A67-20322
- LEE, S. D.
On the axisymmetric collapse of cylindrical shells under external hydrostatic pressure. 18 p3140 A67-33432
- LEE, S. M.
Effects of heat sterilization in microelectronic assemblies. 12 p1914 A67-25683
Sterilization effects on microelectronics. 21 p3596 A67-38344
- LEE, S. W.
Optimization of directivity and signal-to-noise ratio of an arbitrary antenna array. 01 p0035 A67-10431
Impedance matching of an infinite phased array by dielectric sheets. 01 p0040 A67-11312
Current distribution and input admittance of an infinite cylindrical antenna in anisotropic plasma. 11 p1761 A67-24284
Reflection and transmission of electromagnetic waves by a moving uniaxially anisotropic medium. 11 p1820 A67-24919
Wave propagation in earth-ionosphere waveguide. 12 p1904 A67-25216
On the coupling of modal waves in a plasma-filled parallel-plate waveguide. 12 p1915 A67-25943
Radiation from an infinite array of parallel-plate waveguides with thick walls. 17 p2828 A67-33085
Transient radiation of an electric dipole in a uniaxially anisotropic plasma. 20 p3388 A67-37704
Mode matching method for anisotropic guides. 20 p3407 A67-37712
Scattering of electromagnetic waves by a moving cylinder in free space. 22 p3760 A67-39623
Discontinuity problem in an anisotropic waveguide. 23 p3973 A67-40880
- LEE, S. Y.
Further studies of ammonium perchlorate composite propellant deflagration by means of burner analog techniques. [AIAA PAPER 67-101] 06 p1073 A67-18472
Piezoelectric actuators for fluid control applications. 14 p2248 A67-28267
Technique for measuring the emittance of polymers at elevated temperatures. 20 p3446 A67-36663
- LEE, S.-L.
Limit analysis by direct method of variation. 23 p4074 A67-40629
- LEE, S.-W.
Radiation from an infinite aperiodic array of parallelplate waveguides. 23 p3978 A67-40825
- LEE, T. C.
Propagation characteristics of a partially filled cylindrical waveguide for light beam modulation. 02 p0193 A67-11780
Intra-cavity perturbation of a gas laser by Faraday effects in glasses. 05 p0818 A67-16646
- LEE, T. G.
Analysis, design, and testing of heat-short-isolation components for high-performance insulation systems. 13 p2228 A67-27658
- LEE, T. H.
Vibration of shallow spherical shells with concentrated mass. 05 p0910 A67-16147
A self consistent model for the cathode region of a high pressure arc. 19 p3278 A67-35137
I. A self consistent model for the cathode region of a high pressure arc. 19 p3279 A67-35138
II.
- LEE, T. P.
Calculations of cutoff frequency, breakdown voltage, and capacitance for diffused junctions in thin epitaxial silicon layers. 09 p1556 A67-22206
- LEE, V. A.
Parametric aircraft synthesis and performance analysis. [AIAA PAPER 66-795] 01 p0009 A67-10535
A survey of ballistic Mars-mission profiles. 07 p1248 A67-19358
Computerized synthesis and performance analysis of hypervelocity vehicles. 17 p2819 A67-32474
Computerized aircraft synthesis. 21 p3568 A67-38534
- LEE, W. B.
Cryogenic ignition of hydrogen and oxygen with Raney nickel. 09 p1579 A67-21706
- LEE, W. C.-Y.
An energy-density antenna for independent measurement of the electric and magnetic field. 24 p4131 A67-42340
- LEE, W. H. K.
Global analysis of seismic refraction measurements. 05 p0796 A67-16152
A spherical harmonic analysis of the earth's topography. 08 p1325 A67-20937
The present state of heat flow observations. 15 p2477 A67-29763
- LEE, W. O.
Horizontal tail servoactuator keeps it up. 05 p0752 A67-16160
- LEE, Y. C.
Theory of parametric coupling in plasmas. 04 p0672 A67-15771
Radiation from nonlinearly excited plasmas. 14 p2356 A67-28153
- LEE, Y. S.
A time-optimal adaptive control system via adaptive switching hypersurface. 16 p2650 A67-31672
A time-optimal adaptive control system via adaptive switching hypersurface. 24 p4134 A67-42177
- LEEDS, D. H.
Coatings of High-Temperature Materials. 19 p3244 A67-34956
Coatings on refractory metals. 19 p3245 A67-34959
- LEEDS, J. V.
An applied synthesis technique for strongly interacting multivariable control systems. 16 p2649 A67-31661
- LEELA, S.
Converse theorems for conditional stability of motion. 24 p4189 A67-42690
- LEES, L.
Laminar boundary layer separation and near-wake flow for a smooth blunt body at supersonic and hypersonic speeds. [AIAA PAPER 67-62] 06 p0986 A67-18270
Experimental investigation of supersonic laminar, two-dimensional boundary layer separation in a compression corner with and without cooling. [AIAA PAPER 67-191] 06 p0940 A67-18361
Further results of viscous interaction theory for the laminar supersonic near wake. [AIAA PAPER 67-61] 06 p0941 A67-18467
Laminar boundary-layer separation and near-wake flow for a smooth blunt body at supersonic and hypersonic speeds. [AIAA PAPER 67-62] 14 p2240 A67-28112
- LEES, M.
A linear three-level difference scheme for quasi-linear parabolic equations. 02 p0258 A67-11556
An extrapolated Crank-Nicolson difference scheme for quasilinear parabolic equations. 24 p4180 A67-43091
- LEES, S.
Numerical Fourier transform calculations for pulse testing procedures. 17 p2883 A67-32018
- LEEVY, C. M.
Phagocytic activity and hepatic function following localized proton radiation to the liver. 10 p1599 A67-23814
- LEEZER, J. F.
Degradation of quantum efficiency in gallium arsenide light emitters. 10 p1615 A67-23525

- LEFEBVRE, A. H.**
Factors affecting fresh mixture entrainment in bluff-body stabilized flames. 02 p0342 A67-12029
The influence of turbulence on the structure and propagation of enclosed flames. 07 p1265 A67-19073
- LEFEUVRE, S.**
New method of measuring the dielectric constant of very low loss materials at millimeter wavelengths /Une nouvelle methode de mesure en ondes millimetriques de la constante dielectrique des materiaux a tres faibles pertes/. 11 p1792 A67-24764
Operation of a pulsed reflex klystron /Fonctionnement d'un klystron reflex en regime d'impulsions/. 19 p3193 A67-35416
- LEFEVER, R. A.**
Paramagnetic resonance spectrum of Ce super 3 super plus yttrium gallium garnet. 08 p1371 A67-21312
- LEFEVRE, J.**
Study of iron and carbon grains /Etude de pousieres de fer et de carbone/. 22 p3896 A67-40531
- LEFKOWITZ, I.**
An adaptive technique for on-line optimizing control. 16 p2648 A67-31655
- LEFLER, E. D.**
Some propulsion/airframe integration aspects of hypersonic cruise aircraft. 17 p2796 A67-32475
- LEFRACK, F.**
The frequency-modulation feedback system for the lunar-orbiter demodulator. 06 p0975 A67-18108
- LEFRITZ, N. M.**
A study and review of human response to prolonged random vibration. 14 p2257 A67-28660
- LEGENDRE, R.**
The aerodynamics of turbines /L'aerodynamique des turbomachines/. 05 p0748 A67-16745
Generating a uniform flow field past a cascade of plane thin vanes subjected to small random vibrations /Uniformisation du champ d'ecoulement autour d'une grille d'aubes planes et minces soumises a des vibrations petites quelconques/. 09 p1439 A67-22588
Aerodynamic damping and frequency drift of turbomachine blades /Amortissement aerodynamique et glissement de frequence des aubes de turbomachines/. 13 p2051 A67-27205
Plane flow of an incompressible viscous fluid around a barrier extending downstream to infinity /Ecoulement plan d'un fluide visqueux incompressible autour d'un obstacle s'etendant a l'infini/. 18 p3025 A67-33682
Plane flow of an incompressible viscous fluid around a parabolic profile /Ecoulement plan d'un fluide visqueux incompressible autour d'un profil parabolique/. 20 p3420 A67-36394
Aerodynamic damping of compressor blades and turbine buckets. 23 p3927 A67-40669
- LEGENDRE, R. G.**
Calculation of turbine blade profiles /Calcul des profils d'ailettes de turbomachines/. 23 p3928 A67-41244
- LEGG, A. J.**
The behaviour of the topside ionosphere during storm conditions. 24 p4148 A67-42058
Observations of the topside ionosphere during three solar eclipses. 24 p4148 A67-42059
Observations of spread ionization in the topside of the ionosphere. 24 p4148 A67-42060
The reception of ground-based Loran transmissions by the fixed-frequency topside sounder satellite. 24 p4119 A67-42061
Diurnal variations of the electron concentration in the topside ionosphere at low and middle latitudes. 24 p4148 A67-42064
- LEGG, T. H.**
Observations of quasars using interferometer baselines up to 3,074 km. 17 p2947 A67-32760
A high-resolution 2800 MHz multi-element interferometer. 17 p2864 A67-33402
Diameters of some quasars at a wavelength of 66.9 cm. 24 p4226 A67-41876
- LEGGETT, H.**
Techniques for elevated-temperature tensile testing of thin super alloys. 03 p0446 A67-13553
- LEGKODUKH, A. M.**
Effect of oxygen on the properties and structure of VT 16 titanium alloy /Vliyanie kisloroda na svoystva i strukturu titanovogo splava VT16/. 04 p0637 A67-14942
- LEGNER, H.**
Effect of a heated driver gas on shock-tube performance. 14 p2294 A67-29053
- LEGOSTAEV, V. P.**
The system of uniaxial solar orientation in the space-ship-satellites "Vostok". 12 p1964 A67-25642
- LEGOSTAYEV, V. P.**
Control system for automatic station "Luna-9". 22 p3897 A67-39167
- LEGOWSKI, S.**
Spatial distribution of optically pumped atoms. 03 p0437 A67-13388
- LEGRAND, J. P.**
Preliminary report on measurements with balloon-borne detectors in Northern Scandinavia during the solar proton event of July 7, 1966. 05 p0882 A67-16740
Energy variations of solar protons according to balloon measurements. 10 p1702 A67-23305
Some properties of the slowly varying ionospheric absorption events in the auroral zone. 17 p2845 A67-32794
Balloon measurements of solar protons in northern Scandinavia on July 7, 1966. 19 p3312 A67-35175
- LEHANE, J. A.**
Properties of a laboratory plasma prepared with combined transverse and longitudinal currents. 11 p1845 A67-25098
- LEHENY, R. F.**
Wave-excited anomalous diffusion in a fully ionized magnetoplasma. 08 p1360 A67-21125
- LEHMAN, A. F.**
Evaluating adhesives for hydrofoils. 21 p3632 A67-38131
- LEHMAN, E.**
Asymptotic behavior of the curvature tensor in certain asymptotically Euclidean space-time models /Comportement asymptotique du tenseur de courbure dans certains modeles d'espace-temps asymptotiquement Euclidiens/. 11 p1819 A67-24763
- LEHMAN, H.**
Structure of highly underexpanded transverse jets in a supersonic stream. 12 p1892 A67-25900
- LEHMAN, W.**
The problem of glider takeoff using a tow winch /Zagadnienie startu szybowca za wyciagarka/. 24 p4093 A67-41917
- LEHMANN, G. M.**
On the interaction of a finite amplitude pressure pulse with a combustion region. 18 p3108 A67-33830
- LEHMANN, H.-R.**
Investigations of the turbulence in the mesosphere determined from rocket measurements. 10 p1646 A67-23273
- LEHNER, G.**
On the relaxation of anisotropic plasmas. 24 p4198 A67-42440
- LEHNER, J. W.**
Analog simulation of uprated Saturn I first stage propulsion system dynamic characteristics. 22 p3869 A67-40169
- LEHNERT, B.**
Critical voltage of a rotating plasma. 04 p0672 A67-15648
Experimental evidence of plasma instabilities. 14 p2360 A67-28556
- LEHNERT, G.**
Thermal-shock testing of turbine vanes with surface protection /Thermoschockpruefung von Turbinenschaufeln mit Oberflaechenschutz/. 06 p1006 A67-17610
- LEHNIGK, S. H.**
The stability criteria of Leonhard-Michailov and Nyquist. 06 p0973 A67-17626
Liapunov's direct method and the number of zeros with positive real parts of a polynomial with constant complex coefficients. 15 p2458 A67-29899
- LEHOCZKY, A.**
Microwave transmission-and reflection-coefficient ratios of thin superconducting films. 10 p1688 A67-22764
- LEHONGRE, S.**
A versatile aluminum alloy for cryogenic applications. 13 p2142 A67-27673
- LEHOVEC, K.**
Charge motion on silicon oxide surfaces. 13 p2176 A67-28707
- LEHR, C. G.**
Satellite range measurements with a laser at an astrophysical observing station. 10 p1606 A67-23182
- LEHR, P.**
Observation of titanium with the aid of the transmission electron microscope /Sur l'observation du titane au microscope electronique en transmission/. 11 p1806 A67-24428
- LEHRER, W. I.**
An epitaxial GaAs field-effect transistor. 19 p3196 A67-35629
- LEIBHOLZ, S. W.**
System effectiveness as a generalization of system availability. 21 p3734 A67-38184
- LEIBLER, K.**
Application of the EPR method to the investigation of semiconductors /Zastosowania metody EPR do badan polprzewodnikow/. 14 p2373 A67-28968
- LEIBOVICH, S.**
Magnetohydrodynamic flow in channels of variable cross-section with strong transverse magnetic fields. 14 p2355 A67-27902
Magnetohydrodynamic flow at a rear stagnation point. 20 p3499 A67-38850
- LEIDERMAN, A. IU.**
Injection of an electron-hole plasma into a semiconductor /Inzhektzia elektronno-dyrochnoi plazmy v poluprovodnik/. 06 p1049 A67-17865
Theory of static characteristics of four-layer p super plus -n-nu-n super plus diode structures /K teorii staticheskikh kharakteristik chetyrekhsloinykh p super plus -n-nu-n super plus -diodykh struktur/. 08 p1303 A67-21054
Forced kinetic oscillations in semiconductor diode structures /Vynuzhdennye kineticheskie kolebania v poluprovodnikovykh diodnykh strukturakh/. 15 p2542 A67-30243
- LEIETS, R. A.**
Ultraconvergence of a sequence of optimal-approximation polynomials /O sverkskhodimosti posledovatel'nosti polinomov nalluchshego priblizhenia/. 07 p1216 A67-19583
- LEIGHTON, G. S.**
An analysis to determine the optimum heat source temperature for a potassium Rankine cycle space power plant. 24 p4185 A67-42537
- LEIGHTON, R. L.**
Applications of lasers to photo-optical instrumentation problems. 02 p0245 A67-12243
- LEIGHTY, R. D.**
Terrain information from high altitude side-looking radar imagery of an Arctic area. 01 p0059 A67-10328
- LEIKAND, M. A.**
Calculation of ball bearings operating under combined loads /Raschet sharikopodshipnikov, rabotaiushchikh pri kombinirovannykh nagruzkakh/. 03 p0432 A67-14083
Helicopters-Design and Engineering. 1 - Aerodynamics /Vertolety-Raschet i Proektirovanie. 1 - Aerodinamika/. 04 p0551 A67-15266
Helicopters-Design and Development. Book 2 - Vibrations and Dynamic Stability /Vertolety-Raschet i Proektirovanie. Kniga 2 - Kolebania i Dinamicheskaya Prochnost'/. 16 p2597 A67-31812
- LEIKIN, A. S.**
Investigation of the strain distribution in the bending of fir-tree fastenings of turbine blades /Issledovanie raspredeleniya usilii pri izgibe elochnykh zamkov lopatok turbomashin/. 03 p0528 A67-14076
- LEILICH, H.-O.**
Common mode capacitive cross coupling in memory arrays. 22 p3765 A67-39912
- LEINERT, C.**
OAO satellites for astronomical experiments /OAO-Satelliten fuer astronomische Experimente/. 06 p1098 A67-19048
- LEIPHOLZ, H.**
Application of Liapunov's method to elastostatic stability problems /Ueber die Anwendung der Methoden von Liapunow auf Stabilitaetsprobleme der Elastostatik/. 01 p0161 A67-10647
Concerning the choice of functions in the execution of the Galerkin procedure /Ueber die Wahl der Ansatzfunktionen bei der Durchfuehrung des Verfahrens von

- Galerkin/. 21 p3715 A67-37890
- LEIPOLD, M. H.
Impurity distribution in MgO. 01 p0131 A67-10262
[JPL-TR-32-1015]
Surface hydroxyl in MgO. 04 p0642 A67-15087
- LEIPUNER, L. B.
Search for fractionally charged particles produced by cosmic rays. 02 p0313 A67-12636
Search for charge-2/3 quarks produced by cosmic rays. 11 p1823 A67-24598
- LEIPZIGER, F. D.
Determination of nitrogen, oxygen, and hydrogen by spark-source mass spectrography. 15 p2433 A67-29403
- LEISENRING, J. G.
Analysis of satellite power systems for maximum utilization of power. 24 p4108 A67-42540
- LEISING, W.
Photodiode holder with 300 psec rise time for laser studies. 20 p3397 A67-36528
- LEISSA, A. W.
Vibration characteristics of a circular plate with a concentric reinforcing ring. 13 p2216 A67-26534
Vibration of a simply-supported elliptical plate. 20 p3539 A67-37007
- LEISTIKO, O., JR.
Effect of surface fields on the breakdown voltage of planar silicon p-n junctions. 13 p2079 A67-26873
- LEISTNER, W.
Results of measurements of medium-wave UV radiation conducted at Hamburg and Mt. Wilson /1740 7/, and the relationship between the ozonosphere and relative sunspot numbers /Ueber Ergebnisse von Messungen der mittelwelligen Ultraviolettstrahlung von Hamburg und vom Mt. Wilson /1740 m/ und die Beziehungen zur Ozonosphäre und den Sonnenfleckenrelativzahlen/. 22 p3873 A67-40030
- LEITE, R. C. C.
Radiative recombination in n-type InP. 16 p2732 A67-31450
- LEITER, E.
Unsteady flow of bodies of revolution according to the acoustic theory, and the sudden appearance of sources in sonic flow /Zur Instationären Umströmung von Rotationskörpern nach der akustischen Theorie und dem plötzlichen Auftreten von Quellen bei Schallanströmung/. 16 p2589 A67-30790
Contribution to the characteristic theory of nonstationary plane and axisymmetrical flows. I /Ein Beitrag zur Charakteristikentheorie der Instationären Ebenen und achsensymmetrischen Strömungen. I/. 17 p2839 A67-32713
Contribution to a characteristics theory of unsteady plane and axisymmetrical flows. II /Ein Beitrag zur Charakteristikentheorie der Instationären ebenen und achsensymmetrischen Strömungen. II/. 21 p3615 A67-39093
A model for the representation of characteristic surfaces and of bicharacteristics /Ein Modell zur Darstellung von Charakteristikenflächen und Bicharakteristiken/. 22 p3785 A67-40010
- LEITES, S. D.
Elastoplastic deformations of a cylinder in combined torsion and tension. 04 p0708 A67-14796
- LEITH, E. N.
On the application of coherent optical processing techniques to synthetic-aperture radar. 01 p0022 A67-10430
Recent results in holography. 04 p0623 A67-15302
Holography with achromatic-fringe systems. 20 p3450 A67-37022
- LEITINGER, R.
Influence of satellite motion on the Faraday effect /Einfluss der Satellitenbewegung auf den Faraday-Effekt/. 20 p3431 A67-37102
- LEITMAN, M. J.
A correspondence principle for free vibrations of a viscoelastic solid. 05 p0909 A67-16145
- LEITMANN, G.
An introduction to optimal control. 04 p0594 A67-15943
On the stability of solutions of a non-linear, non-autonomous equation. 09 p1533 A67-22154
A note on absolute extrema of certain Integrals. 11 p1812 A67-24087
Some geometric aspects of differential games. 15 p2509 A67-29404
Some geometrical aspects of optimal processes. I, II /Quelques aspects géométriques des processus optimaux. I, II/. 19 p3203 A67-35902
The geometry of optimal processes /Sur la géométrie des processus optimaux/. 19 p3204 A67-35903
- LEITSINA, V. G.
Boundary conditions at a surface subliming into a rarefied multicomponent gas /O granichnykh usloviyakh na poverkhnosti, sublimirulushchel v razrezheniy mnogokomponentnykh gaz/. 13 p2105 A67-27054
- LEIVO, W. J.
Photoconductivity oscillations in semiconducting diamonds. 23 p4044 A67-41454
- LEJEUNE, C.
Study of the variation of pressures in a duoplasmatron ion source as a function of the parameters of discharge /Etude de la variation des pressions dans une source d'ions du type duoplasmatron en fonction des paramètres de la décharge/. 14 p2359 A67-28512
Application of a simple discharge model to the interpretation of the relative abundances of different types of ions extracted from an argon duoplasmatron /Application d'un modèle simple de la décharge à l'interprétation des abondances relatives des différents types d'ions extraits d'un duoplasmatron à argon/. 23 p4033 A67-41190
- LEKAWA, E. R.
The effect of aerodynamic characteristics on the flare and landing of low L/D glide vehicles. [AIAA PAPER 67-575] 19 p3335 A67-35970
- LEKOFF, K.
On the problem of equivalence of model and object with regard to the control of the object. 15 p2464 A67-30335
- LEKSINA, I. E.
Optical properties of diluted solid solutions of silver and gold /Opticheskie svoystva razbavlenykh tverdykh rastvorov serebro-zoloto/. 02 p0255 A67-11870
- LEKSOVSKII, A. M.
A study of fatigue within the framework of the kinetic concept of fracture. 23 p4074 A67-40663
- LEKVEN, C. M.
Achieving low power operation in spaceborne computers. 17 p2820 A67-32503
- LELAKOWSKA, K.
Measurements of the resistance of thin chromium films as a function of the evaporation rate /Pomiar opornosci cienkich warstw chromowych w funkcji szybkości ich naparowywania/. 04 p0675 A67-14921
- LELE, S.
X-ray study of cold-worked magnesium. 07 p1210 A67-20108
Deformation faulting in titanium, zirconium and hafnium. 14 p2340 A67-29033
X-ray study of cold work and recovery in some H.C.P. metals and alloys. 19 p3247 A67-35835
- LELETA, A. A.
Investigation of the shaping processes in the manufacture of aircraft pipeline flanges /Issledovanie protsessov formobrazovaniya pri izgotovlenii flantsev aviatsionnykh truboprovodov/. 21 p3637 A67-38924
- LELUAN, D.
Investigation of the effects of anthocyanin glucosides on the night vision of airport approach controllers /Etude des effets des glucosides d'anthocyane sur la vision nocturne des controleurs d'approche d'aerodrome/. 04 p0561 A67-14633
- LELYAKINA, T. A.
The spectral composition of the infrared earth's radiation into the space according to the results of measurements from the artificial earth's satellites. 19 p3219 A67-35253
- LEMAIGNEN, J.
Description of the principal types of fuel cells /Description des principaux types de piles a combustible/. 14 p2253 A67-29023
- LEMAIRE, B.
Helicon effect in InSb and HgTe by a resonant-cavity method. 06 p1071 A67-18990
- LEMAIRE, J.
Unsteady radial expansion of a polytropic gaseous sphere /Expansion radiale non-stationnaire d'une sphere gazeuse polytropique/. 06 p1083 A67-18064
- LEMAITRE, M.
Chemical problems in the use of propellants in the second stage of the Europa I rocket /Problemes chimiques poses par l'emploi des ergols du 2e etage de l'engin Europa I/. 06 p1071 A67-17612
- LEMAY, A. R.
A survey of methods for generating Liapunov functions. 15 p2511 A67-30048
- LEMAY, J. L.
A simplified technique for error analysis of rocket boost inertial navigation systems. 05 p0839 A67-17353
- LEMBERSKII, V. B.
Stability of the flow of a structurally viscous fluid in the boundary layer on a plate /Ob ustoychivosti tcheniya strukturno-viazkosti zhidkosti v pogrannichnom sloe na plastine/. 13 p2105 A67-27051
Experimental study of the turbulence buildup in a structurally viscous fluid flow /Eksperimental'noe issledovanie vozniknoveniya turbulentnosti pri tchenii strukturno-viazkikh zhidkostei/. 14 p2305 A67-28801
- LEMCKE, B.
Study of blast-bow wave interactions in a shock tube and shock tunnel. 19 p3206 A67-34812
- LEMCOE, M. M.
Errors in high temperature strain measurements. 18 p3142 A67-33892
- LEMEILLE, C.
Analysis of the alpha particle spectra of the reactions d plus super 7 Li equals n plus 2 alpha and super 6 Li plus t equals n plus 2 alpha /Analyse des spectres des particules alpha des reactions d plus super 7 Li equals n plus 2 alpha et super 6 Li plus t equals n plus 2 alpha/. 13 p2159 A67-26435
- LEMKE, G. A.
An automatic integrated circuit mask artwork generating system. 18 p3055 A67-34558
- LEMKE, L. C., JR.
Passive thermal control techniques for electronics in the vicinity of descent engine skirts and plumes. [AIAA PAPER 67-158] 06 p1117 A67-18479
- LEMKE, M.
Wave types in ferrite-filled rectangular waveguides with transverse magnetization parallel to the broad side of the waveguide /Wellentypen im Ferritgefüllten Rechteckhohlleiter mit transversaler Magnetisierung parallel zur Hohlleiterbreitseite/. 20 p3382 A67-36864
- LEMKEY, F.
Eutectic composites by unidirectional solidification. 03 p0444 A67-13435
Metals with grown-in whiskers. 10 p1669 A67-23637
- LEMLICH, R.
Radiation from and conduction within a finite cylinder with a distributed electromagnetic heat source. [AICHE PAPER 16] 20 p3552 A67-36829
- LEMMON, W. W.
A unique system of state transition partial derivatives. [AAS PAPER 66-108] 07 p1253 A67-19968
- LEMONNIER, J.-C.
Optical properties of magnesium fluoride in the extreme ultraviolet /Proprietes optiques du fluorure de magnesium dans l'ultraviolet extreme/. 18 p3099 A67-33692
- LEMOIS, A. M.
General relation between electron trapping and the normal modes of a lattice. 03 p0495 A67-13515
- LEMPERT, J.
Preliminary evaluation of a nonvacuum welder for aerospace applications. 04 p0628 A67-15312
- LEMPICKI, A.
Liquid lasers. 15 p2501 A67-30086
- LENCITZ, C.
An investigation of the ballistic modifier in the combustion process using the heat of explosion test. [CI PAPER 67-1] 19 p3309 A67-34996
- LENEL, F. V.
Creep mechanisms and their role in the sintering of metal powders. 01 p0096 A67-10692
The high-temperature steady-state creep of pure silver and internally oxidized silver-magnesium alloys. 06 p1014 A67-17805
- LENEMAN, O. A. Z.
The theory of stationary point processes. 04 p0643 A67-14521

- Second-order statistics of alternated stepwise processes. 11 p1813 A67-24312
Correlation function and power spectrum of randomly shaped pulse trains. 21 p3604 A67-38948
- LENG, J.
Theory and experimental results of a detonation tube technique for simulating rocket plumes in a space environment. 24 p4253 A67-42029
- LENGAUER, G. G.
Astronomical chromatic refraction in connection with the question of guiding large telescopes /Astronomicheskaya khromaticheskaya refraktsiya v svyazi s voprosom o gidirovani bol'shikh teleskopov/. 02 p0325 A67-11983
- LENGYEL, B. A.
Evolution of masers and lasers. 01 p0089 A67-10503
Bibliography of the open literature of lasers. VI. 09 p1511 A67-21713
- LENGYEL, L. L.
Internal resistance and potential fall in MHD generators. 16 p2599 A67-30528
- LENHART, D. H.
Field theory of depolarization of radar backscatter with application to a distant, slightly rough sphere. 23 p3974 A67-41200
- LENIHAN, E. L.
Prediction of launch vehicle availability using computer simulation. [SMPTE PAPER 102-27] 22 p3908 A67-40371
- LENIN, A. S.
Measurement of the vertical intensity of rigid gamma-quanta at various atmospheric depths /Izmerenie vertikal'noi intensivnosti zhestkikh gamma-quantov na razlichnykh glublinakh atmosfery/. 05 p0879 A67-18098
Measurement of the vertical intensity of hard gamma rays at different depths in the atmosphere. 24 p4213 A67-42774
- LENKOW, W.
The construction and technology of a simple demountable ion microscope. 14 p2314 A67-27770
- LENN, P. D.
Plasma diagnostics by spectroscopic methods. 15 p2533 A67-30424
- LENNERT, A. E.
An evaluation of sputtering processes for long-term electric propulsion system testing. 09 p1559 A67-22120
- LENNON, H. J.
General purpose, maintenance-free aircraft battery-charger system. 17 p2804 A67-32515
- LENNON, J. J.
Electron-ion recombination in helium afterglows. 19 p3270 A67-35071
- LENOE, E. M.
Preliminary investigation of the mechanical behavior of three dimensionally reinforced plastics. 03 p0451 A67-13401
Mechanical and structural properties of a three dimensionally reinforced plastic. [AIAA PAPER 67-171] 06 p1020 A67-18296
Micromechanics of boron filament reinforced aluminum composites. [ASTM PAPER 9] 18 p3067 A67-34574
- LENOIR, J.
Direct conversion of gamma-radiation energy into electrical energy /Conversion directe de l'energie d'un rayonnement gamma en energie electrique/. 22 p3748 A67-40199
- LENOIR, W. B.
Observations of microwave emission by molecular oxygen in the terrestrial atmosphere. 02 p0237 A67-11852
Remote sounding of the atmospheric temperature by microwave measurements. 22 p3806 A67-40360
- LENSKE, M. D.
Scheduling and control of satellite communications systems. 06 p0981 A67-17699
- LENSKII, V. L.
Synthesis of minimum-complexity control systems. 20 p3409 A67-37223
- LENT, W. E.
Refractory glass fibers. 07 p1212 A67-20261
- LENZEN, K. H.
Polar axisymmetric free oscillations of thick hollowed tori. 18 p2775 A67-31423
Circumferential axisymmetric free oscillations of thick hollowed tori. 22 p3908 A67-39289
- LENZING, H. F.
Excitation of higher-order antenna modes by multipath propagation. 20 p3385 A67-37355
- LENZO, P. V.
Ultrasonic properties of bismuth germanium oxide. 02 p0300 A67-12507
- LEON, H. A.
The relation of oxygen toxicity to nutritional and hormonal factors. 23 p3956 A67-41632
- LEONARD, A. C.
Noise associated with heat transfer to liquid helium II. 22 p3838 A67-40389
- LEONARD, B. P.
Electron temperature shock structure in a partially ionized gas. 21 p3610 A67-37760
- LEONARD, B. S.
A gyroless solar pointing attitude control system for the Aerobee sounding rocket. 08 p1409 A67-20540
A gyroless solar pointing attitude control system for the Aerobee sounding rocket. 24 p4242 A67-42905
- LEONARD, C. A.
Direct measurement of compressible, turbulent boundary layer skin friction on a porous flat plate with mass injection. [AIAA PAPER 67-194] 06 p0987 A67-18341
Direct measurement of skin friction on a porous flat plate with mass injection. [AIAA PAPER 67-194] 23 p3991 A67-41713
- LEONARD, D. A.
Design and use of an ultraviolet laser. 13 p2128 A67-26700
The 5401-angstrom units pulsed neon laser. 13 p2128 A67-27089
Airport glide slope visual range indicator. 23 p3999 A67-41027
Observation of Raman scattering from the atmosphere using a pulsed nitrogen ultraviolet laser. 24 p4147 A67-41883
- LEONARD, D. J.
Gain limits of electronically despun antennas for communication satellites. [AIAA PAPER 66-325] 06 p0967 A67-17686
- LEONARD, H. W.
Analyses of longitudinal dynamics of launch vehicles with application to a 1/10-scale Saturn V model. 10 p1713 A67-23749
- LEONARD, J. W.
Inflatable shells - Pressurization phase. 11 p1875 A67-24432
- LEONARD, L.
Effect of cold reduction on precipitation and embrittlement of a cobalt-base alloy /L-605/. 04 p0639 A67-15457
- LEONARD, P.
Residual resistivity and increase of the thermoelectric power of metals at low temperature /Resistivite residuella et accroissement du pouvoir thermo-electrique des metaux a basse temperature/. 15 p2540 A67-30096
- LEONARD, R. F.
Alpha-particle scattering from even tellurium isotopes. 24 p4192 A67-42732
- LEONARD, R. L.
Feasibility of a high performance aerodynamic impulse facility. 21 p3605 A67-37768
- LEONAS, V. B.
Excitation of vibrational degrees of freedom in molecular collisions. 01 p0118 A67-11302
Methods for determining the interaction potentials of atoms, molecules, and ions /Metody opredeleniya potentsialov vzaimodeistviya atomov, molekul i ionov/. 03 p0473 A67-13613
Interaction potentials of H and He atoms and H sub 2 molecules /Potentsialy vzaimodeistviya atomov H, He, i molekul H sub 2/. 13 p2159 A67-26384
Methods of determining the interaction potentials of atoms, molecules, and ions. 18 p3083 A67-34478
Interaction potentials of H and He atoms and H sub 2 molecules. 21 p3660 A67-38822
- LEONDES, C. T.
On the Mayer problem technique for the constrained error coefficient criterion function optimization problem in aerospace guidance and control. 02 p0265 A67-12389
Optimum design and guidance law formulation of entry vehicles for guidance parameters and temperature accumulation along optimum entry trajectories. 16 p2758 A67-30660
A generalized linear guidance law for aerospace vehicles. 23 p4026 A67-41732
- LEONHARD, K. E.
A comparison of cooldown time between internally coated and uncoated propellant lines. 13 p2229 A67-27664
- LEONOV, A. A.
First walk in space by man /Pervyi vykhod cheloveka v kosmicheskoe prostranstvo/. 16 p2616 A67-30759
- LEONOV, N. N.
Certain questions concerning the dynamics of single-channel extremal systems of the auto-oscillating type /Nekotorye voprosy dinamiki odnokanal'nykh ekstremal'nykh sistem avtokolebatel'nogo tipa/. 20 p3409 A67-37110
Contribution to the theory of the simplest extremal systems of the self-oscillating type /K teorii prostейshikh ekstremal'nykh sistem avtokolebatel'nogo tipa/. 22 p3777 A67-39777
- LEONOV, R. K.
Some results of a study of the pulsed argon laser. 03 p0438 A67-14188
- LEONOVA, N. I.
Study of the structure of certain titanium alloys with an electron microscope using the method of thin foils /Issledovanie struktury nekotorykh titanovykh splavov v elektronnom mikroskope metodom tonkikh fol'g/. 17 p2872 A67-32722
- LEONTEV, A. I.
Some applications of the asymptotic theory of the turbulent boundary layer. 04 p0610 A67-15838
Heat exchange in a vortex region with transverse flow past a cylinder /Teplotnoobmen v vikhrevol oblasti pri poperechnom obtekanii tsilindra/. 06 p1119 A67-18821
Turbulent boundary layer of a dissociated gas at the inlet section of a tube /Turbulentnyi pogranichnyi sloi dssotsirovannogo gaza v nachal'nom uchastke truby/. 11 p1782 A67-24961
Turbulent boundary layer in the presence of surface chemical reactions /applicable to carbon surfaces/ /Turbulentnyi pogranichnyi sloi pri nalichii khimicheskikh reaktiv na poverkhnosti /primenitel'no k uglerodnym poverkhnostiam/. 24 p4252 A67-41935
Free convection heat transfer in horizontal channels and over a horizontal surface. 24 p4255 A67-42587
- LEONTEY, A. I.
Calculation of turbulent heat transfer at a semipermeable surface during injection of a foreign gas /K raschetu turbulentnogo teploobmena na polupronitsaemol poverkhnosti pri vdue inorodnogo gaza/. 05 p0927 A67-17000
- LEONTOVICH, A. M.
Temperature measurement of ruby laser rods during pumping from the variation in birefringence /Izmerenie temperatury rubinovyykh stержnei OKG vo vremia nakachki po izmeneniyu dvoynogo lucheprlomleniya/. 15 p2499 A67-29721
Shape of wave front and spatial emission coherence in a ruby laser giant pulse. 18 p3058 A67-33526
- LEONTOVICH, E. A.
Qualitative theory of second-order dynamic systems /Kachestvennaya teoriya dinamicheskikh sistem vtorogo poriadka/. 03 p0390 A67-13109
- LEOVY, C.
Mars ice caps. 04 p0694 A67-14494
- LEPECHINSKY, D.
Theory and experiment with HF resonance probes /Theorie et experiences sur les sondes a resonance H.F./. 21 p3626 A67-38220
- LEPERS, M.
Landing with poor visibility /L'atterrissage par mauvaise visibilite/. 14 p2347 A67-28990
- LEPIK, I. U. R.
Large deflections of a rigidly plastic cylindrical shell under the action of internal and external pressure /Bol'shie progiby zhestko-plasticheskoi tsilindricheskoi obolochki pod deystviem vnutrennego i vneshnego davleniya/. 12 p2026 A67-25618
- LEPIN, G. F.
Estimate of the relaxation resistance of metals from the results of creep tests. 11 p1877 A67-24816
- LEPOFF, J. H.
Improved intermodulation rejection in mixers. 08 p1304 A67-21223
- LEPORSKAIA, E. A.
Study of the characteristics of a hydrogen integrator in a pulsed mode of operation /Issledovanie kharakteristik vodorodnogo integratora pri rabote v impul'snykh rezhimakh/. 22 p3795 A67-39228
- LEPERT, G.
Investigation of arc jet temperature-measurement techniques. 11 p1793 A67-24825
- LEPRI, F.
FM parametric devices /Dispositivi

- parametric a modulazione di
frequenza/. 03 p0377 A67-13106
- Solid state low-current meters for
experiments in space vehicles /Misuratori a
stato solido di deboli correnti per esperienze
su veicoli spaziali/. 03 p0377 A67-13107
- LEPRINCE, P.**
Experimental study of the propagation of
an electromagnetic wave along a plasma
column subjected to a longitudinal magnetic
field according to the modes m equals 1 and
 m equals -1 /Etude experimentale de la
propagation selon les modes m equals 1 et
 m equals -1 d'une onde electromagnetique le
long d'une colonne de plasma soumise a un
champ magnetique longitudinal/. 02 p0273 A67-12062
- LEPSETER, M. P.**
Beam-lead sealed-junction
technology. 05 p0770 A67-16238
- LEQUEUX, J.**
Statistical properties of radio galaxies
/Proprietes statistiques des
radiogalaxies/. 03 p0512 A67-13878
- The electromagnetic emission of the
universe and its cosmological consequences
/Le rayonnement electromagnetique de
l'univers et ses consequences
cosmologiques/. 17 p2935 A67-32230
- LEQUEUX, P.**
Use of extra-thin stainless steel structures
in the second stage of the Europa I rocket
/Utilisation des structures en clinquant
d'acier inoxydable dans le deuxieme etage
de la fusée Europa I/. 01 p0160 A67-10408
- LERCHE, I.**
The relativistic gardenhose instability.
II. 09 p1546 A67-22229
- Unstable magnetosonic waves in a
relativistic plasma. 09 p1546 A67-22230
- Stability of the interstellar gas and field
including rotation. 14 p2388 A67-28832
- Space-charge waves and the isotropy of
the galactic cosmic ray
plasma. 16 p2739 A67-31234
- Theory of radio pulses from cosmic ray air
showers. 18 p3116 A67-34197
- An equilibrium state for the interstellar
gas and magnetic field. 20 p3528 A67-37472
- On the stability of an equilibrium state
for the interstellar gas and magnetic
field. 24 p4224 A67-41814
- An initial-value problem for oscillations of
the interstellar gas. 24 p4224 A67-41815
- LERINNAN, R. M.**
Combined effect of plastic deformation
and aging on the structure and properties of
the titanium alloy TC6 /Sovmestnoe vliyanie
plasticheskoi deformatsii i starenia na
strukturu i svoistva titanovogo splava
TC6/. 04 p0640 A67-15976
- LERMAN, S. H.**
Computer model of image
structure. 18 p3007 A67-34599
- Two-dimensional image prediction and
enhancement. 24 p4157 A67-42433
- LERNER, E.**
Magnetic properties of superconducting
Mo-Re alloys. 07 p1236 A67-20135
- LERNER, R. M.**
Lincoln experimental satellite program -
LES-1, -2, -3, -4. 24 p4242 A67-42906
- LERNER, S.**
Sealed cells and auxiliary
electrodes. 24 p4105 A67-42519
- LERNER, S. R.**
A review of batteries and fuel cells for
space power systems. 17 p2801 A67-32047
- LEROUJER, B.**
The twin-jet business aircraft Mystere 20 -
Fan-jet Falcon /Le bireacteur d'affaires
Mystere 20 - Fan jet
Falcon/. 05 p0752 A67-17268
- LEROUX-HUGON, P.**
Current instabilities in GaAs subjected to
conditions of nonlinear acoustic amplification
/Instabilites de courant dans GaAs soumis a
des conditions d'amplification acoustique non
lineaire/. 14 p2374 A67-28983
- Thermal lattice conductivity of
semiconductors /Conductivite thermique de
reseau des
semiconducteurs/. 14 p2374 A67-28984
- LEROY, C. H.**
A survival study of a modern commercial
jet aircraft /Boeing 727/ landing accident
with subsequent interior fire.
II. 23 p3969 A67-41650
- LEROY, J.**
Exact solutions of Einstein-Maxwell
equations. 07 p1218 A67-20281
- Einstein vacuum spaces with geodesic rays
/Sur les espaces d'Einstein du vide a rayons
geodesiques/. 18 p3078 A67-33690
- LEROY, J.-L.**
Researches on the homogeneity of solar
prominences with the help of photographs
taken in monochromatic light /Recherches
sur l'homogenete des protuberances solaires
a l'aide de photographies en lumiere
monochromatique/. 14 p2382 A67-28941
- LEROY, V.**
Diffusion calculations in three-component
solid solutions. 02 p0256 A67-12707
- LESBRE, D.**
Effect of the composition of silicon
crystals on the reaction of solar cells to
radiation /Influence de la composition de
cristaux de silicium sur la tenue aux
rayonnements des cellules
solaires/. 12 p1896 A67-25150
- Behavior of p-n junction devices irradiated
by 4-Mev electrons /Comportement de
dispositifs a jonction p-n irradies par des
electrons de 4 Mev/. 19 p3306 A67-35670
- Behavior of silicon solar cells bombarded
by 4-Mev electrons /Comportement de
cellules solaires au silicium irradiees par des
electrons de 4 Mev/. 21 p3571 A67-38648
- LESIUK, A.**
Elimination of the effect of the
temperature of the reference weld in a
thermoelectric temperature gage by an
electric method /Eliminacja wplywu
temperatury spoin odniesienia w
termometrze termoelektrycznym metoda
elektryczna/. 09 p1496 A67-21690
- LESLIE, F. M.**
Some constitutive equations for
anisotropic fluids. 01 p0053 A67-10849
- LESLIE, F. R.**
Multi-shaker multi-environment testing
techniques. 12 p1923 A67-25706
- LESLIE, H. R.**
Installation considerations for high bypass
ratio turbofan engines.
[AIAA PAPER 67-390] 15 p2548 A67-30358
- LESLIE, W. H. P.**
Computer graphical design
aids. 13 p2073 A67-27188
- LESNIK, A. G.**
Investigation of the critical alternating-
magnetization curves of permalloy films
/Issledovanie kriticheskikh krivyykh
peremagnichivaniya permalloyevykh
plenok/. 12 p1981 A67-25245
- Investigation of the effect of stresses on
the properties of Permalloy films
/Issledovanie vliyania napriazhenii na
svoistva permalloyevykh
plenok/. 17 p2920 A67-32889
- LESPINASSE, B.**
Thermionic diodes - Direct conversion of
thermal energy into electrical energy /La
conversion directe de l'energie thermique en
energie electrique - Les diodes
thermioniques/. 10 p1595 A67-22989
- LESSEN, M.**
Stability of magnetohydrodynamic half-jet.
I. 03 p0483 A67-14033
- Stability of magnetohydrodynamic half-jet.
II. 03 p0483 A67-14034
- Stability of relativistic
magnetohydrodynamic shock
waves. 15 p2523 A67-29216
- Stability of a relativistic
half-jet. 22 p3850 A67-39705
- Stability of a relativistic magneto-
gasdynamic half-jet. 22 p3850 A67-39706
- LESSMANN, G. G.**
The comparative weldability of refractory
metal alloys. 05 p0830 A67-18829
- LESSOFF, H.**
Self-decoration effect in lithium
ferrite. 22 p3855 A67-39344
- LESTER, A. M.**
Global air transport accident statistics.
[AIAA PAPER 66-805] 01 p0009 A67-10036
- Global air transport accident
statistics. 13 p2052 A67-28422
- LESTER, W. A., JR.**
Structural features of the S-matrix for the
rotational excitation of homonuclear
diatomic molecules by atom impact - Close-
coupled versus approximate
computations. 21 p3659 A67-38005
- LESTEV, A. M.**
Motion of a gyroscope with viscous and
Coulomb friction in the gimbal /O dvizhenii
giroskopa s vlyazkim i sukhim treniem v
oporakh/. 09 p1498 A67-22034
- LESTINGI, J. F.**
On nonlinear analysis of elastic shells of
revolution.
[ASME PAPER 66-WA/APM-18] 04 p0713 A67-15407
- LETFUS, V.**
Ionization in the near-maximum portion of
the E layer /Ionizatsiya v
okolomaksimumnaya chast na sloia
E/. 04 p0618 A67-15573
- Ionization of the E layer and solar X-rays
in the range 44-60 angstrom
units. 07 p1178 A67-19622
- Occultation of a noise storm source during
the partial solar eclipse of May 20,
1966. 17 p2953 A67-33403
- LETH-ESPENSEN, L.**
Evaluation of track-while-scan computer
logics. 04 p0654 A67-15059
- LETHAM, D. L.**
Fluidic system design. XIII - Effects of
circuit elements. 02 p0182 A67-11775
- Fluidic system design.
XIV. 03 p0363 A67-13233
- Fluidic system design.
XV. 05 p0754 A67-17200
- Fluidic system design.
XVI. 06 p0950 A67-18063
- Fluidic system design.
XVII. 07 p1186 A67-19634
- Fluidic system design.
XVIII. 08 p1286 A67-21053
- LETOKHOV, V. S.**
Laser with nonresonance feedback
/Opticheskii kvantovyi generator s
nerezonansnoi obratnoi
svyaz'yu/. 01 p0090 A67-10740
- Giant superluminescence
pulses. 01 p0091 A67-10837
- Generation dynamics of a giant coherent
light pulse. 03 p0433 A67-12941
- Short-pulse Q-switched laser with variable
pulse length. 05 p0817 A67-16641
- A laser with a nonresonant
feedback. 05 p0818 A67-16642
- Dynamics of radiation spectrum narrowing
in a laser with nonresonance feedback
/Dinamika suzheniya spektra izlucheniya
kvantovogo generatora s nerezonansnoi
obratnoi svyaz'yu/. 06 p1012 A67-18797
- Giant pulse structure in a laser with
instantaneous
Q-switching. 10 p1666 A67-23584
- Effects of nonuniform excitation of
semiconductor lasers pumped by an electron
/Effekty neodnorodnosti vzbuzhdeniya
poluprovodnikovyykh lazerov s nakachkoi
elektronnykh puchkom/. 10 p1666 A67-23648
- A laser with nonresonant
feedback. 13 p2126 A67-26769
- Generation of ultrashort coherent-light
pulses /Generatsiya ultrakortkikh impul'sov
kogerentnogo sveta/. 16 p2702 A67-31042
- Effects of excitation inhomogeneity in
semiconductor lasers pumped by an electron
beam. 17 p2870 A67-33329
- Dynamics of emission line narrowing for a
laser with nonresonant
feedback. 18 p3061 A67-34416
- Emission statistics of a laser with
nonresonant feedback. 18 p3062 A67-34621
- Dynamics of generation of giant coherent
light pulses. II. 21 p3640 A67-38373
- LETOV, A. M.**
Synthesis of a system for the optimum
stabilization of a space
station. 24 p4240 A67-42088
- LETOVA, T. A.**
On a particular case of damping of a
gyrostat rotation. 06 p1002 A67-18043
- Problem of synthesizing autonomous
controls. I. /Zadacha sinteza avtonomnykh
upravlenii. I/. 23 p3985 A67-41671
- LETTAU, H. H.**
Dust on the moon's
surface/ques/. 03 p0512 A67-13934
- LETTINGTON, A. H.**
Optical absorption of aluminum and some
aluminum-magnesium
alloys. 10 p1696 A67-23773
- LEV, A. I.**
Optimum representation of signals with a
limited spectrum by a truncated Kotelnikov
series /Ob optimal'nom predstavlenii signala
s ogranichenym spektrom ushechnym
riadom Kotelnikova/. 11 p1769 A67-23906
- The optimal representation of a signal
with bounded spectrum by a truncated
Kotelnikov series. 21 p3604 A67-38934
- LEV, E. I.**
Mechanism of carrier scattering in

- germanium telluride. 01 p0129 A67-10097
Hall effect in semiconductors containing two species of current carriers /Effekt Kholla v poluprovodnikakh s dvumia sortami nositelei toka/. 03 p0489 A67-13148
Hall effect in semiconductors with two types of carrier. 10 p1689 A67-23097
- LEVADI, V. S.
Automated learning applied to fault diagnosis. 03 p0400 A67-14217
- LEVANIUK, A. P.
Certain properties of superconducting compounds of the V sub 3 Si type /O nekotorykh svoystvakh sverkhprovodnykh soedinenii tipa V sub 3 Si/. 08 p1369 A67-20990
- LEVCHENKO, A. D.
The spectrum of the earth's heat radiation according to the observation from the Cosmos 45, Cosmos 65 and Cosmos 92 satellites. 10 p1637 A67-23194
- LEVCHENKO, A. I.
Use of the method of increments in calculating plastic disks undergoing cyclic loading /Primenenie metoda prirashchenii k raschetu plasticheskikh diskov pri tsiklicheskom nagruzenii/. 05 p0810 A67-16178
- LEVCHENKO, L. S.
Certain problems in the dual control of a plant with random gain. 06 p0976 A67-18408
- LEVCHENKO, V. IA.
Turbulent thermal boundary layer on a flat plate with a thermally insulated section. 16 p2594 A67-31201
- LEVCHUK, E. F.
Determination of kinetic-stress functions in elasto-dynamic problems /K opredeleniiu funktsii kineticheskikh napriazhenii v zadachakh elastodinamiki/. 22 p3909 A67-39399
- LEVE, H. L.
Effects of reliability variations on system cost. 01 p0170 A67-11350
- LEVEILLE, A. R.
Prediction of ball-spin and interfacial slip friction from room to 2500 deg F. [ASLE PAPER 66AM 5D4] 08 p1335 A67-21037
- LEVENSTEINS, Z. J.
Aerodynamic characteristics of hypersonic wakes. [AIAA PAPER 66-53] 19 p3171 A67-35741
- LEVINTHAL, E. L.
SNAPOODLE isotope thruster/electric power unit. 05 p0753 A67-18552
Design and test of a SNAPOODLE thermoelectric generator. 24 p4184 A67-42507
- LEVEQUE, R.
Study of the sulfides in steels - Influence of various additive elements on their composition /Etude des sulfures dans les aciers - Influence de divers elements d'addition sur leur composition/. 21 p3646 A67-39077
- LEVERANT, G. R.
Boron aluminum composite fabricated by plasma spraying. 03 p0444 A67-13431
The high-temperature steady-state creep of pure silver and internally oxidized silver-magnesium alloys. 06 p1014 A67-17805
- LEVERETT, S. D., JR.
Retinal circulation in man during plus G sub 3 acceleration. 23 p3957 A67-41638
Retinal fluorescence angiography during blackout on the human centrifuge. 23 p3957 A67-41639
- LEVERTON, J. W.
Helicopter blade slap. 06 p0946 A67-17910
- LEVEY, L.
On transition functions occurring in the theory of diffraction in inhomogeneous media. 14 p2349 A67-29063
- LEVI SETTI, R.
Multiple meson production by heavy primary nuclei of cosmic origin and their fragmentation products at energies above 10 super 12 ev. 20 p3518 A67-37092
- LEVI, E.
Singularities of the two-fluid plasma equations and their relation to boundary conditions. 21 p3661 A67-37744
- LEVI, I. I.
An approximate method for calculating the flow at sudden expansions in the presence of a magnetic field. 16 p2722 A67-31573
- LEVICH, V. G.
Motion of particles suspended in a turbulent flow /Dvizhenie chastits, vzveshennykh v turbulentnom potoke/. 18 p3025 A67-33626
Energy dissipation in a turbulent gas containing suspended particles /Dissipatsia energii v turbulentnom gaze, soderzhashchem vzveshennye chastitsy/. 18 p3028 A67-34385
Transverse diffusion and heat conductivity in a granular layer /Poperechnaia diffuziia i teploprovodnost' v zernistom sloe/. 20 p3554 A67-37054
- LEVIKOV, S. I.
Quasi-continuous CaF sub 2 - Dy super 2 super plus laser with pyrotechnic excitation /Kvazinepreryvnyi opticheskii kvantovyi generator na osnove CaF sub 2 -Dy super 2 super plus s piratekhnicheskimi vzbuzhdeniem/. 16 p2686 A67-31484
- LEVIN, A. A.
Semiempirical description of the valence band of group IV elements in the method of equivalent orbits /Poluempiricheskoe opisaniie valentnoi zony elementov IV gruppy v metode ekvivalentnykh orbit/. 15 p2541 A67-30237
- LEVIN, A. M.
Effect of the components of a tantalum alloy with 33 percent niobium on its mechanical properties /Vliianie legirulushchikh elementov na mekhanicheskie svoystva i temperaturu rekristallizatsii splava tantala s 33 percent niobila/. 18 p3065 A67-34293
- LEVIN, B. IU.
The structure of the moon. 04 p0702 A67-15560
Disintegration of meteoroids in the earth's atmosphere. 12 p2002 A67-25552
Effect of thermal conditions on the figure of the moon /Vliianie termicheskikh effektiv na figuru luny/. 17 p2949 A67-33122
- LEVIN, B. J.
Thermal effects on the figure of the moon. 08 p1389 A67-21012
- LEVIN, B. R.
Limiting form of the Bayes estimate of regression coefficients in the presence of nonstationary noise /Predel'naiia forma Balesovskoi otsenki koeffitsientov regressii v prisutstvii nestatsionarnogo shuma/. 10 p1619 A67-22952
Application of the time discretization method to the determination of the peak duration distribution of the normal noise envelope /Primenenie metoda vremennoi diskretizatsii dlia nakhozhdeniia raspredeleeniia dlitel'nosti vybrosov ogibalushchel normal'nogo shuma/. 11 p1754 A67-24987
Certain asymptotic properties of a Bayes estimate of regression coefficients in the presence of unsteady noise /Nekotorye asimptoticheskie svoystva balesovskoi otsenki koeffitsientov regressii v prisutstvii nestatsionarnogo shuma/. 24 p4134 A67-41796
Approximate determination of the distribution of the lengths of the phase overshoots of a normal steady random process /Priblizhennoe opredeleniie raspredeleeniia dlitel'nosti vybrosov fazy normal'nogo statsionarnogo sluchainogo protsessa/. 24 p4136 A67-42194
- LEVIN, E. E.
Modern materials for gas turbine blades and discs. 06 p1018 A67-18232
- LEVIN, G.
Elementary calculations of shells and solid-wall systems. II /Elementare Berechnung von Schalen und Vollwandsystemen. II/. 21 p3722 A67-38524
Elementary calculation of shells and solid-wall systems. III, IV /Elementare Berechnung von Schalen und Vollwandsystemen. III, IV/. 21 p3722 A67-38525
- LEVIN, G. V.
Extraterrestrial life detection with isotopes and some aerospace applications. 05 p0806 A67-16548
Rapid detection of microorganisms in aerospace water systems. 23 p3968 A67-41627
- LEVIN, H.
A thermophototropic model for spacecraft thermal control. 21 p3730 A67-37792
- LEVIN, IA. A.
Heat conduction during external cooling of the working blades of gas turbines /Teploprovodnost' pri vneshnem okhlazhdenii rabochikh lopatok gazovykh turbin/. 24 p4254 A67-42255
- LEVIN, J. M.
Waves in collisionless plasmas. I, II. 18 p3093 A67-34750
- LEVIN, L. M.
Kinetic equation for describing microphysical processes in clouds /Kineticheskoe uravneniie dlia opisaniia mikrofizicheskikh protsessov v oblakakh/. 01 p0109 A67-10684
- LEVIN, M. F.
Phase characteristics of some I.F. amplifier circuits with a logarithmic amplitude characteristic /Fazovye kharakteristiki nekotorykh skhem UPCh s logarifmicheskoi amplitudnoi kharakteristikoi/. 06 p0972 A67-18899
- LEVIN, S. M.
Exploring the lunar surface. 15 p2553 A67-29301
The SST - How good/ques/. 22 p3746 A67-39882
- LEVIN, V. A.
Unsteady motion of a charged gas with particle production. 04 p0606 A67-15185
Approximate solution of the problem of a strong localized explosion in a combustible mixture /Priblizhennoe resheniie zadachi o sil'nom tochechnom vzryve v goruchei smesi/. 10 p1733 A67-23040
Non-steady flow of rarefied gas. 11 p1782 A67-24688
Motion of a charged gas contained in a cylindrical cavity of arbitrary elliptical cross section /Dvizhenie zavrazhennogo gaza, zapolniaushchego tsilindricheskuiu polost' s secheniem v vide proizvol'nogo ellipsa/. 16 p2656 A67-30456
- LEVIN, V. B.
Experimental study of turbulent flow of an electrically conducting fluid in a pipe in a longitudinal magnetic field /Eksperimental'noe issledovanie turbulentnogo techeniia elektroprovodnoi zhidkosti v trube v prodol'nom magnitnom pole/. 06 p1044 A67-18689
On the stabilizing effect of a longitudinal magnetic field upon the nonhomogeneous turbulent motion of a conducting fluid. 12 p1976 A67-26069
- LEVIN, V. I.
One method of analyzing the reliability of finite automata. 05 p0782 A67-16261
- LEVINE, A. L.
The creations of N.A.C.A. and N.A.S.A. [AIAA PAPER 67-836] 24 p4259 A67-42977
- LEVINE, A. M.
Excitation of electrostatic ion cyclotron oscillations. 05 p0859 A67-17435
Excitation of electrostatic oscillations near the ion cyclotron frequency. 11 p1837 A67-24397
Electron cyclotron resonance heating of alkali plasmas. 11 p1838 A67-24407
- LEVINE, B.
Using maintenance float to measure the value of maintainability and reliability. [AIAA PAPER 65-734] 03 p0426 A67-12917
- LEVINE, D.
Progress report on Titan III. [AIAA PAPER 66-836] 03 p0519 A67-14125
- LEVINE, E. D.
Deformation mechanisms in titanium at low temperatures. 05 p0828 A67-18467
- LEVINE, G. M.
A method of orbital navigation using optical sightings to unknown landmarks. 01 p0110 A67-11157
- LEVINE, H.
Some aspects of the cardiovascular and renal circadian systems. 11 p1747 A67-24785
- LEVINE, H. B.
Classical theory of collision-induced absorption in rare-gas mixtures. 09 p1535 A67-22382
- LEVINE, H. S.
Transversally isotropic cylinders under band loads. 15 p2578 A67-30271
- LEVINE, J.
Gravitational radiation /Sur la radiation gravitationnelle/. 17 p2884 A67-32703
- LEVINE, J. D.
Oxygen as a beneficial additive in cesium thermionic energy converters. 11 p1748 A67-24923
- LEVINE, J. H.
Finding failure-prone components. 23 p4009 A67-40912
- LEVINE, J. M.
The effects of values and costs on the detection and identification of signals in auditory vigilance. 14 p2258 A67-28664
- LEVINE, L. P.
Particle emission in laser-surface

- interactions. 02 p0252 A67-12180
Ion emission from laser irradiated tungsten. 05 p0819 A67-18651
Gas desorption produced by a giant pulse laser. 08 p1338 A67-21310
- LEVINE, M. A.
Plasmas in space. 02 p0326 A67-12246
[AFCLR-66-867]
Electrolytic tank analog for magnetic field design. 02 p0279 A67-12693
Improved driver chamber for arc driven shock tube. 14 p2293 A67-28749
Ionization processes in exploding wires as determined by X-ray studies. 19 p3261 A67-35161
- LEVINE, R. C.
Computer designed transversal filters using thin film RC distributed networks. 18 p3015 A67-34560
- LEVINE, R. D.
On a theory of absolute reaction rates. 22 p3757 A67-39635
- LEVINSKAYA, M. KH.
Structural diagram of the molybdenum-boron system /Diagramma sostoiannya sistemy molibden-bor/. 20 p3468 A67-37177
- LEVINSKII, I. V.
Structural diagram of the molybdenum-boron system /Diagramma sostoiannya sistemy molibden-bor/. 20 p3468 A67-37177
- LEVINSKY, E. S.
Plasma thermal conductivity with collective effects. 03 p0484 A67-14039
Unified performance theory for V/STOL aircraft in equilibrium flight. 09 p1441 A67-22487
I. Unified performance theory for V/STOL aircraft in equilibrium flight. 13 p2054 A67-27586
II.
- LEVINSON, E.
Navigation and guidance. 22 p3834 A67-40335
- LEVINSON, I. B.
Slot couplings of rectangular one-mode waveguides - Equivalent circuits and lumped parameters. 03 p0385 A67-13952
Slot couplers of rectangular one-mode waveguides - Numerical results. 05 p0775 A67-16957
Optical phonon production and galvanomagnetic effects for a large-anisotropy electron distribution. 06 p1010 A67-17884
- LEVINSON, S.
An optical range-gated filtering technique for MTI radar. 08 p1293 A67-20687
- LEVINSTEIN, H.
Oscillatory photoconductivity in InSb. 02 p0280 A67-11487
Measurement of lifetimes in photoconductors by means of optical beating. 06 p1005 A67-18715
- LEVINSTEIN, H. J.
Superconducting energy gap of bulk lanthanum by point contact tunneling. 11 p1846 A67-24585
A new and stable nonlinear optical material. 22 p3863 A67-40236
Reduction of the susceptibility to optically induced index inhomogeneities in LiTaO₃ sub 3 and LiNbO₃ sub 3. 23 p4012 A67-40876
- LEVINTHAL, E.
The role of the scientist in automated laboratory systems. [AIAA PAPER 67-632] 20 p3375 A67-37615
- LEVINTHAL, E. C.
The Pasteur probe - An assay for molecular asymmetry. 15 p2433 A67-29116
Relationship of planetary quarantine to biological search strategy. 19 p3180 A67-35233
- LEVIT, V. I.
Orientation, purity, and perfection of molybdenum single crystals grown by the zonal electron-beam melting process /Orientatsiya, chistota i sovershenstvo monokristallov molibdena, vyrashchennykh elektronno-luchevoy zonnol plavkoi/. 02 p0255 A67-11867
- LEVITAS, I. S.
Effect of a strong magnetic field on the electrical conductivity of an intrinsic anisotropic semiconductor /Vliyanie sil'nogo elektricheskogo polya na elektroprovodnost' sobstvennogo anizotropnogo poluprovodnika/. 13 p2173 A67-26362
Influence of a strong electric field on the electrical conductivity of an intrinsic anisotropic semiconductor. 21 p3680 A67-38319
- LEVITCH, R. N.
Nonequilibrium turbulent boundary layer. 19 p3212 A67-35776
- LEVITIN, A. E.
Negative excess of electrons in electromagnetic cascade showers /Ob otritsatel'nom izbytko elektronov v elektronnagritnykh kaskadnykh livnakh/. 24 p4221 A67-42871
- LEVITIN, E. S.
Minimization method in the presence of limitations /Metody minimizatsii pri nalichii ogranichenii/. 03 p0456 A67-12859
- LEVITSKAYA, T. E.
Study of the effect of the rib elasticity on the stressed state of a circular cylindrical shell with a rectangular cut in torsion /Issledovanie vliyaniya uprugosti shpangoutov na napriazhennoe sostoyanie krugovoy tsilindricheskoj obolochki s priamougol'nyy vyrezom pri kruchenii/. 06 p1107 A67-18632
- LEVITSKII, S. M.
Perturbation of a beam-generated plasma by self-generated waves. 09 p1545 A67-21997
Interaction of a bounded electron beam with plasma in the presence of a magnetic field. 09 p1545 A67-22003
Redistribution of the density of plasma electrons and ions caused by a strong microwave field /Pereraspredelenie plotnosti elektronov i ionov plazmy, vyzvannoe sil'nyy polem SVCh/. 18 p3087 A67-34040
Spatial development of plasma-beam instability. 23 p4032 A67-40904
- LEVITT, A. P.
Whisker-strengthened metals. 06 p1015 A67-17835
- LEVITT, I. M.
Lunar astronomical observatory. 04 p0597 A67-15067
- LEVITT, L. C.
Linearized superposition theory of a classical one-component plasma. 11 p1826 A67-23871
- LEVKINA, A. P.
Peculiarities of polarization of barium titanate single crystals with a double hysteresis loop. 03 p0497 A67-13700
- LEVKOVSKII, I. U. L.
Study of the collapse of a cavitation pocket near a solid wall /Issledovanie zamykaniya kavitatsionnoi kaverny vblizi tverdogo stenki/. 12 p1927 A67-25320
- LEVY, A.
Vibration-rotation spectrum of carbon monoxide - Study of the nu sub 0 goes to 3 band /Spectre de vibration-rotation de l'oxyde de carbone CO - Etude de la bande nu sub 0 goes to 3/. 13 p2180 A67-26600
- LEVY, A. J.
The annular lithium-drifted germanium detector as a standard-geometry gamma spectrometer. 12 p1945 A67-25861
Linearity of a Ge/Li detector in the range 0.5 to 10 Mev. 23 p3998 A67-40819
- LEVY, C.
Concepts for a stored program data acquisition system. 14 p2275 A67-28690
- LEVY, E. K.
Liquid metal magnetohydrodynamic power generation with condensing ejector cycles. 16 p2606 A67-30589
- LEVY, G. S.
A radio occultation experiment to probe the atmosphere of Venus. [AIAA PAPER 67-118] 06 p1085 A67-18310
Lunar range radiation patterns of a 210-foot antenna at S-band. [JPL-TR-32-1079] 11 p1763 A67-24298
Radio occultation measurement of the Martian atmosphere over two regions by the Mariner IV space probe. 18 p3123 A67-34151
Ground instrumentation for Mariner IV occultation experiment. 18 p3049 A67-34498
A radio occultation experiment to probe the atmosphere of Venus. [AIAA PAPER 67-118] 22 p3886 A67-40094
- LEVY, I. S.
The influence of thermomechanical treatments on the microstructure and tensile properties of Hastelloy X-280. 10 p1668 A67-23174
- LEVY, J.
Maintainability and operational flexibility in manned orbital space stations. [AIAA PAPER 66-933] 02 p0331 A67-12252
Evolution of the earth-moon system /Evolution du systeme terre-lune/. 08 p1395 A67-21162
- LEVY, J. B.
The deflagration of hydrazine diperchlorate. 14 p2376 A67-28551
- LEVY, J. C.
Strainageing under fatigue conditions. 12 p2013 A67-25284
- LEVY, L. J.
Estimating the transient response of nonlinear systems. 08 p1310 A67-20341
- LEVY, L. L.
A Monte Carlo technique for obtaining system reliability confidence limits from component test data. 20 p3455 A67-37314
- LEVY, P. W.
Proton-induced hydroxyl formation on the lunar surface. [AFCLR-66-795] 02 p0324 A67-11857
- LEVY, R.
Synthesis of distributed elliptic-function filters from lumped-constant prototypes. 04 p0580 A67-14859
Three-wire-line interdigital filters of Chebyshev and elliptic-function characteristic for broad bandwidths. 05 p0775 A67-16946
Luminescence of CuCl at low temperatures excited by very high intensity light /laser/. 06 p1010 A67-17822
Directional couplers. 12 p1915 A67-25977
Theory of direct-coupled-cavity filters. 17 p2828 A67-33084
Intensity dependence of emission lines in CdS upon excitation intensity /laser/ at very low temperature. 20 p3461 A67-37295
- LEVY, R. H.
Equilibrium of electron clouds in toroidal magnetic fields. 08 p1364 A67-21396
- LEVY, S.
Forced convection subcooled boiling - Prediction of vapor volumetric fraction. 18 p3160 A67-34163
- LEVY, S. B.
Flexible membrane hydrostatic air bearing. [ASME PAPER 67-LUB-1] 24 p4162 A67-42668
- LEVY, S. L.
Microelectronics. [AAS PAPER 67-79] 15 p2452 A67-29946
- LEW, H. G.
Nonsimilar mixing of chemically reacting streams. 04 p0609 A67-15816
- LEWAK, J. N.
The application of a fin-flare combination for stabilizing the upper stage of a two-stage vehicle. 08 p1405 A67-20504
- LEWALLEN, J. M.
Analysis and comparison of several numerical optimization methods. [AIAA PAPER 67-58] 06 p1023 A67-18267
A modified quasi-linearization method for solving trajectory optimization problems. 12 p2008 A67-25913
- LEWELLEN, W. S.
Hypersonic viscous interaction theory for wedge wings. 11 p1742 A67-24347
- LEWICKI, A.
Introduction to microelectronics /Einfuehrung in die Mikroelektronik/. 07 p1158 A67-20280
- LEWIN, F.
A determination of the errors in the state vector due to quantization in a hybrid control loop. 24 p4134 A67-42023
- LEWIN, L.
The use of singular integral equations in the solution of waveguide problems. 12 p1906 A67-25978
- LEWIN, W. H. G.
Escape corrections for X-ray spectra of celestial sources. 07 p1251 A67-19944
- LEWINER, J.
Geometric oscillations in gallium /Oscillations geometriques dans le gallium/. 22 p3859 A67-39653
- LEWIS, A.
High-strength, high-modulus glass fibers. 21 p3648 A67-37879
Fuels for supersonic aircraft. 21 p3688 A67-38192
- LEWIS, B. W.
The thermal radiation characteristics of some high-emittance coatings for space applications. [ASM PAPER C6-4.3] 23 p4020 A67-41404
- LEWIS, C. E., JR.
Flight research program. IX. 17 p2805 A67-31956
Aeromedical monitoring of naval aviators during aircraft carrier combat operation. 17 p2805 A67-31957
Aeromedical monitoring of naval aviators during aircraft carrier combat operation - A preliminary report. 23 p3963 A67-41541

- LEWIS, C. F.
The distribution of total carbon content in enstatite chondrites. 05 p0886 A67-18024
Variations in the chemical and mineralogical composition of rim and plains specimens of the Canon Diablo meteorite. 24 p4235 A67-42636
- LEWIS, C. H.
Mass transfer and first-order boundary-layer effects on sharp cone drag. II - At hypersonic conditions. [AIAA PAPER 66-33] 01 p0007 A67-11161
- LEWIS, D.
Strain in metal carbides. 20 p3467 A67-37122
- LEWIS, D. A.
Space Bola - A satellite retrieval system. 20 p3532 A67-36556
- LEWIS, D. G.
Safer pyrotechnics through laser actuation. 17 p2803 A67-32437
- LEWIS, D. H.
Preliminary orbit determination for lunar satellites. 22 p3879 A67-39310
- LEWIS, D. J.
Fourier transform synthesis of sector beam radiation patterns. 04 p0590 A67-15907
- LEWIS, D. W.
Mariner-Mars absorbance experiment. [AIAA PAPER 65-650] 03 p0448 A67-13055
Kinematic synthesis of plane curves. [ASME PAPER 66-MECH-13] 08 p1336 A67-21318
- LEWIS, E. A.
Triggered lightning strokes at very close range. 22 p3793 A67-39979
- LEWIS, G. E.
Application of two-dimensional computations to the study of sub-critical initiation and fadeout in a homogeneous explosive. 18 p3153 A67-33824
- LEWIS, J. A.
Altitude decompression sickness with focal neurological manifestations. 10 p1600 A67-23827
- LEWIS, J. E.
Stanton tube calibration in a laminar boundary layer at Mach 6. 04 p0547 A67-14849
Experimental investigation of supersonic laminar, two-dimensional boundary layer separation in a compression corner with and without cooling. [AIAA PAPER 67-191] 06 p0940 A67-18361
- LEWIS, J. H.
Preliminary measurements of the hypersonic rarefied flow field on a sharp flat plate using an electron beam probe. 14 p2241 A67-28167
- LEWIS, J. S.
A possible origin for sulfates and sulfur in meteorites. 07 p1249 A67-19539
- LEWIS, M. B.
Kinetic equation with electromagnetic interactions. 15 p2519 A67-29209
- LEWIS, M. F.
Numerical solution of the delay of a magnetoelastic wave. 01 p0138 A67-11321
- LEWIS, M. H.
The deformation of MgO single crystals doped with titanium and vanadium. 18 p3097 A67-33492
- LEWIS, O. F.
Electrophysiology of chimpanzees during rapid decompression. 18 p2991 A67-34713
- LEWIS, P.
Lubricant life tests on ball bearings for space applications. [ASLE PAPER 66AM 7A3] 08 p1335 A67-21036
Design criteria for externally pressurized gas bearings for operation at high temperatures and high speeds. [ASLE PAPER 66AM 4B2] 08 p1336 A67-21040
Effect of electrical currents on ball bearing damage in vacuum and in air. [ASLE PREPRINT 67AM 1C-1] 14 p2325 A67-28783
Vibration problems with high-speed turbomachinery. [ASME PAPER 67-DE-8] 14 p2402 A67-28867
- LEWIS, P. H.
A comparison of second, third, and fourth order phase-locked loops. 18 p3001 A67-34116
- LEWIS, R. C.
Simplified magnetoaerodynamic flow relations for axisymmetric blunt bodies. 10 p1591 A67-23114
- LEWIS, R. I.
The mechanism of relative eddy flows in mixed-flow turbo-machines. 12 p1891 A67-25348
- LEWIS, R. M.
Space-time diffraction for dispersive hyperbolic equations. 07 p1218 A67-20270
The progressing wave formalism for electromagnetic waves from moving sources. 19 p3184 A67-35665
- LEWIS, T. B.
Observatory satellite data system. 16 p2633 A67-30670
- LEWIS, T. J.
Variations in the Townsend first ionization coefficient for gases. 03 p0473 A67-13463
The association of phase changes of ionosphere-propagating radio waves and geomagnetic variations. 13 p2068 A67-26992
- LEWIS, T. W.
Methods of measuring slough characteristics of clean packaging materials. 23 p3986 A67-40847
- LEWIS, W. E.
Fixed-direction probes for aerodynamic measurements. 12 p1940 A67-25352
- LEWIS, W. G. E.
Lift characteristics of asymmetric exhaust nozzles at high flight speeds. 04 p0545 A67-14440
The design and development of an air intake for a supersonic transport aircraft. [AIAA PAPER 67-752] 23 p4048 A67-40986
- LEWYN, L. L.
Tunnel diode analog to digital converter. 12 p1909 A67-25856
- LEY, J. M.
Light modulation using natural crystals of zinc sulphide. 01 p0138 A67-11330
- LEYER, J.-C.
Some characteristics of the unstable propagation of flames in a tube / Sur quelques caracteristiques de la propagation instable des flammes en tube/. 20 p3543 A67-36396
Influence of periodic perturbations on the structure and propagation of a combustion front / Influence de perturbations periodiques sur la structure et la propagation d'un front de combustion/. 24 p4252 A67-41798
- LEYPOLD, D.
Short-wave radio links / Kurzwellenverbindungen/. 07 p1150 A67-19343
- LEZGINTSEVA, T. N.
Investigation of the dielectric and optic properties of BaTiO₃ sub 3 single crystals in the infralow frequency range. 03 p0497 A67-13697
Dielectric constant of barium titanate single crystals with laminar domain structure. 03 p0497 A67-13699
- LEZHEN, A. S.
Fluctuations in the intensity of light propagated through a medium with varying turbulence. 18 p3080 A67-34437
- LEZHNEVA, A. V.
Investigation of stratification in E sub s and M and N reflections in the ionosphere / Issledovanie rassloeniya v E sub s i M, N otrazhenii v ionosfere/. 05 p0799 A67-17029
- LEZIN, I. U. S.
Calculation of the amplitude spectra of complex signals with known autocorrelation functions. 10 p1607 A67-23458
- LHERMITTE, R. M.
Doppler study of the motion of clear air targets. 04 p0569 A67-14684
- LHEUREUX, J.
The primary cosmic-ray electron spectrum near solar minimum. 14 p2381 A67-28831
Diurnal intensity variation of low-energy electrons observed near the polar cap. 22 p3872 A67-39802
- LHOMMEDIEU, F.
Recycling metallic bladders for cryogenic fluid storage and expulsion systems. [AIAA PAPER 67-444] 18 p3054 A67-33921
- LHOTE, F.
Self-excited oscillations of certain nonlinear servosystems / Sur les auto-oscillations de certains systemes asservis non lineaires/. 10 p1618 A67-22851
- LI FANG, T.
Vented profile in a free surface flow of finite depth / Profil ventile dans un ecoulement a surface libre de profondeur finie/. 03 p0402 A67-13449
- LI, C. H.
Single-pass zone melting with variable segregation coefficients. 22 p3856 A67-39368
- LI, C.-Y.
Fatigue-crack propagation in some ultrahigh-strength steels. 24 p4171 A67-41953
- LI, J.-X.
The ability of drift theory in the interpretation of the anomalies of F sub 2 layer. 05 p0796 A67-16063
- LI, P. C.
Continuous filament refractory fibers. 08 p1345 A67-20427
- LI, S. C.
Noise in metal bolometers. 22 p3797 A67-39343
- LI, S. S.
Effect of dimensions on the efficiency of radiant energy cells. 11 p1745 A67-24437
- LI, S.-S.
Effect of dimensions on the efficiency of radiant energy cells. 20 p3362 A67-36239
- LI, T.
Effect of gain saturation on the oscillating modes of optical masers. 08 p1339 A67-21377
Thermodynamic considerations of droplets and bubbles. 17 p2971 A67-33043
Modes of a Fabry-Perot laser resonator with output-coupling apertures. 20 p3460 A67-37024
- LI, T. Y.
Three-dimensional boundary-layer flow over a flat delta wing at a moderate angle of attack. [AIAA PAPER 66-492] 06 p0943 A67-18848
Gas kinetic equations and their applications to nonequilibrium flows with diffusion and chemical reaction. 11 p1780 A67-24536
Asymptotic method of solution of the frozen dissociated laminar boundary-layer flow over a flat-plate surface with arbitrarily distributed catalytic. 11 p1781 A67-24573
- LI, Y. T.
Adaptive functions of man in vehicle control systems. 07 p1221 A67-19194
Systems design - A team effort. 16 p2781 A67-30784
- LIAGUSHCHENKO, R. I.
Investigation of a hollow-cathode discharge. II. 08 p1358 A67-20851
The mechanism of the contracted discharge column. 19 p3272 A67-35092
- LIAKHOV, B. M.
New residual magnetic field of the earth / Novoe ostatochnoe magnitnoe pole zemli/. 05 p0802 A67-17149
Current function of the main geomagnetic field represented by three eccentric dipoles / Tokovaia funktsiya glavnogo geomagnitnogo polya, predstavlennoya tremia ekstsentricheskimmi dipolami/. 16 p2670 A67-31911
New residual geomagnetic field. 21 p3619 A67-38491
- LIAKHOVA, L. N.
Principles of predicting ionospheric magnetic disturbances and the short-term radio forecasting service / Osnovy prognozirovaniya ionosfernomagnitnykh vozmushchenii i sluzhba kratkosrochnykh radioprognozov/. 21 p3616 A67-37933
- LIAKHOVITSKAIA, V. A.
Phase boundary in ferroelectric SbSi as the analog of an electric domain in a semiconductor. 06 p1047 A67-17758
- LIAMOV, V. E.
Trapping of particles by waves. 23 p4017 A67-41681
- LIAMSHEV, L. M.
Sound diffraction by a semiminfinite elastic plate in a moving medium. 06 p1032 A67-18398
Scattering of sound by a semi-infinite elastic pipe in a moving medium / Rasselanie zvuka polubeskonechnoi uprugoi truboi v dvizhushcheisya srede/. 10 p1680 A67-23644
Scattering of sound by a semiminfinite elastic tube in a moving medium. 18 p3080 A67-34413
- LIANG, C.
On the coupling of modal waves in a plasma-filled parallel-plate waveguide. 12 p1915 A67-25943
- LIANG, C.-K.
Superlattice formation and lattice spacing changes in copper-gold alloys. 05 p0862 A67-16506
- LIAPICHEVA, N. F.
Variation of stress relaxation of titanium alloys as a function of the conditions of deformation at high temperatures. 12 p1955 A67-25368
- LIAPKALO, I. U. M.
Spectroscopic study of the interaction of charged-particle beams with plasma. 06 p1040 A67-18088

- LIARI, A.**
Correlation between maximum aerobic work and anthropometric and spirometric parameters /Relazione fra il massimo lavoro aerobico e i parametri antropometrici e spirometrici/. 16 p2614 A67-31472
- LIASHCHENKO, M. IA.**
Numerical solution of the Cauchy problem for a class of nonlinear integrodifferential equations /Pro chisel'ne rozv'iazannia zadachi Koshi dlia odnogo klasu nelinlnikh integro-differentsial'nikh rlvnlan'/. 14 p2344 A67-28896
Numerical solution of nonlinear integral equations with a variable upper limit /Pro chisel'ne rozv'iazannia nelinlnikh integral'nikh rlvnlan' iz zmlnoiu verkhn'oiu mezhehu/. 16 p2696 A67-31142
- LIASHENKO, B. A.**
Device for testing the thermal fatigue of small specimens. 03 p0420 A67-13545
- LIASHENKO, V. F.**
Stability of a gyroscope on a moving base /Ob ustoiichivost' gloskopa na podvzhnomu osnovanii/. 03 p0424 A67-14179
Conditions of sufficient stability for multigyro systems /O dostatochnykh uslovnykh ustoiichivost' monogloskopnykh sistem/. 06 p1004 A67-18619
On the stability of a rigid body with a fixed point. 11 p1818 A67-24163
- LIASHENKO, V. I.**
Conductivity of cleaved /110/ surfaces of GaAs /O provodimosti skotolykh /110/ poverkhnostei GaAs/. 13 p2174 A67-26371
Determination of the surface potential of gallium arsenide /Viznachennia poverkhnovogo potentsialu arsenidu galliu/. 21 p3678 A67-37869
Conductance of cleaved /110/ surfaces of GaAs. 21 p3680 A67-38326
- LIASHKO, A. D.**
Study of difference schemes for nonlinear equations using the variational method /Issledovanie raznostnykh skhem dlia nelinlnykh uravnenii s pomoshch'iu variatsionnogo metoda/. 13 p2145 A67-26445
- LIASOTSKAIA, V. S.**
Isothermal transformations in titanium-molybdenum alloys /Izotermicheskie prevrashcheniia v splavakh titana s molibdenom/. 07 p1199 A67-19243
Isothermal transformations in titanium-chromium alloys /Izotermicheskie prevrashcheniia v splavakh titana s khromom/. 07 p1200 A67-19244
Effect of hydrogen on the processes occurring in the alloy VT3-1 during aging /Vliianie vodoroda na protsessy, proiskhodiaschie v splave VT3-1 pri stareanii/. 07 p1200 A67-19247
Effect of hydrogen on the isothermal transformations in alloy VT15 /Vliianie vodoroda na izotermicheskie prevrashcheniia v splave VT15/. 18 p3065 A67-34291
- LIATKOVSKAIA, N. M.**
Natural neutron background of the atmosphere and the earth's crust /Estestvennyi neitronnyi fon atmosfery i zemnoi kory/. 01 p0143 A67-10042
- LIATSKAIA, A. M.**
Short-period pulsations accompanying polar magnetic disturbances /KPK, soprovozhdaushchie poliarnye magnitnye vozmushcheniia/. 17 p2847 A67-32943
- LIATSKII, V. B.**
Time variation of the vector of preferred PP polarization according to observations at Lovozero. 07 p1174 A67-19711
Relation between PP and variations in auroral brightness /Sviaz' PP s variatsiiami svetlosti poliarnykh silanii/. 10 p1632 A67-22811
Short PP bursts as a specific type of geomagnetic pulsation /Kratkovremennye vspyski PP kak osobyi tip geomagnitnykh pul'satcii/. 13 p2110 A67-26454
Investigation of pearl-type oscillations at Lovozero /Issledovanie kolebanii tipa "zhemchuzhyn" v Lovozere/. 17 p2847 A67-32944
The magnetosphere and geomagnetic pulsations /Magnitosfera i geomagnitnye pul'satcii/. 21 p3621 A67-39023
Relationship between PP and variations of auroral luminescence. 24 p4150 A67-42148
- LIAUGMINAS, R.**
Transverse wave structure in detonations. 18 p3153 A67-33828
- LIAW, B. D.**
Theory of bending multi-layer sandwich plates. 06 p1110 A67-18857
- LIBAI, A.**
Invariant stress and deformation functions for doubly curved shells. 10 p1730 A67-23834
- LIBATSKII, L. L.**
Determination of the length of slip bands in a plate with a circular hole. 19 p3344 A67-35848
- LIBBY, L. M.**
Radio reflection by free radicals in earth's atmosphere. 17 p2817 A67-33233
- LIBBY, P. A.**
The laminar boundary layer with arbitrarily distributed mass transfer. 04 p0603 A67-14643
Heat and mass transfer at a general three-dimensional stagnation point. 08 p1276 A67-20568
Convective laminar heat transfer with combustion for a Lewis number of unity. 09 p1579 A67-21699
Further solutions of the Falkner-Skan equation. 12 p1893 A67-25935
Heat transfer from circular cylinders at low Reynolds numbers. 16 p2779 A67-31217
- LIBBY, R. C.**
Maintaining the cleanliness of clean parts. [SAE PAPER 670825] 24 p4159 A67-41989
- LIBBY, W. F.**
Stimulation of Jupiter's radio emission by Io. 12 p2000 A67-25204
Radio reflection by free radicals in earth's atmosphere. 17 p2817 A67-33233
- LIBCHABER, A.**
Helicon-drift current interaction in a layered semiconductor structure. 07 p1232 A67-19555
- LIBENSON, M. N.**
Device for investigating the stability of a laser operating in the periodic mode /Ustanovka dlia issledovaniia stabil'nosti opticheskogo kvantovogo generatora, rabotaiushchego v periodicheskom rezhime/. 20 p3460 A67-37149
- LIBERMAN, A. L.**
Behavior of benzene and some other organic compounds in a focused laser beam /O povedenii benzola i nekotorykh drugikh organicheskikh soedinenii v sfokusirovannom lazernom puchke/. 05 p0759 A67-17028
- LIBERMAN, I.**
Studies of highly radiative plasmas using the wall-stabilized pulsed arc discharge. [AIAA PAPER 66-184] 01 p0125 A67-11160
- LIBERMAN, L. S.**
Thermal processes in a semiconductor diode /Teplovyie protsessy v poluprovodnikovom diode/. 05 p0772 A67-16448
- LIBERTINY, G. Z.**
Short-life fatigue under combined stresses. 10 p1719 A67-23486
- LIDINSKY, J.**
Lunar transportation - Evolution in the post-Apollo period. [AIAA PAPER 67-873] 24 p4244 A67-42994
- LIDIN, IU. V.**
Density of heat sources and the temperature field in a ruby laser crystal /Plotnost' istochnikov tepla i temperaturnoe pole v kristalle rubinovogo OKG/. 03 p0434 A67-13117
- LIBMAN, P. M.**
Examination of 1Kh12VNMF-steel rotor forgings /Issledovanie stal' 1Kh12VNMF rotornykh pokovok/. 22 p3819 A67-39323
- LIBOFF, R. L.**
Magnetohydrodynamics in a reacting medium. 21 p3660 A67-37743
- LIBOV, L. D.**
Some properties of GaAs lasers with an epitaxial p-n junction at room temperature /Nekotorye svoistva kvantovykh generatorov iz GaAs s epitaksial'nym p-n perekhodom pri komnatnoi temperature/. 01 p0087 A67-10080
Continuous coherent radiation of epitaxial GaAs diodes at a temperature of 77 deg K /Neprieryvnoe kogerentnoe izluchenie epitaksial'nykh diodov iz GaAs pri temperature 77 deg K/. 01 p0090 A67-10548
Continuous coherent radiation of epitaxial diodes of GaAs at 77 deg K. 01 p0091 A67-11056
Some properties of GaAs lasers with epitaxial p-n junctions at room temperature. 08 p1340 A67-21457
- LIBOVE, C.**
Thermal plane stresses in square plates with edge stiffeners. 23 p4073 A67-40611
- LIBRESCU, L.**
On the theory of anisotropic elastic shells and plates. 05 p0921 A67-16883
Aeroelastic stability of orthotropic heterogeneous thin panels in the vicinity of the flutter critical boundary. 16 p2776 A67-31471
- LIBROVICH, V. B.**
The effect of transport processes on the stability of a plane flame front. 11 p1883 A67-24672
- LIBSCH, J. F.**
Induction heating and solid state technology. 01 p0080 A67-10972
- LICARI, J. J.**
Failure analysis of multilayer boards. 08 p1307 A67-21419
Sterilization effects on microelectronics. 21 p3596 A67-38344
- LICEA, I.**
On the variation of the electron temperature in polar semiconductors by an electric field. 09 p1552 A67-21672
Electrical conduction of semiconducting thin films in strong electric fields. 20 p3506 A67-36219
- LICHFIELD, E. W.**
Ghost balloons riding the skies will report the world's weather. 03 p0464 A67-14278
- LICHNEROWICZ, A.**
Radiants in relativistic magnetohydrodynamics /Rayons en magnetohydrodynamique relativiste/. 14 p2359 A67-28511
- LICHT, S.**
Optical signal detection. [SMPTE PAPER 101-91] 12 p1905 A67-25475
- LICHTENBERG, A. J.**
Microwave loss in a reflex plasma discharge. 08 p1363 A67-21311
Electron-cyclotron heating in a mirror machine. 11 p1828 A67-23895
- LICHTENWALTER, G.**
Radar echo reduction using circulators. 03 p0370 A67-13857
- LICK, W.**
Wave propagation in real gases. 19 p3212 A67-35796
- LIDBACK, C. A.**
Clock synchronization via Relay II satellite. 09 p1494 A67-21617
- LIDDELL, A. G.**
The application and control of on-board test and checkout systems. 03 p0400 A67-14215
- LIDE, D. R., JR.**
Measurements on the molecular nitrogen pulsed laser. 05 p0824 A67-16785
Correction of some erroneous calculations of the Einstein A coefficient for the 18 cm transition of OH. 09 p1532 A67-21989
On the explanation of the so-called CN laser. 20 p3458 A67-36391
- LIDKE, M.**
Determination of an interface with one symmetry plane for the variational problem of imparting motion to a linear two-mass system /Wyznaczenie powierzchni granicznej z jedna plaszczyzna symetrii dla wariacyjnego zadania rozruchu liniowego ukladu dwumasowego/. 08 p1354 A67-21047
- LIDMAN, W. G.**
Hot-pressing of electrolytic grade CR beryllium. 01 p0099 A67-10707
- LIDSKII, V. B.**
Stability region of complex self-conjugate systems of differential equations /Oblasti ustoiichivost' kompleksnykh samosopriazhennykh sistem differentsial'nykh uravnenii/. 04 p0647 A67-15980
- LIE, T. N.**
Plasma state in a coaxial accelerator. 21 p3661 A67-37752
Study of current-sheet in coaxial plasma accelerator. [AIAA PAPER 67-658] 21 p3671 A67-38694
- LIEB, D.**
The influence of CsF on the work function of a tungsten surface. 09 p1450 A67-22354
Oxygen as a steady-state electronegative additive in a cesium thermionic converter. 09 p1450 A67-22355
- LIEBELT, P. B.**
The flight path control software system of the Lunar Orbiter. 02 p0265 A67-12382
- LIEBENBERG, D. H.**
The calibration of flowmeters with liquid hydrogen in the region between 1000 and 7000 gpm. 03 p0422 A67-13771

- Racing the moon's shadow. 06 p1004 A67-18383
Research activities of the AEC aircraft. 13 p2090 A67-27257
Cooldown of cryogenic transfer systems. [AIAA PAPER 67-475] 18 p3157 A67-33945
- LIEBER, A. J.
Average charge detector for mass spectrometers. 02 p0247 A67-12692
Directional neutron spectrometer. 12 p1945 A67-25859
Detection efficiency of a continuous channel electron multiplier for positive ions. 23 p4000 A67-41219
- LIEBER, R.
Instrumentation radar. 10 p1605 A67-22994
- LIEBERHERR, J.-F.
Regression rate of the solid propellant in a hybrid rocket /Vitesse de regression du combustible solide dans un moteur-fusee hybride/. 05 p0874 A67-18766
Propulsion by liquid-solid or hybrid rocket engines /La propulsion par moteur-fusee a lithergol ou hybride/. 13 p2188 A67-27292
Propulsion by the solid/liquid or hybrid rocket motor. II /La propulsion par moteur-fusee a lithergol ou hybride. II/. 17 p2929 A67-32727
- LIEBERMAN, E.
Supersonic flow around cones at zero incidence in equilibrium. 22 p3742 A67-40098
- LIEBERMAN, M.
Recent developments in methanol-air fuel cells. 24 p4106 A67-42520
- LIEBERMAN, W.
Application of residual stress measurements in failure analysis and field inspection. [SAE PAPER 670154] 09 p1502 A67-21772
- LIEBERMANN, R. W.
A new determination of the thermal conductivity of nitrogen plasma. 19 p3287 A67-35358
- LIEBERT, C. H.
Spectral emissivity of highly doped silicon. [AIAA PAPER 67-302] 12 p1958 A67-26017
- LIEBHAFSKY, H. A.
Fuel cells and fuel batteries - An engineering view. 04 p0556 A67-15549
- LIEBING, L.
Probe for the measurement of ion velocity distributions in low density plasma beams. [AIAA PAPER 67-706] 21 p3672 A67-38733
- LIEBLEIN, S.
Material and geometry aspects of space radiators. 07 p1223 A67-19461
- LIEBOLD, R.
Calculation of oscillatory systems with the aid of Rayleigh's approach, with allowance for the eigenmass of the spring elements /Die Berechnung von Schwingensystemen mit dem Ansatz von Rayleigh unter Beruecksichtigung der Eigenmasse der Federorgane/. 01 p0159 A67-10282
- LIEBOWITZ, H.
Mechanics and Chemistry of Solid Propellants, Proceedings of the Fourth Symposium on Naval Structural Mechanics, Purdue University, Lafayette, Ind., April 19-21, 1965. 08 p1418 A67-20872
- LIEGEOIS, A.
"MOS" transistor logarithmic amplifiers for space instrumentation /Amplificateurs logarithmiques a transistors M.O.S. pour instrumentation spatiale/. 19 p3194 A67-35463
- LIEGEOIS, A. J.
Solid-state logarithmic amplifiers for spatial electrometry /Amplificateurs logarithmiques "solides" pour electrometrie spatiale/. 21 p3592 A67-38223
- LIELAUSIS, O. A.
Experimental study of an electromagnetic liquid-metal metering device with a constant inlet pressure /Eksperimental'noe issledovanie elektromagnitnogo dozatora zhdikogo metalla s postolannym davleniem na vkhode/. 06 p0951 A67-18684
- LIELPETER, I. A.
Comparison of different expressions of the attenuation factors in plane induction MHD machines /O sravnenii razlicnykh vyrazhenii koefitsientov oslablenia v ploskikh induktsionnykh MGD-mashinakh/. 01 p0012 A67-10191
Theory of the longitudinal edge effect in a linear inductive MHD machine /K teorii prodol'nogo kraevogo efekta v lineinoy induktsionnoy magnitogidrodinamicheskoy mashine/. 04 p0566 A67-15523
Applicability of the electrodynamic approximation in the theory of liquid-metal MHD induction converters /O primenimosti elektrodinamicheskogo priblizhenia v teorii zhdikometallicheskih induktsionnykh MGD preobrazovatelei energii/. 16 p2606 A67-30586
- Experimental study of a mercury flow under the action of a travelling magnetic field /Eksperimental'noe issledovanie techenia rtuti pod deistviem begushchego magnitnogo polia/. 21 p3866 A67-38249
- LIEMOHN, H. B.
Cyclotron-resonance amplification of VLF and ULF whistlers. 07 p1179 A67-19915
Proton densities in the magnetosphere from pearl dispersion measurements. 21 p3617 A67-38127
- LIEN, E. L.
Electrostatically-focused extended-interaction S-band klystron amplifier. 09 p1477 A67-22252
- LIEN, H.
Interferometric analysis of density fluctuations in hypersonic turbulent wakes. [AIAA PAPER 65-809] 01 p0007 A67-11186
Quasi-one-dimensional, nonequilibrium gas dynamics of partially ionized two-temperature argon. 22 p3850 A67-39708
- LIENARD, J. C.
Evaluation of varactor performances for parametric amplifiers used in the receiver system of the DRGS. 01 p0035 A67-10410
Automatic tracking system /Le systeme de poursuite automatique/. 04 p0576 A67-15627
- LIENARD, P. A.
Calibration methods at high levels. 09 p1484 A67-21938
Noise measurements in difficult conditions of vibrations and temperature. 09 p1497 A67-21939
- LIENESCH, J. H.
Infrared limb darkening of the earth from statistical analysis of Tiros data. 21 p3655 A67-38579
- LIESEGANG, J.
Microwave absorption phenomena in rare earth metals. 23 p4038 A67-40710
- LIEU, B. T.
A study of some inequalities for nonlinear stochastic programming. 17 p2819 A67-32428
- LIEURANCE, N. A.
Weather and urban air transportation. [AIAA PAPER 67-795] 24 p4258 A67-42956
- LIFANOV, P. S.
A solid-state maser operating with a microrefrigerator at a temperature of 40 deg K. 11 p1800 A67-24467
- LIFE, J. S.
Response of squirrel monkeys to hyperoxygenation prior to and during high G, long duration acceleration. 23 p3956 A67-41635
Response of the pharmacologically denervated heart to accelerative stress. 23 p3957 A67-41636
- LIFSHITS, E. M.
Field Theory /Teoriya Polia/ /5th Edition/. 20 p3486 A67-37207
- LIFSHITS, E. V.
Spectroscopic study of the interaction of charged-particle beams with plasma. 06 p1040 A67-18088
Measurement of the intensity of HF stochastic electric fields in a plasma with the aid of the Stark effect /Izmerenie napriazhennosti vysokochastotnykh stokhasticheskikh elektricheskikh polei v plazme s pomoshch'yu effekta Shtarka/. 21 p3670 A67-38690
- LIFSHITS, I. U. B.
Transonic flow past ducted bodies of revolution /O transzvukovom obtekanii tel vrashcheniya s protokom/. 14 p2296 A67-27989
- LIFSHITS, N. N.
Combined effects of space-flight factors on certain functions of the body /Kombinirovannye vozdeistviya faktorov kosmicheskogo poleta na nekotorye funktsii organizma/. 01 p0155 A67-10336
- LIFSHITS, T. M.
Photoelectron emission from the aluminum-aluminum oxide-gold film system /Fotoelektronnaya emissiya iz plienochnoi sistemy aluminium - oksis' aluminiuma - zoloto/. 03 p0492 A67-13295
Photoelectronic emission from aluminum-aluminum oxide-gold film system. 04 p0674 A67-14720
- LIGHT, J. O.
A discussion of the planetary quarantine constraints. 15 p2424 A67-29098
- LIGHTFOOT, R. B.
The heavy assault transport helicopter. 01 p0011 A67-11266
- LIGHTFOOT, R. P.
Measured effects of various combinations of nuclear radiation, vacuum, and cryotemperatures on aerospace adhesives. 15 p2508 A67-29560
- LIGHTHILL, M. J.
Dynamics of rotating fluids - A survey. 02 p0232 A67-11566
Predictions on the velocity field coming from acoustic noise and a generalized turbulence in a layer overlying a convectively unstable atmospheric region. 23 p4068 A67-41280
- LIHL, F.
Control of the recovery and recrystallization of rolled aluminum through small additions of beryllium, nickel, titanium, boron, or manganese /Beeinflussung der Erholung und der Rekristallisation von walzverformtem Aluminium durch geringe Zusatze von Beryllium, Nickel, Titan, Bor oder Mangan/. 04 p0637 A67-14910
Magneto-optical ellipsometry. II /Magneto-optische Ellipsometrie. II/. 24 p4152 A67-41901
- LIKHACHEV, V. A.
Destruction of LiF single crystals under the effect of laser radiation /O razrushenii monokristallov LiF pod deistviem lazernogo izlucheniya/. 01 p0086 A67-10071
Formation of paramagnetic centers in polymers exposed to the effect of laser radiation /Vozniknovenie paramagnitnykh tsentrov v polimerakh, podvergnutykh deistviu lazernogo izlucheniya/. 01 p0086 A67-10075
On the anisotropy of thermal expansion and the thermal microstresses. Review. 03 p0446 A67-13564
Breakdown in transparent dielectrics caused by intense laser radiation. 03 p0439 A67-14367
Kinetics of the formation and healing of the damage caused by a laser beam in lithium fluoride single crystals /Kinetika obrazovaniya i zalechivaniya razrusheniya, vyzvannogo lazernym luchom, v monokristallakh fluoristogo litia/. 05 p0867 A67-17057
Damage produced by a laser beam in a transparent dielectric. 08 p1337 A67-20840
Fracture of LiF single crystals under the action of laser radiation. 08 p1339 A67-21454
Kinetics of the formation and healing of damage caused by a laser beam in lithium fluoride single crystals. 15 p2538 A67-29788
Statistical relationships governing the formation of cracks in polymethylmethacrylate under the action of laser radiation. 20 p3473 A67-36161
- LIKHACHEV, V. M.
Feasibility of investigating a pinch discharge by using its intrinsic stimulated emission. 08 p1366 A67-21501
Investigation of the radiation of a direct self-compressed discharge /pinch/ in the visible and ultraviolet regions. I /Issledovanie izlucheniya priamogo samosvzhatogo razrada /pincha/ v vidimoi i ul'trafioletovoi oblastiakh. I/. 17 p2904 A67-32918
Investigation of the radiation of a direct self-compressed discharge /pinch/ in the visible and ultraviolet regions. II /Issledovanie izlucheniya priamogo samosvzhatogo razrada /pincha/ v vidimoi i ul'trafioletovoi oblastiakh. II/. 17 p2904 A67-32919
SHF diagnostics of a plasma jet /Sverkhvysokochastotnaya diagnostika strui plazmy/. 22 p3799 A67-39764
- LIKHAREV, K. K.
Synchronization of a parametric oscillator with respect to a difference frequency /Sinkhronizatsiya parametricheskogo generatora po raznostnoi chastote/. 04 p0583 A67-15171
Synchronization of a parametric oscillator at the difference frequency. 15 p2443 A67-29357
- LIKHAREV, V. A.
Modeling of random numbers on an electronic digital computer /Modelirovanie sluchainykh chisel na elektronnoi tsifrovoy mashine/. 07 p1147 A67-19226
Efficiency of direction finding according to maximum likelihood /Effektivnost'

- pelengovanila po maksimal'nomu pravdopodobilu/. 22 p3762 A67-39874
- LIKHODED, A. I.**
Steady-state vibrations of plates with free edges. 03 p0524 A67-13624
- LIKHODED, V. A.**
Investigation of the energy spectrum of the additional flux of particles that appear during decreases of solar activity. 02 p0311 A67-12597
- LIKHOVID, P. I.**
Oscillations of elastoplastic systems with many degrees of freedom /O kolebanii uprugoplasticheskikh sistem so mnogimi stepeniami svobody/. 23 p4076 A67-40683
- LIKHT, M. K.**
Theory of stresses in solids with moving boundaries /K teorii napriazhenii v tverdykh telakh s podvizhnyimi granitsami/. 05 p0914 A67-16194
Calculation of functionals on the solutions of linear equations of the first kind /O vychislenii funktsionalov na resheniakh lineinykh uravnenii i roda/. 17 p2878 A67-32680
- LIKHTARNIKOV, L. M.**
Application of the Runge-Kutta method to the solution of Fredholm-type integrodifferential equations /Primenenie metoda Runge-Kutta dlia reshenia integrodifferentsial'nykh uravnenii tipa Fredgol'ma/. 21 p3653 A67-38421
- LIKHTER, I. A.**
Cyclic intensity variations of atmospherics. 13 p2111 A67-26571
- LIKHTEROV, I. A. M.**
Probability of interval overlap by a system of random intervals. 20 p3477 A67-37036
- LIKINS, P. W.**
Modal method for analysis of free rotations of spacecraft. 15 p2572 A67-30201
Stability analysis of mechanical systems with constraint damping. 23 p4028 A67-41757
- LILEY, B.**
Secondary-dose equivalent model and comparison of 160-Mev proton-induced neutron and proton dose with a comprehensive experiment. 20 p3482 A67-37551
- LILIENTHAL, P.**
Ion tracer anemometer for the measurement of low density air flow. 10 p1658 A67-23787
- LILIENTHAL, R. H.**
20 deg K cryopump for small space-simulation chambers. 12 p1900 A67-25710
Remote measurements of pressures in vacuum systems. 17 p2859 A67-32593
- LILIENTHAL, R.**
Diffused germanium resistors for thermometry in 20 to 70 deg K range. 05 p0773 A67-16464
- LILL, A.**
Frequency dependence of the conductivity of plasma capacitors in an inhomogeneous plasma /Frequenzabhaengigkeit des Leitwerts von plasmakondensatoren mit inhomogenem Plasma/. 12 p1969 A67-25194
- LILLESTRAND, R. L.**
Autonomous navigation based on ejection of artificial test probe. 02 p0264 A67-12311
- LILLIE, D. W.**
Advances in metals. 03 p0440 A67-13198
- LILLO, J. C.**
Periodic differential difference equations. 01 p0105 A67-10521
- LILLY, D. K.**
Summary of progress in research on atmospheric turbulence and diffusion. 20 p3480 A67-36898
- LILLY, J. C.**
Problems in inter-species communication. [AAS PAPER 66-77] 07 p1135 A67-20000
- LILLYWHITE, M.**
Evaluation of several intense light sources used for actinism studies. 12 p1925 A67-25723
- LILYQUIST, M. R.**
A new high temperature fiber, its properties and performance. 21 p3647 A67-37873
Poly/phenylene/triazoles - New thermally stable fibers. 21 p3648 A67-37876
- LIM, S. T.**
The control of human heart rate under sinusoidal gravitational field stimulation. 23 p3951 A67-41561
- LIM, W. K.**
An application of matched asymptotic expansions to hypervelocity flight mechanics. 19 p3336 A67-35994
- LIMANOV, I. A.**
Inductive sensor with correcting windings /Induktivnyi datchik s korrrektirulushchimi obmotkami/. 06 p1003 A67-18173
- LIMBACHER, D. L.**
An instrumentation and control system for ground test of the Nerva engine. 03 p0395 A67-13384
- LIMBERG, E. A.**
Experimental study of the distribution of pulse values on the walls of cylindrical shells during instantaneous release of energy /Eksperimental'noe issledovanie raspredelenia velichin impuls'ov na stenkakh tsilindricheskikh obolochek pri mgnovennom vydelenii energii/. 21 p3611 A67-38056
Scattering of an isolated exponential acoustic pulse on a hard sphere /Rasselanie odinochnogo eksponentsial'nogo zvukovogo impul'sa na tverdoi sfere/. 21 p3657 A67-38057
- LIMBERT, D. E.**
Optimum nonuniform error quantizers for feedback control systems. 17 p2829 A67-32016
- LIMOGES, R.**
Film processor-dryer for Lunar Orbiter spacecraft photo system. [SMPT PAPER 101-49] 12 p1941 A67-25467
- LIMPERIS, T.**
Electromagnetic field signatures in the optical spectrum. 06 p1006 A67-19010
- LIN, C. C.**
Excitation of the spin multiplets of the ground state of oxygen by slow electrons. 03 p0472 A67-13322
On the mathematical theory of a galaxy of stars. 08 p1379 A67-20353
Stellar dynamics and galactic spirals. 11 p1863 A67-24534
- LIN, C. S.**
Hohmann-type orbital transfer by constant thrust. 16 p2744 A67-30736
- LIN, C.-W.**
Axisymmetric dynamic response of spherical and cylindrical shells. 22 p3914 A67-40190
- LIN, H. C.**
Advances in monolithic integrated circuits. 12 p1916 A67-25995
- LIN, H.-I.**
Electron spin resonance in phosphorus-doped silicon. 05 p0861 A67-18499
- LIN, J.**
Bounded-input bounded-output stability of nonlinear time-varying discrete control systems. 24 p4135 A67-42183
- LIN, J. L.**
Resonances of loops. 16 p2639 A67-31356
- LIN, K.-H.**
Stability of a bar under eccentric follower force. 20 p3538 A67-36674
- LIN, L. H.**
Experimental techniques in making multicolor white light reconstructed holograms. 17 p2862 A67-33299
- LIN, L.-Y.**
Heat treatment of indium antimonide. 05 p0862 A67-16507
- LIN, P. J.**
Ultraviolet optical properties and electronic band structure of magnesium oxide. 13 p2181 A67-27187
- LIN, R. P.**
Observations on the propagation of solar flare electrons in interplanetary space. 13 p2194 A67-27251
Electrons greater than 40 kev and protons greater than 500 kev of solar origin. 17 p2940 A67-33401
- LIN, S. C.**
Measurements of turbulent velocity and temperature fluctuations in the wake of a sphere. [AIAA PAPER 67-20] 06 p0987 A67-18347
- LIN, S. P.**
Instability of a liquid film flowing down an inclined plane. 11 p1774 A67-23860
- LIN, T. H.**
Reciprocal theorem for displacements in inelastic bodies. 14 p2398 A67-28097
- LIN, Y. J.**
On bending of orthotropic sandwich plates. 04 p0709 A67-14844
- LIN, Y. K.**
Probabilistic theory of structural dynamics. 09 p1575 A67-21983
- LINAN, A.**
Some aspects of supersonic combustion /Algunos aspectos de la combustion supersonica/. 06 p1113 A67-18027
- LINARES, C.**
Fluorescence spectrum of the activating Eu super 3 super plus ion in a lutetium oxide matrix - Application to the calculation of the crystalline field /Spectre de fluorescence de l'ion activant Eu super 3 super plus dans une matrice d'oxyde de lutetium - Application au calcul des parametres du champ cristallin/. 19 p3307 A67-35794
- LINCKE, W.**
Development and testing of an altitude control system for low-trajectory missiles /Systementwicklung und Erprobung einer Höhenhaltung fuer tieffliegende Flugkoerper/. 04 p0652 A67-14562
- LINCOLN, J. W.**
Experimental and theoretical determination of frequencies of elastic toroids. 13 p2219 A67-27091
- LIND, D. L.**
Electron measurements near a weak aurora. 18 p3034 A67-33595
- LIND, R. C.**
Solution to the binary diffusion laminar boundary-layer equations with second-order transverse curvature. 19 p3211 A67-35737
- LIND, W. R., JR.**
A TE sub 11 mode-selective coaxial, directional coupler. 02 p0214 A67-11650
- LINDAUR, M.**
Analysis of an electric circuit in the transient state by means of an automatic digital computer /Analiza elektrickeho obvodu v prechodnom stavu pomoci samocinneho cislicoveho poctace/. 09 p1469 A67-22440
- LINDBERG, G. M.**
Profiles and power spectra of some off-runway landing areas. 10 p1622 A67-23388
- LINDBLAD, B. A.**
Solar cycle variations in atmospheric density as deduced from meteor observations. 10 p1638 A67-23204
A long-term variation in mesosphere and lower thermosphere density and its relation to the solar cycle. 19 p3219 A67-35231
- LINDE, D. W.**
250 watt radioisotope thermoelectric power supply system. 24 p4184 A67-42505
- LINDEMANN, R.**
Ejector and hot-water supply for the ramjet power-plant altitude-test stand in Trauen /Ejektor und Heisswasserversorgung fuer den Staustahltriebwerkshoeehenpruefstand in Trauen/. 17 p2834 A67-32817
- LINDEMER, T. B.**
Diffusion calculations in three-component solid solutions. 02 p0256 A67-12707
- LINDENFELD, P.**
Thermoelectric power of gold films. 02 p0293 A67-11749
- LINDER, S. L.**
Optimization of narrow optical spectral filters for nonparallel monochromatic radiation. 17 p2862 A67-33291
- LINDERSTROM-LANG, C. U.**
A model of the gas separation in a Ranque-Hilsch vortex tube. 22 p3917 A67-39512
- LINDGREN, A. G.**
Stability and control of gyroscopic bodies with two degrees of freedom. 15 p2490 A67-30156
- LINDGREN, J. R.**
Effects of additions of non-metallids on the properties of vapor-deposited tungsten. 09 p1519 A67-22348
- LINDGREN, S.**
A study of interplanetary structure as revealed during the cosmic ray storm in February 1962. 17 p2845 A67-32797
Cosmic-ray trajectories in the geomagnetic field. 23 p4050 A67-40693
Increase effects and anomalous daily variation during cosmic-ray storms. 23 p4050 A67-40695
- LINDH, D. V.**
Heat generation and residual stress development in resistance spot welding. 20 p3456 A67-37697
- LINDHOLM, F. A.**
Large-signal and small-signal models for arbitrarily-doped four-terminal field-effect transistors. 09 p1475 A67-22199
- LINDHOLM, U. S.**
An experimental study and inextensional analysis of vibrations of free-free conical shells. 10 p1718 A67-23455
- LINDLEY, B. C.**
The CNEN helium-caesium blow-down

- MPD facility and experiments with a prototype duct. 16 p2653 A67-30549
Further development, operation and experiments with the IRD closed-cycle MPD loop. 16 p2601 A67-30551
Nuclear MPD gas turbine power plant. 16 p2603 A67-30562
- LINDLEY, C. A.
A new concept in artificial gravity systems. 05 p0906 A67-17203
- LINDLEY, J.
The numerical solution of sequential decision problems involving parabolic equations with moving boundaries. 08 p1349 A67-21256
- LINDLEY, R. N.
The Gemini programme from an engineering point of view. 22 p3904 A67-40064
- LINDMAN, E.
Anomalous transport phenomena in a ring discharge. [AROD-6398-2] 11 p1831 A67-24010
- LINDMAN, E. L.
Convective instabilities driven by electromagnetic waves. 11 p1825 A67-23870
- LINDMAYER, J.
The nature of the channel on oxidized silicon. 02 p0293 A67-11753
Current transport through thin buried metal films. 02 p0293 A67-11754
Characteristics of a single-crystal transistor with a metallic base /Karakteristiki monokristallicheskogo tranzistora s metallichesko bazoi/. 02 p0221 A67-12530
Theory of lateral transistors. 09 p1472 A67-21948
Characteristic of a single-crystal metal-base transistor. 14 p2279 A67-28007
- LINDNER, F. W.
Spectral emission behavior of nanosecond-pulsed GaAs-laser diodes /Ueber das spektrale Emissionsverhalten von Nanosekunden-gepulsten GaAs-Laser-Dioden/. 13 p2125 A67-26427
- LINDNER, H.
Investigation of the difference frequencies between two lasers /Untersuchung der Differenzfrequenzen zwischen zwei Lasern/. 09 p1509 A67-21558
Direct observation of combination tones due to third order polarization of an active laser medium. 09 p1511 A67-21747
Measurements of changes in length down to 10 super 11 cm by a tandem-laser device. 16 p2671 A67-30823
Measurements of changes in length of 10 super -11 cm by optical heterodyning. 23 p4014 A67-41031
- LINDNER, J. W.
Magnetic considerations in the design and testing of the OGO and Pioneer spacecraft. 16 p2757 A67-30637
- LINDORFF, D. P.
Control of nonlinear multivariable systems. 16 p2649 A67-31662
- LINDQUIST, C. A.
Tracking by the Smithsonian astrophysical observatory. 18 p3003 A67-34236
- LINDQUIST, C. R.
Rigid open cell polyurethane foam as a cryogenic multi-layer insulation component. 24 p4254 A67-42480
- LINDQUIST, O. H.
Development of the manual thrust vector mode /MTVC/ of the Apollo command and service module stabilization and control system /SCS/. [AIAA PAPER 67-243] 07 p1260 A67-20043
- LINDROOS, V. K.
The structure and formation of dislocation networks in aluminium-magnesium alloys. 23 p4017 A67-40658
- LINDSAY, H. M.
Electron microscope observations on precipitation in beryllium. 13 p2136 A67-27106
Deformation structures in beryllium. 13 p2138 A67-27116
- LINDSAY, I. R.
Hepatic lesions produced by 32 and 55 Mev proton irradiation. 23 p3944 A67-41017
- LINDSAY, J. D. G.
Positive isotope effect on the superconducting transition temperature of alpha-uranium. 23 p4044 A67-41439
- LINDSEY, J. F., JR.
Determination and evaluation of rate measurements in the analysis of space medical data. 15 p2431 A67-29293
- LINDSEY, W. C.
Error probabilities for partially coherent diversity reception. 01 p0026 A67-10863
A model distribution for the phase error in second-order phase-locked loops. [JPL-TR-32-1017] 01 p0026 A67-10865
Design and performance of block-coded communication systems. 14 p2271 A67-28694
Determination of modulation indexes and design of two-channel coherent communication systems. [JPL-TR-32-1118] 14 p2273 A67-28709
Design of block-coded communication systems. 20 p3385 A67-37353
- LINDSEY, Y. H.
Implementation of advanced simulation techniques for predicting the Saturn V launch vehicle system behavior. [AIAA PAPER 67-205] 06 p1096 A67-18344
Implementation of advanced simulation techniques for predicting the Saturn V launch vehicle system behavior. [AIAA PAPER 67-205] 19 p3331 A67-34807
Implementation of advanced simulation techniques for predicting the Saturn V launch vehicle system behavior. 20 p3414 A67-36536
- LINDSJOE, G.
Data reduction using the least square method. 06 p1024 A67-18389
- LINDSTROM, J. I.
Measurements of non-linearities in a travelling-wave tube. 07 p1151 A67-19427
- LINDSTROM, D. L.
Application of Bayesian statistics in reliability. 01 p0085 A67-11381
- LINDZEN, R. S.
Reconsideration of diurnal velocity oscillation in the thermosphere. 11 p1785 A67-23939
On the consistency of thermistor measurements of upper air temperatures. 15 p2474 A67-29202
Lunar diurnal atmospheric tide. 22 p3882 A67-39557
- LINEHAN, D.
Lithospheres. 06 p1091 A67-19001
- LINENKO, V. G.
Qualitative study of the trajectories of nonlinear systems of difference equations /Kachestvennoe issledovanie traektorii nelineynykh sistem raznostnykh uravnenii/. 09 p1524 A67-21926
Periodic limiting regime for sets of difference equations /O periodicheskom predel'nom rezhime dlia sistem raznostnykh uravnenii/. 11 p1813 A67-24517
- LING, C.-B.
Stresses in a semi-infinite strip. 08 p1422 A67-20978
- LING, F. F.
Microslips between contacting paraboloids. [ASME PAPER 67-APM-12] 15 p2505 A67-30149
Microslips between contacting paraboloids. [ASME PAPER 67-APM-12] 17 p2871 A67-32411
- LING, M. T. S.
General electric reactive display system. 01 p0029 A67-10670
- LINGENFELTER, R. E.
Natural tritium. 04 p0613 A67-14855
The influence of the ionized medium on synchrotron emission spectra in the solar corona. 08 p1402 A67-21464
On the origin of solar flare microwave radio bursts. 20 p3519 A67-37101
- LINGLE, J. T.
Design of space satellite power converter-regulators for minimum magnetic disturbance. 05 p0754 A67-17462
Thermionic low voltage converter-regulator systems. 09 p1449 A67-22346
- LINGREL, J. B.
Studies on the rapidly labeled RNA of rabbit bone marrow cells. 23 p3944 A67-40801
- LINGSCHIED, R. J.
Environmental conditions for advanced fastener systems. 24 p4160 A67-42077
- LINHARDT, H. D.
Potassium turbine erosion experiment. 24 p4184 A67-42493
Development progress of organic Rankine cycle power systems. 24 p4103 A67-42494
Analysis of advanced chemical dynamic hydraulic power systems. 24 p4107 A67-42531
- LINIGER, W.
Parallel methods for the numerical integration of ordinary differential equations. 18 p3072 A67-34395
- LIHICHUK, I. A.
Effect of the space-charge layer on the volt-ampere characteristics of multilayer diffusion structures in silicon /Vlianie sloia ob'emnogo zariada na vol'tampernulu kharakteristiku mnogosloinnykh diffuzionnykh struktur v kremnii/. 02 p0281 A67-11504
- LINK, F.
High-absorbing layer in the terrestrial atmosphere. 05 p0802 A67-17330
The relationship between terrestrial and Jovian atmospheric circulations /Sur la parente des circulations atmospheriques terrestre et Jovienne/. 08 p1398 A67-21215
Photometry of eclipses of artificial satellites /Sur la photometrie des eclipses des satellites artificiels/. 10 p1706 A67-23221
Rotation of Echo satellites. 12 p2008 A67-25832
Photometric conditions on the orbits of artificial satellites in the neighborhood of the terrestrial shadow /Conditions photometriques sur les orbites de satellites artificiels au voisinage de l'ombre terrestre/. 16 p2745 A67-30746
Simultaneous balloon and ground measurement of the twilight sky /Mesures simultanees du ciel crepusculaire en ballon et au sol/. 20 p3427 A67-36369
- LINK, F. B.
System displays. 04 p0626 A67-15736
- LINKOVA, S. A.
Influence of crossed electric and magnetic fields on the quasi-liquefaction process of solid particles by a conducting fluid /Vlianie skreshchennykh elektricheskogo i magnitnogo polei na protsess psevdoozhzhenia tverdykh chastits provodiashei zhidkost'/. 01 p0121 A67-10189
- LINKOVSKII, G. B.
The optimum /in the Shannon sense/ truncated probability distribution for a signal with constant power and other conditions. 02 p0194 A67-11908
Probability distributions on a bounded segment ensuring maximum capacity with limited signal power or a limited mean value of the signal /O raspredeleniakh verolnostoi na ogranichennoi otrezke, obespechivalushchikh maksimal'nuiu soderzhatel'nost' pri ogranichennoi moshchnosti ili srednem znachenii signala/. 06 p0976 A67-18219
Probability distributions maximizing the differential entropy for a signal defined over a finite segment and having bounded power or bounded mean value. 16 p2643 A67-30485
- LINNETT, J. W.
Mechanisms of atom recombination on surfaces. 18 p2997 A67-33794
- LINNIK, I. U. V.
Approximated minlmax detection of a vector signal in Gaussian noise /Priblizhenno minlmaxnoe obnaruzhenie vektornogo signala pri Gaussovskoi pomekhe/. 05 p0834 A67-16493
Contribution to the theory of approximate minlmax detection of signals against a Gaussian background /K teorii priblizhenno minlmaxnogo vydelenia signalov na Gaussovskom fone/. 22 p3762 A67-39876
- LINSBAUER, U.
Electronic generation of stochastic step processes defined by stationary Markov chains /Elektronische Erzeugung stochastischer Stufenprozesse, die durch stationaere Markoffsche Ketten bestimmt sind/. 07 p1162 A67-20195
- LINSKY, J. L.
Models of the lunar surface including temperature-dependent thermal properties. 04 p0697 A67-14740
- LINTON, R.
Experimental studies of the Pegasus thermal control louver system. [AIAA PAPER 67-308] 12 p2036 A67-26023
- LINTON, R. C.
Earth albedo studies using Pegasus thermal data. [AIAA PAPER 67-332] 12 p1938 A67-26046
- LINVILL, J. G.
Review of advances in microelectronics. 14 p2285 A67-28458
- LION, P. M.
The primer vector on fixed-time impulsive trajectories. [AIAA PAPER 67-54] 06 p1086 A67-18352
Rapid identification of linear and nonlinear systems. 21 p3604 A67-38867

LIONS, J.-L.

Optimal control of systems described by linear partial differential equations - Elliptic equations /Sur le controle optimal de systemes decrits par des equations aux derivees partielles lineaires - Equations elliptiques/. 04 p0593 A67-15491

LIPELES, J. L.

Vibrations of a rotating beam. 04 p0707 A67-14492

LIPEROVSKII, V. A.

Oscillation spectrum of a weakly turbulent plasma. 02 p0274 A67-12455
Nonlinear generation of plasma waves by a beam of transverse waves. 09 p1545 A67-21995

The role played by the decomposition of Langmuir waves into ion-acoustic waves in the interaction of an electron beam with a nonisothermal plasma /O roli raspadov lengmuirovskikh voln na ionno-zvukovye pri vzaimodelstvi elektronnoho puchka s nelzotermicheskoi plazmoy/. 16 p2705 A67-30448

Interaction of laser radiation with a plasma /O vzaimodelstvi s plazmoy izlucheniya opticheskikh kvantovykh generatorov/. 19 p3291 A67-35385

LIPKIS, R. P.

Thermal control experience at TRW systems. 03 p0517 A67-13073

LIPOVSKII, D. E.

Effect of initial imperfections on free oscillation frequencies of cylindrical shells /Vlianie nachal'nykh nesovershenstv na chastoty svobodnykh kolebaniil tselindricheskikh obolochek/. 12 p2026 A67-25619

Investigation of possible simplifications of the stress and stability equations for cylindrical shells. 13 p2218 A67-26892

LIPOVTSEV, I. U. V.

Stability of three-layer shells subject to creep /Ustoychivost' trekhslonnykh obolochek v usloviakh pozuchestii/. 12 p2024 A67-25598

LIPP, L. C.

Lubrication of supersonic aircraft. [ASLE PREPRINT 67AM 8A-1] 14 p2326 A67-28793

LIPPINCOTT, E. R.

Organic molecules and the coloration of Jupiter. 07 p1246 A67-19057
Venus - Atmospheric evolution. 07 p1256 A67-20022
Thermodynamic equilibrium in planetary atmospheres. 09 p1566 A67-22236

LIPPMAN, E.

Intermolecular double resonance and Overhauser effect in liquids. 01 p0019 A67-10825

LIPSCHUTZ, M. E.

Pressure history of some iron meteorites. 10 p1705 A67-22954
X-ray diffraction analysis of cohenite from iron meteorites. 13 p2200 A67-27235
Implications of shock effects in iron meteorites. 24 p4234 A67-42631

LIPSKII, I. N.

What Luna 9 told us about the moon. 01 p0151 A67-10964

LIPSKII, I. U. N.

Names of formations revealed on the far side of the moon /Naimenovaniia obrazovaniil, vyivlennykh na obratnoi storone lunny/. 02 p0329 A67-12498
Current problems of lunar surface morphology /Tekushchie problemy morfologii poverkhnosti lunny/. 05 p0887 A67-18059
Global system of coordinates and denominations on the moon /Global'naiia sistema koordinat i naimenovaniil na lune/. 08 p1388 A67-21000

Nomenclature for formations identified on the moon's reverse side. 10 p1709 A67-23366
Preparation of a catalog for the interpretation of objects in the eastern sector of the far side of the moon /Sostavlenie kataloga deshifirovannykh ob'ekto vostochnogo sektora obratnoi storony lunny/. 11 p1867 A67-24844

Some results of measurements of the complete Stokes vector for details of the lunar surface /Nekotorye rezul'taty izmereniil polnogo vektora Stoksa dlia detailei poverkhnosti lunny/. 15 p2552 A67-29147

Current problems in the morphology of the lunar surface. 21 p3701 A67-37846

Some results of measurements of the total Stokes vector for details of the lunar surface. 24 p4239 A67-43070

LIPSKY, L.

Multichannel photo-ionization of atomic systems. 07 p1226 A67-19498

LIPSKY, S. R.

Fast scan high resolution mass spectrometry - Operating parameters and its tandem use with gas chromatography. 03 p0367 A67-13336
Utilization of system employing the selective permeation of helium through a unique membrane of teflon as an interface for gas chromatograph and mass spectrometer. 10 p1602 A67-22946
The analysis of complex organic compounds by fast-electrical-scanning high-resolution mass spectrometry and gas chromatography. 14 p2259 A67-28425

LIPTSER, R. SH.

Comparison of nonlinear and linear filtration of certain Markov processes /Svravnenie nelineinoli i lineinol fil'tratsii nekotorykh markovskikh protsessov/. 01 p0106 A67-10923

Simulation of stochastic differential equations connected with the "disorder" problem by means of analog computers. 05 p0768 A67-16263

LIQUORNIK, D. L.

Low energy-density electric shock tube. 14 p2293 A67-28752
Shock-tube molecular beam for O at 3 ev. 17 p2835 A67-33361

LISENKER, B. S.

Electrical properties of epitaxial layers of gallium arsenide /Elektricheskie svoistva epitaksial'nykh sloev arsenida galliia/. 19 p3300 A67-34770

LISENKOV, N. A.

A physical pendulum /Fizicheskii malatnik/. 17 p2883 A67-31929

LISEWSKI, Z.

Model tests of internal-combustion-turbine guide vanes /Badanie modelowe kierownicy turbiny spalnowej/. 16 p2736 A67-31005

LISHINA, A. V.

Investigation of volt-ampere characteristics of diffused p-n junctions in GaAs sub 0.65 P sub 0.35 /Issledovanie vol'tampernykh kharakteristik diffuzionnykh p-n-perekhodov v GaAs sub 0.65 P sub 0.35/. 12 p1984 A67-25519

Investigation of the current-voltage characteristics of diffused p-n junctions in GaAs sub 0.65 P sub 0.35. 18 p3103 A67-34450

LISIN, F. S.

Criterion of the completeness of a system of polynomials in a singly-connected space /Odin kriterii polnoty sistemy polinomov v odnosvaznoi oblasti/. 05 p0836 A67-17118

LISITANO, G.

Production of a high-frequency plasma using a slotted cylinder. 19 p3275 A67-35111

LISITSA, M. P.

A study of the emission characteristics of a ruby laser. 03 p0433 A67-12855
Study of certain laser parameters /Issledovanie nekotorykh parametrov opticheskikh kvantovykh generatorov/. 03 p0435 A67-13129

Determination of volume and surface inhomogeneities of the active media and interferometric mirrors of lasers /Opredelenie ob'emnykh i poverkhnostnykh neodnorodnostei aktivnykh tel i interferometricheskikh zerkal opticheskikh kvantovykh generatorov/. 03 p0436 A67-13143

Effect of the inert-shield temperature on laser performance /Vlianie temperatury passivnogo zatvora na rabotu lazera/. 14 p2332 A67-28857

Influence of passive-shutter temperature on laser operation. 19 p3242 A67-36108

Absorption of infrared radiation by free carriers in n-type GaAs. 23 p4042 A67-41293

LISITSIA, M. P.

New interpretation of the edge absorption of Ge and CdTe /Nova interpretatsiia kralovogo poglinaniia Ge ta CdTe/. 20 p3511 A67-37143

LISITSKAIA, I. N.

Investigation of an electric circuit with a nonlinear negative resistance by piecewise linear approximation /Issledovanie elektricheskoi tsepi s nelineinym otritsatel'nyim soprotivleniem pri kusochno-lineinol approksimatsii/. 02 p0224 A67-11580

LISITSKAIA, L. V.

Consideration of the determination of vertical velocities in the lower atmospheric layer /K voprosu ob opredelenii

vertikal'nykh skorostei v nizhnem sloe atmosfery/. 11 p1816 A67-24523

LISITSKII, V. I.

Ignition of condensed substances by a stream of hot gas. 06 p1112 A67-17956

LISITSYN, B. M.

Method for solving problems in the theory of elasticity /Ob odnom metode resheniia zadach teorii uprugosti/. 14 p2402 A67-28740

LISITSYN, V. N.

The generation of laser action in the 4f-3d transitions of neon by optical pumping of a He-Ne discharge with helium lamp. 01 p0090 A67-10513

Generation from two R-lines of a ruby /Generatsiia rubina na dvukh R-liniakh/. 03 p0433 A67-13095

Interaction between traveling waves in an annular gas laser /O vzaimodelstvi begushchikh voln v gazovom kol'tsevom lazere/. 14 p2332 A67-28856

A Michelson laser interferometer /Lazernyi interferometr Malke'sona/. 15 p2486 A67-29467

On the interaction of traveling waves in an annular gas laser. 19 p3242 A67-36107

Laser Michelson interferometer. 21 p3628 A67-38548

LISKA, M.

Properties of ruby resonators with plane and spherical faces /Vlastnosti rubinovykh rezonatoru s rovinnyimi a kulovymi tseli/. 23 p4016 A67-41322

LISKE, E.

Altitude decompression sickness with focal neurological manifestations. 10 p1600 A67-23827

Fourteen and six per second positive spiking - An EEG finding in some aircrew personnel. 21 p3574 A67-38085

LISKER, I. S.

Determining an efficiency criterion for semiconductor materials. 01 p0129 A67-10103

Investigation of galvano- and thermomagnetic phenomena in semiconductors by a transient method. 11 p1792 A67-24814

Determination of galvanomagnetic and thermomagnetic effects in semiconductors. 14 p2365 A67-28314

LISOVA, L. O.

Certain properties of Ti-Mg and Ti-Be oxide absorbers of the energy of superhigh frequency oscillations and the effect of electron bombardment on their material /Pro deiaki vlastivosti titanomagnitovykh ta titanoberiliovnykh oksidnykh poglinachiv energii nadvysokochastotnykh kol'vav' ta dlia elektronnoho bombarduvanniia na ikh rechovinu/. 24 p4202 A67-42069

LISOVSKII, D. I.

Construction of a mathematical model for the process of titanium slag chlorination in melts /O postroenii matematicheskoi modeli protessa khlorirovaniia titanovykh shlakov v rasplave/. 04 p0637 A67-14945

LISOVSKII, F. V.

Echo pulses in yttrium iron garnet. 08 p1366 A67-20313

LISOVSKII, G. M.

Algal continuous culture as a component of the closed ecological system /Neprieryvnaia kul'tura mikrovdorodsei v kachestve zvena zamknutoi ekologicheskoi sistemy/. 24 p4114 A67-41844

Gas exchange between man and a microalgae culture during a 30-day experiment /Gazoobmen mezhdu chelovekom i kul'turoi mikrovdorodsei v 30-sutochnom eksperimente/. 24 p4114 A67-41845

LISOVSKY, G. M.

Experimental biological life support system. II. 19 p3180 A67-35236

LISSAMAN, P. B. S.

A linear theory for the jet flap in ground effect. 06 p0938 A67-18247

LISSITZYN, O. J.

International aspects of air transport in American law. 12 p2040 A67-25489

LISTOVNICHII, V. E.

Phase diagram of the system Ti-P /Diagrammy sostoiianiia sistemy Ti-P/. 07 p1203 A67-19262

LISTROV, A. T.

A viscous-fluid model with a nonsymmetrical stress tensor /O modeli viazkoi zhdkosti s nesimmetrichnym tenzorom napriazhenii/. 10 p1628 A67-23674

Model of a viscous fluid with an antisymmetric stress

- tensor. 21 p3612 A67-38275
- LITVIN, V. N.**
Investigation of the effect of impurities and magnetic field on the detection properties of n-InSb in the millimeter and submillimeter ranges /Issledovanie villanila primesel i magnitnogo polia na detektiruushchie svoystva n-InSb v millimetrovom i submillimetrovom diapazonakh/. 19 p3300 A67-34762
- LITWAN, W.**
A system for the qualification of welds on the basis of macrostructure defectiveness determined by a radiographic method /System kwalifikacji spoin na podstawie wadliwosci makrostruktury okreslonej metoda radiograficzna/. 18 p3053 A67-33742
- LISZKA, L.**
Latitudinal and diurnal variations of the ionospheric electron content near the auroral zone in winter. [RASSA PAPER 1-10-126] 03 p0416 A67-14237
A study of the occurrence of satellite scintillation observed in the auroral zone. 15 p2483 A67-30294
Large-scale structure of the auroral zone F layer. 15 p2483 A67-30295
The high-latitude trough in ionospheric electron content. 22 p3789 A67-39471
- LITCHFIELD, J. H.**
Engineering requirements for culturing of *Hydrogenomonas bacteria*. [SAE PAPER 670854] 24 p4115 A67-42002
- LITCHFORD, G. B.**
Air-traffic blackouts in the 1970s/ques/. 20 p3482 A67-37441
Helicopter landing systems. 23 p4026 A67-41500
- LITTLE, W. A.**
Effect of boundary conditions on shell buckling. 03 p0524 A67-13786
- LITOMISKY, M.**
Equipment for measuring superconducting properties of superconductors for strong magnetic fields /Zarizeni pro mereni supravodivych vlastnosti supravodivu pro silna magneticka pole/. 06 p1005 A67-18722
- LITOVCHENKO, N. M.**
Photoconductivity of silicon with admixtures of gold and zinc /Fotoprovodnist' kremniia z domishkami Au ta Zn/. 05 p0871 A67-17492
- LITOVCHENKO, P. G.**
Effect of temperature on the kinetics of gamma-conductivity of cadmium sulfide /Vlianie temperatury na kinetiku gamma-provodomosti sernistogo kadmila/. 14 p2367 A67-28526
Influence of temperature on the kinetics of the gamma-conductivity of cadmium sulfide. 23 p4039 A67-40933
- LITOVCHENKO, V. F.**
Magnetic characteristics of yttrium-gallium and yttrium-gallium-gadolinium ferrites /Magnitnye kharakteristiki ittrii-gallievykh i ittrii-gallii-gadoliniel'nykh ferritov/. 01 p0136 A67-11052
- LITOVCHENKO, V. G.**
Effect of an external electric field on the IR photoconductivity of "pure" silicon /Vlianie vneshnego elektricheskogo polia na infrakrasnuu fotoprovodimost' "chistogo" kremniia/. 01 p0128 A67-10076
Photoelectric characteristics of the capacitance of a surface varicap /Fotoelektricheskie kharakteristiki emkosti poverkhnostnogo varikapa/. 07 p1152 A67-19591
Effect of an external electric field on the photoconductivity of "pure" silicon in the infrared region /Vpliv zovnishn'ogo elektrichnogo polia na fotoprovodnist' "chistogo" kremniia v infrachervonoi oblasti/. 13 p2174 A67-26397
Investigation of currents controlled by a surface space charge in field-effect and MOS structures /Dosl'dzhennia strumiv, kerovanikh poverkhnevimi prostorovimi zariadom, v efekti polia i MOS-strukturakh/. 20 p3511 A67-37141
- LITOVCHENKO, W. G.**
The photoelectric characteristics of the capacitance of a surface varicap. 20 p3401 A67-37330
- LITOVSKII, L. V.**
Experimental study of the distribution of pulse values on the walls of cylindrical shells during instantaneous release of energy /Eksperimental'noe issledovanie raspredeleniia velichin impuls'ov na stenkakh tsilindricheskikh obolochek pri
- mgnovennom vydelenii energii. 21 p3611 A67-38056
- LITTLE, D. E.**
Escape system requirements for U.S. Army aircraft in Vietnam. 17 p2794 A67-31998
- LITTLE, A. G.**
A constant phase local oscillator system for a cross type radio telescope. 02 p0212 A67-11608
- LITTLE, C. G.**
Propagation limitations to earth-space radio communications. [AAS PAPER 67-93] 15 p2437 A67-29953
Auroral absorption of radio waves. 18 p3038 A67-33619
- LITTLE, H. R.**
Mass transfer and first-order boundary-layer effects on sharp cone drag. II - At hypersonic conditions. [AIAA PAPER 66-33] 01 p0007 A67-11161
- LITTLE, J. H.**
Comments on the evaluation of automatic checkout equipment for airborne weapon systems. 03 p0399 A67-14206
- LITTLE, L. T.**
Interplanetary scintillation and its relation to the angular structure of radio sources. 05 p0903 A67-17291
- LITTLE, P. F.**
Drift waves in a caesium plasma. 11 p1834 A67-24379
- LITTLE, R.**
The application of computers to planning and operating a simultaneous access European ground station network. 18 p3003 A67-34355
- LITTLE, R. E.**
Multiple specimen fatigue testing. 13 p2221 A67-27738
How to prevent fatigue failure. 15 p2494 A67-30098
How to prevent fatigue failure. 17 p2962 A67-32824
- LITTLE, R. W.**
Theory of bending multi-layer sandwich plates. 06 p1110 A67-18857
- LITTLE, S. T.**
Reliable cabling for space vehicles. 21 p3595 A67-38334
- LITTLE, W. A.**
Decay of persistent currents in small superconductors. 14 p2370 A67-28717
- LITTLE, W. D.**
Hybrid computer solutions of partial differential equations by Monte Carlo methods. 19 p3188 A67-36057
- LITTMANN, W. E.**
The role of lubrication in propagation of contact fatigue cracks. [ASME PAPER 67-LUB-20] 24 p4163 A67-42678
- LITTON, C. W.**
Sharp line emission due to preferential pairing in ZnO crystals. 06 p1060 A67-18914
- LITVAK, A. G.**
Self-focusing of electromagnetic waves in a magnetoactive plasma /O samofokusirovke elektromagnitnykh voln v magnitoaktivnoi plazme/. 02 p0191 A67-11571
Self-focusing of electromagnetic waves in a plasma in an intense magnetic field. 08 p1357 A67-20822
- LITVAK, A. K.**
Calculation of magnetogasdynamic flow /Raschet magnitogazodinamicheskogo techeniia/. 17 p2903 A67-32682
- LITVAK, M. M.**
Electron recombination in laser-produced hydrogen plasma. 04 p0665 A67-15109
Spectroscopic studies of laser-produced hydrogen plasma. 05 p0852 A67-16653
- LITVAK, S.**
Research on polybenzimidazole structural adhesives for bonding stainless steel, beryllium, and titanium alloys. 09 p1523 A67-22517
- LITVAK, V. I.**
Photoelectric sensors in monitoring, control, and regulation systems /Fotoelektricheskie datchiki v sistemakh kontrolla, upravleniia i regulirovaniia/. 18 p3011 A67-33716
- LITVAKOV, B. M.**
An iteration method in the problem of approximating functions from a finite number of observations. 05 p0833 A67-16260
- LITVIN-SEDOI, M. Z.**
Stability of the rotational motion of a certain unsteady mechanical system /Ob ustoiichivosti vrashchatel'nogo dvizheniia odnoi nestatsionarnoi mekhanicheskoi
- sistemy/. 18 p3078 A67-33556
Equilibrium stability of an unsteady system of solid bodies /Ob ustoiichivosti ravnovesiia odnoi nestatsionarnoi sistemy tverdykh tel/. 21 p3626 A67-37991
- LITVINCHUK, G. S.**
Noether's theory for a system of singular integral equations with a Carleman shift and complex conjugate unknowns /Teoriia Netera sistemy singularnykh integral'nykh uravnenii so sdvigom Karlemana i kompleksno sopriazhennymi nelvestnymi/. 21 p3653 A67-38399
- LITVINENKO, L. I.**
Jet flows in equatorial and tropical latitudes /Struinye techeniia v ekvatorial'nykh i tropicheskikh shirotakh/. 04 p0652 A67-15474
- LITVINOV, V. A.**
Transfluxor as the self-repair unit of a redundant automata. 20 p3454 A67-37038
- LITVINOVA, E. G.**
Measurement of tissue doses of cosmic radiation with the aid of nuclear emulsions /Izmerenie tkanevykh doz kosmicheskogo izlucheniia ladernymi emul'siami/. 20 p3368 A67-36260
- LITVINOVA, T. I.**
Change in the phase composition of slag during alloying of stainless steel with titanium /Izmenenie fazovogo sostava shlakov pri legirovani nerrzhavelushchei stali titanom/. 16 p2687 A67-30842
- LITWACK, M. D.**
Interpretation of the statistics of occurrence of Alouette I earth echoes. 17 p2852 A67-33236
- LITWIN, M. S.**
Hazards of laser radiation - Mechanisms, control and management. 10 p1601 A67-23328
- LITZEN, U.**
Vacuum ultraviolet wavelength standards and improved energy levels in the first spectrum of silicon. 11 p1822 A67-24417
- LIU, B.**
Application of stochastic approximation techniques to two signal detection problems. 02 p0204 A67-12169
On sampled data systems with cyclically varying rates. 10 p1618 A67-22731
- LIU, C. H.**
Gradient instabilities as possible causes of irregularities in the ionosphere. 05 p0760 A67-16002
Wave propagation in a random medium with parabolic background. 23 p3974 A67-41199
- LIU, C. N.**
An approach to structure adaptation in pattern recognition. 02 p0208 A67-12141
An approach to structure adaptation in pattern recognition. 04 p0578 A67-14797
- LIU, C. S.**
Mass transfer cooling in laminar boundary layers with hydrogen injected into nitrogen and carbon dioxide streams. 04 p0733 A67-15840
The Eckert reference formulation applied to high-speed laminar boundary layers of nitrogen and carbon dioxide. 11 p1883 A67-24576
Influence of dissociation on mass transfer cooling in a carbon dioxide-nitrogen binary system. [ASME PAPER 67-HT-70] 20 p3550 A67-36750
- LIU, C. Y.**
Kinetic theory description of flow over a cylinder at low speeds. 13 p2102 A67-28969
- LIU, C.-H.**
Wave propagation in a random medium with anisotropic background. 19 p3184 A67-35825
- LIU, C.-K.**
Calculation and experimental study of the cut-off wavelength of the lowest TE mode in a rectangular waveguide having a coaxial inner cylindrical conductor. 05 p0773 A67-16511
- LIU, C.-M.**
Polygonization in a silicon single crystal. 05 p0862 A67-16503
- LIU, D. T.**
Finite-strain elastic-plastic theory with application to plane-wave analysis. 08 p1422 A67-21290
- LIU, H. M.**
Effect of rapid decompression on lymph pressure of the dog. 22 p3751 A67-39600
- LIU, H. W.**
Fracture criteria of cracked metallic plate. 03 p0523 A67-13487

- Yielding initiation process and its effect on fracture of cracked plate and fatigue damage nucleation. 16 p2769 A67-31285
- LIU, H.-D.
Thermal snap-through buckling of a bimetallic shallow spherical shell. 06 p1105 A67-18590
- LIU, H.-S.
The structural and librational dynamics of a satellite deploying flexible booms or antennas. [AIAA PAPER 67-43] 06 p1095 A67-18264
Resonant oscillations of a flexible satellite in an elliptic orbit. 15 p2572 A67-30195
The influence of material elasticity on satellite motions. 16 p2761 A67-30743
Strength of synchronous rotation of the moon. 22 p3885 A67-39978
- LIU, I. D.
A time-resolving spectrograph for free-flight ballistic range application. 17 p2862 A67-33290
- LIU, J. T. C.
Flow induced by an oscillating infinite flat plate in a dusty gas. 02 p0234 A67-12548
The effect of wall temperature on the low Reynolds number hypersonic stagnation region shock layer. 08 p1278 A67-20928
Shock tube side-wall electrostatic probes. 12 p1925 A67-25902
- LIU, M.-K.
Skin-friction drag at supersonic-hypersonic speeds with transition. 13 p2051 A67-27597
- LIU, R.
Bounded-input bounded-output stability of nonlinear time-varying differential systems. 04 p0594 A67-15877
Normal form and stability of a class of coupled nonlinear networks. 10 p1618 A67-22703
- LIU, R. W.
A format method for generating Liapunov functions. 04 p0593 A67-15415
- LIU, R.-W.
Exhaustive equivalence classes of optimal systems with separable controls. 04 p0594 A67-15876
- LIU, S. G.
Gaas avalanche microwave oscillator with 1-watt power output. 15 p2442 A67-29172
- LIU, S. T.
Thermal noise in space-charge-limited solid state diodes. 09 p1472 A67-21951
Noise in double-injection space-charge-limited diodes. 16 p2637 A67-31034
- LIU, S. W.
Interaction of surface chemistry and mass transfer in nonsimilar boundary-layer flows. 08 p1320 A67-20570
- LIU, S.-C.
The effect of hydrostatic pressure on the transport properties of InSb. 07 p1231 A67-19061
- LIU, T.
The lubrication of steel by electroplated gold. 19 p3237 A67-35837
Lubrication of bearing steels with electroplated gold under heavy loads. [ASLE PAPER 67-LC-16] 24 p4165 A67-42750
- LIU, T. C.
Transient heat transfer and thermal stresses for a nuclear rocket due to sudden increase of coolant flow. [ASME PAPER 66-WA/NE-4] 04 p0656 A67-15373
- LIU, T. M.
Further solutions of the Falkner-Skan equation. 12 p1893 A67-25935
- LIU, V. C.
On the electrodynamic wake in a rarefied plasma. 14 p2357 A67-28208
Particles trapped in the potential well behind a mesothermally moving satellite. 18 p3117 A67-33512
- LIU, X.-W.
Thermal snap-through buckling of a bimetallic shallow spherical shell. 06 p1105 A67-18590
- LIU, Y. H.
Defect interaction in the diffusion zone of short gold-silver couples. 18 p3064 A67-34081
- LIU, Y. M.
Interaction of lithium with impurities and defects in silicon. 05 p0870 A67-17273
- LIUBARETS, F. M.
Solution of the plane contact problem of coupled plates /Reshenie ploskoi kontaktnoi zadachi dlia sochenennykh plastin/. 02 p0340 A67-12445
Solution of the plane contact problem for coupled plates - Asymmetrical loading /Reshenie ploskoi kontaktnoi zadachi dlia sochenennykh plastin - Asimmetrichnaya nagruzka/. 21 p3719 A67-38050
- LIUBARSKII, G. IA.
Contribution to the theory of low-intensity shock waves /K teorii udarnykh voln maloi intensivnosti/. 24 p4143 A67-42358
- LIUBASHEVSKAYA, T. L.
Study of high-efficiency GaAs solar cells and the possibilities of improving them /Issledovanie vysokoeffektivnykh solnechnykh elementov iz arsenida galliya i vozmozhnosti ikh uluchsheniya/. 13 p2056 A67-27623
- LIUBCHENKO, A. V.
Two parallel trapping mechanisms at a single recombination center. 01 p0138 A67-11298
- LIUBCHENKO, O. V.
Intrinsic and impurity photoconductivity of In sub 4 S sub 5 single crystals /Domishkova i vlasna fotoprovodnost' monokristaliv In sub 4 S sub 5/. 21 p3676 A67-37859
- LIUBCHENKO, V. E.
On the distribution of impurities in heavily doped germanium p-n junctions. 05 p0865 A67-16959
- LIUBCHENKO, V. V.
Analytical approximation for a cloud-modification-induced rearrangement of a cloud-droplet distribution spectrum /K voprosu ob analiticheskoi approksimatsii perestroiki spektra raspredeleniya kapel' oblakov pri aktivnom vozdelstvi na nikh/. 19 p3251 A67-34862
- LIUBIMOV, B. IA.
Knudsen low-voltage discharge with a hot cathode /Knudsenovskii nizkovoльтный разряд s gorachim katodom/. 11 p1831 A67-24020
- LIUBIMOV, G. A.
The use of the hydraulic approximation for calculating magnetohydrodynamic flows in ducts /O primenenii gidravlicheskogo priblizheniya dlia rascheta magnetogidrodinamicheskikh techenii v kanalakh/. 09 p1541 A67-21804
The magnetohydrodynamic boundary layer. 16 p2722 A67-31569
Experimental investigation of the functioning of an electrode in an air stream containing potassium additions /Eksperimental'noe issledovanie raboty elektroda v potoke vozdukh, soderzhashchego prisadku kalii/. 18 p3088 A67-34054
- LIUBIMOV, G. P.
Measurement of the cosmic-ray intensity during flights of the automatic interplanetary stations Zond 1, Zond 2, Zond 3, Luna 5, and Luna 6 /Izmerenie intensivnosti kosmicheskogo izlucheniya pri poletakh avtomaticheskikh mezhplanetnykh stantsii Zond-1, Zond-2, Zond-3, Luna-5, Luna-6/. 05 p0879 A67-16106
Cosmic ray variations according to the Zond 3 and Venera 2 probes /Variatsii kosmicheskikh luchei po dannym stantsii Zond-3 i Venera-2/. 05 p0884 A67-17025
Measurement of protons of solar origin with energies from 1 to 5 Mev during the flights of the Venera-2, Venera-3, and Zond-3 stations /Izmereniya pri polete stantsii Venera-2, Venera-3 i Zond-3 protonov solnechnogo proiskhozhdeniya s energiei 1-5 Mev/. 06 p1077 A67-17841
Measurement of the intensity of the penetrating radiation at the surface of the moon. 08 p1385 A67-20841
Measurements of the cosmic ray intensity during the flight of the Zond-3 automatic space probe. 10 p1701 A67-23230
Cosmic-ray studies in interplanetary space and on the moon. 12 p1992 A67-25123
Measurements of the penetrating radiation intensity on the moon's surface. 18 p3122 A67-34143
Eleven-year cycle of cosmic-ray intensity beyond the earth's magnetosphere /11-Letnii khod intensivnosti kosmicheskikh luchei vne magnitosfery zemli/. 23 p4055 A67-41101
Cosmic-ray variations in various regions of interplanetary space, according to data from the Zond 3 and Venera 2 stations /Variatsii kosmicheskikh luchei v razlichnykh oblastakh mezhplanetnogo prostranstva, po dannym stantsii Zond-3 i Venera-2/. 23 p4055 A67-41102
Measurement of sun-emitted 1 to 5-Mev protons on Venera 2 and 3 and Zond 3 stations /Izmereniya pri polete stantsii
- Venera-2, Venera-3 i Zond-3 protonov solnechnogo proiskhozhdeniya s energiei 1-5 Mev/. 23 p4056 A67-41112
Measurements of the intensity of cosmic radiation during the flights of the automatic interplanetary stations Zond 1, Zond 2, Zond 3, Luna 5 and Luna 6. 24 p4213 A67-42782
- LIUBIMOV, IU. V.
Modulation of radiant flux with two lattices /Modulatsiya luchstogo potoka s pomoshch'yu reshetok/. 01 p0022 A67-10423
- LIUBIMOV, V. D.
Self-diffusion of niobium in some of its alloys with tungsten /Samodiffuziya niobiya v nekotorykh ego splavakh s volframom/. 13 p2141 A67-27283
- LIUBIMOV, V. V.
Minimizing the divergence of laser beams. 03 p0438 A67-14185
Effect of misadjustment of laser resonator mirrors on the angular distribution of laser radiation. 15 p2500 A67-29759
Study of a compound-cavity laser. 17 p2868 A67-32661
The spectrum of a continuous-action laser with a confocal resonator /K voprosu o spektre OKG nepreryvnogo deistviya s konfokal'nym rezonatorom/. 18 p3060 A67-34039
Two-channel single-pulse neodymium glass laser with a power of 180 joules /Dvukhkanal'nyi monolimpul'snyi opticheskii kvantovyi generator na neodimovom stekle s energiei 180 dzh/. 19 p3239 A67-34986
- LIUBIN, L. IA.
Certain features of the motion of a fluid under weightlessness conditions /Nekotorye osobennosti dvizheniya zhidkosti v rezhime nevesomosti/. 02 p0233 A67-12322
- LIUBIN, V. M.
Some features of the intrinsic photoeffect in layers of the Se-As-Tl system in the visible and X-ray spectral regions /O nekotorykh osobennostyakh vnutrennego fotoeffekta v slolakh sistemy Se-As-Tl v vidimoi i rentgenovskoi oblastakh spektra/. 03 p0498 A67-13838
Certain characteristics of the photoconductive effect in layers of the system Se-As-Tl in the visible and X-ray regions of the spectrum. 13 p2184 A67-27719
- LIUBITOV, IU. N.
Molecular Flow in Vessels /Revised and Enlarged Edition/. 24 p4191 A67-42359
- LIUBOV, B. IA.
Kinetics of the decomposition of dislocation cracks into polygonal walls of edge dislocations. 04 p0711 A67-15282
- LIUMAROV, E. N.
Treatment of steel with laser rays. 06 p1008 A67-18234
- LIUTAIA, M. D.
Lanthanum germanides. 13 p2131 A67-26470
- LIUTOMSKII, V. A.
Determination of the recombination coefficient of xenon in a decaying plasma. 02 p0274 A67-12463
Distribution of the plasma density during ionization of a gas in a waveguide by a beam of fast electrons. 09 p1545 A67-22002
- LIUTOVICH, A. S.
Use of a flame discharge for producing semiconductor and refractory metals /Primenenie faken'ogo razriada dlia polucheniya poluprovodnikovykh i tugoplavkiykh materialov/. 21 p3681 A67-38358
Diffusion of impurities in epitaxial silicon layers /Diffuziya primesel v epitaksial'nykh plenkakh kremniya/. 21 p3681 A67-38361
Evaluation of the properties of epitaxial silicon layers strongly alloyed with phosphorus /Otsenka svoystv epitaksial'nykh sloev kremniya, sil'no legirovannykh fosforom/. 21 p3681 A67-38362
- LIUZE, L. L.
A new form of injected-plasma instability in germanium. 02 p0297 A67-11833
- LIVANOV, V. A.
Isothermal transformations in titanium-molybdenum alloys /Izotermicheskie prevrashcheniya v splavakh titana s molibdenom/. 07 p1199 A67-19243
Distribution of hydrogen between the phases in /alpha plus beta/-titanium alloys /Raspredelenie vodoroda mezhdu fazami v /alpha plus beta/-titanovykh splavakh/. 07 p1200 A67-19246
High-temperature plasticity failure of titanium /O vysokotemperaturnom provale plastichnosti titana/. 07 p1200 A67-19248
Certain general patterns in the occurrence

- of hydrogen brittleness in the alloys VT3-1 and VT15 /O nekotorykh obshchikh zakonomernostiakh proslavlennia vodorodnoi khrupkosti v splavakh VT3-1 i VT15/. 07 p1206 A67-19283
- Effect of heat treatment on the mechanical properties of AT2 type alloys /Vlianie termicheskoi obrabotki na mekhanicheskie svoystva splavov tipa AT2/. 07 p1207 A67-19286
- Mechanical properties and heat resistance of the ST1 titanium alloy in relation to heat treatment /Mekhanicheskie i zharoprotivnye svoystva titanovogo splava ST1 v zavisimosti ot termicheskoi obrabotki/. 07 p1207 A67-19289
- The influence of hydrogen on the character of fracture propagation of BT15 alloy during tension tests /Vlianie vodoroda na kharakter rasprostraneniia treshchin v splave VT15 pri ispytaniakh na rastiazhenie/. 14 p2337 A67-28286
- LIVARTOVSKII, I. V.**
On the stability of discontinuous systems with almost-reducible linear approximations. 21 p3854 A67-38850
- LIVENTSOV, A. V.**
Investigation of the angular distribution of terrestrial thermal radiation to outer space in the August 27, 1958 flight of a geophysical rocket. 14 p2306 A67-27860
- LIVENTZEVA, I. PH.**
Microwave radiation from a beam-plasma system in a magnetic field. 19 p3291 A67-35383
- LIVESAY, B. R.**
Uniaxial anisotropy and rotational hysteresis in thin gadolinium films. 13 p2179 A67-27144
- LIVESEY, J. L.**
"Suitable mean values" in one-dimensional gas dynamics. 04 p0609 A67-15747
- Some preliminary results for conical diffusers with high subsonic entry Mach numbers. 04 p0549 A67-15748
- The decay of turbulent velocity profiles. 12 p1927 A67-25351
- The influence of velocity profile characteristics on the drag of short circular struts spanning two-dimensional channels. 20 p3359 A67-37486
- LIVESEY, R. M.**
Separator deaerates oil, stops shimmy on F-104 noise wheel. 24 p4099 A67-42427
- LIVELY, D. T.**
Beryllium oxide. 09 p1520 A67-22614
- LIVINGSTON, P. M.**
Random phase approximation for a plasma in an external electric field. 02 p0276 A67-12557
- Multiple scattering of light in a turbulent atmosphere. 06 p1033 A67-18536
- LIVINGSTON, R. F.**
Developments associated with advanced commercial aircraft crew requirements. [AIAA PAPER 67-399] 15 p2433 A67-30366
- LIVINGSTON, W. C.**
Magnetic fields on the quiet sun. 02 p0330 A67-12639
- Surveyor 1 observations of the solar corona. 08 p1386 A67-20943
- Temperature of the solar corona from intensity gradients measured during the May 30, 1965 total eclipse. 14 p2387 A67-28564
- The sun's magnetism. 15 p2554 A67-29531
- Temperature of the solar corona from intensity gradients measured during the May 30, 1965 total eclipse. 19 p3318 A67-35017
- Properties and limitations of image intensifiers used in astronomy. 22 p3799 A67-39774
- LIVSHITS, A. I.**
Focusing of a thermal beam of hydrogen atoms in the field of a hexapolar magnet /Fokusirovka teplovogo puchka atomov vodoroda v pole shestipollusnogo magnita/. 15 p2520 A67-29720
- LIVSHITS, B. L.**
Influence of diffusion of excitation on the conditions of multimode generation. 03 p0437 A67-13207
- Investigation of the radiation spectrum of a neodymium glass laser by the moving active body method /Issledovanie spektra izlucheniia lazera na stekle s neodimom metodom dvizhushchegosia aktivnogo tela/. 19 p3238 A67-34895
- LIVSHITS, M. A.**
Radio emission and the structure of the solar atmosphere over sunspots /Radioizluchenie i stroenie atmosfery nad piatnami/. 06 p1083 A67-18153
- Line widths in spicules. 09 p1563 A67-21627
- Radio emission and atmospheric structure above sunspots. 16 p2741 A67-30497
- LIVSHITS, N. N.**
General and cerebral hemodynamics and the functions of the central nervous system during accelerations - Review of the literature /Obshchala i tserebral'naiia gemodinamika i funktsii tsentral'noi nervnoi sistemy v usloviakh deistviia uskoreniil - Obzor literatury/. 23 p3943 A67-40766
- Remote aftereffect of transverse accelerations on conditioned alimentary reflexes of rats /Otdalennoe posledeystvie poperechnykh uskoreniil na plishchevyie uslovnye refleksy krysl/. 23 p3943 A67-40771
- Complex effect of accelerations and ionizing radiations on conditioned reflexes of rats /Kompleksnoe deistvie uskoreniil i ioniziruiushchikh izlucheniil na uslovnye refleksy krysl/. 23 p3943 A67-40772
- LIVSHITS, V. M.**
Optimal reception of binary random signals in the presence of noise /Ob optimal'nom prieme dvoichnykh sluchainykh signalov v prisutstviil shuma/. 18 p3001 A67-34180
- LIVSHITS, V. V.**
Microwave frequency conversion with the aid of semiconductor diodes /Preobrazovanie chastoty na SVCh s pomoshch'iu poluprovodnikovykh diodov/. 05 p0772 A67-16449
- LIWSHITZ, M.**
Comments on "A study of hydrogen diffusion in the earth's upper atmosphere near the critical level." 04 p0612 A67-14654
- The effect of thermal escape on the neutral hydrogen density above 120 kilometers. 07 p1181 A67-19936
- LIZAREV, A. D.**
Stability of an elastically restrained annular plate with a nonuniform stress field. 13 p2218 A67-26889
- Lowest frequencies of the natural axisymmetric oscillations of nonshallow spherical shells /O nizshikh chastotakh sobstvennykh osesimmetrichnykh kolebaniil nepologikh sfericheskikh obolochek/. 21 p3717 A67-37974
- LLEWELLYN, E. J.**
Balloon-borne observations of brightness variations in the /0, 0/ band of the /super 1 delta g super -3 sigma super minus g/ system of oxygen in the day and twilight airglow. 07 p1173 A67-19663
- LLINARES, C.**
Diffusion and solubility in gallium antimonide. 16 p2726 A67-30811
- LLOYD-JONES, D. J.**
Airline equipment planning. [AIAA PAPER 67-392] 15 p2421 A67-30360
- LLOYD, A.**
The generation of shear flow in a wind tunnel. 09 p1483 A67-21566
- LLOYD, A. G.**
Choking up on LC filters. 20 p3399 A67-36882
- LLOYD, D. K.**
Techniques for reliability assessment and growth in large solid rocket motor development. [AIAA PAPER 67-435] 18 p3112 A67-33914
- Reliability demonstration of clustered engines. 18 p3116 A67-34662
- LLOYD, G. T.**
Problems encountered in the integration of a 100 MHz counting circuit. 14 p2280 A67-28012
- LLOYD, J. L.**
HF skywave propagation model for interference prediction. 20 p3387 A67-37646
- LLOYD, J. W. F.**
Rocket optical studies of daylight day-time auroras. 19 p3214 A67-35168
- Optical environment in Gemini space flights. 21 p3713 A67-38568
- LLOYD, O.**
The accumulation of energetic ions in a mirror machine by resonant non-adiabatic trapping. 12 p1969 A67-25248
- LLOYD, P.**
A review of thin film techniques for microelectronics. 15 p2453 A67-30066
- LLOYD, R. E.**
Observations of comets, minor planets, and Jupiter VIII. 01 p0148 A67-10386
- LLOYD, T.**
Recent developments in fluid film lubrication theory. 21 p3632 A67-38135
- LO SURDO, C.**
Analysis of a linear magnetoplasma dynamic generator with plasma heavy component in uniform state. 22 p3747 A67-39277
- LO, C.-T.**
Effect of impurity microsegregation on the thermoelectric properties of Bi sub 2 Te sub 3. 05 p0861 A67-16498
- LO, R. E.**
Technical feasibility of chemical propulsion systems with very high performance. 24 p4206 A67-42403
- LO, Y. T.**
Optimization of directivity and signal-to-noise ratio of an arbitrary antenna array. 01 p0035 A67-10431
- An experiment on antenna arrays with randomly spaced elements. 11 p1761 A67-24282
- Current distribution and input admittance of an infinite cylindrical antenna in anisotropic plasma. 11 p1761 A67-24284
- Reflection and transmission of electromagnetic waves by a moving uniaxially anisotropic medium. 11 p1820 A67-24919
- On the coupling of modal waves in a plasma-filled parallel-plate waveguide. 12 p1915 A67-25943
- LOAN, N. T.**
Some methods of studying nonlinear automatic control systems /O nekotorykh metodakh issledovaniia nelineinykh sistem avtomaticheskogo regulirovaniia/. 16 p2643 A67-30926
- LOATS, H. L., JR.**
A technique of simulation of the operational and human factors design of the Apollo airlock module and the Gemini IX-XII EVA missions. [AIAA PAPER 67-773] 24 p4116 A67-42941
- LOB, W. H.**
Wind measurement by incoherent radar. 04 p0648 A67-14675
- LOBANOV, A. D.**
Determination of the mean value of a current, taking induced fields into account /K opredeleniiu srednei velichiny toka s ucheto m induitsirovannykh polei/. 06 p0952 A67-18687
- Longitudinal stability of a flow in crossed fields /O prodol'noi ustoiichivosti techeniia v skreshchennykh pol'akh/. 11 p1832 A67-24026
- Some two-dimensional flows at finite Reynolds magnetic numbers /Nekotorye dvumernyye techeniia pri konechnykh magnitnykh chislakh Reimol'dsa/. 11 p1842 A67-24952
- LOBANOV, A. I.**
Effect of the interaction between strain fields and temperature on the quasi-static stressed state of a thin plate /Vlianie vzaimodeistviia polei deformatsii i temperatury na kvazistaticheskoe napriazhennoe sostoiianie tonkoi plastyiny/. 05 p0913 A67-16186
- LOBANOV, I. U. N.**
High-frequency discharge in an annular electrode /Vysokochastotnyi razriad vnutri kol'tsevo go elektroda/. 01 p0122 A67-10348
- High-frequency discharge in a ring electrode. 11 p1844 A67-25021
- Forces of an interaction of an electromagnetic wave with a plasmoid /O silakh vzaimodeistviia elektromagnitnoi volny so sgustkom plazmy/. 14 p2361 A67-28806
- LOBANOV, L. M.**
Study of the stresses caused by an unsteady temperature field, using the polarization optical method /Issledovanie polarizatsionno-opticheskimi metodom napriazhenii, vyzvaemykh nestatsionarnym temperaturnym polem/. 05 p0914 A67-16195
- LOBANOV, V. F.**
The optical radar method for measuring the parameters of the moon's figure and orbit. 12 p2002 A67-25647
- Possibility of improving the accuracy of some astronomical parameters of the earth-moon system by the optical location method /O vozmozhnosti utochneniia nekotorykh astronomicheskikh parametrov sistemy zemlia-luna metodom opticheskoi lokatsii/. 13 p2200 A67-27327
- Measurement of the distance to the moon and possibilities of investigation on the astrometric parameters of the earth-moon system by the method of laser location. 23 p4066 A67-41037
- LOBANOVA, G. I.**
Stratospheric balloon measurements of the

- brightness of a cloudless day sky in the region from 1 to 6 mu /Stratostatnye izmereniya larkosti dnevnogo bezoblachnogo neba v oblasti 1-6 mkm/. 14 p2313 A67-28768
- LOBANOVA, L. F.**
Linearized problem of supersonic flow at the entrance to the electrode region of a magnetohydrodynamic channel. 01 p0125 A67-10980
Numerical solution of the problem of the boundary layer on the nonconducting surface of an MHD channel /Chislennoe reshenie zadachi o pogranichnom sloe na neprovodlashchel poverkhnosti magnitogidrodinamicheskogo kanala/. 14 p2356 A67-27978
- LOBANOVA, V. IA.**
Tentative statistical generalization of cloud information from meteorological satellites /Opyt statisticheskogo obobshcheniya informatsii ob oblachnosti s meteorologicheskikh sputnikov/. 04 p0651 A67-15470
- LOBAS, L. G.**
Experimental approaches to the formulation of the equations of motion for nonholonomic systems /O vozmozhnykh podkhodakh k sostavleniyu uravnenii dvizheniya negolonomnykh sistem/. 21 p3657 A67-38303
- LOBASHEVA, N. M.**
Principles of construction of ballistic-telemetry systems /Printsipy postroyeniya sistem ballisticheskoi telemetrii/. 16 p2824 A67-31124
- LOBASTOV, IU. S.**
Thermodynamic and gas dynamic parameters of a low-temperature plasma /Termodinamicheskie i gazodinamicheskie parametry nizkoterperaturnoi plazmy/. 17 p2894 A67-32148
Ionization structure of shock waves in air at M less than or equal to 12. 19 p3293 A67-35401
- LOBIANCO, C. V.**
Experimental techniques in making multicolor white light reconstructed holograms. 17 p2882 A67-33299
- LOBIKOV, N. S.**
Investigation of the effect of nonlinear factors on the oscillations of a rod in a gas stream /Issledovanie vliyaniya nelineynykh faktorov na kolebaniya sterzhnia v gazovom potoke/. 14 p2243 A67-28639
- LOBKOVA, N. A.**
Equations of the theory of thin inhomogeneous plates in cylindrical coordinates /Uraveneniya teorii tonkikh neodnorodnykh platin v tsilindricheskikh koordinatakh/. 20 p3539 A67-36919
- LOBODIUK, V. A.**
Electron microscope investigation of the gamma phase of Cu-Al-Ni alloys /Elektronnomikroskopicheskoe issledovanie gamma-fazy splavy Cu-Al-Ni/. 17 p2874 A67-32896
- LOBURETS, IU. V.**
Bombardment of thin CdTe films with indium ions. 20 p3504 A67-36180
- LOCATI, L.**
Elasto-plastic behavior of riveted joints /Comportamento elasto-plastico delle giunzioni rivettate/. 01 p0163 A67-11151
- LOCHAK, G.**
Method of averages and resonance problems in wave mechanics /Sur la methode des moyennes et les problemes de resonance en mecanique ondulatoire/. 10 p1879 A67-22842
The problem of resonances in wave mechanics and the anomalous dispersion of light /Sur le probleme des resonances en mecanique ondulatoire et la dispersion anormale de la lumiere/. 17 p2884 A67-32704
- LOCHMANN, M.**
Optical self-absorption and dielectric constant of cadmium oxide in the case of high electron degeneration /Optische Eigenabsorption und Dielektrizitaetskonstante von Kadmiumoxyd bei hoher Elektronenentartung/. 04 p0683 A67-15655
Effect of kinematic couplings on the stability of triaxial position stabilization /Ueber den Einfluss der kinematischen Verkopplungen auf die Stabilitaet dreifachsiger Lagestabilisierungen/. 11 p1870 A67-25101
- LOCHNER, J. R.**
A mobile laser transceiver used for detecting long range, slow velocity, and low density targets. 23 p4014 A67-41022
- LOCHTE-HOLTGREVEN, W.**
Pressure broadening of spectral lines. 19 p3272 A67-35085
- LOCK, J. M.**
Eddy current damping in thin metallic ferromagnetic films. 05 p0860 A67-18070
- LOCK, R. C.**
Theory of aerodynamic design for swept-winged aircraft at transonic and supersonic speeds. 10 p1589 A67-22872
- LOCKE, E.**
Shock-tube performance of a Langmuir probe suitable for ballistic-range applications. 15 p2490 A67-30212
Point measurements of the time-averaged turbulent wake density by Rayleigh scattering. 21 p3565 A67-38876
- LOCKE, J. L.**
Observations of quasars using interferometer baselines up to 3,074 km. 17 p2947 A67-32760
Diameters of some quasars at a wavelength of 66.9 cm. 24 p4226 A67-41876
- LOCKE, J. W.**
A time-to-flight velocity analyser using metastable molecules. 14 p2316 A67-28193
- LOCKER, R. J.**
A unique radiation detection concept for a miniature particle spectrometer. 12 p1944 A67-25853
- LOCKERD, R. M.**
Application of microwave building blocks to communications satellites. 17 p2956 A67-32497
- LOCKETT, F. J.**
Experimental characterization of nonlinear viscoelastic materials. 08 p1419 A67-20884
- LOCKETT, J. A.**
Numerical inversion of the Laplace transform. 06 p1023 A67-17942
- LOCKHART, F. J.**
Silicone resins and plastics for microelectronic packaging. 18 p3069 A67-34564
- LOCKHART, H. A.**
RAIC - A space age communication system. 20 p3380 A67-36559
- LOCKINGTON, N. A.**
The kinetics of metallic activation sintering of tungsten. 14 p2338 A67-28614
- LOCKMAN, W. K.**
Free-flight base pressure and heating measurements on sharp and blunt cones in a shock tunnel. 21 p3565 A67-38882
- LOCKS, M. O.**
Testing for the independence of failures in redundant systems. 05 p0813 A67-17256
- LOCKWOOD, G. E. K.**
Early results from the topside sounder in the Alouette II satellite. 10 p1649 A67-23302
- LOCKWOOD, J. A.**
On the long-term and the altitude dependence of the barometric coefficient for neutron monitors. 07 p1188 A67-19954
Differential response and specific yield functions of cosmic-ray neutron monitors. 17 p2936 A67-32533
- LOCKWOOD, L. F.**
Gas-shielded stud welding of magnesium. 12 p1950 A67-25739
- LOCKWOOD, R. O.**
New technique for the determination of the integrity of shielded enclosures by the measurement of the perpendicular magnetic field. 20 p3404 A67-37640
- LOCKYER, G. E.**
Nondestructive determination of mechanical properties of refractory materials. 14 p2340 A67-28258
- LOCURTO, C. A.**
The necessary tests for reliability. 01 p0085 A67-11376
- LODI, E. A.**
An analysis of non-uniform proton irradiation damage in silicon solar cells. 02 p0182 A67-11682
- LOEB, H.**
A mercury ion propulsion system. 02 p0305 A67-12338
Optimization of the Glessen ion engine /Zur Optimierung des Glessener Ionentriebwertes/. 03 p0503 A67-13493
Construction and testing of an ion rocket at Glessen /Bau und Erprobung einer Ionenrakete in Glessen/. 08 p1410 A67-20641
- LOEBEL, G.**
Contribution to the notch-stress theory /Beitrag zur Kerbspannungstheorie/. 22 p3913 A67-40004
- LOEBER, J. F.**
Green's function for cracks in nonhomogeneous materials. 10 p1731 A67-23848
- LOECHTE, W.**
Simple chemical reactions in plasmas /Proste khimicheskie reaktsii v plazme/. 17 p2893 A67-32136
- LOEFFLER, A. L., JR.**
Experimental investigation of MHD flows through circular pipes at high Hartmann and Reynolds numbers. 16 p2712 A67-30576
- LOEFFLER, E.**
Air/oil system tests jet aircraft tires. 16 p2656 A67-31914
- LOESCHER, D. H.**
The application of crystal field theory to the electrical properties of Co impurities in GaP. 06 p1061 A67-18926
- LOESER, H.**
Calculation of the aerodynamic coefficients of simple space-transport configurations for the hypersonic Mach-number range /Berechnung der aerodynamischen Beiwerte einfacher Raumtransporterkonfigurationen fuer den hypersonischen Machzahlbereich/. 23 p3931 A67-41399
- LOEWY, R. G.**
A matrix-Holzer analysis for bending vibrations of clustered launch vehicles. 02 p0337 A67-11931
A theory for predicting the rotational noise of lifting rotors in forward flight, including a comparison with experiment. 06 p0945 A67-17909
- LOFDAHL, E. V.**
Problems and future needs associated with recording data from static firings of solid propellant motors. 01 p0073 A67-11111
- LOFERSKI, J. J.**
The effects of electron and proton irradiation on thin film solar cells. 08 p1285 A67-20735
Concerning the possibility of observing lifetime-gradient and Dember photovoltages in semiconductors. 11 p1850 A67-24917
The effects of sub-threshold electron irradiation on surface recombination in Ge and Si. 17 p2916 A67-32834
Concerning the possibility of observing lifetime-gradient and Dember photovoltages in semiconductors. 23 p4045 A67-41483
- LOFTHOUSE, K. F. R.**
Sloshing stability investigations relating to the ELDO A launch vehicle during first stage flight. 24 p4241 A67-42396
- LOFTIN, L. K., JR.**
Research relating to long-range supersonic cruising aircraft. [AIAA PAPER 67-748] 23 p3987 A67-40982
- LOFTUS, B. T.**
Observations of conjugate ducting by the fixed-frequency topside-sounder satellite. 06 p0997 A67-18699
- LOGACHEV, IU. I.**
Cosmic ray variations according to the Zond 3 and Venera 2 probes /Variatsii kosmicheskikh luchei po dannym stantsii Zond-3 i Venera-2/. 05 p0884 A67-17025
Measurement of protons of solar origin with energies from 1 to 5 Mev during the flights of the Venera-2, Venera-3, and Zond-3 stations /Izmereniya pri polete stantsii Venera-2, Venera-3 i Zond-3 protonov solnechnogo proiskhozhdeniya s energiei 1-5 Mev/. 06 p1077 A67-17841
Behavior of radiation belts and anomalous cosmic radio noise absorption in the auroral zone during the magnetic storms of February 12-14 and 20-21, 1964. 07 p1243 A67-19683
Measurement of the intensity of the penetrating radiation at the surface of the moon. 08 p1385 A67-20841
Measurements of the cosmic ray intensity during the flight of the Zond-3 automatic space probe. 10 p1701 A67-23230
The structure of the earth's proton radiation belts according to the data of the Electron series of satellites. 10 p1702 A67-23300
Time variations of the intensity in the outer belt and near its boundary deduced from Electron 1 and Electron 2 data. 12 p1997 A67-25815
Results of investigations of geometrical position and of composition of the earth's radiation belt particles according to Electron 1 and Electron 2 data. 12 p1998 A67-25816
Investigations of primary cosmic radiation by the Electron 2 and Electron 4

- satellites. 12 p1998 A67-25827
Boundary of the outer radiation belt and the region of unsteady radiation /Granitsa vneshnego radiatsionnogo polasa i zona neustoiichivoi radiatsii/. 16 p2740 A67-31886
Measurements of the penetrating radiation intensity on the moon's surface. 18 p3122 A67-34143
Eleven-year cycle of cosmic-ray intensity beyond the earth's magnetosphere /11-Letnii khod intensivnosti kosmicheskikh luchei vne magnitosfery zemli/. 23 p4055 A67-41101
Measurement of sun-emitted 1 to 5-Mev protons on Venera 2 and 3 and Zond 3 stations /Izmereniia pri poletе stantsii Venera-2, Venera-3 i Zond-3 protonov solnechnogo proiskhozhdeniia s energiei 1-5 Mev/. 23 p4056 A67-41112
- LOGACHEV, K. I.**
Cosmic-ray variations in various regions of interplanetary space, according to data from the Zond 3 and Venera 2 stations /Variatsii kosmicheskikh luchei v razlichnykh oblastakh mezplanetnogo prostranstva, po dannym stantsii Zond-3 i Venera-2/. 23 p4055 A67-41102
- LOGACHEV, V. I.**
Preliminary results of investigation of the nuclear component of cosmic rays by equipment carried by Electron 2. 02 p0310 A67-12583
- LOGAN, H. L.**
Stress-corrosion cracking of cold-reduced austenitic stainless steels. 11 p1807 A67-24586
The Stress Corrosion of Metals. 13 p2141 A67-27174
- LOGAN, R. A.**
Avalanche multiplication in Ge and GaAs p-n junctions. 06 p1065 A67-18954
P-n junctions in compensated solution-grown GaP. 17 p2921 A67-33053
- LOGAN, R. M.**
Simple classical model for the scattering of gas atoms from a solid surface - Additional analyses and comparisons. 13 p2097 A67-26937
- LOGATCHEV, IU. I.**
Cosmic-ray studies in interplanetary space and on the moon. 12 p1992 A67-25123
Radial diffusion of greater than 100 kev electrons in the outer radiation belt. 19 p3313 A67-35257
- LOGEROT, J. M.**
Mechanical properties of beryllium of high purity obtained by double electrolysis /Caracteristiques mecaniques du beryllium de haute purete obtenu par double electrolyse/. 13 p2139 A67-27126
- LOGGINOV, A. S.**
Influence of the surface on the characteristics of injection semiconductor lasers /Vliianie poverkhnosti na kharakteristiki inzhektionsnykh poluprovodnikovyykh kvantovykh generirov/. 01 p0087 A67-10077
Effect of the surface on the characteristics of injection-type semiconductor lasers. 08 p1339 A67-21455
- LOGINOV, A. S.**
Chambers with magnetic "transparency," strengthened by glass-fiber-reinforced plastic /Kamery s magnitnoi "prozrachnost'iu", armirovannye stekloplastikom/. 16 p2676 A67-31397
- LOGINOV, G. A.**
Microstructure of a disturbed diurnal solar variation /Mikrostruktura vozmushchennoi solnechnosutochnoi variatsii/. 14 p2308 A67-27925
- LOGINOV, V. A.**
Effects of noise and signal fluctuations on angle tracking. 07 p1147 A67-20239
- LOGINOVA, R. G.**
Properties of epitaxial silicon films grown by vacuum evaporation. 03 p0498 A67-13869
- LOGSDON, T. S.**
An alternative to Monte Carlo. [AIAA PAPER 67-210] 06 p1024 A67-18326
- LOGUE, S. H.**
A laser interferometer and its application to vibration amplitude measurement. 12 p1943 A67-25696
- LOGUNOV, V. M.**
Investigation of the energy and angular distribution of high-energy muons /Issledovanie energeticheskogo i uglovogo raspredeleniia mluonov bol'shoi energii/. 24 p4222 A67-42877
Investigation of the penetrating component of cosmic rays at a depth of 130 mwe /Issledovanie pronikaushchel
- komponenty kosmicheskikh luchei na glubine 130 m v. e./ 24 p4222 A67-42878
- LOGVINOV, V. V.**
Relaxation in a Coulomb-type quasi-equilibrium plasma /O relaksatsii v kulonovskoi kvaziravovesnoi plazme/. 10 p1685 A67-23410
Stationary solutions of the equations of a quasi-linear approximation for a collision plasma /Statsionarnye resheniia uravnenii kvazilineinogo priblizheniia v plazme so stolkoveniiami/. 16 p2706 A67-30450
- LOH, S. C.**
The radiation characteristics of the backfire helical and zigzag antennae. 14 p2290 A67-29008
Backfire meander-line antenna. 21 p3597 A67-38397
- LOH, W. H. T.**
Extension of the second-order theory of entry mechanics to nearly exact solutions. [AIAA PAPER 66-488] 21 p3706 A67-38865
- LOHMAN, R.**
Observations of Jupiter, Saturn, and Mercury at 1.53 centimeters. [AD-653438] 05 p0892 A67-16409
- LOHMAN, R. D.**
Computer device technology. 09 p1466 A67-21683
- LOHMANN, A. W.**
Binary Fraunhofer holograms, generated by computer. 23 p4002 A67-41267
Holographic production of spatial filters for code translation and image restoration. 24 p4159 A67-43097
- LOHMANN, H. G.**
Vapor-plating aluminum on beryllium for welding. 11 p1798 A67-24264
- LOHR, J. J.**
Accelerated testing of the mechanical and thermal integrity of polymeric materials. 10 p1872 A67-23743
- LOHRMANN, E.**
Nucleons in the atmosphere /Nukleonen in der Atmosphaere/. 14 p2380 A67-27966
- LOIDL, J.**
Artificial strontium and barium clouds in the upper atmosphere. 17 p2851 A67-33194
- LOKAI, V. I.**
Selection of basic parameters and the calculation of specific characteristics for cooled aircraft engines /K vyboru osnovnykh parametrov i raschetu udel'nykh pokazatelei okhlazhdaemykh aviatsionnykh dvigatelei/. 04 p0690 A67-15896
Energy losses in gas turbines due to air bleeding for cooling purposes /Poteri energii v gazoturbinnnykh ustanovkakh, svyazannye s otborom vozdukhа na okhlazhdenie/. 14 p2377 A67-28648
Selection of an optimum u/c sub ad ratio for cooled high-temperature gas-turbine stages /K voprosu o vybore optimal'nogo otosheniia /u/c sub ad/ v okhlazhdaemykh stupenakh vysokotemperaturnykh gazovykh turbin/. 22 p3870 A67-40456
- LOKEY, B.**
Fabrication of filament wound boron reinforced composites for re-entry vehicle applications. 06 p1345 A67-20435
- LOKSHIN, F. L.**
Formation of metastable phases in titanium alloys /K voprosu obrazovanii metastabil'nykh faz v titanovykh splavakh/. 01 p0095 A67-10642
The question of the formation of metastable phases in titanium alloys. 18 p3066 A67-34406
- LOKSHITANOV, E. A.**
Causes of separation in the characteristics axial compressor stages with a large relative hub diameter /O prichinakh razryva kharakteristik stupeni osevoio kompressora s bol'shim otnositel'nyim diametrom vtulki/. 20 p3358 A67-37083
- LOKUTSIEVSKII, O. V.**
Theory of nonlinear oscillations of an electron plasma /K teorii nelineinykh kolebanii elektronnoi plazmy/. 13 p2171 A67-27615
- LOLL, M.**
Heat transfer and pressure distribution in open cavity flow. [ASME PAPER 65-WA/HT-37] 08 p1278 A67-21320
- LOMAKIN, A. N.**
Influence of turbulent troposphere on linear antenna parameters. 10 p1607 A67-23442
- LOMAKIN, V. A.**
Theory of deformation of microinhomogeneous bodies and its relation to the moment theory of elasticity /O teorii deformirovaniia mkroneodnorodnykh tel i ee svyazi s momentnoi teoriie uprugosti/. 02 p0337 A67-11953
Plane problem of the theory of elasticity for bodies with fast-oscillating elastic properties /Ploskala zadacha teorii uprugosti dlia tel s bystro ostsilirulushchimi uprugimi svoistvami/. 06 p1106 A67-18625
Problems of the generalized moment theory of elasticity /Voprosy obobshchennoi momentnoi teorii uprugosti/. 09 p1574 A67-21914
Problems in the theory of elasticity for bodies with rapidly varying elastic properties /O zadachakh teorii uprugosti dlia tel s bystro ostsilirulushchimi uprugimi svoistvami/. 12 p2032 A67-26107
On the theory of deformation of microinhomogeneous bodies and its relation with the couple stress theory of elasticity. 17 p2965 A67-33270
Moment representation of some statistical problems in the theory of elasticity /Postanovka v momentakh nekotorykh statisticheskikh zadach teorii uprugosti/. 22 p3909 A67-39396
- LOMAKINA, G. A.**
Some features of the Hall curves of n-type alpha-SiC. 01 p0129 A67-10102
- LOMAKO, V. M.**
Temperature-induced and optical quenching of emission recombination in gallium arsenide /Temperaturnoe i opticheskoe gashenie izluchatel'noi rekombinatsii v arsenide gallia/. 02 p0254 A67-12741
- LOMAX, J. B.**
Frequency spread in ionospheric radio propagation. 14 p2273 A67-28712
Spread F in the Pacific. [AGARDOGRAPH 95] 15 p2480 A67-30275
- LOMBARD, A. A.**
Aircraft power plants - Past, present and future. 11 p1853 A67-24630
- LOMBARD, C. F.**
Impact protection by isovolumetric containment of the torso. 08 p1289 A67-20612
Pathophysiological responses to -G sub z impact as influenced by energy transfer. 23 p3955 A67-41610
- LOMBARDI, G.**
Numerical study of the stability problem for Couette flow. 03 p0405 A67-14030
- LOMBARDI, L. A.**
Incremental computation. 19 p3187 A67-35680
- LOMBARDINI, P. P.**
Harmonic analysis of a half-wave dipole and director parallel to a reflecting plane. 24 p4132 A67-42715
- LOMBARDO, A.**
Effect of a heated platinum wire on a sealed CO sub 2 laser system. 23 p4011 A67-40784
- LOMBARDO, A. R.**
Minuteman II aerospace ground equipment including self-test features and status display techniques. 20 p3417 A67-36973
- LOMBARDO, S.**
Experimental results of a transpiration-cooled turbine operated in an engine for 150 hours at 2500 F turbine inlet temperature. [ASME PAPER 67-GT-29] 11 p1854 A67-24807
- LOMEN, D. O.**
Fluid behavior in parabolic containers undergoing vertical excitation. 12 p1931 A67-26182
- LOMERSON, R. B.**
Batch packaging speeds system assemblies of IC's. 11 p1760 A67-24260
- LOMINO, N. S.**
Peculiarities of the interaction of an accelerated plasma with a transverse magnetic field /Osobennosti vzaimodeistviia bystroi plazmy s poperechnym magnitnym polem/. 02 p0277 A67-12618
Investigation of plasmoid motion in a nonuniform transverse magnetic field /Issledovanie dvizheniia plazmennogo sgustka v neodnorodnom poperechnom magnitnom pole/. 02 p0278 A67-12623
Interaction of a fast plasma with a transverse magnetic field. 13 p2170 A67-27374
Motion of a plasmoid in a nonuniform transverse magnetic field. 13 p2170 A67-27379
Investigation of the dielectric susceptibility of a plasma moving through a transverse magnetic field. 22 p3845 A67-39424

LOMONACO, T.

Indications and contraindications for the transportation of wounded by helicopter and ambulance /Indicazioni e controindicazioni al trasporto dei feriti a mezzo elicottero e con autoambulanza/. 12 p1902 A67-25174

LOMOV, I. A.

Parallel connection of high-power semiconductor triodes /Parallelnoe soedinenie moshchnykh poluprovodnikovykh triodov/. 16 p2634 A67-30462

LOMOV, I. U. A.

Experimental investigation of convective heat transfer and fluid friction in the motion of a viscous fluid with large Reynolds numbers. 04 p0603 A67-14717

LOMOV, V. S.

Electronic and semiconductor devices of a servosystem /Elektronnye i poluprovodnikovye ustroystva slediashego privoda/. 20 p3406 A67-37700

LOMSADZE, I. U. M.

Possible formulations of the microcausality principle and some of its consequences /O vozmozhnykh formulirovakh printsipa mikropriчинnosti i nekotorykh ikh sledstviakh/. 13 p2155 A67-26385

LONAN, R.

Modifications of ion-densities due to temperature variations. 19 p3224 A67-35491

LONDON, A.

Thermal system design of the Nimbus spacecraft. 02 p0335 A67-12391

Material considerations in the design of the Nimbus solar array drive. 10 p1713 A67-23741

Shutter system design for the Nimbus spacecraft. [AIAA PAPER 67-309] 12 p2012 A67-26024

Thermal considerations for electronics packaging of the Nimbus spacecraft control system. 21 p3594 A67-38328

LONDON, A. G.

A digital radar simulator for air traffic control studies. 09 p1528 A67-22632

LONDON, G.

Microstrain compression of a beryllium - 4.37 percent copper alloy parallel to the C-axis. 13 p2137 A67-27114

LONDON, G. E.

Construction of an equivalent circuit of a piezoelectric quartz pressure transducer and determination of the main parameters of a measuring circuit for solving gas-dynamic problems /Postroenie ekvivalentnoi skhemy p'ezokvartsevo go datchika davleniya i opredelenie osnovnykh parametrov izmeritel'noi skhemy dlia resheniya gazodinamicheskikh zadach/. 05 p0808 A67-17111

LONDON, H. S.

Escape from elliptical parking orbits. [AAS PAPER 66-127] 07 p1255 A67-19986

LONDON, J.

The average distribution and time variation of ozone in the stratosphere and mesosphere. 10 p1645 A67-23263

LONDON, S. A.

Potable water standards for aerospace systems - 1967. 21 p3576 A67-38071

Potable water standards for aerospace systems - 1967. 23 p3968 A67-41620

LONG, D.

Generation-recombination noise limited detectivities of impurity and intrinsic photoconductive 8-14 mu infrared detectors. 24 p4201 A67-41907

On generation-recombination noise in infrared detector materials. 24 p4201 A67-41909

LONG, D. F.

Space and weapon system support facilities acquisition. [SAE PAPER 660692] 01 p0050 A67-10621

LONG, D. M.

Transient response of MOS transistors and integrated circuits to ionizing radiation. 04 p0589 A67-15719

LONG, F.

Thermo-oxidative stability of polyphenylene resins in asbestos reinforced laminates. 03 p0451 A67-13400

LONG, J. D.

Atomic frequency standards for special applications. 15 p2487 A67-29582

LONG, J. R.

Output power characteristics of thermionic converter arrays under partial failure conditions. 24 p4103 A67-42500

LONG, M. J.

Balancing considerations for rocket

vehicles and components. 08 p1408 A67-20535

LONG, R.

Formation of polycyclic aromatic hydrocarbons in pre-mixed acetylene-oxygen flames. 10 p1602 A67-22960

LONG, R. A.

Exothermically brazed hydraulic fittings for aircraft. 07 p1190 A67-19212

LONG, R. K.

Atmospheric absorption and laser radiation. 24 p4168 A67-42412

LONG, R. S.

Orbit determination using linearized differential equations. 05 p0894 A67-16563

LONG, R. T.

Recovery - Sea and air. 08 p1409 A67-20546

LONG, W. H.

A shared memory computer display system. 03 p0375 A67-13633

LONGAIR, M. S.

On the interpretation of radio source counts. 01 p0147 A67-10358

Evidence on the isotropy of faint radio sources. 16 p2752 A67-31623

LONGI, R. L.

Quasi-stellar radio sources. 20 p3528 A67-37250

Red-shift magnitude relation for quasi-stellar objects. 21 p3701 A67-37895

LONGINI, R. L.

Relations between electrical noise and dislocations in silicon. 11 p1849 A67-24906

LONGINOVA, A. V.

Plasma heating by a high-amplitude fast magnetosonic wave /Nagrev plazmy bystrogo magnitovukovoi volnoi bol'shoi amplitudy/. 21 p3669 A67-38678

LONGO, S. E.

The reflection coefficient for electromagnetic waves incident upon a homogeneous moving plasma in a shock tube. 15 p2531 A67-29905

LONGSTAFF, I. D.

Some new studies of angular resolution for linear arrays. 06 p0966 A67-17576

Directional properties of circular arrays. 15 p2454 A67-30138

LONGSWORTH, R. C.

An experimental investigation of pulse tube refrigeration heat pumping rates. 13 p2229 A67-27680

LONGUEVILLE, J.

Phagocytic activity and hepatic function following localized proton radiation to the liver. 10 p1599 A67-23814

LONNGREN, K. E.

An energy relation for acoustic modes in a plasma. 01 p0123 A67-10441

On longitudinal waves in a hot-nonuniform plasma. 02 p0193 A67-11782

Coupling of waves in a hot inhomogeneous anisotropic electron plasma. 07 p1228 A67-19509

LONSKII, E. S.

Forces of an interaction of an electromagnetic wave with a plasmoid /O silakh vzaimodeistviya elektromagnitnoi volny so sgustkom plazmy/. 14 p2361 A67-28806

LOO, H. B.

Maintainability risk analysis using the analytical maintenance model. 18 p3021 A67-34685

LOO, S. G.

Spectral density of random signals corrupted by multiplicative noise. 17 p2812 A67-32303

LOO, T. C.

Influence of imperfections on mechanism of buckling of shallow spherical shells. [AIAA PAPER 67-111] 06 p1104 A67-18453

LOO, T.-T.

Thermal snap-through buckling of a bimetallic shallow spherical shell. 06 p1105 A67-18590

LOOD, D. E.

Precision thin-film cermet resistors for integrated circuits. 03 p0381 A67-13663

LOOMIS, A. A.

A method for obtaining the radius of Mars. [JPL-TR-32-1091] 09 p1569 A67-22682

A lunar and planetary petrography experiment. 19 p3229 A67-35320

LOOMIS, J. P.

Pilot-aircraft compatibility in the landing approach. 07 p1136 A67-19888

LOONEY, C. H., JR.

A dual frequency VLF timing system. 09 p1494 A67-21619

LOONEY, J. C.

Microwave methods for measuring resistivity of gallium

arsenide. 12 p1916 A67-25999

LOPAN, A. F.

Investigation of the viscoelastic properties of capron at infrasonic frequencies /Doslizhdeniya v'lazko-pruzhnikh vlastivostei kapronu na infrazvukovykh chastotakh/. 21 p3647 A67-37866

LOPATSEVA, G. B.

Conductivity of a high-density plasma /K voprosu o provodimosti plazmy vysokoi plotnosti/. 09 p1543 A67-21818

LOPATIN, A. I.

An experiment in the use of high-speed motion-picture photography for studying the process of rapid deformation /Opyt primeneniya skorostnoi kinos'emki dlia issledovaniya protsessov skorostnogo deformirovaniya/. 21 p3631 A67-38055

Specialized amplifier for studying high-speed technological processes /Spetsializirovannyi usilitel' dlia issledovaniya skorostnykh tekhnologicheskikh protsessov/. 21 p3600 A67-38918

LOPATIN, V. I.

Measuring the absolute angular velocity of a flight vehicle with the aid of linear accelerometers /Ob izmerenii absolutnoi uglovoi skorosti letatel'nogo apparata s pomoshch'yu lineinykh akseleretrov/. 06 p1028 A67-18179

Effect of the errors of a real accelerometer and of the instability of its rotation on the accuracy of angular-velocity measurements /Vlianie oshibok real'nogo akselerometra i nestabil'nosti ego vrashcheniya na tochnost' izmereniya uglovoi skorosti/. 16 p2670 A67-30466

LOPATINA, G. B.

Radial diffusion of greater than 100 kev electrons in the outer radiation belt. 19 p3313 A67-35257

LOPATO, T. N.

Effectiveness of "ineffective" magnetic storms in cosmic rays /Ob effektivnosti "neeffektivnykh" v kosmicheskikh luchakh magnitnykh bur'/. 10 p1699 A67-22781

Effectiveness of magnetic storms that are "ineffective" in cosmic rays. 24 p4209 A67-42117

LOPATSKII, G. S.

Experimental study of the characteristics of an arc discharge in a transverse magnetic field /Eksperimental'noe issledovanie kharakteristik dugovogo razriada v opoerechnom magnitnom pole/. 16 p2710 A67-30524

LOPES, W.

Some results obtained with V.L.F. atmospheric measurements at Sao Paulo, Brazil. 07 p1171 A67-19422

Characteristics of VLF radio wave tracking stations for ionospheric investigation /Caracteristicas de estacoes de rastreo de ondas de radio VLF para investigacoes ionosfericas/. 20 p3386 A67-37481

VLF propagation across the geomagnetic anomaly during S.I.D.s. 24 p4149 A67-42067

LOPEZ ARROYO, M.

Observation of the solar eclipse of May 20, 1966 /Observacion del eclipse de sol del 20 de Mayo de 1966/. 22 p3888 A67-40200

LOPEZ-GUTIERREZ, J. J.

Legal status of space vehicles - Nationality /unilateral decisions/ v. Internationality /multinational operation/. 12 p2043 A67-26148

LOPEZ, A. R.

A class of notched omnidirectional antennas. 16 p2638 A67-31335

LOPEZ, E. G. L.

Crystallization of germanium films obtained by evaporation under vacuum on silicon single crystals /Cristallisation des couches de germanium obtenues par evaporation sous vide sur des monocristaux de silicium/. 20 p3509 A67-36473

LOPEZ, H. J.

Selection of nozzle contours for a research scramjet engine. [AIAA PAPER 67-453] 18 p2983 A67-33927

LOPEZ, J.

Progress accomplished in the techniques of measuring aerodynamic derivatives in wind tunnels - Method of forced oscillations /Progres realises dans les techniques de mesure des derivees aerodynamiques en soufflerie - Methode d'oscillations forcees/. 23 p3986 A67-40570

LOPEZ, J. C.

Measurement of the variation in the carriers from a germanium monocrystal in the field close to the limit /Mesure de la

- variance des porteurs d'un monocristal de germanium dans le domaine proche de l'intrinsèque/. 06 p0966 A67-17588
- LOPILATO, S. A.**
Unbond detection using ultrasonic phase analysis. 04 p0622 A67-15265
- LORCH, L.**
Comparison of two formulations of Sonin's theorem and of their respective applications to Bessel functions. 07 p1215 A67-19472
- LORD, A. E., JR.**
High-temperature operation of vacuum-evaporated, thin-film acoustic-wave transducers. 04 p0621 A67-15127
Acoustic-waveform distortion due to nonlinear elastic behavior in cadmium sulfide. 08 p1353 A67-20485
- LORD, E. A.**
Clifford algebras in general relativity. 21 p3856 A67-37923
- LORD, H. W.**
A generalized dynamical theory of thermoelasticity. 24 p4252 A67-41955
- LORD, R. C.**
Hydrogen bonding specificity of nucleic acid purines and pyrimidines in solution. 02 p0190 A67-11585
- LORD, R. G.**
Nearly free molecule flow through a circular orifice at high pressure ratios. 14 p2300 A67-28179
- LORD, R. N.**
An appreciation of the requirements of an area control computer. 09 p1531 A67-22654
- LORELL, J.**
Lunar gravity from orbiter tracking data. 18 p3131 A67-34326
- LORENTS, D. C.**
Differential cross section for excitation of the 2 super 3 S and higher states of He by 600-ev He super plus ions. 01 p0116 A67-10337
Collision spectroscopy. 22 p3839 A67-39205
- LORENZ-MEYER, W.**
The transonic wind tunnel at the aerodynamic research institute at Goettingen /Der Transsonische Windkanal der aerodynamischen Versuchsanstalt Goettingen/. 23 p3987 A67-41312
- LORENZ, A.**
The 2-meter space simulation chamber of the DVL. 09 p1485 A67-22123
The large space simulation chamber of the DVL in Porz-Wahn /Die grosse Weltraum-Simulationskammer der DVL in Porz-Wahn/. 15 p2466 A67-29571
- LORENZ, D.**
Temperature measurements of ground and water surfaces by aircraft /Temperaturmessungen von Boden- und Wasseroberflaechen von Luftfahrzeugen aus/. 24 p4181 A67-41789
- LORENZ, E. N.**
Large-scale motions of the atmosphere - Circulation. 07 p1170 A67-19334
- LORENZ, G.**
Impurity distribution in epitaxial films after oxidation. 05 p0869 A67-17095
- LORENZ, M. R.**
Preparation and properties of solution-grown epitaxial p-n junctions in GaP. 02 p0297 A67-11876
Recombination processes in GaP diodes as functions of temperature. 06 p1062 A67-18931
Semiconductor-diode light sources. 12 p1979 A67-25169
Internal quantum efficiency of GaP diodes. 23 p4045 A67-41460
- LORENZ, P.**
The survival of micro-organisms in space - Further rocket and balloon-borne exposure experiments. 15 p2424 A67-29097
The biological effectiveness of solar electromagnetic radiation in space. 19 p3177 A67-35184
The survival of terrestrial microorganisms in space at orbital altitudes during Gemini satellite experiments. 19 p3178 A67-35223
- LORENZ, P. J.**
Some psychomotor and physiological tests on humans exposed to air ions. 09 p1452 A67-21720
- LORIA, E. A.**
Methods for improving the ductility of molybdenum. 14 p2338 A67-28616
- LORIKIAN, M. P.**
Problem of ionization losses of the energy of charged particles moving from a vacuum into a medium /K voprosu ob ionizatsionnykh poteriakh energii relativistskikh chastits, vkhodiaschchikh iz vakuuma v sredu/. 01 p0125 A67-10926
- LORIMOR, O. G.**
Some local-mode measurements of Li-diffused, Te-doped GaAs. 17 p2922 A67-33066
Localized vibrational modes of lithium in lithium-diffused p-type GaAs. 18 p3106 A67-34644
- LORIOU, B.**
Design of a maser for traveling waves over a large band at centimeter wavelengths /Realisation d'un maser a ondes progressives a large bande en ondes centimetriques/. 09 p1482 A67-22481
C-band travelling-wave maser using a slow-wave structure printed on ruby. 11 p1801 A67-24727
- LORSCH, H. G.**
The manufacture of typical, biologically clean, planetary landing spacecraft to be sterilized. 02 p0188 A67-12380
Biocontamination control. 04 p0562 A67-14425
Biological and engineering aspects of spacecraft sterilization. 15 p2430 A67-29099
- LOS, J.**
The potential model for helium-hydrogen interaction in thermal diffusion. 13 p2161 A67-27729
A molecular beam apparatus for the 0-50 ev region. 14 p2316 A67-28191
- LOSCO, L.**
Conservative fields of force producing movements in a group of spirals /Champs de force conservatifs qui engendrent des mouvements sur une famille de spirales/. 16 p2748 A67-31137
- LOSEE, J. E.**
Logistics development during the conceptual and contract definition phases for USAF programs. 18 p3162 A67-34678
- LOSEKE, W. A.**
Application of the Stallwood jet and DC arc to the analysis of air contamination in inert gases. 05 p0758 A67-16368
- LOSEV, S. A.**
Excitation of vibrational degrees of freedom in molecular collisions. 01 p0118 A67-11302
Excitation time of the B super 3 pi sub g state of N sub 2 at high temperatures. 24 p4194 A67-42890
- LOSEV, V. S.**
Theory of the symmetrical traveling-wave antenna /K teorii simmetrichnoi anteny begushchel volny/. 18 p3011 A67-34178
- LOSEY, D.**
A technique for estimating axial flow compressor potential peak efficiency and related performance. 09 p1560 A67-22491
- LOSHAK, N. S.**
Capacitance transducers with transverse-bending plates /Emkostnye preobrazovatel's poperechnoizgibaushchimis obkladkami/. 01 p0063 A67-10416
- LOSIER, J. A.**
A new precision instrument-approach system /Un nouveau systeme de precision d'approche aux instruments/. 19 p3255 A67-35807
- LOSOVSKII, B. IA.**
High-resolution observations of the polarization of lunar radio emission at the 0.8-cm wavelength /Nabludenie polarizatsii radioizlucheniia luny na volne 0.8 cm s vysokoi razreshaiushchel sposobnost'iu/. 15 p2552 A67-29149
Observations of polarization of lunar radio emission at 0.8 cm with high resolution. 24 p4239 A67-43072
- LOSS, F.**
Epoxy casting resins as structural materials in the electronic industry /Epoksidgl'essharze als Konstruktionswerkstoffe in der elektronischen Industrie/. 15 p2508 A67-29683
- LOSSOVSKII, V. A.**
Free oscillations in an oscillatory circuit with a p-n junction capacitance and a nonlinear inductance. 05 p0777 A67-17237
- LOTH, J. L.**
Velocity and density probe for steady non-equilibrium supersonic flow. 09 p1497 A67-21776
Theoretical optimization of staged ejector systems. 22 p3787 A67-40150
- LOTHE, J.**
Dislocation bends in anisotropic media. 08 p1418 A67-20798
- LOTKIN, M. M.**
Determination of angle of attack from rotational body rates. 22 p3741 A67-40093
- LOTOTSKII, B. IU.**
Thermal processes in thin films. 18 p3100 A67-33766
- LOTOVA, N. A.**
Interplanetary flickering of radio sources and its use in astrophysics. 02 p0322 A67-11684
Radio wave scattering on isotropic and radially extended inhomogeneities of the solar outer corona. 13 p2197 A67-26543
- LOTSCH, H. K. V.**
On the model of the "equivalent" confocal resonator system. 02 p0287 A67-12026
- LOTT, D. R.**
Flight experience with large-area solar array systems. 24 p4105 A67-42518
- LOTT, J. E.**
Reliability predictions and system support costs. 16 p2782 A67-31256
- LOTT, J. L.**
Partial oxidation of methane at high pressures. 05 p0759 A67-17540
- LOTZ, R. G. A.**
"Automatische biosonde" - A life support system for satellite experiments over one year. 19 p3180 A67-35248
- LOTZ, W.**
Electron-impact ionization cross-sections and ionization rate coefficients for atoms and ions. 21 p3660 A67-39098
An empirical formula for the electron-impact ionization cross-section. 24 p4194 A67-41890
- LOU, Z.-G.**
Low temperature electrical properties of silicon material. 05 p0861 A67-16502
- LOUAT, N.**
The interactions of cracks and dislocations. I. 16 p2768 A67-31281
- LOUBIERE, R.**
Metabolic cerebellum changes during experimental hypoxia /Modifications metaboliques du cervelet au cours de l'hypoxie experimentale/. 04 p0561 A67-14629
- LOUGHRAN, D. J.**
Orbit analyzer probes for the measurement of plasma temperatures. 22 p3798 A67-39626
- LOUGHRAN, E. F.**
Micro fault indicators for built-in-test-equipment. 20 p3449 A67-36983
- LOUIS, J. F.**
Studies on an alkali shock tube and on an MHD generator wind tunnel. 09 p1540 A67-21789
Studies on an inert gas disk Hall generator driven in a shock tunnel. 12 p1972 A67-25386
- LOUISELL, W. H.**
Theory of the optical parametric oscillator. 05 p0817 A67-16639
Quantum noise IX - Quantum Fokker-Planck solution for laser noise. 11 p1799 A67-24240
Solutions of the damped oscillator Fokker-Planck equation. 22 p3817 A67-40486
- LOUVIER, J. G.**
Static and fatigue properties of repair welded aluminum and magnesium premium quality castings. 08 p1333 A67-20360
- LOUW, G. N.**
Action of thyrocalcitonin in the teleost fish *Ictalurus melas*. 20 p3372 A67-37277
- LOVBERG, R.**
Internal measurements of plasma rotation in an MPD arc. [AIAA PAPER 67-655] 21 p3689 A67-38691
- LOVE, B. E.**
Fuel related problems in engine fuel systems. [SAE PAPER 660714] 01 p0140 A67-10603
- LOVE, J. A., III**
Analysis of translucent and opaque photocathodes. 07 p1185 A67-19408
Narrow spectral response Schottky photodiodes. 23 p3981 A67-41272
- LOVE, J. E.**
Component performance and flight operations of the X-15 research airplane program. 01 p0011 A67-11341
Operational experience of the X-15 airplane as a reusable vehicle system. 15 p2420 A67-29648
- LOVE, T. A.**
Distorted-wave analysis of inelastic scattering of 61.7 Mev protons from super 60 Ni. 17 p2886 A67-32733
- LOVE, T. J.**
Radiative heat transfer between parallel plates separated by a nonisothermal medium

- with anisotropic scattering.
[ASME PAPER 66-WA/HT-28] 04 p0725 A67-15441
- Experimental determination of reflectance function for type 302 stainless steel. [AIAA PAPER 67-321] 12 p1957 A67-26036
- A method for the prediction of radiative heat transfer from flames. [ASME PAPER 67-HT-47] 20 p3547 A67-36729
- LOVE, W. J.**
Nonsynchronous response of a pivoted-pad gas bearing. [ASME PAPER 67-VIBR-15] 11 p1796 A67-24175
- LOVEJOY, P. T.**
Fatigue strength of a weldable high strength martensitic stainless steel. 22 p3811 A67-39447
- LOVEJOY, R. M.**
Effects of bulk modulus and density on aircraft and missile hydraulic servo systems. [ASME PAPER 67-FE-19] 14 p2252 A67-28366
- LOVELAND, L. D.**
Tame subsets of spheres in E super 3. 07 p1215 A67-19507
- LOVELL, B.**
Our present knowledge of the universe. 24 p4223 A67-41783
- LOVELL, D. T.**
Diffusion welding of dissimilar metals. 07 p1190 A67-19214
- LOVELL, G.**
The dual redundant concept of computer operation. 08 p1298 A67-20638
- LOVELL, W. M.**
Electronics in Ariel III - The first British-built satellite. 17 p2827 A67-32822
- LOVELL, W. S.**
Laser harmonics useful for frequency translation. 19 p3240 A67-35700
- LOVELOCK, J. E.**
Detecting planetary life from earth. 11 p1747 A67-24063
- Life detection by atmospheric analysis. 23 p3944 A67-40999
- LOVERING, J. F.**
The abundance of mercury in meteorites and rocks by neutron activation analysis. 11 p1858 A67-24064
- Rhenium and osmium abundances in chondritic meteorites. 24 p4235 A67-42637
- LOVETSKII, E. E.**
Theory of instability for a current plasma bounded by conducting surfaces /K teorii neustoiichivosti tokovoi plazmy, ogranichennoi provodimostimi stenkami/. 04 p0667 A67-15208
- Oscillations of an inhomogeneous and weakly ionized plasma in an external magnetic field with current flow. 08 p1039 A67-18080
- Instability of current-carrying plasma between conducting walls. 15 p2532 A67-30256
- Acceleration of electrons in a plasma placed in a strong electric field /Ob uskorenii elektronov v plazme, pomeshchennoi v sil'noe elektricheskoe pole/. 17 p2905 A67-32924
- Contribution to the theory of hydrodynamic instability of inhomogeneous plasma streams /K teorii gidrodinamicheskoi ustoiichivosti neodnorodnykh plazmennyykh potokov/. 17 p2905 A67-32925
- LOVISETTO, L.**
A multi-channel photoelectric spectrometer employing a Fabry-Perot etalon and axicon. 20 p3439 A67-36353
- LOW, C. A., JR.**
Radioisotope heating for contact ionization thrusters. [AIAA PAPER 67-735] 21 p3695 A67-38758
- LOW, C. H.**
Atmospheric temperature measurement above 100 km altitude from AIO spectra. 08 p1327 A67-21370
- LOW, E. F.**
Stress concentrations around shaped holes. 15 p2577 A67-30268
- LOW, F. J.**
The infrared brightness temperature of Uranus. 02 p0324 A67-11773
- Infrared observations of a preplanetary system. 03 p0510 A67-13506
- Far-infrared surveys of the sky. 17 p2952 A67-33362
- Discovery of an infrared nebula in Orion. 19 p3330 A67-36080
- Infrared observations of the planetary nebula NGC 7027. 24 p4225 A67-41830
- LOW, H.**
Problems in the design of electronic equipment for space. 21 p3591 A67-38209
- LOW, M. J. D.**
Subtler infrared spectroscopy. 07 p1190 A67-20272
- The application of the interferometry to the infrared spectra of minerals. 22 p3807 A67-40368
- LOW, P. F.**
Frost phenomena on Mars. 06 p1089 A67-18645
- LOW, P. R.**
The IBM System/360 Model 91 - Some remarks on system development. 11 p1755 A67-23948
- LOW, S. T.**
An electronic system for measuring human information retrieval in bisensory configuration. 20 p3419 A67-37639
- LOW, W.**
Evidence for re-reflected shock waves from convergent cylindrical channels. 22 p3783 A67-39720
- LOWDIN, P.-O.**
The calculation of upper and lower bounds of energy eigenvalues in perturbation theory by means of partitioning techniques. 02 p0269 A67-12727
- LOWE, D. S.**
Manned earth orbital program in earth sensing. 08 p1325 A67-21072
- Agricultural sensing from orbiting satellites. 22 p3806 A67-40367
- LOWE, J. N.**
A preliminary survey of the properties of 0.5-5 wt percent copper-beryllium alloy sheet. 13 p2139 A67-27125
- LOWELL, A. C.**
A new dimension in microelectronic systems applications of large silicon-on-sapphire and MOS arrays. 02 p0219 A67-12108
- LOWELL, C. E.**
Solid solution of boron in graphite. 12 p1960 A67-26189
- LOWELL, J.**
Surface superconductivity in dilute type II alloys. 23 p4036 A67-40657
- The mixed state thermal conductivity of clean and dirty type II superconductors. 23 p4036 A67-40704
- LOWELL, R.**
Microwave phased-array antennas. 13 p2083 A67-27566
- LOWELL, R. L., JR.**
Similarity analysis for multicomponent, free convection. 15 p2582 A67-30217
- LOWEN, W.**
The control of a nuclear reactor using helium-3 gas control elements. 04 p0656 A67-15989
- LOWENSTEIN, M. G.**
A television system with automatic target tracking capability. 12 p1904 A67-25462
- LOWENTHAL, D. D.**
A photographic recording medium for 10.6- μ laser radiation. 19 p3240 A67-35694
- LOWENTHAL, S.**
Interferometric holography in diffused light /Holographie Interferometrique en lumiere diffuse/. 03 p0420 A67-13451
- Restitution of holograms in partially coherent light /Restitution d'hologrammes en lumiere partiellement coherent/. 13 p2119 A67-26587
- Recent progress in coherent optics - Spatial filtering, holography /Progres recents en optique coherent - Filtrage des frequences spatiales, holographie/. 20 p3457 A67-36333
- Observation of phase objects by optically processed Hilbert transform. 20 p3458 A67-36388
- LOWERRE, J. M.**
Reliability statistics for repairable devices. 15 p2495 A67-30412
- LOWERS, H. R.**
Evaluation of systems effectiveness of Army missile systems. [SAE PAPER 660725] 01 p0154 A67-10627
- LOWERY, G. W.**
Direct determination of thermal diffusivity and conductivity with a refined line-source technique. [AIAA PAPER 67-314] 12 p2037 A67-26029
- LOWES, F. B.**
Navigation and guidance analysis of a Mars probe launched from a manned flyby spacecraft. [AIAA PAPER 67-546] 19 p3257 A67-35945
- LOWMAN**
Visual observations of American astronauts and Russian cosmonauts /Sichtbeobachtungen Amerikanischer Astronauten und Russischer Kosmonauten/. 09 p1569 A67-22604
- LOWMAN, P. D., JR.**
Lunar ring dikes from Lunar Orbiter I. 05 p0901 A67-17202
- Photography from space - Geological applications. 06 p0999 A67-19002
- The scientific value of manned lunar exploration. 06 p1093 A67-19036
- Lunar resources - Their value in lunar and planetary exploration. 09 p1568 A67-22406
- LOWRY, C. H.**
Pyrotechnic thruster pressure-operated systems. [ASME PAPER 67-DE-34] 14 p2394 A67-28875
- LOWRY, J. F.**
Preliminary evaluation of a nonvacuum welder for aerospace applications. 04 p0628 A67-15312
- LOY, B.**
Metallurgical aspects of rolling contact fatigue. 12 p1954 A67-25329
- LOYALKA, S. K.**
Model dependence of the slip coefficient. 22 p3841 A67-39718
- LOYD, C. D.**
Inertia welding dissimilar metals. [ASTME PAPER WES-7-51] 10 p1660 A67-23006
- LOYEN, R.**
Automatic control of the second stage of the ELDO launcher /Contrôle automatique du deuxième étage de l'engin ELDO/. 03 p0502 A67-12899
- LOZHNIIKOV, A. A.**
Measurements of lunar radiation fluxes in the infrared and visible spectral regions by the Luna 10 orbiter /Izmereniia potokov izlucheniia luny v infrakrasnoi i vidimoi oblastiakh spektra na sputnike "Luna-10"/. 05 p0886 A67-16052
- Measurement of radiation emission from the moon in the infrared and optical spectral regions by the satellite Luna-10. 21 p3701 A67-37839
- LOZINS, N.**
Maximum data recovery using the space velocity meter. 08 p1332 A67-21102
- LOZINS, N. G.**
The space velocity meter. 08 p1331 A67-21101
- LOZINSKII, A. M.**
A method of determination of the major axis of artificial earth satellite orbits based on a limited number of tracking data. 05 p0894 A67-16560
- LOZINSKII, M. G.**
Study of the effect of zirconium additions on the plasticity and the deformation characteristics of nickel within a wide range of temperatures /Izuchenie vlianiia dobavok tsirkoniia na plastichnost' i osobennosti deformatsii nikela v shirokom diapazone temperatur/. 24 p4169 A67-41922
- LOZITSKII, L. P.**
Experimental installation and method of performing experiments to determine the fatigue resistance of lines in aviation hydraulic systems /Eksperimental'naya ustanovka i metodika provedeniia opytov po opredeleniiu predelov ustalosti soedinenii truboprovodov aviatsionnykh gidrosistem/. 02 p0231 A67-12447
- Investigation of the effect of internal pressure of the fluid and inaccuracies in installation on the fatigue resistance of line connections for aircraft hydraulic and gas systems /Issledovanie vlianiia vnutrennego davleniia zhidkosti i montazhnykh netochnostei na ustalostnuiu prochnost' soedinenii truboprovodov gidrogazovykh sistem samoletov/. 02 p0184 A67-12448
- LOZOVIK, I. U. E.**
Plasma oscillations of the electron shell of the atom. 08 p1355 A67-20860
- LU, H.-S.**
Superlattice formation and lattice spacing changes in copper-gold alloys. 05 p0862 A67-16506
- LU, P.-C.**
Calculation and experimental study of the cut-off wavelength of the lowest TE mode in a rectangular waveguide having a coaxial inner cylindrical conductor. 05 p0773 A67-16511
- An equitriangular transform and its application. 17 p2876 A67-32423
- A study of Kantorovich's variational method in MHD duct

- flow. 17 p2906 A67-33038
Some heat-transfer problems inside an equilateral triangular region. [ASME PAPER 67-HT-67] 20 p3550 A67-36748
A study of seeded rotating arcs. 21 p3674 A67-38885
- LU, S.
Holography of moving objects. 21 p3627 A67-38347
- LU, S. Y.
Vibrations of thin conical shells subjected to sudden heating. 06 p1100 A67-18000
Thermal buckling of conical shells. [AIAA PAPER 67-112] 06 p1103 A67-18355
Thermal buckling of conical shells. [AIAA PAPER 67-112] 21 p3728 A67-38873
- LU, S.-C.
Double singular integrals and linear summation of Fourier series. 03 p0461 A67-14107
- LUBCHENKO, A. F.
Effect of concentration on light absorption and dispersion by impurity centres in the case of weak electron-phonon coupling. 07 p1233 A67-19648
- LUBER, E. H.
The selection of a gyroscopic reference for commercial aircraft. [AIAA PAPER 67-405] 15 p2491 A67-30372
- LUBIAKO, L. V.
Measurement of atmospheric absorption at wavelengths from 1.8 to 0.87 mm /Izmerenie atmosfernogo pogloshchenia v diapazone voln lambda equals 1.8 - 0.87 mm/. 19 p3185 A67-36014
- LUBIANIA, N. D.
Investigation of the composition of the primary cosmic-ray component /Issledovanie sostava pervichnoi komponenty kosmicheskogo izlucheniya/. 23 p4054 A67-41096
- LUBIN, B. T.
A correlation of electron beam welding parameters. [ASME PAPER 66-WA/MET-18] 04 p0629 A67-15333
- LUBIN, D. P.
A gallium arsenide /GaAs/ laser diode communicator. 23 p3975 A67-41379
- LUBIN, G.
Factors causing scatter and unreliable design data for fiberglass fabric laminates for aerospace applications. 08 p1345 A67-20431
- LUBIN, M. J.
Precursor studies in an electromagnetically driven shock tube. 08 p1363 A67-21380
Photodiode holder with 300 psec rise time for laser studies. 20 p3397 A67-36528
Theoretical considerations on precursor waves in electromagnetically driven shock tubes. [AIAA PAPER 67-694] 21 p3613 A67-38723
Theoretical considerations on precursor waves in electromagnetically driven shock tubes. 22 p3850 A67-39711
- LUBLINER, J.
On uniqueness in general linear viscoelasticity. 17 p2964 A67-33135
- LUBOWE, A. G.
Orbital behavior of large synchronous satellites. 09 p1571 A67-21697
- LUCARELLI, L. A.
An apparatus for simulation of time-temperature-pressure re-entry environments. 15 p2466 A67-29537
- LUCAS, E. J.
Use of superconducting coils as energy storage elements in pulsed system operations. 22 p3747 A67-39900
- LUCAS, I.
General theory of the short-slit directional coupler /Allgemeine theorie des kurzschlitz-richtungs-kopplers/. 19 p3195 A67-35560
- LUCAS, J. R.
A preliminary evaluation of an emulsified fuel mixture in the model T63 turbine engine. [SAE PAPER 670368] 12 p1987 A67-25883
- LUCAS, J. W.
Thermal scale modeling of the Mariner IV spacecraft. [AIAA PAPER 66-23] 03 p0517 A67-13066
Lunar surface thermal characteristics from Surveyor 1. 08 p1386 A67-20940
- LUCAS, R. C.
Nondestructive determination of MOSFET gate breakdown voltage. 21 p3598 A67-38574
- LUCCHI, G. A.
Airborne weather radar. [SAE PAPER 670252] 12 p1905 A67-25503
- LUCHININ, S. D.
Calculation of a gun for shaping a helical electron beam of high transverse electron energy /O raschete pushki dlia formirovaniia vintovogo elektronnoogo puchka s bol'shoi poperechnoi energiei elektronov/. 03 p0475 A67-13088
Interaction of a helical electron flux with the H sub 01 wave field of a circular waveguide /O vzaimodelstviu vintovogo elektronnoogo potoka s polem volny H sub 01 kruglogo volnovoda/. 03 p0367 A67-13089
- LUCHTER, S.
A quantitative method of screening working fluids for Rankine-cycle power plants. [ASME PAPER 67-GT-12] 11 p1746 A67-24798
Current status of the technology of "organic" Rankine cycle power plants. 24 p4103 A67-42495
- LUCIC, A.
Packaging considerations for shielding electronic packages. 12 p1911 A67-25287
- LUCJANEK, W. W.
Development of free-flight technique for NAE helium hypersonic wind tunnel. 10 p1622 A67-23390
- LUCKE, H. E.
Structure and development of the ELDO third stage /Die Struktur der 3. Stufe und ihre Fertigungsentwicklung/. 01 p0078 A67-10409
- LUCKE, O.
Determination of neutral-gas density in the upper atmosphere /H equals 200 km/ from simultaneous observations of satellite positions /Die Bestimmung der Dichte des Neutralgases in der hohen Atmosphäre /H equals 200 km/ aus Simultanbeobachtungen von Satellitenpositionen/. 07 p1172 A67-19626
- LUCKEN, J.
Which delay line is best/ques/. 23 p3982 A67-41503
- LUCKEY, T. D.
Potential microbic shock in manned aerospace systems. 05 p0755 A67-16281
- LUCKING, A. S.
A concept of flight data acquisition. 03 p0374 A67-13379
- LUCY, M. H.
Spin acceleration effects on some full-scale solid rockets. 08 p1408 A67-20522
- LUCY, R.
Continuous wave laser ground-to-space-to-ground laser experiment. 21 p3578 A67-37858
- LUCY, R. F.
Optical superheterodyne receiver. 19 p3184 A67-35685
- LUCZYWEK, E.
Effect of Mach number and ratio of specific heats on the distance of the shock wave from the end face of a circular cylinder situated in axisymmetric flow /Wplyw liczby Macha i wykladnika izentropii na odleglosc fall uderzeniowej od podstawy walca kolowego oplywanego oslowo. symetrycznie/. 07 p1126 A67-19347
Sonic boom /Uderzenie dzwiekowe/. 22 p3744 A67-39547
- LUDFORD, G. S. S.
Effect of nonzero Pr sub m on hydromagnetic airfoil theory. 14 p2240 A67-28142
Rotational stagnation-point flow. 17 p2789 A67-32039
The super-Alfvénic nature of Sears-Resler flow. 19 p3170 A67-35538
On the controversy over an aligned magnetic field. 20 p3494 A67-36146
- LUDI, L. H.
Composite aircraft design. [AHS PAPER 110] 16 p2597 A67-31826
- LUDLOFF, A.
Wideband transmission of radar signals /Die Breitbanduebertragung von Radar-Signalen/. 01 p0021 A67-10213
Transmission of angle value from radar scan-antennas /Zur Uebertragung des Winkelwertes von Radar-Rundsuchantennen/. 11 p1760 A67-24269
- LUDWICK, J. D.
Xenon 133 as an atmospheric tracer. 02 p0237 A67-11854
- LUDWIG, H.
The transonic wind tunnel at the aerodynamic research institute at Goettingen /Der Transsonische Windkanal der aerodynamischen Versuchsanstalt Goettingen/. 23 p3987 A67-41312
- LUDWIG, A.
Gain computations from pattern integration. 11 p1763 A67-24297
- LUDWIG, A. C.
Lunar range radiation patterns of a 210-foot antenna at S-band. [JPL-TR-32-1079] 11 p1763 A67-24298
- LUDWIG, A. L.
Turbine fuel thermal stability - From refinery to supersonic transport. [SAE PAPER 660710] 01 p0139 A67-10624
- LUDWIG, C. B.
Total emissivity of hot water vapor. I - High pressure limit. 01 p0167 A67-10973
High-temperature spectral emissivities and total intensities of the 15-mu band system of CO sub 2. 06 p1118 A67-18539
Temperature dependence of the total intensity of difference-band systems - The 10-mu band system of CO sub 2. 11 p1821 A67-23960
Prediction of total emissivity of nitrogen-broadened and self-broadened hot water vapor. 13 p2155 A67-26493
- LUDWIG, D.
Uniform asymptotic expansion of the field scattered by a convex object at high frequencies. [NYU-EM-217] 23 p3972 A67-40751
- LUDWIG, G.
Automatic-scanning receiver for interference-free recording of solar-flare effects and blackouts by the cosmic-noise method /Ein Empfaenger mit Suchautomatik zur stoerungsarmen Registrierung von Solar-Effekten und Blackout nach dem Cosmic-Noise-Verfahren/. 05 p0883 A67-16799
- LUDWIG, G. H.
Relative advantages of small and observatory type satellites. 12 p2012 A67-25785
OGO-E cosmic radiation - Nuclear abundance experiment. 12 p1944 A67-25852
Space sciences data processing. 12 p1909 A67-25865
The role of the experimenter on multi-experiment scientific satellites. [AIAA PAPER 67-630] 20 p3534 A67-37614
Relative advantages of small and observatory type satellites. [AIAA PAPER 67-634] 20 p3534 A67-37616
- LUDWIG, H. R.
Prediction of ball-spin and interfacial slip friction from room to 2500 deg F. [ASLE PAPER 66AM 5D4] 08 p1335 A67-21037
- LUDWIG, L. P.
Experimental and theoretical study of the viscoseal. 03 p0428 A67-13226
Convective inertia and gas ingestion effects on flow regimes of the viscoseal - Theory and experiment. 14 p2327 A67-28797
- LUEBBEN, W. R.
Electronic package design for rugged military field service. 12 p1911 A67-25268
- LUEBBERS, S. S.
Thermionic converter life-test results and failure mechanisms. 09 p1447 A67-22334
Anomalous electron and ion currents in plasma-mode operation of a thermionic energy converter. 24 p4103 A67-42502
- LUEBECK, L.
ESRANGE - European rocket launching site in Kiruna /ESRANGE - Europeiskt raketskjutfaelt i Kiruna/. 03 p0395 A67-13498
- LUEDERS, G.
Theory of superconductors of the second kind - With emphasis on thin film problems. 02 p0291 A67-11738
Temperature dependence of upper critical fields for clean superconductors of the second kind. 17 p2915 A67-32693
The correlation-function method in the theory of superconductivity /Die Methode der Korrelationsfunktion in der Theorie der Supraleitung/. 18 p3100 A67-33712
- LUEDKE, E. E.
In situ solar absorptance measurement - An absolute method. 15 p2487 A67-29542
- LUEHRS, R. E.
The Human Error Research and Analysis Program /HERAP/. [AIAA PAPER 67-848] 24 p4117 A67-42984
- LUENBERGER, D. G.
Solution of optimal control problems by the method of conjugate gradients. 16 p2651 A67-31678
- LUENOW, W.
Diffraction of electromagnetic waves on plasma cylinders. 12 p1969 A67-25246

LUESCHER, E.

Optical pumping on Cs super 133 by means of a new transmission technique /Optisches Pumpen an Cs super 133 unter Anwendung einer neuen Nachweismethode/. 23 p4016 A67-41291

LUEST, R.

Scientific program and instrumentation of a comet probe /Wissenschaftliches Programm und Instrumentierung einer Kometensonde/. 03 p0510 A67-13496

Exploration of the interplanetary medium from lunar and cislunar space. 04 p0700 A67-15072

Motion of artificial ion clouds in the upper atmosphere. 08 p1326 A67-21357

Motion of structures in the coma and tail of the Morehouse comet /Bewegung von Strukturen in der Koma und im Schweif des Kometen Morehouse/. 10 p1704 A67-22720

Motion of artificial ion clouds in the upper atmosphere. 10 p1844 A67-23254

Artificial strontium and barium clouds in the upper atmosphere. 17 p2851 A67-33194

The properties of interplanetary space. 22 p3883 A67-39668

LUETJENS, P.

Artificial strontium and barium clouds in the upper atmosphere. 17 p2851 A67-33194

LUFT, U. C.

Hypoxia - A clinical-physiological approach. 23 p3953 A67-41591

LUFT, W.

Solar cell power systems for electric propulsion. [AIAA PAPER 66-891] 02 p0183 A67-12269

Multifaceted solar array performance determination. 24 p4104 A67-42509

LUGAKOV, P. F.

Energy spectrum of radiation defects in silicon single crystals. 05 p0872 A67-17547

Electric and photoelectric properties of fast-neutron-irradiated p-type silicon single crystals /Elektricheskie i fotoelektricheskie svoystva monokristallov kremniia p-tipa, obлучennykh bystryimi neitronami/. 10 p1891 A67-23404

Investigation of the optical quenching of photoconductivity in silicon containing radiation defects /Issledovanie opticheskogo gasheniia fotoprovodimosti v kremnii, soderzhashchem radiatsionnye narusheniia/. 13 p2173 A67-28358

Investigation of structural defects in silicon single crystals bombarded with fast neutrons /Issledovanie defektov struktury v monokristallakh kremniia, obлучennogo bystryimi neitronami/. 15 p2541 A67-30236

Investigation of the optical quenching of photoconductivity in silicon containing radiation defects. 21 p3879 A67-38315

LUGINA, A. S.

Observation of the generation of sum radiation frequency by ruby and neodymium lasers in a KDP crystal /Nabludenie generatsii summarnoi chastoty izlucheniia rubinovogo i neodimovogo lazera na kristalle KDP/. 07 p1196 A67-19734

LUGOVENKO, V. N.

Stationary property of a random process that approximates an anomalous magnetic field /Statsionarnost' sluchainogo protsessa, approksimiruiushchego anomal'noe magnitnoe pole/. 14 p2309 A67-27946

Some estimates for errors in the division of the geomagnetic field into the primary field and an anomalous field /Nekotorye otsenki pogreshnostei, voznikaushchikh pri razdelenii geomagnitnogo polia na glavnoe i anomal'noe polia/. 14 p2309 A67-27947

The problem of the separation of the geomagnetic field into anomalous and normal components /Zadacha razdeleniia geomagnitnogo polia na anomal'nuiu i normal'nuiu sostavlyushchie/. 21 p3622 A67-39024

LUSCHER, W.

Control of the recovery and recrystallization of rolled aluminum through small additions of beryllium, nickel, titanium, boron, or manganese /Beeinflussung der Erholung und der Rekristallisation von walzverformtem Aluminium durch geringe Zusätze von Beryllium, Nickel, Titan, Bor oder Mangan/. 04 p0637 A67-14910

LUGT, A. V.

Operational notation for the analysis and synthesis of optical data-processing systems. 01 p0028 A67-10433

LUGT, H. J.

Convective vortex over a horizontal surface with nonuniform temperature. 04 p0612 A67-14652

On magnetohydrodynamics of rotating fluids. 23 p4031 A67-40604

LUH, J. Y. S.

Optimal control of antenna pointing direction subject to random disturbance. 02 p0219 A67-12147

An application of bounded phase-coordinate control theory to an undamped oscillatory plant with control amplitude and rate saturations. 08 p1309 A67-20330

Time-optimal control of a bounded phase-coordinate process. I. 12 p2012 A67-25911

Time-optimal control of a bounded phase-coordinate process. II. 16 p2762 A67-31643

Extremal control of an undamped oscillatory plant with control amplitude and rate saturations. 22 p3833 A67-40149

LUI, K.

CO sub 2 removal by pulsed gas chromatography. 23 p3964 A67-41555

LUKOV, A. V.

Heat transfer bibliography - Russian works. 01 p0167 A67-10979

On determination of the heat transfer coefficient in simultaneous conductive and convective heat transfer. 04 p0730 A67-15817

Heat transfer bibliography - Russian works. 18 p3160 A67-34166

LUKAC, P.

Thermally activated slipping of cadmium single crystals /Thermisch aktivierte Gleitung von Kadmium-Einkristallen/. 07 p1234 A67-20109

LUKASHENIA, G. V.

Temperature coefficient of combustion rate for condensed mixtures with various component proportions /Temperaturnyi koeffitsient skorosti goreniia kondensirovannykh smeseli pri razlichnom sootnoshenii komponentov/. 07 p1267 A67-19311

LUKASHENKO, G. M.

Thermodynamic properties of some semiconductor compounds /O termodinamicheskikh svoystvakh nekotorykh poluprovodnikov/. 18 p3095 A67-33445

LUKASHENKO, V. I.

Nature of ionization in a cesium discharge plasma /Priroda ionizatsii v rozriadnii tseziiovoi plazmy/. 22 p3847 A67-39510

LUKASHEVA, M. V.

Influence of some extreme effects on the functional state of the stomach /Vliianie nekotorykh ekstremal'nykh vozeistvii na funktsional'noe sostoiianie zheludka/. 16 p2613 A67-30915

LUKASHUK, S. A.

Effect of vortex generators on the aerodynamic characteristics of a wing and a body of revolution /Vliianie vikhreobrazovatelei na aerodinamicheskie kharakteristiki kryla i tela vrashcheniia/. 17 p2792 A67-32904

LUKASIEWICZ, A.

Synchronous detection in the Diane stations /La detection synchrone dans les stations "Diane"/. 21 p3583 A67-38644

LUKASIEWICZ, J.

Constant acceleration flows and applications to high-speed guns. 23 p3992 A67-41716

LUKASIEWICZ, S.

The influence of the double curvature on the rigidity of the shell of revolution. 16 p2786 A67-31149

Concentrated loads on shallow spherical shells. 21 p3730 A67-39087

LUKATSKAIA, F. I.

Statistical parameters of the radiation of irregular and semiregular variables. 07 p1248 A67-19486

LUKE, C. A.

A computerized method of optimizing the design of airborne photo-optical recording systems using modulation transfer function analysis. 16 p2678 A67-31792

LUKE, P. G.

Tantalum thin film resistors and their use in integrated circuits. 14 p2280 A67-28015

LUKE, Y. L.

Rational approximations to the solution of the second order Riccati equation. 02 p0258 A67-11558

Rational approximations to the generalized Duffing equation. 04 p0647 A67-15660

Rational approximations to the incomplete elliptic integrals of the first and second kinds. 18 p3072 A67-34397

Another method for the determination of silicon oxide thickness. 09 p1553 A67-21954

LUKES, F.

Thermal emf in plastic deformation /Termoelektrodvzhuschala sila pri plasticheskoii deformatsii/. 02 p0301 A67-12740

LUKHVICH, A. A.

Radiative acceleration of plasma /Radiatsionnoe uskorenie plazmy/. 17 p2904 A67-32915

LUKIANCHIKOVA, N. B.

Apparatus for recording spectra of low-frequency photocurrent noise in semiconductor. 06 p0970 A67-18194

LUKIANENKO, O. P.

Application of a new method of calculating local radiation characteristics to a numerical solution of some specific problems of radiative heat transfer /Primenenie novogo metoda rascheta lokal'nykh kharakteristik izlucheniia k chislennomu resheniiu nekotorykh konkretnykh zadach o luchistom teploobmene/. 19 p3347 A67-35898

LUKIANOV, A. E.

Observation of p-n junctions under pulsed conditions by means of an electron mirror microscope. 13 p2120 A67-27070

LUKIANOV, A. T.

Numerical solution of some problems of boundary-layer theory. 04 p0603 A67-14642

Mathematical simulation of parabolic-type nonlinear equations /Matematicheskoe modelirovanie nelineinykh uravnenii parabolicheskogo tipa/. 17 p2821 A67-33079

Solution of boundary-layer equations on a static electrical integrator /Reshenie uravnenii pogranichnogo sloia na staticheskoi elektroiintegratore/. 17 p2821 A67-33080

LUKIANOV, G. A.

Investigation of a supersonic rarefied argon plasma jet /Issledovanie sverkhzvukovoi strui razrezhennoi argonovoi plazmy/. 11 p1842 A67-24963

LUKIANOV, V. N.

On certain characteristics of plasmas heated by collisionless shock waves. 12 p1976 A67-26074

LUKIANOVA, L. D.

Combined effects of space-flight factors on certain functions of the body /Kombinirovannye vozeistviia faktorov kosmicheskogo poleta na nekotorye funktsii organizma/. 01 p0015 A67-10336

Functional relation between oxidation metabolism, blood flow volume rate, and brain temperature during vibration /O funktsional'noi svyazi mezhdu oksil'tel'nyim metabolismom, ob'emnoi skorost'iu krovoтока i temperaturoi mozga pri vibratsii/. 23 p3943 A67-40769

LUKIN, A. A.

Dissociation of the Bacillus brevis var. G-B during the flight of the Voskhod /Dissotsiatsiia u Bacillus brevis var. G-B pri polete "Voskhoda"/. 21 p3577 A67-38597

LUKIN, A. V.

Electron energy distribution in a neon-hydrogen mixture in a hollow-cathode discharge. 21 p3638 A67-37940

LUKIN, D. S.

Mechanism of propagation of radio waves emanating from an artificial earth satellite. 11 p1751 A67-24070

Field strength of short radio waves emanating from an artificial earth satellite. 11 p1751 A67-24071

Method of studying radio-wave propagation in an inhomogeneous magnetoactive ionosphere /Metod issledovaniia rasprostraneniia radiovoln v neodnorodnoi magnitoaktivnoi ionosfere/. 21 p3582 A67-38592

Method of calculating the radio-wave refraction and refraction-induced errors in the determination of artificial-satellite trajectories /Metod rascheta refraktsii radiovoln i refraktsionnykh oshibok pri opredelenii traektorii ISZ/. 21 p3582 A67-38593

LUKIN, I. U. T.

Probability of the recording of "stars" by an ionization calorimeter /O veroiatnosti registratsii "zvezd" ionizatsionnym kalorimetrom/. 02 p0271 A67-12754

Investigation of electron-photon cascade showers in iron and lead in the energy

- range over 100 Bev /Issledovanie elektronno-fotonnykh kaskadnykh livnel v zheleze i svintse v oblasti energii vysshe 100 Bev/. 02 p0271 A67-12755
- On the probability for recording of "stars" by an ionization calorimeter. 22 p3842 A67-40256
- Investigation of electron-photon cascades in iron and lead in the energy region above 100 Bev. 22 p3842 A67-40257
- Investigation of the angular distribution of shower particles during high-energy interactions /Issledovanie ugirovogo raspredeleniia vlivnelivnykh chastits vo vzaimodelstviakh pri vysokikh energiakh/. 24 p4217 A67-42828
- Cross section of interactions between nuclear-active particles and atomic nuclei of lead at 10 super 11 ev /Sechenie vzaimodelstviia laderno-aktivnykh chastits s atomnymi ladrami svintsa pri energii 10 super 11 ev/. 24 p4219 A67-42844
- Study of the development of electromagnetic showers in lead /Izuchenie razvitiia elektromagnitnykh livnel v svintse/. 24 p4221 A67-42870
- LUKIN, P. I.
- Space and the problem of world peace /Kosmos i problema vseobshchego mira/. 03 p0538 A67-13200
- LUKINA, L. V.
- Auroras in magnetically disturbed and magnetically quiet periods. 07 p1178 A67-19817
- Polar auroras during a minimum of the solar activity cycle /Poliarnye silaniia v period minimuma tsikla solnechnoi aktivnosti/. 10 p1631 A67-22802
- Auroras during a period of minimum solar activity. 24 p4150 A67-42139
- LUKIRSKII, A. P.
- Photolization of d-electrons in Te, Sn, Pb, PbTe, and SnTe. 04 p0681 A67-15295
- LUKOMSKII, I. A.
- Features of differential-equation simulation by electronic computer /Osobennosti modelirovaniia differentsial'nykh uravnenii na elektronnykh vychislitel'nykh mashinakh/. 16 p2633 A67-30463
- LUKOVSKI, I. A.
- Solution of the problem of the oscillations of a liquid in a vessel of complex geometry /K resheniiu zadachi o kolebaniakh zhidkosti v sosudakh slozhnoi geometricheskoi formy/. 17 p2839 A67-32886
- Motion of a solid body containing a liquid describing nonlinear oscillations /K issledovaniu dvizheniia tverdogo tela s zhidkost'iu, sovershalushcheli nelineinye kolebaniia/. 21 p3812 A67-38307
- LUKS, K. D.
- Transport properties of a dense fluid of molecules interacting with a square-well potential. II. 04 p0720 A67-14507
- Kinetic theory of dense-fluid mixtures. IV. 23 p4083 A67-41531
- LUM, E. L. S.
- Linear optimal theory applied to active structural bending control. [AIAA PAPER 66-970] 03 p0361 A67-14142
- LUMLEY, J. L.
- Invariants in turbulent flow. 05 p0794 A67-17418
- The applicability of turbulence research to the solution of internal flow problems. 11 p1776 A67-24046
- A constant temperature hot-wire anemometer. 14 p2315 A67-28159
- Rational approach to relations between motions of differing scales in turbulent flows. 21 p3809 A67-37734
- LUMP, N.
- Influence of outdoor temperature on the indications of Gs-11 gravimeter /Vliianie naruzhnoi temperatury na pokazaniia gravimetra Gs-11/. 20 p3450 A67-37030
- LUND, C. O.
- Doppler system for measuring the flight performance of small rockets and light ammunition. 04 p0653 A67-15044
- LUND, D. S.
- Electron number densities in auroral irregularities - Comparison of backscatter and satellite data. 08 p1328 A67-21481
- LUND, I. A.
- Methods for estimating the probability of clear lines-of-sight, or sunshine, through the atmosphere. [AFRL-66-838] 02 p0282 A67-12080
- LUND, J. W.
- Calculations and experiments on the unbalance response of a flexible rotor. [ASME PAPER 67-VIBR-27] 11 p1796 A67-24185
- Oil whip whirl orbits of a rotor in sleeve bearings. [ASME PAPER 67-VIBR-28] 11 p1797 A67-24186
- LUND, T. J.
- Scatterometer program. 08 p1293 A67-20682
- LUNDBAK, A.
- Evidence of laminar structure and periodicity in the outer radiation belt. 10 p1701 A67-23298
- LUNDBERG, B.
- The menace of the sonic boom to society and civil aviation. 04 p0551 A67-14623
- LUNDBERG, C. V.
- Correlation of shrinkage pressures developed in epoxy, polyurethane, and silicone casting resins with inductance measurements on embedded electronic components. 14 p2341 A67-28954
- LUNDBERG, D. D.
- Laminar convective heat transfer in the entrance region bounded by parallel flat plates at constant temperature. [ASME PAPER 67-HT-48] 20 p3548 A67-36730
- LUNDE, A. R.
- The Boeing 20-foot solar simulator - Progress report. 24 p4139 A67-42045
- LUNDEL, J. H.
- Performance of charring ablative materials in the diffusion controlled surface combustion regime. [AIAA PAPER 67-328] 12 p2038 A67-26042
- LUNDEN, C. D.
- Signature of man-made high-frequency radio noise. 01 p0024 A67-10499
- LUNDERSTAEDT, R.
- Payload and consumption optimization for two-stage missiles /Nutzlast-und Verbrauchsoptimierung zweistufiger Flugkoerper/. 20 p3531 A67-36409
- LUNDGREN, P. R.
- Effects of Roentgen radiation on glycogen metabolism of the rat brain. 07 p1133 A67-19468
- LUNDGREN, T. S.
- Shock structure in a gas of rigid noncentral particles. 15 p2469 A67-29217
- Distribution functions in the statistical theory of turbulence. 16 p2660 A67-31220
- LUNDIN, C. D.
- Application of the Varestant technique to the study of weldability. 03 p0430 A67-13694
- LUNDRY, J. L.
- Minimum swept-wing induced drag with constraints on lift and pitching moment. 06 p0937 A67-18010
- LUNDY, C. E.
- Liquid rocket engine combustion time delay analysis. 22 p3868 A67-40161
- LUNDY, R. A.
- Search for quarks in cosmic rays. 03 p0506 A67-13261
- LUNELLI, L.
- Transmission channels with errorless codes /Canali di trasmissione con codici senza errori/. 24 p4138 A67-42409
- LUNEV, P. A.
- Selenium stabiltron tubes /Selenovye stabiltrony/. 07 p1149 A67-19185
- LUNEV, V. V.
- Development of a boundary layer in a gas flow with a stagnation enthalpy distributed along the streamlines /Razvitiie pogranichnogo sloia v potoke gaza s raspredeleniim po liniiam toka ental'pii tormozheniia/. 03 p0400 A67-12867
- Modification of the explosion analogy in flows past slender blunt bodies /O vidozmenenii vzryvnoi analogii pri obtekanii tonkikh prituplennykh tel/. 06 p0936 A67-17732
- Method of mean-mass values for the boundary layer in external flow with a transverse inhomogeneity /Metod srednemasovyykh velichin dlia pogranichnogo sloia vo vneshnem potoke s poperechnoi neodnorodnost'iu/. 10 p1625 A67-23041
- LUNKIN, I. U. P.
- Influence of vibration-dissociation relaxation on supersonic flow around blunt bodies. 02 p0180 A67-12465
- Supersonic gas flow past blunt bodies - Theoretical and experimental studies /Obtekanie zatuplennykh tel sverkhzvukovym potokom gaza - Teoreticheskoe i eksperimental'noe issledovanie/. 03 p0349 A67-12851
- Manifestation of the effects of variable heat capacity of the gas in supersonic flow past blunt bodies /Proilavlenie effektivov peremennoi teploemkosti gaza pri sverkhzvukovom obtekanii zatuplennykh tel/. 16 p2592 A67-31113
- Effect of simultaneous oscillation and dissociation relaxation on supersonic flow past blunt bodies /Vliianie odnovremennogo protekanii kolebatel'noi i dissotsiatsionnoi relaksatsii na sverkhzvukovoe obtekanie zatuplennykh tel/. 16 p2592 A67-31114
- LUNN, G. K.
- New precision techniques for I.L.S. parameter measurement. 06 p0957 A67-17577
- LUNNEY, G. S.
- Summary of Gemini rendezvous experience. [AIAA PAPER 67-272] 07 p1260 A67-20081
- LUNSFORD, L. R.
- Stress analysis of bonded joints. 09 p1576 A67-22501
- LUNTS, I. A. L.
- Inverse problem of the theory of gyrostabilizers /K obratnoi zadache teorii girostabilizatorov/. 06 p1003 A67-18176
- On a class of motions of conservative systems with one noncyclic coordinate. 15 p2518 A67-29685
- Determination of systematic gyroazimuth horizon drifts in the case of random perturbations /Opredelenie sistematsicheskikh ukhodov giroazimutgorizonta pri sluchainnykh vozmushcheniiakh/. 22 p3809 A67-40481
- LUO, P.-Z.
- On the Goursat problem for a system of nonlinear equations of first order. 03 p0462 A67-14109
- LUOMA, R. A.
- Apollo Crawler system simulation. 22 p3782 A67-40466
- LUPANOV, G. A.
- Oscillations of a singular sphere. 07 p1248 A67-19483
- LUPASHKO, E. A.
- Dispersion of the phase jump occurring in the reflection of light from multilayer dielectric films /Dispersiia fazovogo skachka, voznikalushchego pri otrazhenii sveta ot mnogosloinnykh dielektricheskikh pokrytii/. 03 p0467 A67-12892
- Dispersion of the phase shift due to the reflection of light from multilayer dielectric coatings. 06 p1034 A67-18770
- LURE, A. I.
- Robin elastostatic problem for a three-axis ellipsoid /Elastostaticheskaya zadacha Robena dlia trekhosnogo ellipsoida/. 12 p2029 A67-25665
- Bifurcation of equilibrium of a perfectly elastic body. 15 p2574 A67-29690
- LURE, K. A.
- A method of deriving the Bellman equation /Ob odnom sposobe vyvoda uravneniia Bellmana/. 10 p1675 A67-23681
- On a method of derivation of Bellman equation. 21 p3653 A67-38282
- LURE, S. L.
- Thermal boundary layer on a plate in a Newtonian fluid with a linear heat conductivity law /Teplovai pogranichnyi sloi na plastine v nen'utunovskoi zhidkosti s nelineinym zakonom teploprovodnosti/. 13 p2224 A67-27048
- LURIE, H.
- Boiling sodium heat transfer. 04 p0737 A67-15861
- Design and test of a SNAPOODLE thermoelectric generator. 24 p4184 A67-42507
- LURIE, M.
- Effects of partial coherence on holography with diffuse illumination. 01 p0070 A67-11079
- LURIE, R. M.
- Preliminary investigation of the mechanical behavior of three dimensionally reinforced plastics. 03 p0451 A67-13401
- Mechanical and structural properties of a three dimensionally reinforced plastic. [AIAA PAPER 67-171] 06 p1020 A67-18296
- LURIO, A.
- Electric-field level-crossing spectroscopy. 06 p1035 A67-17830
- LUSH, P. A.
- Investigation of the switching mechanism in a large scale model of a turbulent reattachment amplifier. 08 p1281 A67-20447
- LUSHBAUGH, W. A.
- Demonstration of a quantile system for

- compression of data from deep space probes. [JPL-TR-32-772] 07 p1145 A67-19873
- LUSHCHIK, V. V.**
Experimental determination of critical loads for a cylindrical shell of glass-fiber-reinforced resin /Eksperimental'noe opredelenie kriticheskikh sil stekloplastikovoi tsilindricheskoi obolochki/. 12 p2031 A67-25959
- LUSIGNAN, B. B.**
Space systems engineering 1966. 02 p0231 A67-12383
The space systems engineering course at Stanford University. 16 p2782 A67-30785
- LUSKOW, A. A.**
Thin film components in R.F. power measurement. 21 p3589 A67-37916
- LUSTE, O. I. A.**
Anisotropy of thermal emf in CdSb /Anizotropiya termo-E.R.S. CdSb/. 01 p0129 A67-10137
- LUSTIG, C. D.**
Admittance of a plasma-covered cylindrical antenna. 09 p1481 A67-22447
- LUSTY, A. H., JR.**
Bodies of maximum lift-to-drag ratio in hypersonic flow. 04 p0546 A67-14817
On optimum wedges and semicones in hypersonic viscous flow. 05 p0750 A67-17367
Flat-top body of minimum drag for given lift and length in hypersonic flow. 15 p2416 A67-29408
- LUTAUD, E.**
Investigation of a Penning ion source. 19 p3195 A67-35599
- LUTCHENKO, L. N.**
Effect of the transient response of an antenna on the radiation field /Vliyanie perekhodnykh protsessov v antenne na pole izlucheniya/. 21 p3590 A67-38117
- LUTHER, L. C.**
Electronic Raman scattering by acceptors in GaP. 04 p0673 A67-14477
- LUTMAN, F. R.**
Lunar orbiter quality assurance. 16 p2783 A67-31629
- LUTNES, J. H.**
A wide-latitude developer for use in astronomical and scientific photography. 06 p1002 A67-17976
- LUTSET, M. O.**
Boundary conditions for the Navier-Stokes equations in a rarefied gas /O granichnykh usloviyakh dlia uravnenii Nav'e-Stoksa v razrezhenom gaze/. 15 p2470 A67-29234
- LUTSIV-SHUMSKII, L. P.**
Spontaneous electrooptical effect in triglycin sulfate crystals /Spontannii elektroopticheskii efekt v kristalakh triglitsinsul'fatu/. 01 p0129 A67-10138
- LUTSIV, M. F.**
A method of determining axial residual stresses in metal surface layers. 19 p3343 A67-35844
- LUTSKII, V. N.**
Observation of quantum dimensional effects in bismuth films by the method of tunnel spectroscopy /O nabludeniі kvantovykh razmernykh effektiv v plenkakh vismuta metodom tunnel'noi spektroskopii/. 02 p0281 A67-11632
- LUTTINGER, J. M.**
New mechanism for superconductivity. 01 p0129 A67-10151
- LUTWACK, R.**
The heat sterilizable battery. 24 p4106 A67-42521
- LUTZ, M. A.**
Radiation and its effect on the nonequilibrium properties of a seeded plasma. 17 p2906 A67-33010
- LUTZ, O.**
Inversion of a conical disk /cup spring/, taking into account the generatrix curvature /Stueipen einer konischen Ringscheibe /Tellerfeder/ unter Beruecksichtigung der Mantellinienkrummung/. 18 p3144 A67-34262
- LUTZ, R. W.**
The effect of oxygen atoms on the vibrational relaxation of oxygen. 18 p3081 A67-33784
- LUU, D. V.**
Raman effect of colored substances - Solutions of potassium, sodium and ammonium dichromates - Use of a He-Ne gas laser /6328 angstrom units/ /Effet Raman des substances colorees - Solutions des bichromates de potassium, sodium, ammonium - Utilisation d'un laser a gaz He-Ne /6328 angstrom
- units/. 19 p3240 A67-35421
- LUX, P. A.**
An adaptive machine for fault detection or process control. 02 p0243 A67-12144
- LUXA, J.**
Pressurized breathing and autonomous regulation /Pretlakove dychani a autonomni regulace/. 14 p2257 A67-28225
The excretion of neutral 17-ketosteroids 3-methoxy-4-hydroxymandelic acid, 3-methoxy-4-hydroxyphenyl-acetic acid and mucoproteins in urine during pressure breathing. 22 p3752 A67-40538
- LUXTON, R. E.**
Measurement of turbulent skin friction by a Preston tube in the presence of heat transfer. 23 p4004 A67-41341
- LUZIAU, R.**
Development of laser gyroscopes in the U.S. /La mise au point des gyrometres a laser aux Etats-Unis/. 17 p2868 A67-32726
- LUZIN, A. N.**
Some problems in the dynamics of crystal lattices and of the theory of elasticity. 03 p0520 A67-12930
- LUZOV, A. A.**
Effectiveness of "ineffective" magnetic storms in cosmic rays /Ob effektivnosti "neeffektivnykh" v kosmicheskikh luchakh magnitnykh bur'/. 10 p1899 A67-22781
Dependence of cosmic ray intensity in interplanetary space upon the earth's heliographic latitude. 12 p1992 A67-25120
Annual cosmic-ray variations and changes in the cosmic radiation intensity as a function of the earth's heliographic latitude /Godovye variatsii kosmicheskikh luchel i izmeneniye intensivnosti kosmicheskoi radiatsii v funktsii gelioshroty zemli/. 15 p2550 A67-30012
Possibility of determining the contribution of temperature to the diurnal variation of the hard component /Ob odnoi vozmozhnosti opredeleniya temperaturnogo vклада v sutochnuyu variatsiyu zhestkoi komponenty/. 17 p2933 A67-32089
Cosmic-ray variations as a combination of causal effects and random processes /Variatsii kosmicheskikh luchel kak sovokupnost' prichinnnykh i sluchainnykh protsessov/. 17 p2935 A67-32107
Obtaining information about the parameters of cosmic-ray variations by methods of the theory of random processes /Polucheniye informatsii o parametrah variatsii kosmicheskikh luchel metodami teorii sluchainnykh protsessov/. 17 p2935 A67-32108
Twenty-seven-day cosmic-ray-intensity variations and the structure of solar corpuscular fluxes /27-dnevnyye variatsii intensivnosti kosmicheskikh luchel i struktura korpuskulyarnykh potokov ot solntsa/. 23 p4056 A67-41110
Annual cosmic-ray variations and their relation to active formations on the sun /Godovye variatsii kosmicheskikh luchel i ikh svyaz s aktivnyimi obrazovaniyami na solntse/. 23 p4059 A67-41132
Effectiveness of magnetic storms that are "ineffective" in cosmic rays. 24 p4209 A67-42117
- LUZZATO, G.**
New solutions in the technique of output controllers in radio transmitters and radio links /Nuove soluzioni nella tecnica dei combinatori di uscita negli impianti trasmettenti di radiodiffusione e di ponti radio/. 08 p1294 A67-20777
- LYOV, S. N.**
Assembly for determining the temperature dependence of the thermal conductivity coefficient, thermal emf, and specific electrical resistance of Cermet materials /Ustanovka dlia opredeleniya temperaturnoi zavisimosti koeffitsienta teploprovodnosti, termo-E. D.S. i udel'nogo elektrooprotivleniya metallokeramicheskikh materialov/. 01 p0076 A67-11248
Device for determining the temperature dependence of the heat conductivity coefficient, the thermal EMF, and the electrical conductance of cermets. 17 p2861 A67-33171
Physical properties of niobium and tantalum nitrides /Fizicheskie svoystva nitridov niobia i tantala/. 22 p3861 A67-39917
- LYOVA, A. A.**
Rocket measurements of ozone profiles above the level of maximum concentration. 10 p1638 A67-23202
- LYALL, A. E.**
Bipolar nickel-cadmium cells for high-energy pulses. 19 p3175 A67-34803
- LYE, R. G.**
Rebinder effects in MgO. 23 p4035 A67-40655
- LYKOUDIS, P. S.**
Laboratory experiments with mercury in the presence of magnetic fields. 13 p2171 A67-27437
Magneto-fluid-mechanic channel flow. 16 p2861 A67-31224
Magneto-fluid-mechanic channel flow. 16 p2861 A67-31225
Experimental studies for the determination of transport properties in the presence of a magnetic field for a conducting medium flowing turbulently /Eksperimental'noe izucheniye turbulentnoy perenosy elektroprovodnoi sredy pri turbulentnom techenii v prisutstvii magnitnogo polya/. 17 p2899 A67-32186
- LYKOV, A. V.**
Problems of unsteady heat transfer between a body and a fluid flowing around it /Voprosy nestatsionarnogo teploobmena mezhdu telom i obtekalushchim ego potokom zhidkosti/. 17 p2972 A67-33071
- LYKOVA, O. B.**
Investigation of nonlinear differential equations in a Hilbert space /K voprosu issledovaniya nelineynykh differentsial'nykh uravnenii v Gil'bertovom prostranstve/. 17 p2879 A67-32879
- LYLE, G. C.**
Calculation of molecular band spectra assuming a Gaussian line profile. 23 p4030 A67-41695
- LYLE, J. P., JR.**
Properties of powders and powder metallurgy products. 14 p2335 A67-27809
- LYMAN, E. M.**
Effect of gas pressure on electrical breakdown and field emission. 11 p1820 A67-24921
- LYMAN, F. A.**
Solution of the Boltzmann and rate equations for the electron distribution function and state populations in non-equilibrium MHD plasmas. 16 p2710 A67-30519
- LYMAN, J.**
Effects of display magnification, proprioceptive cues, control dynamics and trajectory characteristics on compensatory tracking performance. 09 p1456 A67-22372
Independent effects of error magnification and field of view on compensatory tracking performance. 14 p2258 A67-28867
Magnetic bearings - Pivot and journal. [ASLE PREPRINT 67AM 6D-4] 14 p2325 A67-28788
Tracking performance with advanced and delayed visual displays. 16 p2984 A67-34339
Magnetic bearings - Pivot and journal. [ASLE PREPRINT 67AM 6D-4] 22 p3813 A67-40219
- LYMAN, J. T.**
Killing and mutagenic efficiencies of heavy ionizing particles in Arabidopsis thaliana. 06 p0953 A67-18379
- LYMAN, R. C.**
Advances in monolithic integrated circuits. 12 p1916 A67-25995
- LYMAR, G. F.**
Radiative recombination in the space-charge layer of a p-n junction. 04 p0681 A67-15298
- LYMPANY, B. B.**
Influence of grain size-purity relationships on the ability to fabricate beryllium and the resulting mechanical properties. 13 p2139 A67-27127
Micro-alloying beryllium for improved slintering characteristics and mechanical properties. 13 p2140 A67-27130
- LYNCH, C. T.**
Microhardness anisotropy, slip, and twinning in Mo sub 2 C single crystals. 03 p0441 A67-13254
Introduction - The technical potential for metal matrix composites. [ASTM PAPER 1] 18 p3066 A67-34567
Cubic phase stabilization of translucent yttriazirconia at very low temperatures. 24 p4175 A67-42373
- LYNCH, J. F.**
Airborne optical satellite tracking. 16 p2630 A67-31799
- LYNCH, R.**
Synchronized high speed scanning infrared spectrometer. 13 p2121 A67-27353

- LYNCH, R. A.**
The first manned lifting entry vehicle configuration. [AIAA PAPER 66-959] 02 p0332 A67-12287
Variable geometry maneuverable spacecraft. 20 p3532 A67-36560
- LYNCH, R. T.**
Two-electron transitions in the luminescence of excitons bound to neutral donors in gallium phosphide. 06 p1051 A67-18210
- LYNCH, T. J.**
Sequence time coding for data compression. 01 p0028 A67-10022
Performance measures for compressed and coded space telemetry systems. 21 p3586 A67-38950
- LYNCH, T. N.**
Effects of 9-alpha-fluorohydrocortisone and venous occlusive cuffs on orthostatic deconditioning of prolonged bed rest. 01 p0016 A67-10960
Metabolic effects of prolonged bed rest - Their modification by simulated altitude. [SAM-TR-66-296] 07 p1134 A67-19857
- LYNCH, W. T.**
Signal and noise response of high speed germanium avalanche photodiodes. 09 p1475 A67-22200
- LYNDEN-BELL, D.**
On the stability of differentially rotating bodies. 17 p2947 A67-32756
- LYNDS, C. R.**
The absorption spectrum of 3C 191. 08 p1400 A67-21251
A quasi-stellar source with a rapidly expanding envelope. 08 p1400 A67-21253
- LYNESS, J. N.**
Van der Monde systems and numerical differentiation. 08 p1349 A67-21194
Numerical quadrature and asymptotic expansions. 13 p2145 A67-26734
The calculation of Fourier coefficients. 16 p2697 A67-31333
- LYNN, K. J. W.**
Anomalous sunrise effects observed on a long transequatorial VLF propagation path. 16 p2630 A67-31848
- LYNN, M. S.**
The structure of powers of nonnegative matrices. II - The index of maximum density. 01 p0105 A67-10731
- LYNN, R. R.**
Wing-rotor interactions. 06 p0946 A67-17913
Promise of compounding. 11 p1744 A67-24589
- LYNNWORTH, L. C.**
Ultrasonic determination of transport properties of monatomic gases at high temperatures. 15 p2580 A67-29882
Ultrasonic thermometry in solids and gases at elevated temperatures. 18 p3051 A67-34509
- LYNTON, E. A.**
Type II superconductors. 22 p3859 A67-39770
- LYON, C. J.**
Orientation of wheat seedling organs in relation to gravity. 04 p0560 A67-14407
- LYON, E.**
Plasma measurement on Explorer 33. 19 p3319 A67-35245
- LYON, G. F.**
Some closely spaced frequency Faraday rotation satellite observations. 16 p2629 A67-31514
- LYON, I. D.**
Scan-converted bright displays for air traffic control systems. 09 p1528 A67-22635
- LYON, J. A. M.**
Interference reduction methods for antennas on aerospace vehicles. 20 p3405 A67-37642
- LYON, K. J.**
Weapon aiming and the ISIS family. 20 p3364 A67-37244
- LYON, R. H.**
Spatial response concentrations in extended structures. [ASME PAPER 67-VIBR-22] 11 p1872 A67-24181
- LYON, R. J. P.**
Infrared spectral signatures - A field geological tool. 01 p0058 A67-10311
Lunar ground data required for interpretation of AES orbital experiments. 08 p1392 A67-21078
Infrared sensing from spacecraft - A geological interpretation. [AIAA PAPER 67-284] 12 p1938 A67-26001
- LYON, W. D.**
Approximate perturbation treatment of H sub 2 super plus. 03 p0474 A67-14333
Spatial correlation and molecular properties in extended Hartree-Fock calculations. 11 p1824 A67-24993
- LYONS, J. D.**
Uniform-electric-field quadrupole polarizabilities and shielding factors for S-state atoms and ions. 03 p0472 A67-13321
- LYONS, L. E.**
Organic semiconductors. 08 p1372 A67-21506
- LYSENKO, I. A.**
Results of a radar study of the wind regime in the meteor zone. 13 p2110 A67-26552
- LYSENKO, S. V.**
Exobiology and the effect of physical factors on micro-organisms. 15 p2427 A67-29117
- LYSOV, M. I.**
Elastoplastic torsion of hollow thick-walled shells of the blade-spar type /Uprugoplasticheskie kruchenie polykh tolkostennyykh obolochek tipa lonzheronov lopastei/. 22 p3916 A67-40458
- LYTHALL, D. J.**
An effect of magnetic impurities in tunnel junction barriers. 24 p4200 A67-41865
- LYTKIN, I. P.**
Controllability region and correctness of the formulation of an optimal problem /Ob oblasti upravlaemosti i korrektnosti postanovki odnoi optimal'noi zadachi/. 05 p0783 A67-16358
- LYTLE, A. D.**
Dynamics of bellows filled with an incompressible liquid. [AIAA PAPER 67-38] 06 p0986 A67-18262
- LYTTLETON, R. A.**
Dynamical capture of the moon by the earth. 08 p1389 A67-21014
- LYTWYN, R. T.**
An analysis of the divergent vertical helicopter oscillations resulting from the physical presence of the pilot in the collective control loop. 11 p1744 A67-24591
The influence of blade flapping restraint on the dynamic stability of low disk loading propeller-rotors. [AHS PAPER 132] 16 p2777 A67-31846
- LYZHNIKOVA, S. A.**
Effect of the kinetics of elementary processes on the ionization of low-temperature plasma jets with various laws of jet parameter distribution /Vlianie kinetiki elementarnykh protsessov na ionizatsiju sverkhzvukovykh strui nizkoterturnoi plazmy/. 17 p2896 A67-32170

M

MAAG, C. R., JR.

A transient technique for specific heat measurements of non-conductive coatings. 24 p4153 A67-42039

MAAZIK, V.

Influence of outdoor temperature on the indications of Gs-11 gravimeter /Vlianie naruzhnoi temperatury na pokazaniia gravimetra Gs-11/. 20 p3450 A67-37030

MABSON, W. E.

Detailed study of contaminant production in a space cabin simulator at 760 mm of mercury. 15 p2430 A67-29278
Contaminant concentrations in a space cabin simulator at 258 mm Hg. 23 p3964 A67-41559

MABUCHI, H.

Origin of meteorites. 10 p1704 A67-22849
Radioactive nuclides induced by solar cosmic radiation in chondrites /Les nuclides radioactifs induits par le rayonnement cosmique solaire dans les chondrites/. 11 p1858 A67-24058

MABUCHI, I.

Studies on the convective heat transfer from rotating disk. I. 13 p2221 A67-26531

MAC MILLER, C. J.

Mixed missions - Potential improvements in thermal management of hypersonic designs. [SAE PAPER 670354] 17 p2798 A67-32994

MACAGNO, E. O.

Pressure, Bernoulli sum, and momentum and energy relations in a laminar zone of separation. 08 p1323 A67-21389
Development of rotational Couette flow

with non-Newtonian viscosity /Etablissement de l'écoulement rotationnel de Couette avec viscosité non newtonienne/. 09 p1490 A67-22595

MACARTHUR, J. L.

Digital pulse compression radar receiver. 16 p2630 A67-31738

MACCABEE, H. D.

Fluctuations of energy loss in semiconductor detectors. 03 p0491 A67-13224

MACCADDEN, P. B.

Combination torsion and axial compression tests of conical shells. 06 p1110 A67-18858

MACCAMY, R. C.

Existence and nonexistence in the large of solutions of quasilinear wave equations. 18 p3072 A67-34288

MACDONALD, A. D.

Microwave breakdown in gases. 03 p0369 A67-13559

MACDONALD, B. A.

A mechanized aerospace quality/reliability reporting system. 05 p0814 A67-17264

MACDONALD, C. I.

The MECCA system - A modified list processing application for library collections. 02 p0207 A67-11812

MACDONALD, G. H.

Radio emission from the sources 3C 225 and 3C 287. 20 p3521 A67-36296

MACDONALD, G. J. F.

Evidence from the surface configuration of the moon on its dynamical evolution. 08 p1389 A67-21016

Implications for geophysics of the precise measurement of the earth's rotation. 18 p3043 A67-34529

Origin of the moon - Dynamical considerations. 24 p4230 A67-42322

MACDONALD, I. S.

The SST - Economic tightrope for the airlines. [AIAA PAPER 67-749] 23 p3933 A67-40983

MACDONALD, J. A.

Assessment of the flammability of aircraft fluids. 09 p1521 A67-22247

MACDONALD, N. C.

Scanning electron microscope investigation of planar diffused p-n junction profiles near the edge of a diffusion mask. 22 p3855 A67-39360

MACDONALD, R. B.

Manned earth orbital program in earth sensing. 08 p1325 A67-21072

MACDONALD, R. D.

Thermoelectric nuclear fuel elements. 24 p4186 A67-42551

MACDOUGALL, J. W.

The interpretation of ionospheric drift measurements. 01 p0061 A67-11262

MACDOWELL, J. F.

Devitrification of tektite glass. 20 p3527 A67-37274

MACE, R.

Cosmic ray charge spectrometer. 02 p0247 A67-12695

MACEK, A.

Fundamentals of combustion of single aluminum and beryllium particles. 18 p3149 A67-33796

MACEWEN, J. D.

The air oxidation of monomethyl hydrazine. 21 p3578 A67-38841

MACFARLANE, A. G. J.

Formulation of the state-space equations for nonlinear networks. 20 p3407 A67-36332

MACFARLANE, R. R.

Optimizing heat treatments for precipitation hardening superalloys. 07 p1192 A67-20249

MACH, D.

Investigation of the binary systems of manganese with yttrium, samarium, gadolinium, dysprosium, holmium, and erbium by the amalgam method /Untersuchungen an den Systemen des Yttriums, Samariums, Gadoliniums, Dysprosiums, Holmiums und Erbiums mit Mangan unter Benutzung des Amalgamverfahrens/. 07 p1210 A67-20111

MACHA, E.

Processing of measurement results from three-direction strain-gage rosettes with the aid of analog computers /Umrechnung der Messergebnisse aus den tensometrischen Dreirichtungsrosetten mit Hilfe von Analogrechnern/. 09 p1492 A67-21560

MACHADO, F.

Geological evidence for a pulsating gravitation. 17 p2841 A67-32211

- MACHEKHIN, A. M.**
Investigation of the angular distribution of shower particles during high-energy interactions /Issledovanie uglovogo raspredeleniya vlivnelynykh chastits vo vzaimodelstviakh pri vysokikh energiyakh/. 24 p4217 A67-42628
- MACHEN, P. C.**
An appreciation of the requirements of an area control computer. 09 p1531 A67-22654
- MACHIDA, S.**
On the motion of the Shore hammer. 22 p3913 A67-40038
- MACHKALOVA, N. P.**
Electroluminescence spectra of gallium phosphide diodes /O spektrakh elektroluminesentsii diodov na osnove fosfida gallia/. 12 p1914 A67-25438
- MACHLIN, E. S.**
A field ion microscope investigation of oxygen in tungsten. 16 p2693 A67-31873
- MACIA, G.**
Evolution of the recurrent variations of cosmic radiation during the solar cycle /Evolution des variations recurrentes du rayonnement cosmique au cours du cycle solaire/. 04 p0691 A67-14417
- MACIULAITIS, A.**
Magnetoaerodynamic drag and flight control. 14 p2394 A67-29041
Experimental investigation of MHD flows through circular pipes at high Hartmann and Reynolds numbers. 16 p2712 A67-30576
- MACK, C. L.**
Van Allen belt simulation. 06 p0981 A67-18510
[AIAA PAPER 67-177]
Van Allen belt simulation. 15 p2465 A67-29446
[AIAA PAPER 67-177]
- MACK, J. L.**
Vaporization of some amine-type perchlorates. 16 p2619 A67-31536
- MACK, K. W.**
Progress in the development of the ground effect machine /Fortschritte bei der Bodeneffektgeraeteentwicklung/. 11 p1744 A67-24705
- MACK, P. B.**
Tilt table response and blood volume changes associated with fourteen days of recumbency. 07 p1135 A67-19863
- MACKAY, J. W.**
Irradiation damage in n-type germanium at 4.2 deg K. 22 p3862 A67-39997
- MACKAY, T. L.**
Plasma-sprayed dielectric coatings for heat sinks in electronic packaging. 21 p3650 A67-38849
- MACKAY, W. F.**
Annealing of dislocation pinning centers in the temperature range 120 deg to 180 deg K in alkali halide crystals. 02 p0298 A67-11888
- MACKEN, N. A.**
Experimental determination of skin friction in turbulent boundary layers with favorable and adverse pressure gradients. 04 p0609 A67-15818
Interaction of convection and radiation in axisymmetric and two-dimensional stagnation point flow. 16 p2591 A67-30939
- MACKENZIE, C. M.**
Nimbus power systems. 08 p1283 A67-20649
1960-1969.
Solar power systems for satellites in near-earth orbits. 23 p3938 A67-41506
- MACKENZIE, C. T.**
A comparison of uniaxial and biaxial low-endurance fatigue behaviour of two steels. 12 p2015 A67-25421
Push-pull low endurance fatigue of En 25 and En 32B steels at 20 deg C and 450 deg C. 12 p2015 A67-25422
- MACKENZIE, D.**
Automatic filter method in spectrophotometry. 05 p0805 A67-16370
- MACKENZIE, J. D.**
Mechanical properties of selected glass-crystal composites. 11 p1811 A67-24642
Photoconductivity and phototropy in non-crystalline solids. 17 p2913 A67-32373
- MACKENZIE, K. R.**
Characteristics of photoionization plasma source. 09 p1549 A67-22426
- MACKENZIE, L. A.**
Axially symmetric output cavity for high-power klystron. 05 p0780 A67-17534
Properties of noise generation mode of operation of Gunn effect. 09 p1556 A67-22263
Avalanche diode microwave oscillators and amplifiers. 09 p1479 A67-22265
- MACKENZIE, T. E.**
Some techniques and their limitations as related to the measurement of small reflections in precision coaxial transmission lines. 09 p1495 A67-21624
- MACKEOWN, P. K.**
Measurements of the charge ratio of cosmic-ray muons. 01 p0144 A67-10783
The interpretation of the charge ratio of cosmic-ray muons. 03 p0506 A67-13516
- MACKAY, H. J.**
De Haas-Shubnikov oscillations in the Hall effect in arsenic. 16 p2727 A67-30820
- MACKINTOSH, I. W.**
A system for continuous high efficiency pumping of crystal laser rods. 20 p3461 A67-37290
- MACKINVEN, R.**
Combustion of hydrogen and oxygen with ammonia and nitrous oxide - Laminar flame speeds and flammability limits at low pressure for ternary mixtures. 14 p2406 A67-28547
Combustion of hydrogen and hydrazine with nitrous oxide and nitric oxide - Flame speeds and flammability limits of ternary mixtures at sub-atmospheric pressures. 16 p2779 A67-31519
- MACKI, V. N.**
Dispersion-strengthened nickel by compaction and rolling of powder produced by pressure hydrometallurgy. 01 p0097 A67-10697
- MACKLIN, M.**
Water handling in the absence of gravity. 01 p0017 A67-10958
- MACKLIN, R. L.**
Neutron capture and stellar synthesis of heavy elements. 15 p2519 A67-29156
Quantitative tests of s-process in stellar nucleosynthesis for solar system material. 24 p4224 A67-41817
- MACKO, P.**
The influence of neutron irradiation on the variation of certain physical parameters of type Te-Se-Bi and Te-Sb-Bi semiconductors /Vliyanie neitronnogo obлучeniya na izmeneniye nekotorykh fizicheskikh parametrov poluprovodnikov tipa Te-Se-Bi, Te-Sb-Bi/. 19 p3307 A67-35874
- MACKRODT, P. A.**
Spiral flows in the cylindrical annular chamber behind guide vanes /Spiralstroemungen im zylindrischen Ringraum hinter Leitradern/. 23 p3929 A67-41253
- MACLAREN, A. P.**
The U.K. 3 satellite. 22 p3898 A67-39178
- MACLAUGHLIN, D. E.**
Zero-field nuclear spin relaxation and resonance absorption in superconducting aluminum. 19 p3303 A67-35044
- MACLAY, G. J.**
Use of the Curtis-Godson approximation in calculations of radiant heating by inhomogeneous hot gases. 02 p0342 A67-12050
- MACLEAN, D. I.**
The structure of the reaction zones of ammonia-oxygen and hydrazine-decomposition flames. 18 p3155 A67-33838
- MACLEAN, M. A.**
A period modulated carrier technique for data recording. 08 p1298 A67-20662
The Alouette II topside ionospheric sounder. 21 p3583 A67-38636
- MACLEAN, R.**
A fluidic absolute measuring system. 08 p1330 A67-20439
- MACLELLAN, D. C.**
Lincoln experimental satellite program - LES-1, -2, -3, -4. 24 p4242 A67-42906
- MACLENNAN, D. N.**
Full-wave rectifier using F.E.T. switches. 13 p2078 A67-26780
- MACLEOD, N. H.**
Prevention of protein denaturation during exposure to sterilization temperatures. 10 p1597 A67-22928
- MACMAHON, A. B.**
Anomalous diffusion in a weakly turbulent plasma. 22 p3849 A67-39702
- MACMILLAN, A. J. F.**
The rationale of mask-mounted hypoxia warning systems. 23 p3968 A67-41629
- MACMILLAN, H. F.**
Apparatus for spectral bidirectional reflectance measurements during ultraviolet irradiation in vacuum. 03 p0419 A67-13040
[AIAA PAPER 65-872]
- MACNEILL, M.**
Effects of immobilization - Behavioural and EEG changes. 11 p1748 A67-25064
- MACO, W. S.**
An electronically despun switched antenna. 06 p0967 A67-17684
- MACPHERSON, A. C.**
A scheme for the stabilization of certain active networks. 01 p0033 A67-10015
Multiple contact Schottky barrier microwave diode. 05 p0780 A67-17526
Fabrication and characteristics of high power microwave varistor diodes. 16 p2642 A67-31723
- MACPHERSON, A. K.**
A critique of spinning detonation. 19 p3346 A67-35574
- MACPHIE, R. H.**
Coincident arrays for the direct measurement of the principal solution in radio astronomy. 09 p1470 A67-21590
Coherent analog of the compound intensity interferometer. 09 p1493 A67-21609
- MACQUERON, J.-L.**
Measurement of thermal diffusivity by the short signal method /Mesure de la diffusivite thermique par la methode du signal bref/. 24 p4153 A67-41906
- MACQUIVEY, D. R.**
Joint venture approach to practical space utilization. 19 p3350 A67-35651
- MACRAKIS, M. S.**
Cross section for light scattering and the Lorentz-Lorenz formula. 20 p3483 A67-36174
- MACRI, F. J.**
Multiple redundancy applications in a computer. 09 p1469 A67-22301
- MACRIS, C. J.**
On a difference of the chromospheric background intensity between the equatorial and polar regions of the sun. 10 p1711 A67-23800
- MACRITTO, W. L.**
High-strength titanium alloy die forgings. 03 p0446 A67-13552
- MACVICAR-WHELAN, P. J.**
Detection and measurement of precursor ionization in an electromagnetic shock tube. 18 p3091 A67-34727
- MACVICAR, M. L. A.**
Measurement of the anisotropic energy gap in niobium single crystals by tunneling. 22 p3865 A67-40440
- MACZYNSKI, J.**
An isothermal turbulent jet of an incompressible fluid in a coaxial surrounding uniform stream. 19 p3209 A67-35443
- MADANI, H.**
Graphical derivation of trajectories for transistor-tunnel diode logic circuits. 03 p0389 A67-12803
- MADAY, C. J.**
Grazing trajectories and capture of a ballistic vehicle. 08 p1394 A67-21106
The one-dimensional optimum hydrodynamic gas slider bearing. 24 p4162 A67-42670
[ASME PAPER 67-LUB-6]
- MADDALON, D. V.**
Boundary layer transition at hypersonic Mach numbers. 06 p0989 A67-18474
[AIAA PAPER 67-130]
Transition measurements at hypersonic Mach numbers. 08 p1320 A67-20584
- MADDEN, J. L.**
Cost-effective maximum times for aircraft engines. 01 p0141 A67-11340
- MADDEN, P. A.**
Angle-of-attack distribution of a high speed helicopter rotor. 16 p2590 A67-30930
- MADDEN, R. P.**
Autoionization spectra of the noble gases. 03 p0471 A67-13223
Instrumental aspects of synchrotron XUV spectroscopy. 11 p1788 A67-23965
Reflective scattering from substrates and evaporated films in the far ultraviolet. 11 p1819 A67-24666
- MADER, P. P.**
Control of trace contaminants from candidate materials in space cabin atmospheres. 02 p0189 A67-12388
Contaminant control in space cabins - Approach and results. 21 p3577 A67-38077
- MADER, S.**
Effect of substrate temperature on structure of evaporated alloy thin films. 02 p0287 A67-11716
- MADGWICK, T.**
A look at aircraft fire precautions and protection. 09 p1439 A67-21704
- MADHAVAN, D.**
Nonlinear effects produced by Raman maser radiations. 02 p0252 A67-12052

- MADIAROV, R. Z.**
Preliminary results of a study of the spatial rigidity distribution of cosmic-ray intensity by the SibIZMIR-AN-SSSR expedition in 1965 /Predvaritel'nye rezul'taty issledovaniia ekspeditsiei SibIZMIR AN SSSR v 1965 g. prostranstvenno-zhestkostnogo raspredeleniia intensivnosti kosmicheskikh luchei/. 05 p0881 A67-16124
- Preliminary results of a study of the cosmic-ray distribution in the Eastern part of the USSR by a SibIZMIR expedition /Predvaritel'nye rezul'taty issledovaniia ekspeditsiei SibIZMIR raspredeleniia kosmicheskikh luchei v vostochnoi chasti SSSR/. 23 p4060 A67-41138
- Preliminary results of investigation of the spatial-rigidity distribution of cosmic ray intensity by the 1965 expedition of the Siberian Institute of Terrestrial Magnetism, the Ionosphere and Radiowave Propagation of the USSR Academy of Sciences. 24 p4215 A67-42800
- MADJAR, N.**
Realization and application of some high-speed circuits with semiconductor detectors /Realisation et application de quelques circuits rapides associes a des detecteurs a semiconducteur/. 01 p0066 A67-10654
- MADORE, J.**
Energy-impulse vector of a body in a gravitational field /Le vecteur energie-impulsion d'un corps dans un champ gravitationnel quelconque/. 04 p0658 A67-15494
- MADRI, P. P.**
Isolation of *Acinetobacter anitratus* /debord/ Briso and Prevot, from room areas and a human subject in a controlled activity facility. 21 p3573 A67-38072
- MADSEN, W. A.**
Machine computation of trigonometric expansions. 03 p0524 A67-13788
- MADUEV, V. L.**
Investigation of cosmic radiation by the Luna-10 artificial satellite /Issledovanie kosmicheskogo izlucheniia na iskusstvennom sputnike Luna-10/. 01 p0145 A67-10906
- Study of soft corpuscular radiation by the lunar satellite Luna-10 /Izuchenie mialkoi korpuskuliarnoi radiatsii na sputnike luny Luna-10/. 01 p0145 A67-10907
- Study of corpuscular radiation by the Luna 10 space vehicle /Izuchenie korpuskuliarnoi radiatsii na kosmicheskoi apparate "Luna-10"/. 05 p0875 A67-16053
- Measurement of corpuscular radiation on the space probe Luna-10. 21 p3697 A67-37840
- MAEDA, H.**
A method to optimize the stability of a linear dynamic system. 05 p0845 A67-16437
- Rocket observations of temperatures and winds in the upper atmosphere - A survey. 05 p0797 A67-18856
- On the ground effect of static circular peripheral jet. 15 p2415 A67-29262
- On the heaving motion of circular peripheral jet ground effect machines. 19 p3172 A67-34867
- Lunar ionospheric winds deduced from the dynamo theory of geomagnetic variations. 20 p3425 A67-36281
- Pitching characteristics of peripheral jet ground effect machines. 22 p3745 A67-39837
- MAEDA, K.**
Equatorial spread-F and tropospheric tropical disturbances. 04 p0612 A67-14653
- Design of ionospheric rocket experiments. 12 p1937 A67-25838
- Quasi-biennial cycles in cosmic ray intensity. 15 p2549 A67-29203
- Rocket observation of the nighttime ionosphere using the VLF Doppler technique. 19 p3215 A67-35180
- MAEDA, M.**
Figure of merit of high-frequency transistors. 04 p0585 A67-15501
- Effect of the emitter barrier capacitance on $f_{sub\alpha}$ and f_{subT} of drift transistors. 04 p0585 A67-15502
- Design consideration of base impurity distribution for figure of merit of high-frequency transistors. 20 p3398 A67-36770
- MAEDING, C. E.**
Spacecraft electrical connector quality criteria. 09 p1480 A67-22295
- MAEHLUM, B.**
On the "winter anomaly" in the midlatitude D region. 14 p2310 A67-28043
- MAEKAWA, S.**
Si-Si oxide interface. 02 p0293 A67-11751
- Electron spin resonance of phosphorus doped silicon in the metallic conduction region. 06 p1068 A67-18972
- MAENHOUT, A. G.**
Comparison of radiosondes by pairing /Comparaison des radiosondes par jumelage/. 04 p0625 A67-15606
- MAER, S.**
On the uniqueness of the adjustment in defining the dynamic characteristics with the help of self-adjusting model. 15 p2464 A67-30339
- MAERGOIZ, L. S.**
Relations among various definitions of the orders of integral functions of many variables /K voprosu o svyazakh mezhdu razlichnyimi opredeleneniami poriadkov tselykh funktsii mnogikh peremennykh/. 06 p1024 A67-18554
- The relations between the various definitions of the order of entire functions of several variables. 23 p4022 A67-40820
- MAESS, G.**
Asymptotic behavior of the solution of the modified van der Pol differential equation /Asymptotisches Verhalten der Loesungen der modifizierten van der Polschen Differentialgleichung/. 17 p2878 A67-32712
- MAESTRE, L. A.**
Satellite range measurements with a laser at an astrophysical observing station. 10 p1806 A67-23182
- MAESTRE, N. E.**
A report on the application of data abbreviation on actual range telemetry data. 02 p0197 A67-12017
- MAESTRELLO, L.**
Design criterion for minimum structural response and sound radiation of a panel excited by a turbulent boundary layer. [AIAA PAPER 67-12] 06 p0985 A67-18256
- Use of turbulent model to calculate the vibration and radiation responses of a panel, with practical suggestions for reducing sound level. 15 p2574 A67-29770
- MAETIN, F. H.**
Closed-loop near-optimum/steering for a class of space missions. 01 p0154 A67-11156
- MAEV, S. A.**
Heat transfer in a rarefied gas /Perenos tepla v razrezhenom gaze/. 11 p1881 A67-24028
- MAEVA, S. V.**
Thermal history of the earth /O termicheskoi istorii zemli/. 13 p2110 A67-26453
- MAEVSKII, V. M.**
Interband transitions in molybdenum /Mezhdupolnosnye perekhody v molibdene/. 20 p3466 A67-36865
- Study of the concentration dependence of the EPR of Mn super 2 super plus in CdTe single crystals. 23 p4042 A67-41294
- MAEZONO, K.-I.**
Star system. II. 13 p2067 A67-26718
- MAFEI, A. R.**
Development of the Surveyor Vernier propulsion system. [AIAA PAPER 66-593] 08 p1413 A67-21516
- MAFFETT, A. L.**
Moment synthesis of array factors with nonuniform spacing and amplitude parameters. 18 p3012 A67-34430
- MAFFIOLI, F.**
Recommendation of an adaptive antenna for the ground reception of wideband RF signals in space-communications systems /Proposta di un' antenna adattativa per la ricezione a terra di segnali RF a larga banda in sistemi di comunicazioni spaziali/. 08 p1301 A67-20776
- MAGALIAS, V. I.**
Influence of the surface on the characteristics of injection semiconductor lasers /Vliianie poverkhnosti na kharakteristiki inzhektionsionnykh poluprovodnikovykh kvantovykh generatorov/. 01 p0087 A67-10077
- Self modulation of emission from an injection semiconductor laser. 06 p1009 A67-17756
- Effect of the surface on the characteristics of injection-type semiconductor lasers. 08 p1339 A67-21455
- MAGALINSKII, V. B.**
Statistical properties of the output signal of an electron-beam quadrupole amplifier of the quasi-degenerate type. 05 p0785 A67-17162
- MAGARILL, L. I.**
Phenomenological theory of the longitudinal Hall effect. 04 p0681 A67-15291
- MAGDA, I. N.**
Capacitance transducers with transverse bending plates /Emkostnye preobrazovateli s poperechnoizgibalushchimisla obkladkami/. 01 p0063 A67-10416
- MAGDALENO, R. E.**
Pilot describing function measurements in a multiloop task. 17 p2808 A67-33177
- MAGDASIEV, O. L.**
Investigation of a stabilized annular discharge in argon /Issledovanie stabilizirovannogo kol'tseвого razriada v argone/. 09 p1547 A67-22319
- Investigation of the electrodeless ring discharge in argon and air /Issledovanie bezelektrodnogo kol'tseвого razriada v argone i v vozduke/. 17 p2897 A67-32174
- MAGDICH, L. N.**
Laser mode interaction in the course of Q-switching. 09 p1513 A67-22065
- Determination of the shape of the pulses generated by a gas laser with mutual synchronization of intermodal beats. 15 p2500 A67-29760
- Laser mode synchronization by dielectric constant modulation. 23 p4013 A67-40903
- MAGEE, C. J.**
Temporal-line shift of pulsed GaAs sub 1-sub x P sub x injection laser diodes. 13 p2125 A67-26513
- MAGEE, R. S.**
Flame spreading over the surface of igniting solid rocket propellants and propellant ingredients. 06 p1073 A67-18852
- Flame spreading at elevated pressures over the surface of igniting solid propellants in oxygen/inert environments. 19 p3344 A67-34999
- A criterion for space capsule fire hazard minimization. 22 p3904 A67-40110
- MAGER, A.**
Damping rods for magnetic-field stabilized satellites /Daempfungsstaebe fuer magnetfeldstabilisierte Satelliten/. 12 p2011 A67-25212
- Stabilization of earth satellites with soft magnetic alloys /Stabilisierung von Erd-Satelliten mit weichmagnetischen Legierungen/. 21 p3713 A67-38375
- MAGERRAMOVA, F. G.**
Study of the effect of deformation on the electric and thermal properties of the compound BiTe /Issledovanie vlianiia deformatsii na elektricheskie i teplovyte svoystva soedineniia BiTe/. 16 p2730 A67-31160
- Investigation of the effect of deformation on the electrical, thermal, and mechanical properties of the compound SnTe /Issledovanie vlianiia deformatsii na elektricheskie, teplovyte i mekhanicheskie svoystva soedineniia SnTe/. 16 p2730 A67-31165
- MAGGIO, T.**
Electronically scanned antenna systems. I. 04 p0596 A67-15049
- MAGIDSON, I. A.**
Transfer phenomena in liquid semiconductors of the Ti-S system /Iavishcha perenosu v ridskikh naplyvovidnikakh sistemi Ti-S/. 09 p1553 A67-21906
- MAGIE, P. M.**
Properties and potentials of heavy-metal-derivative solid lubricants. [ASLE PAPER 66AM 2B3] 04 p0627 A67-14707
- MAGILL, D. T.**
Multiple-access modulation techniques. 06 p0980 A67-17694
- MAGILL, J. H.**
Physical properties of aromatic hydrocarbons. I. 06 p1019 A67-17827
- Physical properties of aromatic hydrocarbons. II. 17 p2809 A67-33255
- MAGIROS, D. G.**
Stability concepts of dynamical systems. 02 p0268 A67-12502
- Motion in a Newtonian force field modified by a general force. II. 16 p2745 A67-30744
- MAGLIERI, D. J.**
The nature, measurement, and control of sonic booms. 09 p1439 A67-21942
- Research approaches to alleviation of airport community noise. 13 p2053 A67-26539
- MAGNAN, C.**
Infrared stars and stars in formation /Etoiles infrarouges et etoiles en formation/. 03 p0512 A67-13888

- MAGNASCO, V.**
Quantum mechanics of the H sub 2 -H sub 2 interaction. I. 17 p2890 A67-33262
- MAGNUS, K.**
Acceleration-dependence of gravity pendulums and gyroscopic compasses as vertical indicating devices /Die Beschleunigungsabhaengigkeit der Vertikalanzeige von Schwebependel und Lotkreisel/. 01 p0064 A67-10644
- MAGNUSKI, H.**
Taming the troposphere. 16 p2628 A67-31492
- MAGMEDOV, I. A. B.**
Thermal conductivity of semiconductors of A super III B super V compounds in solid and liquid states /Teploprovodnost' naplivo-providnikovikh spolkov A super III B super V u tverdomu i ridskomu stanakh/. 11 p1851 A67-24975
Effect of a change in the type of chemical bonds on the thermal conductivity, microhardness, and thermal EMF of semiconductors /Vlianie izmeneniya tipa khimicheskoi svyazi na teploprovodnost', mikroverdstoi i termoefts poluprovodnikov/. 18 p3096 A67-33451
- MAGMEDOV, K. M.**
Calculation of unknown surfaces in the spatial method of characteristics /O raschete lskomykh poverkhnostei v prostranstvennykh metodakh kharakteristik/. 07 p1125 A67-19141
Calculation of surfaces in the space method of characteristics. 17 p2840 A67-33213
Calculation of a three-dimensional flow past blunt cones by a method of characteristics, taking into account physicochemical equilibrium conversions /Raschet prostranstvennogo obtekanila prituplennykh konusov metodom kharakteristik s ucheto m ravnovesnykh fiziko-khimicheskikh prevrashchenii/. 18 p2984 A67-34213
Supersonic three-dimensional flow around a triangular wing with blunted edges /O sverkhzvukovom prostranstvennom obtekanii treugol'nogo kryla s prituplennymi kromkami/. 22 p3741 A67-40025
- MAGMEDOV, KH. A.**
Effects of doping on the growth rate and morphology of epitaxial gallium arsenide. 06 p1047 A67-17552
Influence of preparatory surface treatment of gallium arsenide substrates on the perfection of autoepitaxial layers growing on them. 21 p3685 A67-38972
- MAGMEDOV, N. N.**
Influence of preparatory surface treatment of gallium arsenide substrates on the perfection of autoepitaxial layers growing on them. 21 p3685 A67-38972
- MAGRI, A.**
PCM telemetry for ELDO satellite test vehicle. 06 p0957 A67-17813
- MAGRUDER, W. M.**
Developments associated with advanced commercial aircraft crew requirements. [AIAA PAPER 67-399] 15 p2433 A67-30366
- MAGUIRE, B. L.**
Visualization technique for low-density flow fields. 11 p1790 A67-24450
The effective spatial resolution of the electron beam fluorescence probe in helium. 14 p2317 A67-28196
- MAGUIRE, J. J.**
The energy of confinement of a shielded magnetic dipole field. 06 p1030 A67-17858
- MAGYAR, G.**
Intensity dependent frequency shift in ruby laser giant pulses. 01 p0088 A67-10251
Simple giant pulse ruby laser of high spectral brightness. 12 p1953 A67-25984
Optical sum generation of the two-frequency output of a giant pulse ruby laser. 20 p3458 A67-36389
A tunable, two frequency output, giant pulse ruby laser. 23 p4015 A67-41038
- MAH, G. B. J.**
Numerical analysis of noncircular cylindrical shells. 15 p2578 A67-30272
- MAHADEVA, K.**
Human aspects in welding practice. 05 p0756 A67-16072
- MAHAJAN, K. K.**
Determination of loss coefficient and vertical transport velocity in the ionospheric F-region. 06 p0995 A67-17971
F-region effects following two severe magnetic storms over Delhi. 06 p0995 A67-17972
Extent of thermal non-equilibrium in the

- ionosphere. 21 p3618 A67-37999
10.7 cm-solar radio flux and ionospheric temperatures. 21 p3618 A67-38000
- MAHALANABIS, A. K.**
Signal stabilization of a memory type nonlinearity. [ASME PAPER 66-WA/AUT-1] 04 p0593 A67-15421
Method of statistical linearisation - Its application for evaluation of the response of a hysteretic system to Gaussian inputs. 04 p0593 A67-15637
- MAHALINGAM, S.**
Receptance methods in the iterative solution of torsional vibration problems. 01 p0164 A67-11271
- MAHAN, G. D.**
Electron tunneling in metal-semiconductor barriers. 02 p0280 A67-11483
Tunneling spectroscopy in GaAs. 22 p3861 A67-39996
- MAHBUBUL ALAM, A. S. M.**
Evidence of phonon annihilation processes in the excited states of BaClF-Sm super 2 super plus. 24 p4205 A67-42737
- MAHER, F. J.**
Model studies of wind loads on flat-top cylinders. 20 p3421 A67-36781
- MAHIEU, W.**
Mechanical behavior of beryllium wire reinforced plastic composites. 03 p0442 A67-13404
Yielding phenomena in beryllium wire plastic composites. 08 p1341 A67-20428
- MAHLE, C.**
Reflection measurements with broadband frequency modulation using long transmission lines. 02 p0193 A67-11783
- MAHN, C.**
Measurements on a stationary DC hydrogen arc with flow in an axial magnetic field. 19 p3274 A67-35103
- MAHON, A. F.**
Radiosotopes for lighting. 05 p0842 A67-16543
- MAHON, B. E.**
The mechanization of flight test engineering analysis. 13 p2052 A67-26423
- MAHONEY, J.**
Research on a charged particle bipolar thruster. [AIAA PAPER 67-728] 21 p3694 A67-38752
- MAHONEY, J. J.**
Data transmission capabilities of Mars probes and landing capsules. [AAS PAPER 66-62] 07 p1146 A67-19998
- MAHONEY, J. R.**
Numerical studies of seasonal and latitudinal variability in a model thermosphere. 06 p0996 A67-18564
- MAHOOTIAN, N.**
Vanadium charge compensator site in laser CaWO sub 4. 04 p0633 A67-15306
- MAHR, R.**
The automatic antenna position control system for the ATS synchronous orbit spin-stabilized satellite. 01 p0156 A67-11426
- MAHUGH, R. A.**
Adapting the Jarrell-Ash model 75 spectrograph for time-resolved spectroscopy. 03 p0426 A67-14401
- MAIATSKII, V. I.**
Maximum gain of antennas composed of discrete propagation elements /O maksimal'nom koeffitsiente usileniya antenn, sostolashchikh iz diskretnykh izluchatelei/. 20 p3398 A67-36775
- MAIDANIK, G.**
Energy dissipation associated with gas-pumping in structural joints. 05 p0924 A67-17285
Design of a sonic pressure gauge. 21 p3630 A67-38787
- MAIDANOVSKAIA, L. G.**
Heats of adsorption of gases on semiconductors of the zinc blende type. 03 p0496 A67-13646
- MAIDEN, C. J.**
Impact physics, meteoroids, and spacecraft structures. 04 p0705 A67-15000
- MAIER, A. G.**
Qualitative theory of second-order dynamic systems /Kachestvennaya teoriya dinamicheskikh sistem vtorogo poriadka/. 03 p0390 A67-13109
- MAIER, E. J. R.**
Thermal plasma measurements within the magnetosphere. 10 p1649 A67-23295
- MAIER, G.**
Elastic-plastic continua containing unstable elements obeying normality and convexity

- relations. 04 p0708 A67-14622
- MAIER, R. G.**
Anodic oxidation of vanadium-gallium alloys /Anodisches Oxydieren von Vanadium-Gallium-Legierungen/. 23 p4036 A67-40713
- MAIKAPAR, G. I.**
A wing with the maximum lift/drag ratio at supersonic velocity. 07 p1127 A67-20035
Optimum shape of lifting bodies at hypersonic speeds /O nalygodneishel forme nesushchikh tel pri giperzvukovykh skorostakh/. 14 p2239 A67-27983
Selection of a wing shape for hypersonic velocities /Vybor formy kryla dlia giperzvukovykh skorostei/. 22 p3741 A67-40015
- MAILLARD, J. P.**
Astronomical spectroscopy by Fourier transformation /Spectroscopie astronomique par transformation de Fourier/. 20 p3438 A67-36345
- MAIMAN, T. H.**
Laser applications. 17 p2868 A67-32691
- MAINFRAY, G.**
Research on ion propulsion /Recherches sur la propulsion ionique/. 04 p0689 A67-15021
Study of ionization by an electromagnetic wave near the electron cyclotron resonance /Etude de l'ionisation par une onde electromagnetique au voisinage de la resonance cyclotron des electrons/. 19 p3276 A67-35116
- MAINS, R. C.**
Plethysmographic determination of leg volume changes during lower body negative pressure. 23 p3955 A67-41619
- MAINSTONE, J. S.**
Plasma resonances of the magnetosphere. 21 p3619 A67-38513
- MAINSTONE, R. J.**
Dynamic measurements on an experimental helicopter platform and on the Moat Street Flyover, Coventry. 11 p1880 A67-25056
- MAIO, D. A.**
Effect of chemically inert gases on oxygen consumption in living tissues. 23 p3960 A67-41706
- MAIOFFS, Z. B.**
Laws of thermal explosion. II. 06 p1112 A67-17962
- MAIOROV, A. N.**
New apparatus for gamma flaw detection. 13 p2122 A67-26254
- MAIR, B. A.**
Reliability and accelerated life testing. 08 p1302 A67-20906
- MAIR, W. N.**
Experiments on the accommodation of normal momentum. 13 p2098 A67-26945
- MAISE, G.**
Mixing length and kinematic eddy viscosity in a compressible boundary layer. [AIAA PAPER 67-199] 06 p0987 A67-18324
- MAISENHAELDER, F.**
The energy balance of electric arcs without and with superimposed gas flow. [DVL-626] 19 p3280 A67-35146
- MAISKII, I. N.**
Biological investigations on the "Voskhod" and "Voskhod-2" space-ships. 14 p2254 A67-27864
- MAISONNET, M.**
Germ samplings at high altitude - First results /Prelevements de germe en altitude - Premiers resultats/. 23 p3963 A67-41072
- MAISONNEUVE, J.**
Evaluation of some results of tests on the body of revolution in supersonic flight /Exploitation de quelques resultats d'essais en vol hypersonique d'un corps de revolution/. 13 p2051 A67-27291
- MAISURADZE, P. A.**
Radial dimensions of the corpuscular flux from chromosphere flares and the duration of the earth's stay in the flux /O radial'noi protiazhenosti korpuskularnogo potoka iz khromosfernoi vspyski i vremeni nakhozhdeniya zemli v korpuskularnom potoke/. 02 p0306 A67-11853
Polar disturbance field of high latitudes /Pole pollarnykh vozmushchenii vysokikh shirot/. 14 p2309 A67-27942
Radial extent of a corpuscular stream from a chromospheric flare and the time the earth remains in the corpuscular stream. 16 p2738 A67-31068
- MAITI, M. K.**
Free convection oscillatory flow from a horizontal plate. 17 p2969 A67-32445

- MAITLAND, A.**
Vacuum as an insulator. 15 p2516 A67-29200
- MAIZIERES, C.**
Uniqueness of the response of a nonlinear continuous system /Sur l'unicité de la réponse d'un système continu non linéaire/. 18 p3017 A67-34185
- MAIZIERS, C.**
Closed-loop control with any magnitude of pure delay obtained by sampling /Asservissement à une grandeur quelconque d'un retard pur obtenu par échantillonnage/. 12 p1919 A67-25203
- MAJEROWICZ, J.**
An improved high-counting-rate balloon-borne particle detector. 04 p0621 A67-14899
- MAJEWSKI, Z.**
Silicon-gold potential barriers made by local sputtering method. 17 p2916 A67-32809
- MAJLIS, N.**
Monte Carlo calculations of the impurity band states in a degenerate semiconductor. 09 p1558 A67-22618
- MAJUMDAR, H. H.**
Causes of strain birefringence around the notches in moldavites. 21 p3704 A67-38506
- MAJOROS, J.**
Solid boost thrust decay control for stage separation. [AIAA PAPER 66-971] 02 p0304 A67-12293
Vapor removal from engine duct in orbital environment. [AIAA PAPER 66-975] 02 p0305 A67-12297
Description of orbital heat transfer mechanism based on S-IVB-203 flight data evaluation. 12 p2034 A67-25721
- MAK, A. A.**
Means of increasing the Q-factor of the resonator cavity of a neodymium laser /Ob odnoi vozmozhnosti uvelicheniya dobrotnosti rezonatora neodimovogo opticheskogo kvantovogo generatora/. 13 p2130 A67-27629
Solid-state lasers /Tverdotel'nye opticheskie kvantovye generatory/. 20 p3462 A67-37547
Angular divergence of solid state laser radiation. 21 p3640 A67-38367
One possibility of increasing the Q of the resonator of a neodymium laser. 21 p3642 A67-38825
- MAK, T. C. W.**
Polyhedral clathrate hydrates. XIII. 22 p3757 A67-39634
- MAK, T. H.**
Filters for high-speed diode modulators and demodulators. 19 p3196 A67-35659
- MAKARENKO, I. N.**
Thermal properties of molybdenum at high temperatures. 09 p1517 A67-21866
- MAKARENKO, V. V.**
Recombination processes in ZnTe-Al single crystals /Rekombinatsii protsesi v monokristalakh ZnTe-Al/. 02 p0300 A67-12478
- MAKAREVICH, G. A.**
Flux shaping in an electromagnetic shock tube /O formirovani potoka v elektromagnitno udarnoi trube/. 09 p1485 A67-22324
- MAKAREVICIUS, V. I.**
The laminar boundary layer on a wedge-shaped surface for a power-law velocity distribution at the outer edge of the boundary layer. 20 p3421 A67-36824
- MAKAROUNIS, O.**
Heat capacity by the radiant energy absorption technique. [AIAA PAPER 67-303] 12 p1958 A67-26018
- MAKAROV, A. K.**
Dependence of the static current amplification factor of a transistor on its operating conditions in switching circuits /Zavisimost' staticheskogo koeffitsienta usileniya po toku tranzistora ot rezhima ego raboty v pereklichalushchikh skhemakh/. 13 p2075 A67-26347
- MAKAROV, A. M.**
Magnetohydrodynamic Couette flow of viscoplastic media /Magnitogidrodinamicheskoe techenie Kuetta viazko-plasticheskikh sred/. 06 p1044 A67-18680
- MAKAROV, G. I.**
Some new asymptotic representations of the Whittaker functions /Nekotorye novye asimptoticheskie predstavleniya funktsii Ul'tekera/. 21 p3652 A67-38109
Application of the standard-equation method to the study of the propagation of electromagnetic waves in an inhomogeneous anisotropic medium /Primenenie metoda etalonnykh uravnenii k izucheniu rasprostraneniya elektromagnitnykh voln v neodnorodnoi anizotropnoi srede/. 21 p3579 A67-38111
The quasi-static approximation in the problem of the diffraction of waves on a sphere /O kvazistaticheskoi priblizhenii v zadache difraktsii voln na sfere/. 21 p3580 A67-38121
- MAKAROV, I. S.**
Mixing of intersecting turbulent jets. 04 p0809 A67-15592
A system of plane turbulent jets. 24 p4143 A67-42285
- MAKAROV, I. U. V.**
Thermodynamic and gas dynamic parameters of a low-temperature plasma /Termodinamicheskie i gazodinamicheskie parametry nizkoterperaturnoi plazmy/. 17 p2894 A67-32148
- MAKAROV, N. I.**
Heating of a two-layer plate in laser-beam welding. 05 p0814 A67-17548
Allowance for the effect of a nonideal contact during laser welding of different materials /K uchetu vlianiya neideal'nosti kontakta pri svarke lazerom raznorodnykh materialov/. 18 p3053 A67-33630
- MAKAROV, V. D.**
Study of the phase and structural transformations in metals and alloys with the aid of exoelectronic emission /Izuchenie fazovykh i strukturnykh prevrashchenii v metallakh i splavakh s pomoshch'yu ekzoelektronnoi emissii/. 07 p1201 A67-19257
- MAKAROV, V. I.**
The non-radial structure of corona 5303 angstrom units following proton flares. 03 p0507 A67-13810
Calculation of disks produced by a continuous fiber-winding process /Raschet diskov, izgotovlennykh metodom nepreryvnoi namotki niti/. 19 p3234 A67-34873
- MAKEEV, A. I.**
Effect of variation in contact resistance on the readings of strain gages in strength tests /Vlianie izmeneniya perekhodnogo soprotivleniya na pokazaniya tenzodatchikov pri prochnostnykh issledovaniyakh/. 02 p0340 A67-12444
Effect of the strain field and the strain-gage mounting angle on the measurement error in strength tests /Vlianie polia deformatsii i ugla ustanovki tenzodatchika na pogreshnost' izmerenii pri prochnostnykh ispytaniyakh/. 21 p3628 A67-38049
Use of epoxy resin for bonding tensometers and for sealing under conditions of high humidity and in underwater operations /Primenenie epoksidnoi smoly dlia nakleiki tenzometrov i gidrozollatsii v usloviyakh povyshennoi vlazhnosti i pri rabote pod vodoi/. 21 p3650 A67-38919
- MAKEEV, E. M.**
Stability of a cylindrical shell under uniform external load applied to a portion of its length /Ob ustoiichivosti tsilindricheskoi obolochki, nagruzhennoi ravnomernym vneshnim davleniem na chast' ee dliny/. 12 p2020 A67-25572
- MAKHALOV, P. N.**
Role of capillary phenomena in the distribution of liquid binders in carbon-graphite compacts /O roli kapillyarnykh effektiv v raspredelenii zhidkikh svyazulushchikh veshchestv v uglegrafitovykh pressovkakh/. 11 p1810 A67-23900
- MAKHANKOV, V. G.**
Surface waves in a current-carrying plasma of finite radius /O poverkhnostnoi volne v plazme s tokom ogranichennoyu radiusa/. 02 p0277 A67-12614
Surface wave in a current-carrying plasma of finite radius. 13 p2170 A67-27370
Oscillations of a confined /cylindrical/ plasma with a hot electron current /O kolebaniyakh ogranichennoi /tsilindricheskoi/ plazmy s gorlachim elektronnyim tokom/. 15 p2531 A67-30072
- MAKHLIN, R. E.**
Determination of the degree of coupling of a cavity-type resonant two-terminal network with a microwave transmission line /Opredelenie stepeni svyazi ob'emnogo rezonansnogo dvukhpolutnitsa s liniy peredachi na SVCh/. 18 p3010 A67-33508
- MAKHMUDOV, Z.**
Generation of particles on the sun during luminance increases and flares for various periods of solar activity /Generatsiya chastits na solntse vo vremya polarchanii vspyshek v razlichnyye periody solnechnoi aktivnosti/. 23 p4057 A67-41116
- MAKHENKO, V. I.**
Elastoplastic state of an unbounded thin plate during arbitrary axisymmetric heating /Uprugoplasticheskoe sostoyanie v neogranichennoi tonkol plastine pri proizvol'nom osesimmetrichnom nagreve/. 05 p0912 A67-16179
Thermoplasticity problem for a circular cylindrical shell subjected to arbitrary axisymmetric heating /Zadacha termoplastichnosti dlia krugovoi tsilindricheskoi obolochki pri proizvol'nom osesimmetrichnom nagreve/. 12 p2023 A67-25593
- MAKHORTYKH, ZH. K.**
Oscillations of a plate /a wing/ containing cavities filled with a moving fluid /Kolebaniya plastinki /kryla/ s polostyami, zapolnennymi dvizhushchiesya zhidkost'yu/. 03 p0530 A67-14173
- MAKHOVNIKOV, V. I.**
Solution of the dynamic thermoelastic problems for a body of revolution with a cut /O reshenii dinamicheskikh zadach termouprugosti dlia tela vrascheniya s vrezom/. 05 p0810 A67-16228
Solution of three-dimensional temperature problems by introducing functional parameters /Reshenie prostranstvennykh temperaturnykh zadach putem vvedeniya funktsional'nykh parametrov/. 23 p4083 A67-41290
- MAKI, A. G.**
On the explanation of the so-called CN laser. 20 p3458 A67-36391
Interpretation of the CS sub 2 laser transitions. 23 p4011 A67-40789
- MAKI, E. R.**
Magnetohydrodynamic lubrication flow between parallel plates. 04 p0627 A67-14461
The magnetohydrodynamic thrust bearing. 24 p4162 A67-42566
- MAKI, K.**
Tomasch effect as a probe of the dispersion relation of electrons in "gapless" superconductors. 01 p0130 A67-10154
Anomalous scattering by magnetic impurities in superconductors. 07 p1235 A67-20129
Anisotropy in tunneling density of states in pure type-II superconductors. 14 p2365 A67-28294
Theory of pure type-II superconductors in high magnetic fields. II. 14 p2370 A67-28721
Thermal conductivity of pure type-II superconductors in high magnetic fields. 17 p2925 A67-33376
Fluctuations of the order parameter in type-II superconductors. 19 p3302 A67-35038
I. Fluctuations of the order parameter in type-II superconductors. 19 p3302 A67-35039
II. 19 p3302 A67-35039
- MAKINO, T.**
On the spin characteristics of recent airplanes and methods for predicting them. 09 p1439 A67-21836
- MAKIOS, W.**
New microwave interferometric device using Lecher wires for high spatial resolution. 10 p1658 A67-23785
Microwave investigations on T-tube shock waves with a 4 mm interferometer of extremely high space resolution. 19 p3230 A67-35395
- MAKITA, M.**
On the two component model of sunspot umbrae. 13 p2203 A67-27427
The scattering function obtained from a partial solar eclipse. 14 p2386 A67-28475
- MAKKAJEV, V. I.**
Relationship between signals and noise in photon channels of pulse modulated optical communication /Relations entre signaux et bruits dans les voies photoniques de communication optique a modulation d'impulsions/. 13 p2067 A67-26663
- MAKLEY, T. A., JR.**
Absorption of gases from the anterior chamber of the eye - Aeromedical implications. 23 p3950 A67-41536
- MAKOFSKI, R. A.**
Low-altitude hypersonic flow simulation by means of a supersonic compressor. 02 p0229 A67-11933
Considerations in the design and performance of hypersonic gun tunnels. 12 p1926 A67-26129
A high pressure hypersonic gun tunnel. 21 p3607 A67-37779

MAKOSCH, G.

Direct observation of combination tones due to third order polarization of an active laser medium. 09 p1511 A67-21747

MAKOSCH, H.

Measurements of changes in length of 10 super -11 cm by optical heterodyning. 23 p4014 A67-41031

MAKOV, N. V.

Solar thermoelectric generator with cylindrical solar-energy receiver /Solnechnyi termogenerator s tsilindricheskimi gelopriemnikami/. 18 p2990 A67-34491

MAKOVETSKAIA, L. A.

Forbidden bandwidth and linear-expansion coefficient of InP-GaAs semiconductor alloys /Shirina zapreshchennoi zony i koeffitsient lineinogo rasshireniia poluprovodnikovykh splavov InP-GaAs/. 18 p3095 A67-33447

MAKOVETSKII, P. V.

Stroboscopic distortions during uniformly accelerated motion /"blind" accelerations/ /Stroboskopicheskie iskazheniia pri ravnouskorennom dvizhenii /"slepye" uskoreniiia/. 11 p1757 A67-23917

On the meteor danger at the antiradiant of a meteor stream. 12 p2002 A67-25656

Stroboscopic distortions for equiaccelerated motion /"blind" accelerations/. 21 p3601 A67-38945

A correlation meter of the velocity of a motion of a plant in an electromagnetic field /Korelatsionnyi vimiriuvach shvdkosti rukhu ob'ekta v elektromagnitnomu polle/. 21 p3631 A67-39115

MAKOVVOZ, I. I.

Reflection coefficient for a waveguide with a large number of discontinuities. 22 p3770 A67-39661

MAKOWSKI, K.

Optimal control of linear systems in the presence of a constraint on the control signal amplitude and rate /Sterowanie optymalne ukladow liniowych przy ograniczeniu amplitudy i pochodnej sygnalu sterujacego/. 18 p3017 A67-34280

MAKRYGIN, A. M.

Existence of anomalously close radio reflections from sporadic ionization zones, linked with polar aurora /O sushchestvovanii anomal'no blizkikh radiootrazhenii ot zon sporadicheskoi ionizatsii, svyazannykh s pollarnymi silaniami/. 02 p0193 A67-11674

Some results of radar observations of auroras at Yakutsk during the IQSY. 13 p2111 A67-26566

Anomalously close radio reflections from sporadic ionization zones, associated with auroras. 16 p2624 A67-31089

MAKSAK, V. I.

Experimental study of plastic deformations under complex loading /Eksperimental'noe issledovanie plasticheskikh deformatsii pri slozhnom nagruzhении/. 03 p0530 A67-14169

MAKSHANTSEV, G. F.

A study of the properties of antifriction nickel-graphite composites. 08 p1341 A67-20599

MAKSIMENKO, E. A.

Structural changes during oxidation of chromium-yttrium alloys /Strukturnye izmeneniia pri okislenii splavov khroma s titaniem/. 05 p0827 A67-16327

MAKSIMENKO, V. M.

Mean characteristics of the process of multiple particle production at energies from 100 to 1000 Gev /Srednie kharakteristiki protsessa mnozhestvennogo rozhdeniia chastits pri energiiakh 100-1000 Gev/. 24 p4217 A67-42830

MAKSMIK, L. K.

Probable coloring of Martian vegetation /O verolatnoi okraske rastitel'nosti Marsa/. 11 p1867 A67-24845

MAKSIMOV, A. I.

Electron concentration and energy in conditions of an SHF discharge in helium /Kontsentratsii i energii elektronov v usloviakh sverkhvysokochastotnogo razriada v geli/. 02 p0277 A67-12616

Use of a microwave discharge as the active medium of a gas-discharge laser /Ob ispol'zovanii mikrovolnovogo razriada v kachestve aktivnoi sredy gazorazriadnogo lazera/. 09 p1512 A67-21924

Electron density and energy in a microwave helium discharge. 13 p2170 A67-27372

The use of a microwave discharge as the active medium for a gas discharge laser. 14 p2330 A67-28253

High-frequency electrodeless plasmatron for atmospheric pressure /Vysokochastotnyi bezelektroodnyi plazmatron pri atmosfernom davlenii/. 17 p2897 A67-32175

MAKSIMOV, D. G.

Data on the condition of the cosmonauts during the flight of the spacecraft Voskhod /Nekotorye dannye o sostoianii kosmonavtov vo vremia poleta kosmicheskogo korablia "Voskhod"/. 02 p0185 A67-11545

Method of programmed physiological measurements and experience in its application aboard the spacecraft Voskhod /Metodika programmirovannykh fiziologicheskikh izmerenii i opyt eeprimeniia na kosmicheskome korable "Voskhod"/. 02 p0185 A67-11546

Some reactions of the cardiovascular and respiratory systems of cosmonauts during the Voskhod-2 orbital flight /Nekotorye reaktssii serdечно-sosudistoi i dykhatel'noi sistem kosmonavtov v orbital'nom poete na kosmicheskome korable "Voskhod-2"/. 09 p1454 A67-22384

Some results of medical supervision of the state of the cosmonauts P. I. Belyaev and A. A. Leonov during training and orbital flight. 11 p1748 A67-24080

Results of some electrophysiological investigations on board the spaceship "Voskhod" /Rezultaty nekotorykh elektrofizicheskikh issledovanii na korable "Voskhod"/. 18 p2816 A67-30780

Some data on the condition of cosmonauts during the flight of the "Voskhod" spaceship. 16 p2814 A67-31611

A method of programmed physiological measurements and experience in its use on the "Voskhod" spaceship. 18 p2814 A67-31612

Certain features of the physiological reactions of pilots during a simulated stay outside a spacecraft /Nekotorye osobennosti fiziologicheskikh reaktssii pilotov pri imitatsii vykhoda iz kosmicheskogo korablia/. 24 p4113 A67-42054

MAKSIMOV, E. G.

Thermodynamic properties of superconducting thin films /Termodinamicheskie svoistva tonkikh sverkhprovodiaschikh plenok/. 04 p0686 A67-15974

MAKSIMOV, I. A.

Superconductivity of the Nb sub 3 Al-Mo sub 3 Al system /Sverkhprovodimost' v sisteme Nb sub 3 Al-Mo sub 3 Al/. 13 p2184 A67-27631

Superconductivity in the system Nb sub 3 Al-Mo sub 3 Al. 21 p3685 A67-38828

MAKSIMOV, I. N.

Asymptotic theory of diffraction of an electromagnetic wave on a metallic cylinder surrounded by an inhomogeneous plasma layer. 21 p3585 A67-38811

MAKSIMOV, M. V.

Mathematical models of multichannel radio equipment in the presence of radio noise /Matematicheskie modeli mnogokanal'nykh radiotekhnicheskikh ustroistv pri vozdeistvii radiopomekh/. 19 p3185 A67-36095

MAKSIMOV, V. P.

Diagnostic methods of rotating-bearing damage /Metody diagnostiki povrezhdeniia podshipnikov kacheniiia/. 19 p3235 A67-34888

MAKSIMOV, V. S.

Study of a semibounded turbulent jet flow injected tangentially into an isobaric slipstream /K issledovaniiu techeniia poluogranichennoi turbulentnoi strui, vytekalushchei tangentsial'no v sputnyi izobaricheskii potok/. 17 p2839 A67-32906

MAKSUDIYAN, A. S.

The effect of the Reynolds number on tip losses /Vliianie chisla Reinal'dsa na kontsevye poteri/. 18 p2983 A67-33999

MAKULSKI, W.

Vibration measurements in aeronautical engineering /Pomlary drgan w technice lotniczej/. 22 p3798 A67-39545

MALACHOWSKI, M. J.

Current-voltage-temperature dependence of symmetric tunnel junctions. 07 p1237 A67-20184

MALAKHOV, A. N.

Experimental investigations of gain fluctuations in transistors. 02 p0213 A67-11646

Shape of the spectral line of an oscillation with small amplitude and frequency fluctuations /Forma spektral'noi lini kolebanii pri malykh fluktuatsiiakh amplitudy i chastoty/. 19 p3241 A67-36025

MALAKHOV, I. A. S.

Properties of the transition metals in terms of the concept of a stable electron configuration /Svoistva perekhodnykh metallov s tochkoi zreniia predstavleniia o stabil'nykh elektronnykh konfiguratsiiakh/. 09 p1517 A67-21878

MALAKHOV, V. P.

Krypton and xenon excitation mechanisms in the positive column of a DC discharge /O mekhanizme vzbuzhdeniia kriptonia i ksenona v polozhitel'nom stolbe razriade post olannogo toka/. 19 p3285 A67-35131

MALAN, D. J.

Physics of the thunderstorm electric circuit. 18 p3074 A67-33996

MALANOSKI, S. B.

Experiments on an ultrastable gas journal bearing. [ASME PAPER 66-LUB-6] 03 p0432 A67-13764

MALANOWSKI, K.

Optimal control of linear systems in the presence of a constraint on the control signal amplitude and rate /Sterowanie optymalne ukladow liniowych przy ograniczeniu amplitudy i pochodnej sygnalu sterujacego/. 18 p3017 A67-34280

MALASHENKO, I. S.

Effect of carbon on the structure and strength properties of niobium and its alloys /Vliianie ugleroda na strukturu i prochnostnye svoistva niobila i ego splavov/. 16 p2687 A67-30845

MALASKY, S. W.

Modeling for systems safety in manned space programs. [AIAA PAPER 67-936] 24 p4245 A67-43026

MALCICK, V.

Our experience with illusions duplicated in a flight simulator /Notre experience avec les illusions imitees au cours d'un vol dans le simulateur du vol/. 14 p2255 A67-28220

MALDONADO, C. D.

New method for obtaining emission coefficients from emitted spectral intensities. II - Asymmetrical sources. 01 p0115 A67-11073

Ambipolar diffusion and drift of added carriers in a semiconductor in the presence of a magnetic field. 08 p1369 A67-20900

Series representation method for obtaining the emission coefficient from the integrated intensity distribution for asymmetrical light sources. 12 p1968 A67-26175

Plasma oscillations in a nondegenerate electron-hole plasma. 20 p3499 A67-36945

MALDY, J.

Studies of the stabilization of superconducting coils /Etudes sur la stabilisation des bobines supraconductrices/. 16 p2607 A67-30593

MALDYBAEVA, E. I. A.

Electromagnetic waves in the general theory of relativity. 18 p3079 A67-33761

MALECH, R. G.

Radiating elements and mutual coupling. 07 p1154 A67-19782

Mutual coupling in infinite scanning arrays. 07 p1154 A67-19783

Mutual coupling in finite scanning arrays. 07 p1154 A67-19784

MALEGUE, D.

Hot-wire probe for studying low-pressure flows and its use in studying the wake of a cylinder /Sonde a fil chaud pour l'etude d'ecoulements a basse pression et son emploi dans l'etude du sillage d'un cylindre/. 01 p0006 A67-10757

MALEIN, A.

Ion heating in a turbulent plasma. 20 p3497 A67-36531

MALEV, M. D.

Investigation of a Tacitron type of discharge /Issledovanie taitronnoi formy razriada/. 19 p3282 A67-35160

MALEVSKAIA, O.

Polarization of type Pcl hydromagnetic oscillations observed at two conjugate geomagnetic stations /Polarisation des oscillations hydromagnetiques de type Pcl observees en deux stations geomagnetiques conjuguees/. 03 p0406 A67-12818

Polarization of Pc 1 /pearl/-type hydromagnetic oscillations at the magnetically conjugate points Sogra /USSR/ and Kerguelen Island /Polarizatsiia gidromagnitnykh kolebanii tipa Pc-1 /zhemchuzhiny/ v magnitno sopriazhennykh tochkakh Sogra /SSSR-/KERGELLEN

- /Frantsia//. 17 p2850 A67-32974
- MALEVSKII, I. U. B.**
Effect of annealing temperature on the structure and properties of cast molybdenum /Vlianie temperatury otzhiga na strukturu i svoystva litogo molibdena/. 05 p0832 A67-17511
- Effect of the annealing temperature on the structure and properties of cast molybdenum. 21 p3644 A67-38039
- MALHERBE, A.**
Solar-sensor system for the D-2 satellite /Le systeme de senseurs solaires pour le satellite D-2/. 21 p3629 A67-38666
- MALHERBE, P.**
Impulse measurements of an electric engine by a vacuum microbalance technique. 04 p0620 A67-14734
- MALIANOV, S. V.**
Effect of X-ray radiation on the electrophysical properties of germanium crystals and germanium p-n junctions. II - Electrophysical properties of germanium irradiated with hard X rays /Vlianie rentgenovskogo izlucheniia na elektrofizicheskie svoystva germaniia i germaniievykh p-n-perekhodov. II - Elektrofizicheskie svoystva germaniia pri obluchenii zhestkimi rentgenovymi luchami/. 01 p0136 A67-11044
- Effect of X-ray radiation on germanium crystals and germanium p-n junctions. III - Effect of X rays on germanium p-n junctions /Vlianie rentgenovskogo izlucheniia na germanii i germaniievy p-n-perekhody. III - Delstvie rentgenovykh luchel na germaniievy p-n-perekhody/. 01 p0136 A67-11047
- Effect of irradiation by electrons on the electrical properties of gallium arsenide /Vlianie oblucheniia elektronami na elektricheskie svoystva arsenida galliia/. 06 p1049 A67-17858
- Effect of X and electron radiation on p-n junctions in gallium arsenide /Vlianie rentgenovskogo i elektronogo izlucheniia na p-n-perekhody na arsenide galliia/. 06 p1049 A67-17859
- Effects of X-rays on the electrophysical properties of germanium and germanium p-n junctions. 20 p3508 A67-36405
- MALIAREVSKII, N. M.**
Choosing the optimal parameters of a detection system as a hole in the case of frequency selection of the reflected signals /O vybere optimal'nykh parametrov sistemy obnaruzheniia v tselom pri chastotnoi selektsii otrazhennykh signalov/. 06 p0963 A67-18216
- An optimum system for the detection of signals with noise modulation during incoherent reception /Optimal'nai sistema obnaruzheniia signalov s shumovoi modulatsiei pri nekogerentnom prieme/. 15 p2436 A67-29413
- Parameter optimization of a detection system as a whole, in the case of frequency selection of the reflected signals. 16 p2820 A67-30482
- MALIAVKIN, L. P.**
A regulated power supply for image converters with output-voltage control. 06 p1004 A67-18393
- The X-ray photographs and the spectrum of the sun in the region 9.5-200 angstrom units. 10 p1707 A67-23225
- Image and spectrum of the sun in the region from 9.5 to 200 angstrom units /Izobrazhenie i spektr solntsa v oblasti 9.5-200 angstrom units/. 13 p2200 A67-27334
- MALIK, C.**
The definition and use of scintillation index to describe ionospheric effects. 19 p3220 A67-35256
- MALIK, N. R.**
Equations for active networks - Existence of unique solutions. 15 p2456 A67-29238
- MALIKOV, M. M.**
Investigation of an electrical discharge in a magnetic field in the presence of a gas flow /Issledovanie elektricheskogo razriada v magnitnom pole pri nalichii potoka gaza/. 09 p1542 A67-21816
- MALIKOVA, E. A.**
Distribution and density of dislocations in bent and annealed GaAs and InSb crystals /Raspreделение i plotnost' dislokatsii v izognutykh i otzhyzhennykh kristallakh arsenida galliia i antimonida indii/. 05 p0865 A67-16920
- Distribution and density of dislocations in bent and annealed crystals of gallium arsenide and indium antimonide. 14 p2365 A67-28260
- MALIN, S. R. C.**
Recent changes in the magnetic dipole moment of the earth. 10 p1652 A67-23492
- Luni-solar daily variations of the geomagnetic field at Tananarive during the International Geophysical Year. 20 p3525 A67-36869
- MALINENKO, G. M.**
Temperature coefficient of combustion rate for condensed mixtures with various component proportions /Temperaturnyi koeffitsient skorosti goreniia kondensirovannykh smesel pri razlichnom sootnoshenii komponentov/. 07 p1267 A67-19311
- MALININ, B. G.**
Means of increasing the Q-factor of the resonator cavity of a neodymium laser /Ob odnoi vozmozhnosti uvelicheniia dobrotnosti rezonatora neodimovogo opticheskogo kvantovogo generatora/. 13 p2130 A67-27629
- One possibility of increasing the Q of the resonator of a neodymium laser. 21 p3642 A67-38825
- MALININ, N. N.**
The bending of a strip and a sheet during large deformations exceeding the elastic limits /Izgiб polosi i lista pri bol'shikh deformatsiakh za predelami uprugosti/. 21 p3721 A67-38382
- MALINKO, V. M.**
Dispersion of the refractive index of CdS sub x Se sub 1 sub minus x and CdTe single crystals in the visible and IR spectral ranges /Dispersiia pokazniva zalamleniia monokristaliv CdS sub x Se sub 1 sub minus x ta CdTe u vidimii ta infrachervonii oblastiakh spektra/. 16 p2732 A67-31481
- New interpretation of the edge absorption of Ge and CdTe /Nova interpretatsiia kralovogo poglannia Ge ta CdTe/. 20 p3511 A67-37143
- MALINOVSKII, K. A.**
Approximate method for determining the concentration field in a turbulent gas jet /Priblizhennyi sposob opredeleniia polia kontsentratsii v turbulentnoi gazovoi strue/. 10 p1824 A67-23038
- MALINOVSKII, V. K.**
Excitation of strong collisionless shock waves in a plasma. 04 p0666 A67-15187
- The possibility of temperature and density measurements in nonstationary plasmas by means of optical interferometry. 12 p1976 A67-26073
- Oscillatory structure of a quasi-steady-state MHD shock wave in a plasma /Osttsiliatornaya struktura kvazistatsionarnoi magnitno-gidrodinamicheskoi udarnoi volny v plazme/. 24 p4195 A67-41937
- MALINOWSKI, M.**
An adaptive twelve-channel multiplexer. 06 p0960 A67-17676
- MALISHENKO, I. I.**
Measurement of the parameters of the water-vapor absorption line at 183.31 GHz in the ground layer of the atmosphere /Vimiriuvannia parametriv lini poglannia 183.31 GGT s u vodiani parl prizemnogo sharu atmosfery/. 22 p3759 A67-39506
- MALISOVA, E. V.**
Electrophysical properties of InBi compounds /Elektrofizicheskie svoystva soedineniia InBi/. 20 p3514 A67-37605
- MALITSON, H. H.**
The solar electromagnetic radiation environment. 19 p3323 A67-35332
- MALUK, N. F.**
Determination of the electron-hole pair separation energy in CdS single crystals during irradiation by 5-to 50-kev electrons /Opredelenie energii razdeleniia pary elektron-dyrka v monokristallakh CdS pri obluchenii elektronami s energiei 5 - 50 kev/. 03 p0490 A67-13160
- Determination of the energy of separation of an electron-hole pair in CdS single crystals during irradiation by 5-50 kev electrons. 10 p1690 A67-23107
- Electron-beam detectors employing CdS single crystals /Detektory elektronnykh puchkov na osnove monokristallov CdS/. 22 p3798 A67-39568
- MALUTENKO, V. K.**
Effect of surface recombination processes on the kinetics of semiconductor photoconductivity /Vpliv poverkhnivikh rekombinatsiinykh protsessiv na kinetiku
- fotoprovodnosti naplyvoprovidnikiv/. 14 p2372 A67-28756
- Determination of the lifetime and mobility of nonequilibrium holes in cadmium sulfide single crystals. 20 p3504 A67-36158
- MALIUTINA, G. L.**
The patterns of change in certain thermochemical properties of a series of A super III B super V analogs /O zakonomernosti izmeneniia nekotorykh termokhimicheskikh svoystv v rladu soedinenii-analogov A super III B super V/. 21 p3676 A67-3932
- MALJAROVA, G. V.**
Neutral composition of the Arctic upper atmosphere - Preliminary results. 19 p3219 A67-35251
- MALKEVICH, M. S.**
Statistical characteristics of the vertical structure of a stratified cloud formation and meteorological elements /O statisticheskikh kharakteristikakh vertikal'noi struktury sloistoi oblachnosti i meteorologicheskikh elementov/. 14 p2346 A67-28765
- MALKIN, O. A.**
High-velocity shock waves obtained by magnetic pressure and relaxation processes in these waves /Vysokoskorostnye udarnye volny, poluchaemye pri pomoshchi magnitnogo davleniia, i relaksatsionnye protsessy v nikh/. 11 p1832 A67-24034
- MALKIN, S.**
Fluorescence induction studies in isolated chloroplasts. I. 07 p1134 A67-19846
- MALKIN, V. B.**
Cardiac changes under hypoxia - An experimental morphological study /Izmeneniia v serdtse pri gipoksii eksperimental'no-morfologicheskoe issledovanie/. 13 p2058 A67-26756
- MALKMUS, W.**
Criteria for accuracy of measurement of line intensities and mean absorption coefficients. 07 p1185 A67-19404
- Temperature dependence of the total intensity of difference-band systems - The 10-mu band system of CO sub 2. 11 p1821 A67-23960
- Random Lorentz band model with exponential-tailed S super -1 line-intensity distribution function. 11 p1821 A67-24416
- MALKO, L. N.**
The auroral zone. 07 p1178 A67-19816
- Frequency of the occurrence of polar auroras at Murmansk in the years of solar activity maxima and minima /Chastota polavleniia pollarnykh silanii v Murmanske v gody maksimuma i minimuma solnechnoi aktivnosti/. 10 p1630 A67-22787
- Auroral frequency at Murmansk in years of maximum and minimum solar activity. 24 p4149 A67-42123
- MALKO, P. I.**
Assembly for determining the temperature dependence of the thermal conductivity coefficient, thermal emf, and specific electrical resistance of Cermet materials /Ustanovka dlia opredeleniia temperaturnoi zavisimosti koeffitsienta teplovodnosti, termo-E. D.S. i udel'nogo elektroosoprotivleniia metallokeramicheskikh materialov/. 01 p0076 A67-11248
- Device for determining the temperature dependence of the heat conductivity coefficient, the thermal EMF, and the electrical conductance of cermet. 17 p2861 A67-33171
- MALKOV, I. U. S.**
Study of the Ni sub 3 Al-Ni sub 3 Ti system /Izuchenie sistemy Ni sub 3 Al-Ni sub 3 Ti/. 13 p2142 A67-27286
- MALKOV, V. P.**
Optimal reinforcing of cuts in plates /Optimal'noe podkreplenie vyrezov v plastinkakh/. 24 p4249 A67-42105
- MALKOVICH, R. SH.**
Temperature dependence of the isoconcentration diffusion of zinc in gallium arsenide. 20 p3504 A67-36162
- MALKOWSKI, G.**
Radar echoes from cloud-free space /Radarechos aus dem wolkenfreien Raum/. 10 p1677 A67-23500
- Geometric and thermal height of shower and storm cells /Ueber die geometrische und thermische Hoehe von Schauer- und Gewitterzellen/. 13 p2150 A67-26433
- Cloud-height measurement by means of vertical radar in comparison with optical cloud-height measurements /Bemerkungen zur Wolkenhoeehenmessung mittels eines

- Vertikalradars im Vergleich zu optischen Wolkenhoehenmessungen/. 13 p2152 A67-26866
- MALKUS, W. V. R.**
Hydromagnetic planetary waves. 17 p2941 A67-32285
Hydromagnetic instability of the sub-Alfven equations. 20 p3494 A67-36147
Precessional torques and earth rotation. 24 p4151 A67-42314
- MALLACH, E. G.**
Solar pressure damping of the librations of a gravity-gradient oriented satellite. 14 p2395 A67-29051
- MALLAN, G. M.**
Modified silicon-carbide continuous filaments. 03 p0454 A67-13423
- MALLETT, R. H.**
A discrete element procedure for thin-shell instability analysis. 05 p0925 A67-17352
- MALLEY, H. H.**
Air-cooled rotor and guide vanes of modern aircraft engines /Luftgekuehlte Turbinenlauf-und Leitschaufeln in neueren Flugtriebwerken/. 06 p1073 A67-17607
- MALLIA, E. A.**
Low noise solar and laboratory spectroscopy. 21 p3624 A67-37730
- MALLIAR, A. M.**
Influence of the nonlinear capacitance of a semiconductor diode on some parameters of an amplitude detector. 04 p0586 A67-15677
- MALLIARIS, A. C.**
Induction velocimetry in an ionized gas. 02 p0272 A67-11881
Phenomena in the cathode region of an MPD accelerator. [AIAA PAPER 67-47] 06 p0951 A67-18466
Phenomena in the cathode region of an MPD accelerator. [AIAA PAPER 66-47] 15 p2531 A67-30205
Plasma acceleration in an electrical discharge by the self-induced magnetic field. 22 p3844 A67-39356
- MALLICK, D. L.**
Flight results with a non-aerodynamic, variable stability, flying platform. 06 p0948 A67-18202
An assessment of ground and flight simulators for the examination of manned lunar landing. [AIAA PAPER 67-238] 07 p1129 A67-20044
- MALLICK, S. B.**
Nonsinusoidal pumping of tunnel-diode mixers. 01 p0037 A67-10477
- MALLIN, J. R.**
Visualization technique for low-density flow fields. 11 p1790 A67-24450
Measuring techniques applied in an MHD-augmented shock tunnel. 16 p2656 A67-31262
- MALLING, L. R.**
Ultimate sensitivity of space-camera imaging devices with particular reference to the slow-scan vidicon. 02 p0245 A67-12245
Data considerations for planetary space science photography. [IEEE PAPER 19-TP-66-1134] 23 p3998 A67-40740
- MALLINSON, R. B.**
Concentration dependence of de Haas-van Alphen effect in n-type Bi sub 2 Te sub 3. 17 p2912 A67-32286
- MALLIOS, W. S.**
Structural predictions of mean times between failures through maintenance activity for aircraft power systems. 09 p1560 A67-22287
- MALLON, J. A.**
Structural analysis of bonded honeycomb welded joints. 22 p3813 A67-40181
- MALLON, R. G.**
Measurements of magnetization in superconductive molybdenum. 17 p2925 A67-33379
- MALLORY, H. D.**
Evidence of turbulence in the reaction zone of detonating liquid explosives. 06 p1113 A67-18143
- MALLOZZI, P.**
Theory of plasma radiation. I. 19 p3284 A67-35339
Theory of plasma radiation. II. 19 p3284 A67-35340
- MALMBERG, J. H.**
Cyclotron waves in a collisionless plasma. 19 p3288 A67-35373
Plasma wave echo. 19 p3295 A67-35534
Collisionless damping of large-amplitude plasma waves. 22 p3853 A67-40242
- MALMEISTER, A. K.**
Geometry of endurance theory /Geometria teorli prochnosti/. 02 p0339 A67-12239
- MALMSTROM, C. R.**
Snapshot - The first space test of a reactor power unit. 16 p2701 A67-30838
- MALNAR, L.**
Atomic clock /L'horloge atomique/. 07 p1186 A67-19527
Measurement of weak magnetic fields by magnetic resonance. 22 p3799 A67-39771
- MALNEV, A. F.**
Utilization of the pyroelectric effect in barium titanate ceramics for recording weak thermal fluxes. 03 p0421 A67-13709
- MALNEV, V. N.**
Intermolecular interaction and the equation of state for a highly excited gas /Mezhmolekularnoe vzaimodelstvie i uravnenie sostoiannia vysokovozbuzhdenного газа/. 06 p0991 A67-18802
Intermolecular interaction and the equation of state of a highly excited gas. 18 p3029 A67-34421
- MALODENSKII, M. M.**
Synchrotron radiation in a dipole magnetic field. 12 p1994 A67-25535
- MALOGOLOVETS, S. S.**
Investigation of the defects in hardened germanium free of dislocations /Doslidzhennia defektiv gartuvannia v bezdislokatsionomu germanii/. 14 p2372 A67-28761
- MALONE, E. W.**
Fast response high output heat flux sensor. 01 p0069 A67-11020
Design and calibration of thin foil heat flux sensors. 23 p4006 A67-41374
- MALONE, T. J.**
Low temperature synthesis. 08 p1290 A67-21187
Mass spectrometric investigations of the synthesis, stability, and energetics of the low-temperature oxygen fluorides. II. 20 p3377 A67-37136
- MALONEY, J.**
The lubricating performance of an "in situ" process MoS sub 2 film in air and in liquids. [ASLE PAPER 67-LC-15] 24 p4165 A67-42749
- MALONEY, W. T.**
Advantages of transverse-wave light modulators. 17 p2815 A67-32614
- MALOTT, R. C.**
Bending strength of spur gear teeth. [AHS PAPER 118] 16 p2684 A67-31834
- MALOV, IU. V.**
Investigation of the dislocation structure of silicon deformed during the easy slip stage. 23 p4042 A67-41296
- MALSAGOV, A. U.**
Study of the electrical conductivity and thermal emf of CuSbTe sub 2 in solid and fluid states /Issledovanie elektroprovodnosti i termoeds CuSbTe sub 2 v tverdom i zhidkom sostoianniakh/. 02 p0297 A67-11846
- MALSAN, P.**
Piezoresistive effect of silicon diffused elements /Piezoresistivite d'elements diffuses en silicium/. 13 p2175 A67-26656
- MALTAGLIATI, M. M.**
Remarks on the adhesion of thin metallic layers obtained by molecular evaporation under vacuum /Considerations sur l'adhesion des couches minces metalliques obtenues par evaporation sous vide moleculaire/. 09 p1503 A67-22100
- MALTBY, P. J.**
A new development in multiplex electro-hydraulic actuators. 05 p0754 A67-16752
- MALTSEV, IU. V.**
Magneto-optical study of the InSb conduction band. 01 p0128 A67-10095
- MALTSEV, M. V.**
Softening and recrystallization of deformed niobium during annealing /Razuprochnenie i rekristallizatsia deformirovannogo niobila pri otzhege/. 22 p3823 A67-40326
- MALTSEV, V. M.**
Unitary statistical model of multiple particle production /Unitarnala statisticheskaya model' mnozhestvennogo rozhdenia chastits/. 24 p4193 A67-42861
- MALTSEVA, L. F.**
High-temperature Materials /Vysokotemperaturnye Materialy/. 21 p3645 A67-38600
- MALUSHIN, N. V.**
Optical and temperature quenching of the red luminescence of cadmium sulfide /Opticheskoe i tempraturnoe tushenie krasnoi luminentsentsii sul'fida kadmlia/. 19 p3300 A67-34764
- MALVILLE, J. M.**
Coronal studies at the eclipse in Bolivia. 08 p1391 A67-21044
Spike bursts during the type IV event of February 5, 1965. 09 p1562 A67-22233
Excitation of the infrared lines of Fe XIII in the solar corona. 12 p2010 A67-28242
Sodium D lines in Comet 1965 f near perihelion passage. 22 p3880 A67-39414
- MALYGIN, G. A.**
On the anisotropy of thermal expansion and the thermal microstresses. Review. 03 p0446 A67-13564
- MALYGIN, O. V.**
Use of induced cyclotron emission of electrons in the generation and amplification of high-power electromagnetic oscillations /Primenenie indutsirovannogo tsiklotronnogo izlucheniia elektronov dlia generirovaniia i usileniia elektromagnitnykh kolebanii bol'shoi moshchnosti/. 05 p0824 A67-16915
Application of induced cyclotron radiation of electrons for the generation and amplification of high-powered electromagnetic waves. 16 p2685 A67-30892
- MALYGIN, V. B.**
Efficiency of a diversity reception system with lobe switching /Ob effektivnosti sistemy raznesennogo priema s perekluicheniem antenn/. 11 p1768 A67-24968
- MALYI, V. I.**
Properties of the stress functional of plastic materials /O nekotorykh svoistvakh funktsionala napriazhenii plasticheskikh materialov/. 02 p0336 A67-11630
Parity of components of the stress functional in the theory of plasticity /O chetnosti komponentov vektorfunktsionala napriazhenii v teorli plastichnosti/. 05 p0925 A67-17477
Decomposition of a stress functional with respect to a small parameter /Razlozhenie funktsionala napriazhenii po malomu parametru/. 12 p2032 A67-26103
- MALYKH, N. I.**
SHF phase meters for plasma diagnostics /Sverkhvysokochastotnye fazometry dlia diagnostiki plazmy/. 24 p4154 A67-42218
- MALYSH, G. K.**
Temperature dependence of the isoconcentration diffusion of zinc in gallium arsenide. 20 p3504 A67-36162
- MALYSHEV, A. B.**
Investigation of radiation intensity in the radiation belts of the earth by means of the artificial earth satellite "Cosmos-17." 11 p1856 A67-24074
- MALYSHEV, G. M.**
Measurement of electron temperature and concentration in an arc plasma via Thomson scattering of laser light. 03 p0437 A67-13209
Investigation of air sparks by two synchronized lasers. 06 p1010 A67-18090
- MALYSHEV, K. A.**
Strengthening of ageing Fe-Ni-Ti alloys in the process of the direct and reverse gamma-alpha-gamma transformation. 04 p0635 A67-14430
Aging of Fe-Ni-Ti-alloys in the process of reverse martensitic alpha greater than gamma transformation /Starenie splavov Fe-Ni-Ti v protsesse obratnogo martensitnogo prevrashcheniia alpha greater than gamma/. 22 p3820 A67-39824
- MALYSHEV, V. A.**
Quasi-linear negative conductance of quantum devices. 03 p0379 A67-13293
Nonlinear theory of multiplication in an O-type traveling-wave tube with high gain. 11 p1765 A67-24478
- MALYSHEV, V. I.**
Investigation of the length and shape of a giant pulse as a function of the population inversion coefficient. 06 p1010 A67-17876
Self-synchronization of axial modes in a laser with saturable filters. 23 p4013 A67-40908
- MAMADALIEV, N. A.**
Two-component supersonic flow past a plate /Obtekanie plastinki dvukhkompontentnym sverkhzvukovym potokom/. 10 p1628 A67-23647
- MAMAEV, IU. A.**
Capture, ionization, and ionization capture in collisions of protons with argon atoms. 23 p4030 A67-41687
- MAMAEV, S.**
Investigation of the effect of impurities on the properties of CdSnAs sub 2 /Issledovanie vliianiia primesei na svoistva

- CdSnAs sub 2/. 13 p2184 A67-27707
MAMATURDIEV, G.
 Representation of the eigenvalues of the first boundary-value problem of the theory of elasticity in terms of a contour integral /Predstavlenie sobstvennykh znachenii pervoi kraevoi zadachi teorii uprugosti cherez integral po konturu/. 17 p2962 A67-32832
- MAMEDLI, R. M.**
 Experimental study of a two-cascade frequency multiplier with a traveling-wave tube /Eksperimental'noe issledovanie umnozhitel'na chastoty na dvukhkaskadnoi LBV/. 10 p1613 A67-23406
- MAMEDOV, K. K.**
 Thermal capacity of gallium selenide and thallium selenide /Teploemkost' selenida gallia i selenida tallia/. 13 p2174 A67-26367
 Specific heat of gallium selenide and thallium selenide. 21 p3680 A67-38323
- MAMEDOV, K. N.**
 Investigation of the thermodynamic properties of gallium arsenide by the electromotive force method /Issledovanie termodinamicheskikh svoystv arsenida gallia metodom elektrodvishchikh sil/. 03 p0498 A67-13840
- MAMEDOV, M. A.**
 Final orbit of comet Cunningham /1941 I /Okonchatel'naya orbita komety 1941 I Kennigema/. 07 p1247 A67-19168
- MAMEDOVA, R. F.**
 Double injection and oscillations of the current-voltage dependence of an alloyed GaP p-n junction. 14 p2286 A67-28594
- MAMIDZHANIAN, E. A.**
 Measurement of the intensity of nuclear-active particles at mountain altitudes /Izmerenie intensivnosti laderno-aktivnykh chastits na vysoyakh gor/. 21 p3698 A67-38293
 Energy spectrum of nuclear-active particles at mountain altitudes /Energeticheskii spektr ladernoaktivnykh chastits na vysoyakh gor/. 24 p4218 A67-42834
- MAMIKONIAN, N. L.**
 Probe studies of a DC discharge in a He-Ne mixture. 24 p4196 A67-42242
- MAMMANO, A.**
 Positions of Echo 1, Echo 2, and a satellite during the reentry stage, observed at Aslago in 1964 /Posizioni di Echo I, di Echo II e di un satellite in fase di caduta, rilevate ad Aslago nel 1964/. 03 p0509 A67-13105
 Dissociation and ionization in comets /Dissoziation und Ionisation in kometen/. 16 p2746 A67-30979
- MAMONTOVA, T. N.**
 Fluctuation levels in the vitreous semiconductor Tl sub 2 Se.As sub 2 Te sub 3 /Fluktuatsionnye urovni v stekloobraznom poluprovodnike Tl sub 2 Se.As sub 2 Te sub 3/. 09 p1553 A67-21969
 Fluctuation levels in the glassy semiconductor Tl sub 2 Se. As sub 2 Te sub 3. 17 p2923 A67-33306
- MAMRUKOV, A. P.**
 Connection between ionization in the F2 layer and the influx of solar wave radiation according to observations made in Yakutsk /O svyazi ionizatsii v sloe F2 s postupleniem solnechnoi volnovoi radiatsii po nabludeniyam v Yakutsk/. 05 p0800 A67-17128
 Device with a visual record of the H component of the geomagnetic field. 12 p1941 A67-25556
 Relationship between ionization in the F sub 2 -layer and the incidence of solar wave radiation according to observations at Yakutsk. 21 p3618 A67-38471
- MAMRUKOVA, V. P.**
 Dependence of cosmic ray intensity in interplanetary space upon the earth's heliolatitude. 12 p1992 A67-25120
 Annual cosmic-ray variations and changes in the cosmic radiation intensity as a function of the earth's heliolatitude /Godovye variatsii kosmicheskikh luchei i izmenenie intensivnosti kosmicheskoi radiatsii v funktsii gelioshroty zemli/. 15 p2550 A67-30012
 Possibility of determining the contribution of temperature to the diurnal variation of the hard component /Ob odnoi vozmozhnosti opredeleniya temperaturnogo vклада v sutochnuyu variatsiyu zhestkoi komponenty/. 17 p2933 A67-32089
 Annual cosmic-ray variations and their relation to active formations on the sun /Godovye variatsii kosmicheskikh luchei i
- ikh svyaz's aktivnymi obrazovaniami na solntse/. 23 p4059 A67-41132
- MAMUROV, A. M.**
 Inelasticity of the interaction of cosmic ray particles with lead nuclei /Neuprugost' vzaimodeistviya chastits kosmicheskikh luchei s ladrami svintska/. 02 p0315 A67-12756
 Inelasticity of the interaction of cosmic ray particles with lead nuclei. 22 p3876 A67-40258
- MANABE, A.**
 Infrared absorption of localized vibration due to lithium in zinc selenide and cadmium sulfide. 06 p1059 A67-18911
 Infrared lattice reflection spectra of II-VI compounds. 16 p2724 A67-30603
- MANABE, S.**
 General circulation of the atmosphere. 20 p3429 A67-36895
- MANASSE, F. K.**
 Current dependent modes in pulsed avalanche diodes. 15 p2442 A67-29174
- MANATT, S. A.**
 The evolution of cryogenic storage systems toward advanced spacecraft missions. 17 p2954 A67-32013
- MANCA, P.**
 Electronic processes in gamma-iron telluride /Processus electroniques dans le tellurure de fer gamma/. 17 p2911 A67-32220
- MANCIANTI, M.**
 The effects of distortions introduced from the ionosphere into the reception of PAM-FM signals originating from an artificial satellite /Sugli effetti delle distorsioni introdotte dalla ionosfera nella ricezione di segnali PAM-FM, provenienti da un satellite artificiale/. 13 p2070 A67-27197
- MANCINI, M.**
 Giant pulse operation of a many-element laser with a composite switching device. 13 p2126 A67-26729
- MANDA, L. J.**
 Spin effects on rocket nozzle performance. 02 p0303 A67-11947
- MANDEL, G.**
 The ELDO launch vehicle - An international system management task /Die ELDO-Traegerakete - Eine internationale Systemfuehrungsaufgabe/. 16 p2763 A67-31789
- MANDEL, J.**
 Ordinary waves in viscoelastic mediums /Sur les ondes ordinaires dans les milieux viscoelastiques/. 11 p1877 A67-24750
- MANDEL, L.**
 Wavefront reconstruction with light of finite coherence length. 03 p0424 A67-13911
 Complex representation of optical fields in coherence theory. 15 p2518 A67-29767
 Interference effects at the single photon level. 17 p2886 A67-32277
- MANDEL, P.**
 High-gain antenna with low noise temperature for a space telecommunication station /Une antenne a fort gain et faible temperature de bruit pour station de telecommunications spatiales/. 12 p1913 A67-25304
- MANDELBROJT, S.**
 A generalized Fourier transform /Transformee de Fourier generalisee/. 04 p0646 A67-15492
- MANDELKORN, J.**
 Comparison of lithium containing p on n silicon cells with n on p silicon cells. 23 p3941 A67-41524
- MANDELL, A. J.**
 Adrenal cortical activity in pathological emotional states - A review. 06 p0952 A67-17848
- MANDELSHTAM, S. L.**
 Study of soft corpuscular radiation by the lunar satellite Luna-10 /Izuchenie miagkoi korpuskularnoi radiatsii na sputnike luny Luna-10/. 01 p0145 A67-10907
 Study of lunar X-ray emission with the aid of the lunar orbiter Luna 10 /Issledovaniya rentgenovskogo izlucheniya luny s pomoshch'yu sputnika luny "Luna-10"/. 05 p0886 A67-16051
 Cases of brief increase of the flux of heavy nuclei accompanying X-radiation bursts. 07 p1242 A67-19113
 Production of spectra of multiply charged ions by focusing laser radiation on a solid target. 12 p1986 A67-26065
 Image and spectrum of the sun in the region from 9.5 to 200 angstrom units /Izobrazhenie i spektr solntsa v oblasti 9,5-200 angstrom units/. 13 p2200 A67-27334
- Investigation of lunar X-ray emission with the help of the lunar satellite Luna-10. 21 p3701 A67-37838
- MANDELSON, J.**
 Sampling plans for destructive or expensive testing. 09 p1506 A67-22197
- MANDELSTAM, S. L.**
 The X-ray photographs and the spectrum of the sun in the region 9.5-200 angstrom units. 10 p1707 A67-23225
- MANDERS, A. M.**
 A simulator for experimental evaluation of phased and adaptive arrays. 20 p3397 A67-36580
- MANDEVILLE, C. E.**
 Generation of light by the relative motion of contiguous surfaces of mercury and glass. 22 p3837 A67-39993
- MANDL, F.**
 Electron resonances of the H sub 2 super minus ion. 01 p0117 A67-10781
 Vibrational excitation and dissociative attachment in the scattering of electrons by hydrogen molecules. 01 p0117 A67-10782
- MANDOUR, J. A.**
 A simulation study of landing of a typical medium L/D entry vehicle. [AIAA PAPER 67-574] 20 p3533 A67-37133
- MANDREKAR, V.**
 Multiplicity and representation theory of purely non-deterministic stochastic processes. 04 p0644 A67-14754
- MANDRITSKAIA, K. V.**
 Superhigh-energy primary cosmic radiation and extensive air showers /Pervichnoe kosmicheskoe izluchenie sverkhvysokoi energii i shirokie atmosferye livni/. 02 p0318 A67-12778
 Superhigh energy primary radiation and extensive air showers. 22 p3877 A67-40280
 Fluctuation of the energy fluxes of nuclear-active particles in the stem of an extensive air shower /Fluktuatsii potokov energii laderno-aktivnykh chastits v stvole shirokogo atmosfernogo livna/. 24 p4220 A67-42867
- MANDZHVIDZE, Z. SH.**
 Report on the performance of the Tskhra-Tskaro facility, and preliminary data on the free path of nuclear-active particles with energies from 10 super 11 to 10 super 12 ev in carbon /Soobshchenie o rabote ustanovki "Tskhra-Tskaro" i predvaritel'nye dannye o svobodnom probege laderno-aktivnykh chastits s energiei 10 super 11 -10 super 12 ev v uglerode/. 24 p4219 A67-42845
- MANEA, V.**
 Considerations on the nonlinear theory of thin elastic plane plates without using the Love-Kirchhoff hypothesis. 20 p3535 A67-36279
- MANEGIN, I. V.**
 Microstructure and mechanical properties of the pressed alloy TsM2A /Mikrostruktura i mekhanicheskie svoystva pressovannogo splava TsM2A/. 05 p0832 A67-17509
 Microstructure and mechanical properties of pressed TsM2A alloy. 21 p3644 A67-38037
- MANELIS, R. M.**
 X-ray study of lanthanum borides /Rentgenograficheskoe issledovanie boridov lantana/. 11 p1810 A67-23905
 The thermionic emission of some yttrium and gadolinium borides. 15 p2534 A67-29358
- MANENKOV, A. A.**
 Concentration and temperature dependences of spinlattice relaxation times in ruby at helium temperatures - Relaxation in a zero magnetic field. 05 p0817 A67-18637
 Quantum radio-wave amplifiers and their application /Kvantovye usiliteli radiovoln i ikh primenenie/. 16 p2623 A67-31024
 Radio Physics 1964-1965-Quantum Amplifiers /Radiofizika 1964-1965-Kvantovye Usiliteli/. 19 p3238 A67-34799
- MANENT, P.**
 Conjunctival hyperemia and disacclimation to altitude /Hyperhemie conjonctivale et desacclimation a l'altitude/. 04 p0561 A67-14628
- MANES, K. R.**
 Preliminary measurements of laser short-term frequency fluctuations. 15 p2499 A67-29730
- MANESHIN, N. K.**
 Frequency multiplication using the diffusion capacitance. 05 p0766 A67-17165
- MANEVICH, A. I.**
 Stability of a reinforced cylindrical shell in the presence of external pressure /Ob ustoiichivosti podkreplennoi tsilindricheskoj

- obolochki pri vnesnem
davlenii/. 12 p2027 A67-25620
- MANFREDI, D. V.**
Hydrodynamic journal bearing tests in
molten lithium.
[ASME PAPER 66-WA/LUB-6] 04 p0629 A67-15338
- MANFREDI, M.**
Design characteristics and operation of a
continuous neodymium laser /Caratteristiche
di costruzione e funzionamento di un laser a
neodimio in continua/. 09 p1516 A67-22665
- MANGAD, M.**
Regularized solutions of the two-body
problem and the restricted
problem. 17 p2943 A67-32440
Some limiting values and two error
estimation procedures for power series
approximations. 18 p3072 A67-34398
- MANGAN, E. J.**
Testing of interconnecting leads and bonds
in integrated circuits. 12 p1911 A67-25270
- MANGAN, M. F.**
Instabilities in the growth of high current
mercury vapour
discharges. 19 p3265 A67-35091
- MANGANO, G. J.**
AELCEF - A tool to make rotor burst
containment a reality.
[SAE PAPER 670332] 12 p1925 A67-25873
- MANGELSON, N. L.**
Radioisotopic color scanning of pulmonary
aerobolism in experimental decompression
sickness - Dysbarism. 23 p3956 A67-41626
- MANGENEY, A.**
The emissivity and the absorption
coefficient of a homogeneous non-
equilibrium plasma. 22 p3854 A67-40527
- MANGERON, D.**
Certain questions arising in the solution of
boundary-value problems for a class of
nonlinear partial integrodifferential
equations /Nekotorye voprosy resheniya
kraevykh zadach dlia odnogo klassa
nelineynykh integro-differentsial'nykh
uravnenii v chastnykh
proizvodnykh/. 07 p1215 A67-19476
Concerning the stationary motion of an
impact-oscillation system, when the impact
is not considered as instantaneous /Ueber
die stationaere Bewegung eines
Schlagschwingsystems, wenn der
Zusammenstoß nicht als momentan
betrachtet wird/. 20 p3483 A67-36195
- MANGIAROTTY, R. A.**
Wave radiation Doppler effect correction
for motion of a source, observer and the
surrounding medium. 20 p3486 A67-37005
- MANGIN, H.**
Regarding an isthmie lysis of rare
localization observed in a fighter pilot /A
propos d'une lyse isthmique de localisation
rare observee chez un pilote de
chasse/. 04 p0561 A67-14632
- MANGIONE, B. J.**
Effect of flow shear on induced
drag. 23 p3932 A67-41735
- MANGLER, K. W.**
The flow field near the centre of a rolled-
up vortex sheet. 24 p4092 A67-42570
- MANH, D. K.**
Detection of infrared radiation by varying
the reflectivity of semiconductors /Detection
des radiations infrarouges par variation de la
reflectivite des
semiconducteurs/. 13 p2181 A67-27231
- MANI, A.**
A telemetering current weather
instrument system for use at
airports. 10 p1656 A67-23087
- MANILOV, V. A.**
Structural changes in chromium during
deformation /Strukturnye izmeneniya v
khrome pri deformatsii/. 13 p2141 A67-27284
- MANINGER, H. E.**
V-STOL technology - The
challenge. 18 p2987 A67-34708
- MANION, F. M.**
Proportional amplifier
simulation. 14 p2249 A67-28327
- MANITIUS, A.**
Optimization of sampled-data systems with
finite transient response time on the basis
of combined, stochastically deterministic Q
factors /Optymalizacja ukladu impulsowego o
skonczonym czasie trwania przebiegow
przejsciowych wedlug mieszanych
stochastyczno-deterministycznych wskaznikow
jakosci/. 01 p0043 A67-10202
Synthesis of optimal and quasi-optimal
pulse systems with random perturbations
/Synteza optymalnych i quasioptymalnych
wkładow impulsowych z zakłóceniami
przypadkowymi/. 18 p3017 A67-34281
- MANIUROV, D. M.**
A class of problems of parametric linear
programming /Ob odnom klasse zadach
parametricheskogo lineinogo
programirovaniya/. 07 p1219 A67-19167
- MANKA, C. K.**
Self-consistent time-of-flight analysis of a
plasma gun. 15 p2523 A67-29214
- MANKARIOUS, R.**
Zn and Te implantations into
GaAs. 15 p2536 A67-29495
- MANKIN, D. A.**
Tests of ten control-display
linkages. 18 p2993 A67-34338
- MANKO, M. A.**
Temperature dependence of the threshold
current in injection lasers and their
continuous operation under liquid nitrogen
cooling /Temperaturnaya zavisimost'
porogovogo toka inzhektionsionnykh kvantovykh
generatorov i nepreryvnyi rezhim raboty pri
okhlazhdenii zhidkim
azotom/. 06 p1012 A67-18788
Use of a semiconductor mirror for Q-
factor modulation of a laser resonator
/Ispol'zovanie poluprovodnikovogo zerkala
dlia modulatsii dobrotnosti rezonatora
OKG/. 06 p1012 A67-18789
Continuous operation with nitrogen cooling
for injection lasers and the temperature
dependence of the threshold
current. 18 p3059 A67-33730
Use of a semiconductor mirror for laser
Q-switching. 18 p3059 A67-33731
Effect of temperature on the spectrum
and threshold current of GaAs-based
epitaxial injection lasers /O vliyanii
temperatury na spektr i porogovyi tok
epitaksial'nykh inzhektionsionnykh lazerov na
osnove GaAs/. 19 p3238 A67-34773
Spectral characteristics of injection lasers
/O spektral'nykh kharakteristikakh
inzhektionsionnykh lazerov/. 19 p3238 A67-34774
- MANKOVITZ, R. L.**
The analysis and configuration of a control
system for a Mars propulsive
lander. 22 p3898 A67-39177
- MANKUTA, H.**
Preliminary design of the "Arava" STOL
airplane. 11 p1743 A67-24213
- MANLEY, O. P.**
Interaction of relativistic particles with
magnetic fields. 17 p2952 A67-33320
- MANN, A. E.**
Solar cell array for lunar surface
operations. 23 p3939 A67-41510
- MANN, H. T.**
Temperature dependent tunneling in
dielectric films. 02 p0295 A67-11763
- MANN, J. A.**
Life cycle cost
coordination. 23 p4085 A67-40586
- MANN, J. F.**
A family of microcircuit computers for
military and civil aircraft. 01 p0029 A67-10668
- MANNE, R.**
Molecular orbitals and inner-electron-shell
chemical shifts for sulfur and chlorine oxy-
anions. 18 p2998 A67-34520
- MANNERY, E. J.**
Spectral and location measurements of
several cosmic X-ray sources including a
variable source in
Centaurus. 21 p3698 A67-38564
- MANNING, G. B.**
A comparison of oil and gas lubrication
systems for closed-loop gas-turbine
machinery.
[ASME PAPER 67-GT-3] 11 p1799 A67-24791
- MANNING, L. A.**
Comparison of several trajectory modes
for manned and unmanned missions to
Mercury - 1980-2000.
[AIAA PAPER 67-28] 06 p1086 A67-18333
Trajectory modes for manned and
unmanned missions to Mercury -
1980-2000. 21 p3700 A67-37782
- MANO, K.**
Transient junction temperature rise and
failure energy of
transistors. 01 p0040 A67-11235
Transient junction temperature rise and
second breakdown in
transistors. 07 p1156 A67-19900
Classification of wave phenomena and its
relation to coherence
theory. 09 p1460 A67-21586
Large-signal transient response of the
junction transistor - Variation of switching
time with driving
current. 10 p1803 A67-22772
Fundamental considerations for transistor
oscillator design. 21 p3598 A67-38602
- MANOLI, S. H.**
Types of negative-immittance-converter
circuits /Schaltungstypen von Negativ-
Immittanz-Konvertern/. 11 p1769 A67-24129
- MANOS, W. P.**
Laminar heat transfer between parallel
planes with relative motion and pressure
gradient. 04 p0729 A67-15808
- MANSALL, J. R.**
An S-band travelling wave
phototube. 09 p1479 A67-22279
Tunable microwave-frequency light
modulator. 15 p2501 A67-30141
- MANSFIELD, E. H.**
On the large-deflexion vibrations of elastic
plates. 16 p2764 A67-30841
Optimum tapers for eccentrically loaded
ties. 22 p3914 A67-40066
- MANSFIELD, V. N.**
Radiation from a charged particle spiraling
in a cold magnetoplasma. 09 p1562 A67-22228
- MANSHILINA, A. A.**
Determination of the coupling coefficients
of the cosmic-ray neutron component
according to data obtained by the schooner
Zaria /Opredelenie koeffitsientov svyazi
neutronnoi komponenty kosmicheskikh luchej
po dannym shkhuny
"Zaria"/. 05 p0882 A67-16125
Latitudinal effect of the neutron
component from measurements performed
on the schooner "Zaria" in 1960 /Shirotnyi
effekt neutronnoi komponenty po
izmereniyam na shkhune "Zaria" v 1960
g./. 17 p2933 A67-32092
Determination of the coupling coefficients
for the neutron component of cosmic rays
on the basis of the data collected by the
schooner "Zarya." 24 p4215 A67-42801
- MANSON, A. H.**
Mesospheric electron number densities at
35 deg S latitude. 08 p1378 A67-21483
Inherent limitation of the wave interaction
experiment. 11 p1785 A67-23946
- MANSON, J. E.**
The spectrum of the quiet sun between 30
and 128 angstrom units for November,
1965. 09 p1568 A67-22232
- MANSON, L.**
A periodic nonuniform heat-transfer
mechanism in film
boiling. 08 p1427 A67-21321
Cooldown of shrouded spherical vessels in
liquid nitrogen. 13 p2229 A67-27666
- MANSON, N.**
Utilization of the Doppler effect obtained
by reflection of centimeter waves on a
detonation front propagating in gas mixtures
/Utilisation de l'effet Doppler obtenu par
reflexion d'ondes centimetriques sur le front
de la detonation se propageant dans des
melanges gazeux/. 01 p0186 A67-10229
Characteristics of detonations in liquid
mixtures of nitropropane II and nitric acid
/Caracteristiques des detonations dans les
melanges liquides de nitropropane II avec
l'acide nitrique/. 04 p0726 A67-15495
Electrical conductivity of the detonation
products of a propane-oxygen-nitrogen
mixture /Conductivite electrique des
produits de detonation du melange propane-
oxygene-azote/. 09 p1581 A67-22581
Practical calculation of the thermodynamic
properties of plasmas /Metodika rascheta
termodinamicheskikh svoystv
plazmy/. 17 p2894 A67-32146
Reflection of an electromagnetic wave on
the front of a detonation wave in gaseous
mixtures /Reflexion d'une onde
electromagnetique sur le front d'onde de
detonation dans les melanges
gazeux/. 17 p2970 A67-32806
Propagation and vibratory phenomena of
cylindrical and expanding detonation waves
in gases. 18 p3153 A67-33822
- MANSON, S. S.**
Crack initiation and propagation in
notched fatigue
specimens. 16 p2771 A67-31297
Interfaces between fatigue, creep, and
fracture. 16 p2774 A67-31316
A method of estimating high temperature
low cycle fatigue behavior of
materials. 16 p2777 A67-31813
Application of a double linear damage rule
to cumulative fatigue. 24 p4170 A67-41951

- Application of a method of estimating high temperature low cycle fatigue behavior of materials. 24 p4251 A67-42483
MANSUR, F.
 Metal coated whiskers. 03 p0444 A67-13434
MANSUROV, KH.
 A single-parameter apparatus for function approximation /Ob odnom odnopolarnicheskom apparate priblizheniya funktsii/. 11 p1813 A67-24849
MANSUROV, S. M.
 Magnetic-field variations in Antarctica which are characteristic of the quiet state of the magnetosphere /Variatsii magnitnogo polia v Antarktike, kharakternye dlia tskolnogo sostoiianiia magnitosfery/. 17 p2847 A67-32949
MANSUROVA, L. G.
 Magnetic-field variations in Antarctica which are characteristic of the quiet state of the magnetosphere /Variatsii magnitnogo polia v Antarktike, kharakternye dlia spokoinogo sostoiianiia magnitosfery/. 17 p2847 A67-32949
MANTEI, T. D.
 On the interpretation of ionospheric resonances stimulated by Alouette 1. 07 p1179 A67-19916
 Observation of resonance rectification effects in a magnetoplasma. 24 p4199 A67-43101
MANTLE, P. J.
 Air cushion craft propulsion. [AIAA PAPER 66-731A] 13 p2054 A67-27593
MANTLE, P. L.
 A new type of roughened heat transfer surface selected by flow visualization techniques. 04 p0727 A67-15801
MANTLE, R. A.
 The effects of three levels of hydration on thermal sweating. 24 p4110 A67-41781
MANTON, S. M.
 The heat transfer coefficient and lubricated contact temperature. 19 p3237 A67-35840
MANUCHAROV, V. A.
 Pilotless aircraft and missiles /Bespilotnye letatel'nye apparaty/. 15 p2564 A67-29242
MANUEL, E. H.
 Operational phase of the Minuteman program. [AAS PAPER 66-162] 08 p1430 A67-20977
 Operational phase of the Minuteman program. [AAS PAPER 66-162] 13 p2233 A67-27557
MANUEL, O. K.
 Isotopic anomalies of krypton and xenon in Canyon Diablo graphite. 16 p2750 A67-31438
MANUILOV, K. N.
 Method for calculating bimetallic sensing elements /O metodike rascheta bimetallicheskiikh chuvstvitel'nykh elementov/. 07 p1187 A67-19738
MANUILSKII, A. D.
 Conditions for self excitation of a laser operating in an inhomogeneously broadened band. 23 p4013 A67-40907
MANUKIN, A. B.
 Radio physical method for measuring small mechanical oscillations /Ob odnom radiofizicheskom metode izmereniia malykh mekhanicheskikh kolebani/. 05 p0805 A67-16357
 Ponderomotive effects of electromagnetic radiation /O ponderomotornykh effekтах elektromagnitnogo izlucheniia/. 14 p2349 A67-29075
MANUS, C.
 Research on ion propulsion /Recherches sur la propulsion ionique/. 04 p0689 A67-15021
 Synthesized plasma beams and electrostatic instabilities. 11 p1838 A67-24403
 Theoretical study of a nonequilibrium cesium plasma /Etude theorique d'un plasma de cesium hors equilibre/. 16 p2713 A67-30868
 Calculation of the characteristics of a nonequilibrium cesium plasma /Calcul des caracteristiques d'un plasma de cesium hors equilibre thermodynamique/. 19 p3294 A67-35417
MANWELL, A. R.
 On locally supersonic plane flows with a weak shock wave. 07 p1128 A67-20282
MANWELL, T.
 Spectral density of the possibly random fluctuations of 3C 273. 16 p2752 A67-31696
MANYKIN, E. A.
 Some features of the photoconductivity spectrum of semiconductors. 03 p0502 A67-14374
 Stability of the state of semiconductors with absolute negative conductivity /Ob ustoiichivosti sostoiianiia poluprovodnikov s absoliutnoi otritsatel'noi provodimost'iu/. 05 p0868 A67-17059
 Stability of the state of a semiconductor with absolute negative conductivity. 15 p2538 A67-29790
MANZHERON, D.
 Polygonal method for the approximate investigation of systems with nonlinear characteristics /Metod mnogougol'nogo priblizheniia v issledovanii sistem s nelineinymi kharakteristikami/. 21 p3657 A67-38551
MANZO, R.
 The impact of an on-board checkout system /OSC/ on a space station program. [AIAA PAPER 67-953] 24 p4245 A67-43037
MANZO, R. J.
 A systems approach to space support. [SAE PAPER 660688] 01 p0049 A67-10592
MAO, S.
 Phase-locking on pulsed Gunn oscillators. 03 p0382 A67-13672
MAO, Y.-Y.
 Studies by the C.C.I.R. on constraints in space communication. 21 p3581 A67-38235
MAPLE, J. H. C.
 The trapping of hydrogen ions in molybdenum, titanium, tantalum and zirconium. 17 p2810 A67-33384
MAPPER, D.
 The distribution of some trace elements in iron meteorites, as determined by neutron activation. 14 p2391 A67-28947
MAR, J.
 Passive spin propulsion of large flexible spherically shaped satellites by the solar radiation field. 05 p0905 A67-18588
MAR, J. W.
 The influence of shell behavior on the design of large antennas. 16 p2763 A67-30678
MARABLE, I. W.
 Normal human serum parameters for simulated altitude and aerospace flights. II - Estimation of change in albumin, gamma globulin, albumin/gamma globulin ratio, and a/g ratio. 01 p0015 A67-10951
MARANTZ, H.
 Relative intensities of the 5s super 2 P sub 3/2 goes to 4p super 2 D 5/2 and the 5s super 4 P sub 5/2 goes to 4p super 4 D sub 7/2 transitions in the Ar II laser. 07 p1195 A67-19580
MARATHAY, A. S.
 Optical image processing in incoherent and coherent illumination. 02 p0287 A67-12244
MARBLE, D. F.
 Some observations on the utility of multispectral photography for urban research. 01 p0058 A67-10309
MARBLE, F. E.
 Droplet agglomeration in rocket nozzles caused by particle slp and collision. 20 p3516 A67-37130
MARBURGER, J. H.
 Solutions of the damped oscillator Fokker-Planck equation. 22 p3817 A67-40486
MARCAL, P. V.
 Elastic-plastic analysis of two-dimensional stress systems by the finite element method. 10 p1719 A67-23456
 A comparative study of numerical methods of elastic-plastic analysis. 10 p1726 A67-23718
 Determination of upper bounds for problems in plane stress using finite element techniques. 14 p2403 A67-29014
MARCH, D. N.
 A meteor burst clock synchronization experiment. 09 p1494 A67-21618
MARCHAL, C.
 Optimal transfers between hyperbolic orbits - Nonzero planetary radius /Transferts optimaux entre orbites hyperboliques - Rayon planetaire non nul/. 01 p0152 A67-11411
 Optimization of the extra-atmospheric part of the ascending trajectory to an orbit. 10 p1704 A67-22877
 Optimization of the extra-atmospheric phase of the ascent into orbit. II /Optimisation de la phase extra-atmospherique de la montee en orbite. II/. 17 p2946 A67-32895
 Synthesis of the analytical results concerning optimal transfers between Keplerian orbits /time-free case/ /Synthese des resultats analytiques sur les transferts optimaux entre orbites Kepleriennes /duree indifferente/. 18 p3133 A67-34465
MARCHAL, CH.
 Calculation of the motion of artificial satellites from the exact solutions of the problem of two fixed centers /Calcul du mouvement des satellites artificiels a partir des solutions exactes du probleme des deux centres fixes/. 02 p0320 A67-11494
 Optimal transfers between elliptic orbits /any duration/ /Transferts optimaux entre orbites elliptiques /duree indifferente/. 16 p2745 A67-30739
MARCHAL, M.
 Interplanetary voyages and classical propulsion /Voyages interplanetaires et propulsion classique/. 14 p2392 A67-28961
MARCHAL, R.
 Relativity transformation formulas in thermodynamics /Formules de transformation relativistes en thermodynamique/. 01 p0166 A67-10772
 Gas turbines with pulsating combustion chambers /Turbines a gaz a chambres de combustion pulsatoire/. 05 p0873 A67-16743
 Formulas of relativistic transformation in thermodynamics /Formules de transformation relativistes en thermodynamique/. 18 p3159 A67-34119
MARCHAND, E. O.
 Mass transfer and first-order boundary-layer effects on sharp cone drag. II - At hypersonic conditions. [AIAA PAPER 66-33] 01 p0007 A67-11161
MARCHAND, M.
 Influence of the temperature of the hot source in the development of thermoelectric generators /Influence de la temperature de la source chaude dans la realisation des generateurs thermoelectriques/. 07 p1132 A67-20286
MARCHANT, A. C.
 Note on the testing of large glass panels. 10 p1652 A67-22701
MARCHANT, M.
 Multiple recording of holograms. 10 p1652 A67-22700
MARCHELLO, J. M.
 Turbulent transport coefficients in supersonic flow. 06 p1117 A67-18387
MARCHENKO, A. P.
 Investigation of ferromagnetic resonance in nickel and permalloy thin films /Issledovanie ferromagnitnogo rezonansa v tonkikh nikellakh i permalloyevykh plenkakh/. 12 p1981 A67-25244
MARCHENKO, G. A.
 Oscillations of plates in a gas flow /O kolebaniakh plastin v potoke gaza/. 05 p0923 A67-17188
MARCHENKO, V. A.
 Eigenvalue distribution in certain sets of random matrices /Raspredelenie sobstvennykh znachenii v nekotorykh ansamblakh sluchainykh matrits/. 14 p2343 A67-28501
MARCHENKO, V. F.
 Wave interaction in a nonlinear periodically inhomogeneous medium /O vzaimodelstvii voln v nelineinai periodicheski neodnorodnoi srede/. 19 p3185 A67-36020
 Study of the wave interaction in nonlinear periodically inhomogeneous lines /Issledovanie vzaimodelstvii voln v nelineinnykh periodicheski neodnorodnykh liniakh/. 19 p3185 A67-36021
MARCHENKO, V. M.
 CaF sub 2 -Sm super 2 super plus laser with ruby laser excitation. 05 p0820 A67-16661
 Temperature fields and stresses in the construction of flight vehicles /Temperaturnye polia i napriazheniia v konstruktsii letatel'nykh apparatov/. 18 p3145 A67-34705
MARCHESE, B.
 Morphological considerations on the Tucson meteorite /Alcune osservazioni morfologiche sulla meteorite Tucson/. 03 p0510 A67-13350
MARCHETTI, G.
 The effects of distortions introduced from the ionosphere into the reception of PAM-FM signals originating from an artificial satellite /Sugli effetti delle distorsioni introdotte dalla ionosfera nella ricezione di segnali PAM-FM, provenienti da un satellite artificiale/. 13 p2070 A67-27197

- Some clarifications regarding multichannel radar /Alcuni chiarimenti in merito al radar multicanale/. 18 p3002 A67-34228
- MARCHETTI, R. M.**
An approach to control optimization for nonlinear systems. 19 p3199 A67-34825
- MARCHI, R. P.**
Impact expansions in classical and semiclassical scattering. 01 p0112 A67-10143
Collision spectroscopy. 22 p3839 A67-39205
- MARCHUK, A. N.**
Properties of planar nonsymmetric dielectric waveguides with a dielectric base /Svoistva ploskikh nesimmetrichnykh dielektricheskikh volnovodov na podlozhe iz dielektrika/. 13 p2069 A67-27028
- MARCHUK, G. I.**
Existence theorem for the solution of the short term weather forecast problem /Teorema sushchestvovaniya resheniya zadachi kratkosrochnogo prognoza pogody/. 03 p0462 A67-13834
Results of the solution to certain problems of atmospheric optics by the Monte Carlo method /Rezultaty resheniya nekotorykh zadach atmosfery optiki metodom Monte-Karlo/. 14 p2313 A67-28767
The solution of problems of atmospheric optics by a Monte-Carlo method. 21 p3618 A67-38428
- MARCHUK, R. I.**
Solution of problems of atmospheric optics by the Monte Carlo method /O reshenii zadach atmosfery optiki metodom Monte-Karlo/. 13 p2151 A67-26684
- MARCHUKOV, B. A.**
Dynamics of relay servo systems with dry friction and delay in the case of random disturbances /Dinamika releyinykh pribornykh slediaschikh sistem s sukhim treniem i zapazdyvaniem pri sluchaynykh vozmushcheniyakh/. 20 p3451 A67-37152
- MARCILLAT, J.**
Pressure and density of a heat flux convected on a sharp-pointed cone placed in incidence /Pression et densite de flux de chaleur convectee sur un cone a pointe vive place en incidence/. 02 p0177 A67-11499
- MARCINIAK, Z.**
Loss of stability in plastic shells under tensile loading /Utrata statecznosci rozciaganych powlok plastycznych/. 07 p1261 A67-19190
- MARCOS, H. M.**
Mechanisms of energy transfer involving trivalent Tb and Eu. 01 p0134 A67-10874
Dielectric and electro-optic properties of lead magnesium niobate. 11 p1803 A67-24834
- MARCOTTE, A. U.**
The IBM System/360 Model 91 - Storage system. 11 p1755 A67-23952
- MARCOU, C.**
Experimental study of the generation of a swell by means of a flat paddle board in translational motion /Etude experimentale de la generation de la houle engendree par un volet plan en translation/. 22 p3783 A67-39646
- MARCUS, A.**
Comments on "Distribution of craters on the lunar surface." 05 p0903 A67-17295
Further tests for randomness of lunar craters. 15 p2554 A67-29458
- MARCUS, A. H.**
A stochastic model of the formation and survival of lunar craters. 04 p0696 A67-14739
A stochastic model of the formation and survival of lunar craters. 08 p1397 A67-21209
Statistical model of a flooded random surface and applications to lunar terrain. 11 p1863 A67-24556
- MARCUS, H.**
A study of precipitation in stainless and maraging steels using the Moessbauer effect. 02 p0256 A67-12705
- MARCUS, H. L.**
Moessbauer spectra of FeMo alloys. 24 p4203 A67-42108
- MARCUS, R. A.**
On the theory of chemical-reaction cross sections. I - A statistical-dynamical model. 01 p0019 A67-10884
- MARCUS, R. B.**
Structure of very thin tantalum and molybdenum films. 04 p0677 A67-15101
- MARCUS, S. M.**
Theory of inelastic electron-molecule interactions in tunnel junctions. 10 p1689 A67-23074
- MARCUSE, D.**
Probability of ray position in beam waveguides. 13 p2066 A67-26476
- MARCUVITZ, N.**
Progress in radio waves and transmission of information. 06 p0962 A67-18071
Source-free solutions in plasma. 14 p2358 A67-28461
- MARD, K. C.**
Transmission noise control - Approaches in helicopter design. [ASME PAPER 67-DE-58] 14 p2328 A67-28883
- MARDERFELD, B. E.**
Influence of local geoelectric conditions on the sudden commencement of magnetic storms. 07 p1174 A67-19712
- MAREC, J. P.**
Electric propulsion and exploration of the planets /Propulsion electrique et exploration des planetes/. 14 p2377 A67-28962
Economic Hohmann type transfers between coplanar, near-circular, coaxial close orbits /Fixed duration, limited thrust/ /Transferts economiques plans de type Hohmann entre orbites quasi-circulaires coaxiales proches /duree fixe, pousse limitee/. 20 p3527 A67-37258
- MAREC, J.-P.**
Economic impulse transfers between near quasi-circular, noncoplanar orbits /Transferts impulsions economiques entre orbites quasi-circulaires proches, non coplanaires/. 01 p0152 A67-11404
Minimum-fuel transfers between infinitely close orbits /Transferts economiques entre orbites infiniment proches/. 16 p2744 A67-30738
- MARECHAL, J.**
Experimental apparatus for the study of plane deformation of homogeneous turbulence /Dispositif experimental pour l'etude de la deformation plane de la turbulence homogene/. 20 p3420 A67-36393
- MAREE, J. P.**
Airglow and enhanced penetrating electromagnetic radiation in the southern radiation anomaly. 12 p1996 A67-25775
- MAREK, K. H.**
Satellite camera of the Potsdam Geodetic Institute /Die Satellitenkamera des geodetischen Instituts Potsdam/. 07 p1187 A67-19763
- MARENHOLTZ, P. E.**
Programmable solar array simulator. 08 p1315 A67-20660
- MARENNIKOV, S. I.**
Method for measuring laser frequency variations /Ob odnom metode izmeneniya chastoty opticheskikh kvantovykh generatorov/. 03 p0433 A67-13094
Excitation of ultrasonic vibrations in crystals under the action of ruby laser radiation. 08 p1337 A67-20417
Ultrasonic device for the measurement of laser radiation power /Ul'trazvukovoi pribor dlia izmereniya moshchnosti izlucheniya opticheskogo kvantovogo generatora/. 15 p2485 A67-29125
- MARET, G.**
Solar-sensor system for the D-2 satellite /Le systeme de senseurs solaires pour le satellite D-2/. 21 p3629 A67-38666
- MARETTE, D.**
"Burner 2" final stage /L'etage terminal "Burner 2"/. 21 p3713 A67-38379
- MARFAING, Y.**
Semiconductor lasers and fast detectors in the infrared /3 to 15 microns/. 05 p0821 A67-16668
Determination of the lifetime and the recombination mechanism in n-type Cd sub 0.23 Hg sub 0.77 Te alloy /Determination de la duree de vie et du mecanisme de recombinaison dans l'alliage Cd sub 0.23 Hg sub 0.77 Te de type n/. 24 p4205 A67-42664
- MARFINA, L. L.**
On the reactivity and resistance of warm-blooded animals /K probleme reaktivnosti i rezistentnosti teplokovnykh zhivotnykh/. 24 p4111 A67-41849
Histochemical investigation of tissue enzymes during hypothermia and hypobiosis /Gistokhimicheskoe issledovanie tkanykh fermentov pri gipoterml i gipobioze/. 24 p4112 A67-41853
- MARGASON, B. E.**
Design of test pads for transient loadings. [AIAA PAPER 67-550] 19 p3208 A67-35947
- MARGEN, S.**
Morphological changes in human scalp hair roots during deprivation of protein. 19 p3177 A67-34954
- MARGENAU, H.**
Theory of plasma radiation. 19 p3284 A67-35339
I. Theory of plasma radiation. 19 p3284 A67-35340
II. Image analysis by Fourier transformation into incoherent illumination /Analyse d'image par transformation de Fourier en eclairage incoherent/. 16 p2671 A67-30863
- MARGERUM, D. L.**
Self-phased arrays. 07 p1152 A67-19549
- MARGOLIN, A. D.**
Boundary layer on the free surface of a hollow vortex /O pogrannichnom sloe na svobodnoi poverkhnosti pologo vikhria/. 06 p0982 A67-17728
Nonstationary combustion of a powder under the action of a pressure pulse. 06 p1112 A67-17957
Normal combustion stability of porous systems under constant pressure /Ob ustoiichivosti normal'nogo goreniya poristykh sistem pod postolannym davleniem/. 12 p2039 A67-26112
Conditions for ignition of the pore walls in the burning of a porous charge. 17 p2974 A67-33142
- MARGOLIN, G. G.**
Use of multipoint excitation of electrodynamic analogs /O primeneni mnogotochechnogo vozbuzhdeniya analogov/. 06 p1109 A67-18667
A revised theory of elastic shape modification for an anisotropic fiber-glass-reinforced plastic /Korigovana teoriya pruzhnol formozmini dlia anizotropnogo skloplostika/. 21 p3649 A67-37907
- MARGOLIN, H.**
The thallium-indium system at elevated pressures and temperatures. 04 p0635 A67-14511
Titanium-chromium-vanadium system. 11 p1806 A67-24362
- MARGOLIS, D. P.**
The influence of a wide-angle diffuser on turbulent velocities. [ASME PAPER 67-FE-23] 14 p2243 A67-28368
Probability density measurements in a curved mixing layer. 16 p2660 A67-31219
Pressure fluctuations beneath an incompressible turbulent boundary layer with mass addition. 18 p3030 A67-34742
Turbulent and pressure transport in a curved mixing layer. 18 p3030 A67-34751
- MARGOLIS, W. S.**
Alloy effects in the low-pressure diffusion bonding of superalloys. 17 p2866 A67-33200
- MARGONINSKI, Y.**
Unique determination of the parameters of surface recombination centers in semiconductor. 15 p2534 A67-29326
- MARGOSHES, M.**
Laser probe excitation in spectrochemical analysis. I, II. 05 p0824 A67-16786
Excitation and ionization in arc and spark spectroscopic sources. 12 p1968 A67-25432
- MARGOSIAN, P. M.**
Experimental mercury bombardment thruster at submillipound thrust. [AIAA PAPER 66-247] 10 p1698 A67-23120
Experimental evaluation of a two-directional electron-bombardment ion thruster. [AIAA PAPER 66-284] 12 p1990 A67-25891
- MARGOTTIN-MACLOU, M.**
Study of the recovery time of a CO sub 2 laser excited by pulse discharges /Etude du temps de recouvrement du laser a gaz carbonique excite par decharges impulsiones/. 23 p4011 A67-40692
- MARGRAVE, J. L.**
Mass-spectrometric studies at high temperatures. IX. 03 p0367 A67-13519
Mass spectrometric studies at high temperatures. XVI. 20 p3377 A67-37135
- MARIA-SUBE, R.**
Calculation, by electrical analogy, of the incompressible and rotational axisymmetric flow around a variable-circulation streamlined propeller /Calcul par analogie electrique de l'ecoulement axisymetrique rotationnel et incompressible autour d'une helice carenee a circulation variable/. 18 p3025 A67-33681
- MARIAMOV, A. G.**
Cylindrical coordinate system describing the motion of artificial satellites /Sistema

- tsilindricheskikh koordinat dlia opisaniia dvizheniia iskusstvennykh sputnikov/. 02 p0321 A67-11547
- A cylindrical coordinate system for describing the motion of artificial satellites. 16 p2752 A67-31613
- MARIAMOVA, I. I.**
- Tensometric properties of silicon whiskers and acicular single crystals /Tenzometricheskie svoystva nitevidnykh i igol'chatykh monokristallov kremnii/. 18 p3097 A67-33473
- Investigation of the performance of silicon AC strain gages operating in the static and dynamic modes /Issledovanie raboty kremnlevykh tenzodatchikov na peremennom toke v staticheskoi i dinamicheskoi rezhimakh/. 22 p3798 A67-39569
- MARIAN, E. J.**
- Application of thermoelectric cooling to avionics system LRU's. 05 p0754 A67-17454
- MARIANI, F.**
- Results on magnetic field inside and outside the magnetosphere. 02 p0320 A67-11461
- Geomagnetic, auroral, ionospheric and cosmic-ray perturbations - Interdependence and relationship with solar activity /Perturbazioni geomagnetiche, aurorali, ionosferiche e del raggi cosmici - Interdipendenze e relazioni con l'attivita solare/. 07 p1183 A67-20174
- MARIANO, A. N.**
- Polymorphism in some IV-VI compounds induced by high pressure and thin-film epitaxial growth. 15 p2539 A67-29822
- MARIANOVSKII, D. I.**
- Transients in linear automatic-control systems. 08 p1313 A67-21324
- MARIENFELD, H.**
- A gimbal-mounted, servo-controlled aircraft model for the simulation of flight-mechanical motions /Ein kardanisch gelagertes, servogesteuertes Flugzeugmodell zur Simulation flugmechanischer Bewegungen/. 18 p3019 A67-33458
- MARIETTI, P.**
- Laser damage on semiconductor surfaces. 23 p4045 A67-41470
- MARIK, M.**
- The generation of magnetohydrodynamic waves in sunspots. 01 p0151 A67-11283
- Heating of the chromosphere above a sunspot /Nagrev khromosfery nad solnechnym platom/. 15 p2551 A67-29142
- Chromospheric heating above a sunspot. 24 p4239 A67-43065
- MARIKIAN, G. A.**
- On the ionizing accompaniment of approximately 170 BeV nucleons at 2000 meters altitude. 02 p0312 A67-12609
- Absorption path of nuclear-active cosmic radiation particles /Probeg pogloshcheniia laderno-aktivnykh chastits kosmicheskogo izlucheniia/. 06 p1078 A67-18795
- Study of the nuclear-active component of cosmic rays /Ob issledovanii laderno-aktivnoi komponenty kosmicheskikh luchei/. 12 p1947 A67-26095
- Absorption path of nuclear-active cosmic-ray particles. 18 p3116 A67-34414
- Dependence of the cross section of nuclear interaction on the atomic weight of the material /K voprosu o zavisimosti secheniia ladernogo vzaimodelstviia ot atomnogo vesa veshchestva/. 24 p4219 A67-42847
- MARIN, GH.**
- On the influence of some boundary conditions on gas lubrication. 20 p3453 A67-36273
- MARIN, J.**
- Rotating principal stress axes in high-cycle fatigue. [ASME PAPER 66-WA/MET-9] 04 p0712 A67-15374
- Cumulative damage and effect of mean strain in low-cycle fatigue of a 2024-T351 aluminum alloy. [ASME PAPER 65-WA/MET-5] 05 p0827 A67-18214
- MARIN, N. P.**
- Radio wave propagation in an ionized cloud artificially produced in the earth's inhomogeneous atmosphere. 07 p1143 A67-19691
- MARINACCIO, R. E.**
- Signal-to-noise performance of SEC camera tube at reduced readout rates. 22 p3773 A67-39961
- MARINESCU, AL.**
- Contributions to the study of certain optimal maneuvers for vehicle rendezvous in circular orbits /Contributions a l'etude de certaines manoeuvres optimales pour le rendez-vous des engins sur les orbites circulaires/. 16 p2758 A67-30652
- MARINI, M.**
- Investigation of a supersonic jet at an angle of attack in a supersonic stream /Studio di un getto supersonico disposto ad incidenza non nulla in una corrente supersonica/. 02 p0177 A67-11523
- MARINO, L. L.**
- Charge transfer between alkali-metal ions and cesium atoms. 04 p0661 A67-15766
- MARINO, P. A., JR.**
- Measurement of acoustic resistance at sound-pressure levels to 171 db. 19 p3311 A67-34963
- MARINOV, IU. P.**
- Theory of transistorized LC oscillators with n tank circuits /O teorii tranzistornykh LC-generatorov s n kolabatel'nyimi konturami/. 06 p0972 A67-18894
- MARION, E. D.**
- Through the looking glass with high-performance insulation. [AIAA PAPER 67-469] 18 p3162 A67-33939
- MARISHCHUK, V. L.**
- Changing of the psychophysiological state of the organism by autogenous and exogenous suggestion /Izmenenie psikhofiziologicheskogo sostoiianiia organizma putem autogennogo i ekzogenno vnusheniia/. 24 p4112 A67-41855
- MARK, D.**
- No design checkmates. 03 p0375 A67-13712
- MARK, F. F.**
- A high pressure hypersonic gun tunnel. 21 p3607 A67-37779
- MARK, H.**
- Spectral and location measurements of several cosmic X-ray sources including a variable source in Centaurus. 21 p3698 A67-38564
- Proportional counters and electronic systems for observing cosmic X-rays. 23 p4001 A67-41222
- MARK, H. F.**
- The nature of polymeric materials. 20 p3474 A67-37713
- MARK, J. T.**
- Vacuum envelopes for ultra high vacuum systems. 02 p0250 A67-12452
- MARK, P.**
- Effects of chemisorbed oxygen on the electrical properties of chemically sprayed Cds thin films. 10 p1689 A67-22910
- MARK, R. P.**
- Stekometer made in Jena with automatic recording device /Stekometr z Jeny z urazdeniem do rejestracii avtomatycznej/. 09 p1497 A67-21751
- MARK, S. D., JR.**
- Metallic fibers. 06 p1019 A67-18558
- MARKARD, E. W.**
- Superconducting microwave filters. 14 p2289 A67-28915
- MARKARIAN, B. N.**
- Effect of boundary conditions on current flow in a thermal cesium plasma. 08 p1357 A67-20845
- MARKEEV, A. P.**
- Resonance effects and the stability of steady-state satellite rotations /Rezonansnye efekty i ustoiichivost' statsionarnykh vrashchenii sputnika/. 17 p2955 A67-32243
- Rotational motion of a dynamically symmetrical satellite on an elliptic orbit /O vrashchatel'nom dvizhenii dinamicheskoi simmetrichnogo sputnika na ellipticheskoi orbite/. 21 p3713 A67-38588
- MARKEEV, B. M.**
- Dynamics of quasilinear relaxation in an unstable inhomogeneous plasma. 23 p4032 A67-40911
- MARKELOV, B. A.**
- The problem of verifying the permissible doses of ionizing radiation for space-vehicle crews /Problema obosnovaniia dopustimykh doz ionizirulushchei radiatsii dlia chlenov ekipazha kosmicheskikh korablei/. 16 p2617 A67-30764
- MARKEVICH, K. V.**
- Use of the electroinductive method for the testing of certain threaded components. 16 p2681 A67-31917
- MARKHAM, B. G.**
- Reliability in aero engines. 13 p2188 A67-27000
- Reliability assurance and the Concord engines. [SAE PAPER 670316] 17 p2929 A67-32978
- MARKHAM, T. P.**
- Some airborne night airglow OI latitude observations. 16 p2667 A67-31517
- MARKHASHOV, L. M.**
- On conformally-invariant motions of a material point. 07 p1224 A67-20026
- MARKIEWICZ, J. P.**
- Design of flashlamp driving circuits. 19 p3192 A67-35015
- MARKIN, A. S.**
- Investigation of the length and shape of a giant pulse as a function of the population inversion coefficient. 06 p1010 A67-17876
- Self-synchronization of axial modes in a laser with saturable filters. 23 p4013 A67-40908
- MARKIN, E. P.**
- Angular divergence of gas-laser radiation and interaction of angular modes. 20 p3459 A67-36689
- MARKINA, A. K.**
- Orbital elements of meteors according to photographic observations in 1960 and 1961 /Elementy orbit meteorov po fotograficheskimi nabludeniiam v 1960-1961 gg./. 13 p2196 A67-26496
- MARKINA, N. G.**
- Angular distribution of reflected radiation according to IL-18 aircraft data of 1964 /Uglovoe raspredelenie otrazhennoi radiatsii po dannym poletov na samolete IL-18 v 1964 g./. 07 p1220 A67-19452
- MARKIV, V. IA.**
- X-ray studies of the Nb-Ni-Al system /Rentgenostrukturnoe issledovanie sistemy Nb-Ni-Al/. 04 p0638 A67-15204
- R/X', X'' sub 2 compounds with R equals Ti, Zr, Hf, X' equals Fe, Co, Ni, Cu, X'' equals Al, Ga systems and their crystalline structures /Soedineniia R/X', X'' sub 2 v sistemakh s R equals Ti, Zr, Hf, X' equals Fe, Co, Ni, Cu, X'' equals Al, Ga i ikh kristallicheskie struktury/. 05 p0830 A67-16919
- Study of the phase diagram of titanium-rich alloys of the system Ti-Al /Issledovanie diagrammy ravnovesiia bogatykh titanom spлавov sistemy Ti-Al/. 07 p1204 A67-19267
- Compounds of the type R/X', X'' sub 2 in systems with R equals Ti, Zr, Hf, X' equals Fe, Co, Ni, Cu, and X'' equals Al, Ga and their crystal structures. 14 p2337 A67-28259
- Ternary intermetallic compounds in the system Ni-Ti-Nb. 16 p2691 A67-31593
- MARKLAND, E.**
- Calculation of heat transfer to turbine blading in the presence of secondary flow. 13 p2225 A67-27465
- MARKLEIN, W.**
- Control behavior of a VTOL aircraft in transition and the control considerations that derive from it /Das Steuerverhalten eines Senkrechstarters im Uebergangsflug und regeltechnische Folgerungen/. 03 p0358 A67-12982
- MARKLUND, I.**
- Failure mechanisms in Gunn diodes. 14 p2290 A67-28927
- MARKMAN, IA. B.**
- Axisymmetric deformation of a circular two-layer plate with closely spaced rod couplings /Osesimmetrichnaia deformatsiia krugloi dvukhsloinoi plastinki s chastymi sterzhnevymi svyaziami/. 03 p0527 A67-14070
- MARKO, A.**
- A new versatile miniature multi-channel personal telemetry system for medical research. 14 p2259 A67-28688
- A telemetry system for physiological evaluation of space suits. 23 p3969 A67-41651
- MARKOCHEV, V. M.**
- Discussion on methods of estimating the tendency of metals and alloys toward brittle failure - Method of estimating the critical length of a crack in a single loading. 08 p1342 A67-21176
- MARKOFF, M. G.**
- The concept of peaceful utilization in international cosmic law /La notion d'utilisation pacifique en droit international cosmique/. 12 p2044 A67-26152
- MARKOV, A. A.**
- Asymptotic investigation of a viscous compressible gas flow around a blunt body /Asimptoticheskoe issledovanie techeniia viazkogo szhimaemogo gaza okolo zatuplennogo tela/. 22 p3740 A67-40014

- MARKOV, A. I.**
Ultrasonic machining of intractable materials. 17 p2865 A67-32200
- MARKOV, A. V.**
On the relative depths of the moon's mountain rings and craters in the region of Mare Nubium. 08 p1390 A67-21027
- MARKOV, G. T.**
Excitation of a metallic sphere with a large electrical diameter by arbitrary distribution of excitation sources /Vozbuzhdeniye metallicheskoogo shara bol'shogo elektricheskogo diametra proizvol'nym raspredeleniem istochnikov/. 02 p0191 A67-11577
Excitation of impedance bands on wedges. 08 p1295 A67-21273
- MARKOV, M. N.**
Investigation of the angular distribution of terrestrial thermal radiation to outer space in the August 27, 1958 flight of a geophysical rocket. 14 p2306 A67-27860
Cosmos 45 measurements of the angular and spectral distribution of the earth's infrared radiation. 14 p2306 A67-27861
The lunar surface absorption spectrum in the range of 0.8-13 mu. 18 p3122 A67-34139
- MARKOV, V. A.**
Phase-frequency characteristic of two-section and three-section band pass filters. 08 p1305 A67-21279
- MARKOVA, T. P.**
Investigation of the electric conductivity of the vitreous system arsenic-sulfur-thallium. 06 p1053 A67-18615
- MARKOVICH, K. P.**
Study of the heat resistance of the titanium alloy AT3 after ordinary and mechanochemical treatment /Issledovanie zharoprochnosti titanovogo splava AT3 posle obychnoi i mekhaniko-termicheskoi obrabotki/. 07 p1206 A67-19284
Investigation of the phase equilibrium in a cross section of the Ti-Al-Cr-Fe-Si-B system /Issledovanie fazovogo ravnovesia chastii sistemy Ti-Al-Cr-Fe-Si-B/. 16 p2687 A67-30849
- MARKOVSKII, E. A.**
Effect of irradiation on certain characteristics of niobium and its alloys /Vliyanie obлучeniia na nekotorye kharakteristiki nioblia i ego splavov/. 17 p2874 A67-32898
- MARKOVSKII, N. V.**
Experimental investigation of the Hall effect in a low-temperature plasma under variable-sign magnetic-field conditions /Eksperimental'noe issledovanie lavlenii Kholla v nikitotemperaturnoi plazme v usloviakh znakoperemennogo magnitnogo polia/. 01 p0120 A67-10175
Experimental investigation of the Hall effect in a low-temperature plasma in a nonhomogeneous magnetic field /Eksperimental'noe issledovanie effekta Kholla v nizkotemperaturnoi plazme v neodnorodnom magnitnom pole/. 09 p1541 A67-21803
- MARKOW, B.**
Neutron damage in silicon solar cells. 23 p3940 A67-41520
- MARKOW, E.**
Lunar exploration systems LEM Truck-shelter. 08 p1316 A67-21084
- MARKOWITZ, D.**
Energy gap and thermal conductivity of pure and impure superconducting tin. 10 p1687 A67-22762
- MARKOWITZ, W.**
Clock synchronization via Relay II satellite. 09 p1494 A67-21617
Synchronization of clocks via satellites. 14 p2263 A67-28391
The irregular variation in the speed of rotation of the earth. 24 p4150 A67-42312
- MARKS, B. N.**
The cold starting and service test evaluation of an SAE 10W30 aircraft engine oil. [SAE PAPER 670249] 11 p1811 A67-23982
- MARKS, C. D.**
Advanced materials and structures for entry systems. [AIAA PAPER 67-805] 24 p4251 A67-42964
- MARKSTEIN, G. H.**
Heterogeneous reaction processes in metal combustion. 18 p3149 A67-33797
- MARKUS, H.**
Crack resistance properties of high strength aluminum alloys. 16 p2688 A67-31308
- MARKUS, L.**
Stability of the optimal control problem. 10 p1620 A67-23423
- MARKUS, M.**
Some remarks on Z-pinch onset in an electron-hole plasma in n-InSb. 18 p3098 A67-33523
- MARKUS, M. M.**
Chemical bond and structure of the ternary compound InAsTe. 20 p3506 A67-36226
- MARKUSEN, A.**
The survival of micro-organisms in space - Further rocket and balloon-borne exposure experiments. 15 p2424 A67-29097
- MARKUSH, I. I.**
Asymptotic representation of the solution to a mixed problem for a differential equation of hyperbolic type with a small parameter /Ob asimptoticheskom predstavlenii resheniia smeshannoi zadachi dlia differentsial'nogo uravneniia giperbolicheskogo tipa s malym parametrov/. 13 p2144 A67-26377
- MARLATT, W. E.**
A method of showing what a radiometer "sees" during an aircraft survey. 01 p0063 A67-10327
Remote and in situ temperature measurements of land and water surfaces. 13 p2117 A67-27606
- MARLE, C.**
The principles of generation of electric energy by magnetohydrodynamics /Les principes de la production d'energie electrique par magnetohydrodynamique/. 24 p4098 A67-42413
- MARLENSKII, A. D.**
Orientation in interplanetary flights by means of equipment based on the use of rigidly fastened and oppositely pointed telescopes. 11 p1751 A67-24084
- MARLOW, W. C.**
Hakenmethode. 23 p4002 A67-41264
- MARMAN, J.**
Mi-10 - Soviet heavyweight champ. 02 p0181 A67-12201
- MARMER, E. N.**
High-temperature Materials /Vysokotemperaturnye Materialy/. 21 p3645 A67-38600
- MARMEY, R.**
Measurement of the internal wall pressure of obstacles in hypersonic wind tunnels with reflected shock waves /Mesure de la pression a la paroi des obstacles dans les souffleries hypersoniques a choc reflexif/. 01 p0005 A67-10259
Effects of the angle of incidence on the wall heat flux in the plane of symmetry of a cone of revolution in the hypersonic regime /Effets de l'incidence sur le flux de chaleur parietal dans le plan de symetrie d'un cone de revolution en regime hypersonique/. 24 p4092 A67-42660
- MARMO, F. F.**
The measurement of resonance scattering from solar-illuminated lunar atmospheric constituents. 06 p1091 A67-18999
- MAROLI, C.**
On the dynamics of weakly ionized gases. 13 p2187 A67-27003
Electromagnetic-wave propagation in a weakly ionized plasma. II. 14 p2355 A67-27954
- MAROM, E.**
Color imagery by wavefront reconstruction. 09 p1496 A67-21710
Pulsed hologram formation of diffusely reflecting objects. 19 p3233 A67-36102
- MARON, V. I.**
Ejection of a fluid into the boundary layer on a thin plate /Vybrasyvanie zhidkosti v pogranichnyi sloi na ploskoi plastinke/. 18 p3025 A67-33571
- MARONCHUK, I. E.**
Electrical properties of epitaxial layers of gallium arsenide /Elektricheskie svoystva epitaksial'nykh sloev arsenida gallia/. 19 p3300 A67-34770
- MARONCHUK, I. U. E.**
Electrical properties of epitaxial layers of gallium arsenide /Elektricheskie svoystva epitaksial'nykh sloev arsenida gallia/. 19 p3300 A67-34770
- MAROV, M. I. A.**
Investigation of the density of the upper atmosphere from satellite braking /Izuchenie plotnosti verkhnei atmosfery po tormozheniiu ISZ/. 08 p1325 A67-21002
Density of the upper atmosphere according to the evolution of the orbits of Soviet satellites. 12 p1932 A67-25533
Some additional data on atmospheric density at altitudes of 200-300 km. 12 p1934 A67-25788
Soviet data on densities and scale heights at altitudes greater than 150 km. 19 p3219 A67-35252
- MARPLE, D. T. F.**
Optical absorption edge in CdTe - Experimental. 02 p0281 A67-11492
- MARPLES, V.**
Transition of a rotating shaft through a critical speed. 12 p1949 A67-25408
- MARQUART, R. G.**
The performance of forced-erasure decoding. 17 p2811 A67-32114
- MARQUET, L. C.**
Spectral-line profiles for a fast-ion-beam source. 18 p3082 A67-33877
- MARQUET, M.**
Quality of optical images and of physical receivers - Transfer function and noise /Qualites des images optiques et des recepteurs physiques - Fonction de transfert, bruit/. 07 p1146 A67-20155
Some applications of holography /Quelques applications de l'holographie/. 09 p1501 A67-22555
Holographic interferometry /Interferometrie par holographie/. 19 p3232 A67-35890
- MARQUEZ, L.**
Analysis of the alpha particle spectra of the reactions d plus super 7 Li equals n plus 2 alpha and super 6 Li plus t equals n plus 2 alpha /Analyse des spectres des particules alpha des reactions d plus super 7 Li equals n plus 2 alpha et super 6 Li plus t equals n plus 2 alpha/. 13 p2159 A67-26435
- MARQUIS, D. C.**
Pulse radar on the Air Force Eastern Test Range. 20 p3381 A67-36581
- MARR, H.**
Cost-effectiveness of a surveillance device for an anti-aircraft weapon system. 03 p0538 A67-13695
- MARRIOTT, E. O.**
Lessons of the 1960's in spacecraft development. [AIAA PAPER 67-639] 20 p3557 A67-37622
- MARRIS, A. W.**
Advanced Dynamics. 18 p3080 A67-34566
- MARRONE, P. V.**
Temperature and density measurements in free jets and shock waves. 13 p2093 A67-26279
- MARRUCCI, G.**
Boundary-layer flows of viscoelastic materials. 20 p3424 A67-37503
- MARS, P.**
Unit-distance cyclic-code synchronous sequential multiphase pulse generation. 07 p1162 A67-20199
- MARSAGLIA, G.**
A general method for producing random variables in a computer. 19 p3188 A67-36058
- MARSCHALL, C. W.**
Crack propagation at stresses below the fatigue limit. 11 p1806 A67-24365
- MARSDEN, B. G.**
One hundred periodic comets. 10 p1705 A67-22926
The Earth-Moon System, Proceedings of an International Conference, NASA Goddard Institute for Space Studies, New York, N.Y., January 20, 21, 1964. 24 p4228 A67-42310
- MARSDEN, D. G. H.**
Momentum accommodation of argon in the 0.06 to 5 eV range. 13 p2098 A67-26946
- MARSDEN, J. A. C.**
A three-component, strain-gauged sting balance for use in small low-speed wind tunnels. 01 p0051 A67-11270
- MARSDEN, M.**
On variation diminishing spline approximation methods. 13 p2147 A67-27468
- MARSDEN, P. L.**
Some comments on the existence of a density gradient of the cosmic radiation perpendicular to the plane of the ecliptic. 19 p3315 A67-35490
- MARSH, A. H.**
Turbofan-engine noise suppression. [AIAA PAPER 66-389] 15 p2548 A67-30357
- MARSH, C. R.**
A pulsed machine-scan electron beam device. 04 p0623 A67-15318
- MARSH, F. E.**
Reliability of the SST wing-sweep actuation system. [SAE PAPER 670884] 24 p4098 A67-42018
- MARSH, G.**
Some reactions of oxygen atoms.

- II. 06 p0955 A67-17983
- MARSH, J. L., JR.**
Gradient-elastic tensor in sodium chloride and sodium bromide. 02 p0280 A67-11485
- MARSH, O. J.**
Zn and Te implantations into GaAs. 15 p2536 A67-29495
Solubility effects of implanted ions in semiconductors. 20 p3510 A67-36856
Space-charge-limited current of holes in silicon and techniques for distinguishing double and single injection. 23 p4038 A67-40878
- MARSHAK, A. H.**
Optimum doping distribution for minimum base transit time. 14 p2287 A67-28676
- MARSHALL, B. W.**
Oxidation and ablation characteristics of tantalum in a hyperthermal environment. 01 p0102 A67-11153
- MARSHALL, D. Q.**
Reliability development on the GE4. [SAE PAPER 670317] 17 p2929 A67-32979
- MARSHALL, J.**
Drag development of the Belfast. 24 p4092 A67-42443
- MARSHALL, J. E.**
Visual-arousal interaction and specificity of nystagmic habituation. 17 p2805 A67-31958
- MARSHALL, K. N.**
Laboratory and flight test program to evaluate the space stability of highly specular reflective surfaces. 17 p2832 A67-32060
Thermal testing techniques at high solar intensities. 24 p4139 A67-42043
- MARSHALL, L.**
Non-anti-matter nature of the Tunguska meteor. 04 p0701 A67-15546
Stimulation of Jupiter's radio emission by Io. 12 p2000 A67-25204
- MARSHALL, L. C.**
The rise of oxygen in the earth's atmosphere with notes on the Martian atmosphere. 18 p3041 A67-34095
- MARSHALL, R. W.**
Radiation effects on monolithic silicon integrated circuits. 04 p0589 A67-15720
- MARSHALL, S. A.**
Electron-spin-resonance absorption spectrum of platinum in yttrium aluminum garnet. 03 p0492 A67-13326
- MARSHALL, S. V.**
An analytic model for the fluxgate magnetometer. 22 p3800 A67-39911
- MARSHALL, T. C.**
Wave-excited anomalous diffusion in a fully ionized magnetoplasma. 08 p1360 A67-21125
An analysis of plasma emission by correlation radiometry. 09 p1536 A67-21601
Influence of drift waves upon transverse diffusion in a fully ionized magnetoplasma. 11 p1835 A67-24387
Scattering of microwaves from plasma space-charge waves near the harmonics of the electron gyrofrequency. 16 p2715 A67-31062
Influence of drift waves upon transverse diffusion in a fully ionized magnetoplasma. 16 p2720 A67-31242
- MARSHALL, W. A.**
Physical, chemical, and mechanical characteristics of a polyphenyl ether. 14 p2341 A67-28953
- MARSHALL, W. S. D.**
Balances for a large V/STOL wind tunnel. 07 p1164 A67-19672
- MARSICANIN, B.**
Distribution of ionization frequency in plasma produced by a single-turn coil. 19 p3276 A67-35118
- MARSIK, J.**
Certain possibilities of suppressing the effect of noise on adaptive identification of control systems /O nekterych moznostech potlacení vlivu sumu při adaptivní identifikaci soustav/. 06 p0978 A67-18560
Quick-response adaptive identification. 15 p2464 A67-30338
- MARSIK, S. J.**
An improved sulphur hexafluoride gas handling system for a potential drop particle accelerator. 20 p3413 A67-36181
- MARSOCCI, V. A.**
Dynamic errors in electronic analog computers. 13 p2073 A67-27064
- MARSTON, R. B.**
A direct-to-home TV satellite system for 1970. [AIAA PAPER 66-309] 06 p1094 A67-17689
- System design of a proposed direct-to-home TV satellite experiment. [AIAA PAPER 66-309] 06 p0964 A67-18414
Operational telecasting by spacecraft after 1975. 19 p3183 A67-35657
- MARSTON, C. H.**
MHD accelerator performance for specified interaction parameter. 01 p0014 A67-11195
MHD generator and accelerator experiments in seeded and unseeded air flows. 09 p1542 A67-21809
- MARTELL, C. J.**
Man's lunar extra vehicular capabilities. 02 p0189 A67-12393
- MARTELLI, G.**
Some comments on atmospheric measurements from satellite-borne experiments. 14 p2310 A67-27959
- MARTELLUCCI, S.**
Series Interferometer for the diagnosis of a large diameter theta-plnch. 21 p3630 A67-38768
- MARTELLY, J.**
Approximate method of calculating optimal performances of weak propulsion forces /Sur une methode de calcul approche des performances optimales des propulsions faibles/. 16 p2760 A67-30735
- MARTEN, R. A.**
Some new concepts in contamination control for Titan IIIB program. 23 p3938 A67-41499
- MARTENS, W. R.**
The materials challenge of high-temperature turbine vanes and blades. [ASME PAPER 67-GT-17] 11 p1808 A67-24801
- MARTI, K.**
Mass-spectrometric detection of cosmic-ray-produced Kr super 81 in meteorites and the possibility of Kr-Kr dating. 07 p1256 A67-20228
Trapped xenon and the classification of chondrites. 16 p2750 A67-31436
- MARTIANOV, V. A.**
Application of the monosynaptic H-reflex technique to the recording of the effects of electric stimulation of the human vestibular apparatus /Primenenie metodiki monosinapticheskogo N-refleksa dlia registratsii effektivov elektricheskogo razdrasheniya vestibularnogo apparata u cheloveka/. 20 p3369 A67-36270
- MARTIKAN, F. O.**
Mission simulator design in support of space programs. 20 p3414 A67-36538
- MARTIN, A. B.**
Snapshot - The first space test of a reactor power unit. 16 p2701 A67-30638
- MARTIN, A. P.**
Comparison of integrally formed compression panel efficiencies with other aerospace panel concepts. 10 p1729 A67-23769
- MARTIN, B. W.**
Heat transfer in supersonic separated flow over a two-dimensional backward-facing step. 04 p0546 A67-14640
Forced convection heat transfer in asymmetrically heated ducts of rectangular cross-section. 04 p0728 A67-15804
Forced convection heat transfer in unsymmetrically heated rectangular ducts. 10 p1733 A67-23481
- MARTIN, C. J.**
On a mixed boundary value problem in elasticity. 10 p1717 A67-23082
- MARTIN, C. S.**
Hydrodynamics of tire hydroplaning. 09 p1441 A67-22492
- MARTIN, D. C.**
Narrow welded joints. 04 p0827 A67-14805
Modern welding. 15 p2493 A67-29681
- MARTIN, D. G.**
Forced convection heat transfer in asymmetrically heated ducts of rectangular cross-section. 04 p0728 A67-15804
Forced convection heat transfer in unsymmetrically heated rectangular ducts. 10 p1733 A67-23481
- MARTIN, D. T.**
Saturn V guidance, navigation, and targeting. 17 p2881 A67-32057
- MARTIN, E. D.**
Boundary shock waves. 14 p2296 A67-27906
Simplified application of Lighthill's uniformization technique using Lagrange expansion formulas. 14 p2346 A67-29059
- MARTIN, E. J.**
Commercial satellite communications experience. 18 p3136 A67-33545
- MARTIN, E. J., JR.**
Ceres - A system for evaluating the depolarization of radar echoes. 17 p2814 A67-32520
- MARTIN, F.**
Energy aspect of forced solutions of a Van der Pol system /Aspect energetique des solutions forcees d'un systeme de Van der Pol/. 23 p4026 A67-40688
- MARTIN, G. E.**
An airborne precipitation collector. 21 p3628 A67-38583
- MARTIN, J.**
Optical properties of AuCl at low temperatures /Proprietes optiques de AuCl aux basses temperatures/. 18 p3101 A67-34187
- MARTIN, J. A.**
Voltage breakdown of monopole antennas in the atmospheres of Venus and Mars. 19 p3197 A67-35829
- MARTIN, J. D.**
A generalized Chapman function. 04 p0613 A67-14697
Turbulence structure near rough surfaces. 04 p0604 A67-14845
- MARTIN, J. E.**
Machining laminates. 08 p1334 A67-20742
Multilayer laminating. 08 p1335 A67-20746
Low-cost boosters. 15 p2566 A67-29832
Sat V growth and flexibility. 20 p3531 A67-36539
- MARTIN, J. H.**
The manufacture of ceramic-based microcircuits. 02 p0249 A67-12182
Transverse magnetic disturbances at 1100 kilometers in the auroral region. 03 p0409 A67-12944
Dayside magnetic disturbances at 1100 kilometers in the auroral oval. 08 p1329 A67-21487
Radiation damage to thin silicon solar cells. 24 p4105 A67-42513
- MARTIN, J. J.**
A method of atmospheric entry scaling. 04 p0706 A67-15244
- MARTIN, O.**
Present state of efforts in developing the solar mirror for space stations and spacecraft /Gegenwaertiger Stand der Bemuehungen um die Sonnenspiegel fuer Raumstationen und Raumschiffe/. 13 p2211 A67-26335
- MARTIN, P. W.**
Fibre-reinforced metals by electroforming. 06 p1047 A67-17713
- MARTIN, R. C.**
Simulated gravity - The aversive stimulus in an escape and punishment situation. 02 p0189 A67-12633
- MARTIN, R. E.**
Event monitoring with a time-shared computer controlled checkout system. [SAE PAPER 660696] 01 p0049 A67-10593
- MARTIN, S. G.**
Triggered lightning strokes at very close range. 22 p3793 A67-39979
- MARTIN, T. F.**
Elevated-temperature fatigue of TZC molybdenum alloy under high-frequency and high-vacuum conditions. 22 p3822 A67-40058
- MARTIN, V. N.**
Aerospace chemical-to-electrical converter producing regulated 4 kv at 0.1 ADC. 24 p4108 A67-42541
- MARTIN, W. A.**
An experimental investigation of the flow field about a subsonic jet exhausting into a quiescent and a low velocity air stream. [AIAA PAPER 65-704] 01 p0055 A67-11254
The streamline matching technique for V/STOL wind tunnel wall corrections. [AIAA PAPER 67-183] 07 p1163 A67-19439
- MARTIN, W. C.**
A general method of systematic interval computation for numerical integration of initial value problems. 01 p0105 A67-10515
- MARTIN, W. L.**
Simulated gravity - The aversive stimulus in an escape and punishment situation. 02 p0189 A67-12633
- MARTIN, W. R.**
Postirradiation creep and stress rupture of Hastelloy N. 08 p1343 A67-21195
- MARTIN, W. W.**
Approximate solution to bistatic radar cross section of finite length, infinitely conducting cylinder. 02 p0192 A67-11623
Computation of antenna radiation pattern from nearfield measurements. 11 p1763 A67-24301

- MARTINDILL, G. H.
Thermal oxidation of n-octane vapour-oxygen-nitrogen mixtures at reduced pressures. 16 p2779 A67-31518
- MARTINELL, J. M.
A modular packaging approach for dual in-line integrated circuits. 21 p3634 A67-38619
- MARTINELLI, J. A.
Bending without breaking. 18 p3144 A67-34484
- MARTINEQ GUERRERO, J.
Device to move mechanisms inside chambers at ultrahigh vacuum. 17 p2863 A67-33358
- MARTINET, J.
Generalization of the calculation of the heat balance in an enclosure /Sur une generalisation du calcul du bilan calorifique dans une enceinte/. 02 p0343 A67-12413
- MARTINEZ, J. R.
Graphical solution for 3-db points. 06 p0971 A67-18244
- MARTINEZ, J. S.
Nuclear rockets. 06 p1030 A67-19024
- MARTINEZ, J. V.
Influence of plasma-tube-surface interaction on the helium-neon laser lifetime. 04 p0633 A67-15110
- MARTINI, A.
Shock waves at high temperatures. 14 p2355 A67-27953
I. Intense magnetic fields and shock wave propagation. 14 p2356 A67-27957
- MARTINI, L.
Design of liquid-hydrogen-cooled ruby maser for the X band /Ueber den Aufbau eines Rubin-Masers fuer das X-Band mit fluessigem Wasserstoff als Kuehlmittel/. 07 p1194 A67-19131
- MARTINI, W.
Coupled-line directional couplers /Coupleurs directs a lignes couplees/. 06 p0969 A67-18118
- MARTINIDES, H.
Influence of bandwidth restriction on the signal to noise performance of a PCM/NRZ signal. 21 p3584 A67-38667
- MARTINIUK, A. A.
Statistical estimation of the probability of stability of motion within a given time interval /Statistichna otsinka imovirnosti stilkosti rukhu na zadanomu intervali chasu/. 16 p2703 A67-31145
- MARTINIUK, S. P.
Superhigh-frequency source for excitation of molecular spectra /Nadviskochastotne dzherele dlia zbudzhennia molekularnikh spektriv/. 16 p2704 A67-31478
- MARTINO, A. A.
AELCEF - A tool to make rotor burst containment a reality. [SAE PAPER 670332] 12 p1925 A67-25873
- MARTINOD, H.
Effect of post-quenching deformation on the mechanical characteristics and the creep resistance of aluminum alloys used in aeronautics /Influence de la deformation apres trempe sur les caracteristiques mecaniques et la resistance au fluage d'alliages d'aluminium utilises en aeronautique/. [ONERA-TP-423] 09 p1519 A67-22156
- MARTINOT, H.
Planar transistor stability under X-ray irradiation /Stabilite des transistors a structure plane soumis a l'action des rayons X/. 03 p0387 A67-13996
Degradations caused by surface effects in components with a plane structure subjected to the action of low-energy X rays /Degradations provoques par des effets de surface dans les composants a structure plane soumis a l'action des rayons X de faible energie/. 17 p2919 A67-32856
- MARTINOV, N.
Excitation of ionic wave by beam-plasma interaction. 09 p1544 A67-21846
Mechanism of action of semiconductor generators of electromagnetic oscillations. 11 p1848 A67-24868
Ionic waves in plasma interacting with beam of charged particles at great relaxation time. 11 p1841 A67-24869
Electron-phonon interaction and generation of low frequency oscillations in n-type semiconductors. 11 p1849 A67-24870
- MARTINSON, L. D.
Contribution to the theory of magnetohydrodynamic flows of viscoplastic fluids /K teorii magnitogidrodinamicheskikh techenii viazko-plasticheskikh zhidkostel/. 04 p0670 A67-15532
- MARTINSON, L. K.
MHD rotation of a conducting viscoplastic fluid in an annular channel /Magnitogidrodinamicheskoe vrashchenie provodiaschel viazko-plasticheskoi zhidkosti v kol'tsevom kanale/. 01 p0120 A67-10180
Magnetohydrodynamic Couette flow of viscoplastic media /Magnitogidrodinamicheskoe techenie Kuetta viazko-plasticheskikh sred/. 06 p1044 A67-18680
- MARTINUZZI, S.
Contribution to the study of thin films of semiconductor materials used in the preparation of photovoltaic cells /Contribution a l'etude de couches minces de materiaux semiconducteurs utilises dans la preparation de photopiles/. 08 p1368 A67-20727
- MARTIROSIAN, R. M.
A 21-cm radiospectrometer using a paramagnetic amplifier. 02 p0241 A67-1638
- MARTISOVITS, V.
Application of a high-frequency mass spectrometer to the investigation of glow discharges /Die Anwendung des Hochfrequenz-Massenspektrometers zur Untersuchung der Glimmentladung/. 14 p2314 A67-27753
- MARTSAFEL, V. V.
Electromagnetic wave emission by an infinite package of impedance halfplanes /Izluchenie elektromagnitnykh voln beskonechnym paketom impedansnykh poluploskostel/. 05 p0762 A67-16352
Experimental study of the one-dimensional array of rectangular waveguides /Eksperimental'noe issledovanie odnomernoi reshetki priamougol'nykh volnovodov/. 13 p2069 A67-27032
- MARTSINOVSKII, A. M.
Probe investigations of a plasma in thermoemission converters with a high cesium-vapor pressure. III - Distribution of electron concentration and electron temperature and space potential in the interelectrode space of thermoemission converters /Zondovye issledovaniia plazmy v termoemissionnykh preobrazovatelakh s vysokim davleniem parov tseziia. III - Raspredelenie konsentratsii, temperatury elektronov i potentsiala prostranstva v mezhelektrodnom prostranstve termoemissionnykh preobrazovatelei/. 01 p0012 A67-10353
Probe investigation of plasma parameters in a high-pressure cesium thermionic converter. I - Experimental method - Theory. 02 p0184 A67-12467
Probe investigation of plasma parameters in a high-pressure cesium thermionic converter. II - Examination of the probe method - Some results of measurements carried out in the diffusion and arc modes. 02 p0184 A67-12468
Investigations of plasma in high-pressure cesium converters. III. 11 p1746 A67-25026
- MARTSVALADZE, N. M.
Some results of hydroxyl-emission observations in the upper atmosphere at Abastumani /Nekotorye rezul'taty nabludenii gidroksil'nogo izlucheniia verkhnei atmosfery v Abastumani/. 17 p2849 A67-32957
H sub alpha emission variations and the distribution of hydrogen in the upper atmosphere and geocorona /O variatsiakh emissii H sub alpha i raspredeleniia vodoroda v verkhnei atmosfere i geokorone/. 17 p2849 A67-32961
- MARTYNCHUK, V. D.
Integral equations of the second boundary-value problem of the equilibrium of an elastic body of revolution /Integral'nye uravneniia vtoroi kraevoi zadachi o ravnovesii uprugogo tela vrashcheniia/. 11 p1878 A67-24877
- MARTYSENKO, B. K.
Lunar-solar perturbations of a 24-hour satellite /Lunno-solnechnye vozmushcheniia 24-chasovogo sputnik/. 20 p3523 A67-36626
- MARTYNIUK, A. A.
Stability of unsteady motion over a given interval of time /K ustoiichivosti neustanovivshegosia dvizheniia na zadanom intervale vremeni/. 16 p2702 A67-31052
- MARTYNIUK, D. I.
Series integration of linear differential equations with a deviating argument /Integrirovaniie lineinykh differentsial'nykh uravnenii s otkloniaushchimsia argumentom s pomoshch'iu riadov/. 01 p0104 A67-10289
Periodic solutions of nonlinear delay systems /O periodicheskikh resheniiakh nelineinykh sistem s zapazdyvaniem/. 17 p2879 A67-32877
- MARTYNEVITCH, G. M.
Neutral composition of the Arctic upper atmosphere - Preliminary results. 19 p3219 A67-35251
- MARTYNOVICH, A. P.
Deep-lying energy levels in indium antimonide. 05 p0861 A67-16399
- MARTYSHCHENKO, O. I.
Nature of fast electrons in a solar-atmosphere environment /Priroda bystrykh elektronov v usloviakh atmosfery solntsa/. 21 p3699 A67-39013
- MARTZ, B. L.
Renin secretion during plus G sub z acceleration. 23 p3956 A67-41634
Peripheral venous renin levels during plus G sub z acceleration. 23 p3960 A67-41700
- MARULLO, N. P.
Isomerization rates of iminocarbonates. 09 p1459 A67-22363
- MARUO, H.
Studies on plasma welding - On the welding of stainless steel, mild steel and titanium plates. 20 p3456 A67-37542
- MARUSCHAK, I.
Infrapolynomials and extremal solutions of differential equations /Infrapolinomy i ekstremal'nye resheniia differentsial'nykh uravnenii/. 18 p3070 A67-33548
- MARUSHKO, I. A.
The kinetic-equation method in the theory of generation of optical harmonics /Metod kineticheskikh uravnenii v teorii generatsii opticheskikh harmonik/. 03 p0435 A67-13127
- MARUSHKO, I. O.
Kinetic aspects of induced three-photon combination scattering /Do pitanii pro kinetiku indukovanogo trifotonogo kombinatsionogo rozsluvannia/. 21 p3638 A67-37867
- MARUSKA, H. P.
Efficiency of GaAs sub 1-x P sub x electroluminescent diodes. 21 p3591 A67-38153
- MARUTIAN, N. A.
Study of high-energy gamma-quanta produced during nuclear interactions /Issledovanie vysokoennergichnykh gamma-kvantov, generirovannykh v ladernykh vzaimodelstviiakh/. 24 p4218 A67-42835
- MARUYAMA, A.
Decrease of built-in voltage in tunnel diodes caused by irradiation. 09 p1471 A67-21764
- MARUYAMA, H.
Relation of meteor stream to natural ice nuclei and precipitation. 13 p2205 A67-27461
- MARUYAMA, M.
Ruby crystals grown by the Czochralski technique. 05 p0866 A67-16975
- MARUYAMA, S.
X-ray study on crystal perfection of gallium arsenide. 04 p0674 A67-14620
Observations of defects in silicon single crystals. 04 p0675 A67-14769
- MARUYAMA, Y.
Star system. V. 13 p2087 A67-26721
Star system. VI. 13 p2087 A67-26722
- MARVEL, C. S.
Thermally stable polymers. 22 p3825 A67-39856
- MARVIN, J. G.
Convective heating in regions of large favorable pressure gradient. [AIAA PAPER 67-162] 06 p1114 A67-18293
Laminar convective heating and ablation in the Mars atmosphere. 06 p1119 A67-18849
Convective heating in regions of large favorable pressure gradient. [AIAA PAPER 67-162] 23 p3932 A67-41714
- MARVIN, R. H.
Pressure shell structures for space. 10 p1861 A67-23731
- MARVIN, U. B.
Significance of iron-rich silicates in the Mezo-Madaras chondrite. [AFRL-67-0012] 07 p1256 A67-20013
Black, magnetic spherules from pleistocene and recent beach sands. 24 p4235 A67-42635
- MARX, A. J.
Briefing on N.L.R. 02 p0231 A67-12640
- MARX, G.
Neutrinos, gravity and cosmology. 15 p2555 A67-29641

- MARXMAN, G. A.**
The effect of surface reactions on the solid propellant response 15 p2544 A67-29983
Boundary-layer combustion in propulsion. 18 p3150 A67-33800
- MARYNIAK, J.**
Simplified longitudinal-stability analysis for a glider in towed flight /Uproszczona analiza statecznosci podluznej szybowca w locie holowanym/. 09 p1441 A67-22607
The configuration of a glider towing cable, taking into account aerodynamic forces /Konfiguracja liny holowniczej szybowca z uwzględnieniem sil aerodynamicznych/. 22 p3745 A67-39551
Dynamic longitudinal stability of a glider in a towing system /Statecznosc dynamiczna podluzna szybowca w zespole holowniczym/. 23 p3935 A67-41418
- MAS, G.**
Interferences between waves diffracted by small screens and a coherent background provided by a laser /Interferences entre les ondes diffractees par des ecrans de faibles dimensions et un fond coherent fourni par un laser/. 01 p0087 A67-10231
Interferences between a coherent wave sigma' emitted by a laser and a wave sigma'' diffracted by a small object in the case of a strongly astigmatic beam /Interferences entre une onde coherent sigma' emise par un laser et une onde sigma'' diffractee par un objet de faibles dimensions, dans le cas d'un faisceau fortement astigmatique/. 04 p0631 A67-14416
- MASANI, A.**
Shock waves at high temperatures. 14 p2355 A67-27953
Intense magnetic fields and shock wave propagation. 14 p2356 A67-27957
- MASCHECK, H.-J.**
Plane laminar flow in channels and near corners at small Reynolds numbers /Die ebene laminare Stromung in Kanaelen und in der Umgebung von Ecken bei kleinen Reynoldszahlen/. 03 p0405 A67-14259
- MASCY, A. C.**
Sensitivity of manned planetary spacecraft design to radiation uncertainties. 07 p1258 A67-19376
Applications of combined high-thrust, low-thrust propulsion systems. 18 p3114 A67-33975
- MASEFIELD, P. G.**
Light aviation - Problems, prospects and performance. 04 p0739 A67-14434
- MASEIDE, K.**
Emission from a sodium trail released in aurora. II. 03 p0412 A67-13373
Rocket measurements of the volume emission profile for auroral glow. 16 p2666 A67-31408
- MASEK, T. D.**
Plasma investigation in a reversed-current electron bombardment ion engine. [AIAA PAPER 66-246] 10 p1698 A67-23121
Experimental studies with a clustered ion engine system. [AIAA PAPER 67-698] 21 p3693 A67-38727
- MASH, D. I.**
Effect of an axial magnetic field on the power output of a neon-helium laser operating in a regime of simultaneous generation of the 3.39- and 0.6328-mu lines /Vliianie aksial'nogo magnitnogo polia na vykhodnuyu moshchnost' neon-gelievogo lazera, rabotalushchego v rezhime odnovremennoi generatsii linii 3.39 i 0.6328 mk/. 07 p1196 A67-19601
Effect of an axial magnetic field on the output power of a neon-helium laser simultaneously generating lines of 3.39 and 0.6328 microns. 20 p3462 A67-37340
- MASHBURN, J. C.**
Development of an increased sampling rate monitoring system. 23 p3961 A67-40843
- MASHCHENKO, V. E.**
Coherent radiation from cadmium sulfide single crystals excited by an electron beam. 17 p2915 A67-32660
- MASHIREVA, L. G.**
Spectral determination of sodium in gas-turbine distillate fuels /Spektral'noe opredelenie natriia v distillatnykh gazoturbinnnykh toplivakh/. 21 p3688 A67-38016
- MASHKEVICH, V. S.**
Nonlinear optical effects and spatial dispersion in crystals /Nelineinye opticheskie efekty i prostranstvennaya dispersiia v kristallakh/. 03 p0434 A67-13125
The kinetic-equation method in the theory of generation of optical harmonics /Metod kineticheskikh uravnenii v teorii generatsii opticheskikh garmonik/. 03 p0435 A67-13127
Theory of laser radiation induced by impurity-band transitions /Teoriia lazernogo izlucheniia na primesnozonnykh perekhodakh/. 03 p0436 A67-13137
The role of light absorption by free carriers in a semiconductor laser. 03 p0439 A67-14376
Theory of laser emission at band-band transitions in an impurity semiconductor without conservation of quasi-momentum /Teoriia lazernogo izlucheniia nazonh-zonnykh perekhodakh v primesnom poluprovodnike pri nesokhraneni kvazimimpul'sa/. 10 p1666 A67-23653
Theory of laser emission at indirect transitions with participation of the current carriers /Teoriia lazernogo izlucheniia nepriamykh perekhodakh s uchastiem nostelei toka/. 10 p1667 A67-23654
Mechanism of generation of laser emission in CdS sub x-CdSe sub 1 sub -x crystals in the presence of two-photon excitation /O mekhanizme generatsii lazernogo izlucheniia v kristallakh CdS sub x-CdSe sub 1 sub -x pri dvukhfotonnom vzbuzhdenii/. 14 p2331 A67-28534
Theory of laser emission by band-band transitions in an impurity semiconductor when the crystal momentum is not conserved. 17 p2870 A67-33334
Theory of laser emission by indirect transitions with carrier participation. 17 p2870 A67-33335
Kinetic aspects of induced three-photon combination scattering /Do pitannia pro kinetiku indukovanogo trifotonnogo kombinatsiinogo rozsiuvannia/. 21 p3638 A67-37867
Mechanism of generation of laser radiation in CdS sub x -CdSe sub 1 sub -x crystals in the case of two-photon excitation. 23 p4040 A67-40941
- MASHKOVA, G. B.**
Dimensionless characteristics of the wind-velocity profile from measurements in the lower 300-meter atmospheric layer. 07 p1220 A67-20002
- MASHKOVTSSEV, B. M.**
Waveguide Theory /Teoriia Volnovodov/. 18 p3000 A67-33677
- MASHOVETS, T. V.**
Low-temperature gamma irradiation and annealing of indium antimonide. 04 p0680 A67-15283
Study of isochronous and isothermal annealing of InSb irradiated by X rays and gamma rays /Issledovanie izokhronnogo i izotermicheskogo otzhiga InSb, oblučennoho rentgenovskimi i gamma-luchami/. 15 p2542 A67-30247
On the nature of damages in indium antimonide produced by gamma- and X-irradiation. 21 p3687 A67-39143
- MASHTYLEV, N. A.**
Plasmoid collisions in an axisymmetric magnetic field /Stolknovenie plazmennyykh sgustkov v aksial'nosimmetrichnom magnitnom pole/. 15 p2525 A67-29248
- MASIC, R.**
Source of high energy neutral particles. II /Source de particules neutres de grande energie. II/. 24 p4153 A67-41912
- MASLACH, G. J.**
Induced pressure measurements on a sharp-edged insulated flat plate in low density hypersonic flow. 14 p2241 A67-28164
- MASLEN, K. R.**
Simulation of the impedance of the human respiratory system in dynamic testing of aircraft breathing equipment. 24 p4114 A67-41782
- MASLEN, S. H.**
Synergetic turns with variable aerodynamics. 24 p4242 A67-42911
- MASLENKOV, S. B.**
Titanium-carbide coatings on steel. 01 p0093 A67-10301
Mechanical properties of the EI827 alloy at low temperatures. 12 p1955 A67-25370
- MASLENNIKOV, M. V.**
Discrete model of medium in a problem on rarefied plasma stream interaction with a charged body. 14 p2357 A67-28205
- MASLENNIKOV, N. M.**
Experimental investigation of the electrical conductivity of a plasma with the aid of an MHD-generator model /Eksperimental'noe issledovanie elektroprovodnosti plazmy na modeli MGDG/. 16 p2602 A67-30560
Experimental investigation of the electrical conductivity of plasma using an MHD generator model /Eksperimental'noe issledovanie elektroprovodnosti plazmy na modeli MGDG/. 24 p4196 A67-42209
- MASLENNIKOV, V. G.**
Methods of measuring velocity and photographing models during ballistic studies /Metody izmereniia skorosti i fotografirovaniia modelei pri ballisticheskikh issledovaniakh/. 16 p2674 A67-31126
A photoelectric method of measuring the value of the separation of a head shock wave /Fotoelektronnii metod izmereniia velichiny otkhoda golovnoi udarnoi volny/. 16 p2674 A67-31128
The location of the head shock wave at Mach numbers close to unity /O polozenii golovnoi udarnoi volny pri chislakh Makha, blizkikh k edinitsie/. 16 p2593 A67-31129
Investigation of the position of the detached shock wave during supersonic motion of ellipsoids of revolution in gases with different intramolecular structures /Issledovanie polozeniiia otoshedshei udarnoi volny pri sverkhzvukovom dvizhenii ellipsoidov vrashcheniia v gazakh s razlichnoi vnutrimolekuliarnoi strukturoi/. 16 p2675 A67-31130
Shape of the detached shock wave created in the supersonic motion of a hemisphere and a blunt cylinder in various gases /O forme otoshedshei udarnoi volny, obrazulovushchiesia pri sverkhzvukovom dvizhenii polusfery i tsilindricheskogo tortsa v razlichnykh gazakh/. 16 p2593 A67-31131
Determination of the position of sonic points on the head shock wave and on the surface of a blunt body in ballistic investigations /Opredelenie polozeniiia zvukovykh tochek na golovnoi udarnoi volne i na poverkhnosti tupogo tela pri ballisticheskikh issledovaniakh/. 16 p2593 A67-31132
- MASLENNIKOVA, V. N.**
Boundary estimates of the Schauder type for the solution of the problem with oblique derivatives for a parabolic equation in a noncylindrical region. 08 p1348 A67-21153
- MASLENNIKOVA, V. V.**
Ferromagnetic magnetostatic microwave amplifier /Ferromagnitnyi magnitostaticheskii usilitel' SVCh/. 04 p0583 A67-15168
A ferromagnetic magnetostatic microwave amplifier. 15 p2443 A67-29354
- MASLEY, A. J.**
Solar cosmic ray event characteristics - Solar minimum versus solar maximum. 10 p1700 A67-23187
Polar observations of solar cosmic ray events during the IQSY. 10 p1701 A67-23193
Riometer observations in the polar caps of solar cosmic ray events during the IQSY. 12 p1993 A67-25228
Characteristics of solar cosmic ray events - Solar minimum versus solar maximum. 13 p2194 A67-27253
Theoretical studies of solar cosmic ray-ionosphere interactions. 13 p2194 A67-27254
- MASLINKOV, I. U. S.**
Luminescence of a europium chelate solution during intensive pulsed excitation /Svechenie rastvora kelata evropiia pri intensivnom impul'snom vzbuzhdenii/. 03 p0433 A67-12894
- MASLIUK, G. F.**
Solution of a mixed axisymmetric problem in the theory of elasticity for a half-space with the aid of P-analytic functions /Reshenie smeshannoi osesimmetrichnoi zadachi teorii uprugosti dlia poluprostranstva metodom P-analiticheskikh funktsii/. 20 p3538 A67-36918
- MASLOV, E. P.**
Adaptive control systems with models. 08 p1313 A67-21328
An optimal statistical adaptive model. 15 p2481 A67-30321
- MASLOV, I. A.**
Some problems in the selection of research astronauts /Nekotorye problemy otbora kosmonavtov issledovatelei/. 13 p2062 A67-28763
- MASLOV, I. U. P.**
New method of deriving simple, intrinsically correlated formulas for the

- temperature dependence of the thermodynamic properties of polyatomic gases /Novyi metod vyvoda prostykh vnutrenne soglasovannykh formul zavisimosti termodinamicheskikh svoystv mnogoatomnykh gazov ot temperatury/. 16 p2704 A67-31391
- MASLOV, P. G.**
New method of deriving simple, intrinsically correlated formulas for the temperature dependence of the thermodynamic properties of polyatomic gases /Novyi metod vyvoda prostykh vnutrenne soglasovannykh formul zavisimosti termodinamicheskikh svoystv mnogoatomnykh gazov ot temperatury/. 16 p2704 A67-31391
- MASLOV, V. N.**
Some properties of the ternary compound GaAs sub 1 sub minus x P sub x, doped with tellurium /Nekotorye svoystva troinogo soedineniya GaAs sub 1 sub minus x P sub x, legirovannogo tellurom/. 10 p1694 A67-23656
Investigation of volt-ampere characteristics of diffused p-n junctions in GaAs sub 0.65 P sub 0.35 /Issledovanie vol'tempernykh kharakteristik diffuzionnykh p-n-perekhodov v GaAs sub 0.65 P sub 0.35/. 12 p1984 A67-25519
Some properties of the ternary compound GaAs sub 1 sub minus x P sub x doped with tellurium. 17 p2923 A67-33337
Investigation of the current-voltage characteristics of diffused p-n junctions in GaAs sub 0.65 P sub 0.35. 18 p3103 A67-34450
Dissociation of certain A super III B super V semiconductor compounds caused by the action of light pulses from a laser /Dissotsiatsiya nekotorykh poluprovodnikovyx soedinenii tipa A super III B super V, vyzvannaya deystviem impul'sov sveta ot opticheskogo kvantovogo generatora/. 24 p4188 A67-42725
- MASLOV, V. P.**
Propagation of flexural waves along a beam with periodic point loading. 02 p0340 A67-12501
- MASLOVA, N. B.**
Structure of a shock wave in a monatomic relativistic gas /O strukture udarnoi volny v odnoatomnom relativistskom gaze/. 05 p0793 A67-17112
- MASLOVSKAIA, L. V.**
Stability of difference equations /Ob ustoychivosti raznostnykh uravnenii/. 03 p0457 A67-13113
- MASLOVSKII, F. N.**
Photodiode coordinate matrix /Koordinatnaya fotodiodnaya matritsa/. 18 p3009 A67-33471
Germanium pulse-switching triode /Impul'snyi germanievyy triod/. 18 p3009 A67-33477
Silicon microdiode matrices /Kremnievyye mikrodiodye matritsy/. 22 p3769 A67-39580
- MASLOWSKI, J.**
Extragalactic radio sources and an attempt of their classification. 11 p1868 A67-25086
The moon's mechanical ellipticity. 18 p3128 A67-34304
- MASON, B.**
The Bununu meteorite, and a discussion of the pyroxene-plagioclase achondrites. 09 p1564 A67-21736
The composition of the Barratta, Carraweena, Kapoeta, Mooresfort, and Ngawi meteorites. 10 p1712 A67-23807
The composition of the Belly River, Bluff, Bremervoerde, and Modoc meteorites. 10 p1712 A67-23808
Olivine composition in chondrites - A supplement. 16 p2751 A67-31455
Extraterrestrial mineralogy. 21 p3700 A67-37766
The Winona meteorite. 21 p3702 A67-38067
The Shaw meteorite. 24 p4234 A67-42624
- MASON, D. R.**
Influence of crystalline imperfections on spin-lattice relaxation in ruby. 16 p2728 A67-31054
- MASON, E. A.**
Effect of resonant charge exchange on heat conduction in plasmas. 03 p0484 A67-14038
Determination of diffusion coefficients from viscosity measurements - Effect of higher Chapman-Enskog approximations. 04 p0658 A67-15510
Transport properties of quadrupolar gases. 06 p1038 A67-19046
Determination of molecular quadrupole moments from viscosities and second virial coefficients. 06 p1038 A67-19047
- On the off-center dipole model for polar gases. 11 p1821 A67-23982
Deep penetration of radiation by the method of invariant imbedding. 11 p1817 A67-25063
Adiabatic excitation transfer in gases - Effects on transport. 16 p2661 A67-31222
Instabilities in ternary diffusion. 22 p3917 A67-39713
Transport coefficients of ionized gases. 22 p3850 A67-39717
- MASON, G. R.**
Neutron lifetime in a cosmic-ray neutron monitor. 04 p0681 A67-15615
- MASON, J. E.**
High-strain fatigue studies of a composite material. 03 p0525 A67-13871
- MASON, J. F.**
In reconnaissance, the eyes have it. 15 p2485 A67-29162
- MASON, J. L.**
The two-gas spacecraft cabin atmosphere engineering considerations. 16 p2617 A67-30776
- MASON, K. H.**
Rocket studies of isolated ionospheric irregularities. 22 p3760 A67-39627
- MASON, R. H.**
Preliminary observations of a geomagnetospheric wake at 1000 earth radii. 22 p3791 A67-39819
- MASON, R. J.**
An erectable antenna for space communications. 04 p0569 A67-14501
Forced sound propagation induced by a fractionally accommodating piston. 13 p2100 A67-28957
- MASRI, S. F.**
Cumulative fatigue under variable-frequency excitation. [SAE PAPER 660720] 01 p0161 A67-10607
On the stability of the impact damper. 04 p0631 A67-15911
Electric-analog studies of impact dampers. 07 p1262 A67-19410
- MASS, J.**
The Faraday fading rate for nearly transversal propagation. [RASSA PAPER 1-10-127] 03 p0372 A67-14238
Magnetic field-aligned ionization layers observed by Faraday rotation of satellite signals. 23 p3996 A67-40818
- MASSAM, T.**
Search for charges 1/3e and 2/3e in the cosmic radiation. 02 p0306 A67-11500
Hunting charges plus or minus 4/3 e in the cosmic radiation. 15 p2549 A67-29526
A study of the fractional charge content of the cosmic radiation. 24 p4210 A67-42600
- MASSE, P.**
Preliminary report on measurements with balloon-borne detectors in Northern Scandinavia during the solar proton event of July 7, 1966. 05 p0882 A67-16740
Balloon measurements of solar protons in northern Scandinavia on July 7, 1966. 19 p3312 A67-35175
- MASSELIN, P.**
Inertial control of a ballistic missile /Guidage inertiel d'un engin balistique/. 16 p2700 A67-30799
- MASSEN, C. H.**
Knudsen forces in the intermediate pressure range. 04 p0603 A67-14731
Longitudinal thermomolecular flow at intermediate pressures - A comparison. 04 p0603 A67-14733
- MASSENET, O.**
Study by Lorentz microscopy of FeNi-FeNiMn thin films with ferro-antiferromagnetic coupling /Etude en microscopie Lorentz de couches minces FeNi-FeNiMn a couplage ferro-antiferromagnetique/. 24 p4206 A67-43109
- MASSEY, B. S.**
Flow separation in an aerofoil cascade. 20 p3359 A67-37483
- MASSEY, G. A.**
Acoustic holography in air with an electronic reference. 17 p2860 A67-32625
- MASSEY, J. R.**
Computer simulation of landmark visibility from orbit. 09 p1467 A67-21832
- MASSEY, L. W.**
Use of digital computers for built-in-self-test for electronic systems. 20 p3392 A67-36989
- MASSEY, M. E.**
Oil mist deposits test - A technique for evaluating the deposit forming tendency of jet engine lubricants. 16 p2683 A67-31755
- MASSIE, L. D.**
Report on cadmium telluride thin film solar array technology. 23 p3938 A67-41498
- MASSIER, P. F.**
Some observations on reduction of turbulent boundary-layer heat transfer in nozzles. 04 p0723 A67-14837
Flow phenomena and convective heat transfer in a conical supersonic nozzle. 19 p3169 A67-34814
- MASSOBRI, G.**
New digital systems for on-board data acquisition and ground data decommutation developed by the LABEN laboratories within the European space programs /Nuovi sistemi digitali per l'acquisizione dei dati di bordo e la decommutazione dei dati a terra sviluppati dai laboratori LABEN nell'ambito dei programmi spaziali europei/. 20 p3392 A67-37162
- MAST, L. T.**
Automation experience in large booster checkout. 03 p0399 A67-14207
Prelaunch checkout in the 1970s. 20 p3415 A67-36579
- MASTALLI, P.**
Semiconductor generators operating between 500 and 8000 MHz /Generatori a semiconduttori operanti da 500 a 8000 MHz/. 13 p2081 A67-27204
Noise in injection-synchronized oscillators /Rumore di oscillatori sincronizzati per iniezione/. 18 p3011 A67-34221
- MASTEL, B.**
The influence of thermomechanical treatments on the microstructure and tensile properties of Hastelloy X-280. 10 p1668 A67-23174
- MASTERMAN, J. E.**
The future of automatic test equipment. 21 p3609 A67-39132
- MASTERS, C. G., JR.**
Redundant system test point allocation and mission reliability estimation procedures. 08 p1300 A67-20637
- MASTERS, G. W.**
On-line estimation of states and parameters for discrete nonlinear dynamic systems. 02 p0226 A67-12153
- MASTERS, J. N.**
Some fracture considerations in the design and analysis of spacecraft pressure vessels. [ASM PAPER C6-2.3] 23 p4079 A67-41408
- MASTRIUKOVA, V. M.**
Physiological regeneration on the epithelium of the cornea and intestines exposed to fractional irradiation with fission neutrons /Fiziologicheskaya regeneratsiya epitellii rogovitsy i kishechnika v usloviakh fraktsionirovannogo obлучeniya neutronami deleniya/. 16 p2613 A67-30909
- MASTROPAOLO, J. A.**
The Human Error Research and Analysis Program /HERAP/. [AIAA PAPER 67-848] 24 p4117 A67-42984
- MASTRUP, F. N.**
Spectroscopic investigation of a hydrogen arcjet plume. 05 p0874 A67-17357
- MASUBUCHI, M.**
An optimal control system having a non-unique solution of Pontryagin's equations. 07 p1160 A67-19203
- MASUDA, A.**
Effect of co-ordination number on lanthanide abundance variation. 03 p0413 A67-13507
An estimation of lanthanide partition coefficient for the "calcium effect." 21 p3617 A67-38123
Lanthanide concentration ratios between pyroxene and garnet. 24 p4151 A67-42449
- MASUDA, K.**
On the application limit of the inviscid small-perturbation theory to the secondary flow in cascades. 08 p1275 A67-20406
- MASUDA, Y.**
Further experimental study of scattering propagation caused by the field aligned irregularities on VHF. 24 p4120 A67-42150
- MASUE, T.**
Aerodynamic characteristics of forced lead-lag rotor system. 09 p1437 A67-21741
- MASUMI, M.**
Upper hybrid resonant heating in a slightly ionized plasma. 03 p0477 A67-13360
Extension of measurable density ranges in microwave plasma diagnostics. 05 p0854 A67-16982

- MASUOKA, T.**
Observation of solar VUV radiation with rocket-borne ion-chamber. 05 p0799 A67-16874
- MATACHUN, A. T.**
Hydrogen level population in impulsively recombining plasma /Naseleennosti urovnei vodoroda v impul'sno rekombinirulushchei plazme/. 15 p2529 A67-29713
- MATALONI, R. J.**
Vacuum-ultraviolet photochemistry. 07 p1138 A67-20190
- MATARE, H. F.**
Thin film semiconductors. 09 p1555 A67-22111
Dislocation plane devices in optical communication. 20 p3457 A67-36238
- MATEER, C. L.**
A preliminary study on the possibility of estimating total atmospheric ozone from satellite measurements. 19 p3226 A67-35923
The determination of ozone parameters from measurements of the radiation backscattered by the earth's atmosphere. 22 p3794 A67-40365
- MATEER, G. G.**
Aerodynamics of free-flying wind-tunnel models determined from telemetered accelerations. [AIAA PAPER 66-775] 11 p1773 A67-24349
- MATEESCU, D.**
Aerodynamic characteristics of polygonal wings of symmetrical thickness in supersonic flow. 07 p1127 A67-20209
Harmonic oscillatory motion of the conical wing-fuselage system under supersonic conditions /Mouvement oscillatoire harmonique du systeme alle-fuselage conique en regime supersonique/. 07 p1127 A67-20224
Polygonal wings with diamond-shaped profile in supersonic flow. 20 p3355 A67-36194
Application of quasi-conical motions to the study of wing-body lifting systems in supersonic flow. 20 p3356 A67-36278
- MATEL, A. F.**
A perpetual sun - The S-4A system. 12 p1922 A67-25699
- MATERNE, H. P., JR.**
Silicon carbide filament reinforced epoxy resin composites. 03 p0452 A67-13403
- MATEVOSIAN, K. A.**
On the ionizing accompaniment of approximately 170 Bev nucleons at 2000 meters altitude. 02 p0312 A67-12609
Absorption path of nuclear-active cosmic radiation particles /Probeg pogloshcheniya iadernno-aktivnykh chastits kosmicheskogo izlucheniya/. 06 p1078 A67-18795
Study of the nuclear-active component of cosmic rays /Ob issledovanii iadernno-aktivnoi komponenty kosmicheskikh luchel/. 12 p1947 A67-26095
Absorption path of nuclear-active cosmic-ray particles. 18 p3116 A67-34414
Dependence of the cross section of nuclear interaction on the atomic weight of the material /K voprosu o zavisimosti secheniya iadernogo vzaimodel'stviya ot atomnogo vesa veshchestva/. 24 p4219 A67-42847
- MATHEAU, J.-C.**
Operation of a pulsed reflex klystron /Fonctionnement d'un klystron reflex en regime d'impulsions/. 19 p3193 A67-35416
- MATHER, G. K.**
Some measurements of mountain waves and mountain wave turbulence made using the NAE T-33 turbulence research aircraft. 24 p4181 A67-42275
A note on some measurements made in vortex wakes behind a DC-8. 24 p4091 A67-42276
- MATHER, J. W.**
Image converter observations of the development of the dense plasma focus discharge. 03 p0486 A67-14055
- MATHER, W. E.**
Plasma-induced interference in satellite V.L.F. receivers. 06 p0964 A67-18569
- MATHERS, G. B.**
Nondestructive inspection techniques for multilayer circuit boards. 16 p2681 A67-30476
- MATHES, H. B.**
Measurement of combustion dynamics of solid propellants in the low frequency range. [AIAA PAPER 67-70] 06 p1073 A67-18451
- MATHES, K. N.**
Dielectric properties of cryogenic liquids. 14 p2341 A67-28891
- MATHESON, W. E.**
Aerospacecraft. 06 p1098 A67-19022
- MATHEWS, A. J.**
Effects of various operating parameters on mass spectrometer sensitivity. 12 p1942 A67-25694
- MATHEWS, C. W.**
A review of the Gemini manned space flight program. 02 p0327 A67-12363
Collective knowledge gained from Gemini. [AIAA PAPER 66-1027] 04 p0704 A67-14979
Paving the way for manned planetary exploration. 12 p2002 A67-25233
- MATHEWS, D. R.**
Deep penetration of radiation by the method of invariant imbedding. 11 p1817 A67-25063
- MATHEWS, T.**
Response of mu-meson detectors deep in the atmosphere to primary cosmic-ray particles of magnetic rigidity between 10 and 25 gv. 15 p2549 A67-29184
- MATHEY, R.**
Mathematical analysis of certain problems posed by the electrostatic gyroscope /Analyse mathematique de quelques problemes poses par le gyroscope electrostatique/. 02 p0242 A67-12039
- MATHIAS, E.**
The decomposition of polytetrafluoroethylene in a glow discharge. 18 p2998 A67-34369
- MATHIAS, L. E. S.**
Pulsed laser emission from helium at 95 mu m. 15 p2497 A67-29395
- MATHIASSEN, A. A.**
Computer control of the Haystack antenna. 05 p0790 A67-17517
- MATHIEU, H.**
Study of GaSb injection lasers /Sur l'etude des lasers a injection au GaSb/. 09 p1516 A67-22600
Emission of GaSb injection lasers in a pulsed regime /Emission de lasers a injection au GaSb en regime d'impulsions/. 23 p4016 A67-41193
- MATHIEU, J.**
Measurement of the friction coefficient on a plane wall by means of a scale /Mesure du coefficient de frottement sur paroi plane a l'aide d'une balance/. 09 p1501 A67-22577
Study of a plane jet /Etude d'un jet plan/. 12 p1891 A67-25142
Wall jet /Jet parietal/. 13 p2049 A67-26590
Wall jet /Jet parietal/. 16 p2662 A67-31470
- MATHIEU, J. C.**
A model for the analysis of enthalpies and entropies of liquid binary alloys. 21 p3733 A67-39105
- MATHIEU, J. P.**
Problems of Optics /Problemes d'Optique/. 14 p2349 A67-29006
- MATHOT, F.**
Method of measuring aerodynamic coefficients in a hypersonic blowdown wind tunnel /Methode de mesure des derivees aerodynamiques en soufflerie hypersonique a rafales/. 05 p0788 A67-16764
- MATHUR, B. P.**
A general equation for the suppressor controlled transconductance of a pentode. 16 p2635 A67-30794
- MATHUR, B. S.**
Coherent detection of a new type of optical double-quantum transition. 13 p2127 A67-27079
- MATHUR, M. N.**
Heat transfer in a steady flow of a non-Newtonian fluid between two wavy walls situated symmetrically about a mid-plane. 18 p3161 A67-34616
- MATHUR, S.**
Relations between thermal conductivity and diffusion coefficients of pure and mixed polyatomic gases. 03 p0535 A67-13518
Methods of calculating thermal conductivity of binary mixtures involving polyatomic gases. 12 p2033 A67-25217
- MATHUR, S. C.**
Simple LCAO MO calculations for hydrogen phthalocyanine. 03 p0495 A67-13525
Magnetic behaviour of manganous acetate tetrahydrate crystal. 15 p2540 A67-30091
- MATIN NAQVI, M.**
Large deflections of rectangular plates. 04 p0707 A67-14445
- MATISOO, J.**
The Josephson junction as a switching device. 22 p3865 A67-40437
- MATITTI, T.**
Evidence for a coherent deceleration of an electron beam during the electron plasma frequency instability. 11 p1827 A67-23890
- Parameter dependence of low and high frequency instabilities in a beam-plasma experiment. 11 p1837 A67-24400
Excitation of ion oscillations by beam-plasma interaction. 14 p2360 A67-28553
- MATIUSHENKO, N. N.**
Structure of molybdenum and tungsten films obtained by thermal decomposition of carbonyls in vacuum /Struktura plenok molibdena i vol'frama, poluchennykh termicheskimi razlozheniem karbonilov v vakuume/. 17 p2921 A67-32892
- MATLOCK, R. W.**
An evaluation of fatigue damage gages. [AIAA PAPER 67-794] 24 p4251 A67-42955
- MATONAK, L. A.**
A continuous monitoring technique for component life tests. 12 p1922 A67-25698
Digital Chatter/Transfer Detector. 12 p1943 A67-25702
- MATOUSEK, J.**
The generation of large pulses in a ruby laser by the method of a rotating mirror at lower frequencies /Generace obrich pulsu na rubinovom laseru metodou rotujicho zrcadla za nizsich rychlosti/. 15 p2498 A67-29642
- MATRANGA, G. J.**
Flight results with a non-aerodynamic, variable stability, flying platform. 06 p0948 A67-18202
An assessment of ground and flight simulators for the examination of manned lunar landing. [AIAA PAPER 67-238] 07 p1129 A67-20044
- MATSCH, L.**
Flow at low Reynolds number with partial admission between rotating disks. 23 p3988 A67-40614
- MATSCH, L. C.**
A nonsteady-state thermal-conductivity tester for cryogenic insulations. 22 p3803 A67-40295
- MATSHAT, K.**
Experience with the automatic aircraft-noise monitoring equipment at the Frankfurt airport /Erfahrungen mit der automatischen Fluglaermuederwachungsanlage des Flughafens Frankfurt/Main/. 09 p1484 A67-21941
- MATSCHINSKI, M.**
Introduction of a tensor intensity of chaotic motions /Sur l'introduction d'une intensite tensorielle des mouvements chaotiques/. 11 p1819 A67-24757
- MATSNEV, E. I.**
Functional state of the human acoustic analyzer in an experiment with bimonthly hypokinesia /Funktsional'noe sostoianie slukhovogo analizatora cheloveka v eksperimente 2-meslachnoi gipokinezie/. 20 p3368 A67-36267
Prolonged effect of noise of moderate intensity on the functional state of an organism /Ditel'noe vozdeistvie shuma srednei intensivnosti na funktsional'noe sostoianie organizma/. 20 p3369 A67-36670
- MATSON, R. C.**
Nonreciprocal tunnel diode distributed amplifier. [AFOSR-67-1406] 13 p2079 A67-26876
- MATSONASHVILI, B. N.**
Temperature dependence of the electrical conductivity of pure BaTiO sub 3 crystals and of BaTiO sub 3 crystals with iron and cobalt impurities /Temperaturnaya zavisimost' elektroprovodnosti kristallov BaTiO sub 3, chistyykh i s primesyami zheleza i kobalta/. 04 p0678 A67-15130
Temperature dependence of the electrical conductivity of pure BaTiO sub 3 crystals and crystals containing iron and cobalt impurities. 12 p1978 A67-25154
- MATSUBARA, H.**
Molecular weight and amino acid composition of chromatium ferredoxin. 24 p4113 A67-42653
- MATSUBARA, M.**
Jump resonance criteria of nonlinear control systems. 06 p0977 A67-18526
- MATSUDA, I.**
Field-induced photoelectron emission from silicon surface-barrier diodes. 23 p3980 A67-40890
- MATSUDA, K.**
Holographic generation of a contour map of a diffusely reflecting surface by using the immersion method. 16 p2670 A67-30612
- MATSUDA, M.**
A circuit-theoretic treatment of laser actions. 20 p3459 A67-36768

MATSUHARA, M.

Mode discrimination of laser resonator exploiting the transmission characteristics of the Fabry-Perot interferometer. 10 p1663 A67-22835

MATSUI, K.

Photoconductivity in silicon irradiated at low temperature /Photoconductivite dans le silicium irradie a basse temperature/. 17 p2920 A67-32864

MATSUMIYA, K.

An analysis of turbulent boundary layer along a flat plate. 08 p1319 A67-20405
An analytical study of a favourable velocity distribution for a low drag aerofoil. 08 p1275 A67-20407

An analysis of turbulent flow in a two-dimensional channel. 22 p3782 A67-39409

MATSUMOTO, E.

Mechanical analog procedure for solution of the the plane thermoelastic problem. 05 p0917 A67-16417

MATSUMOTO, K.

Successive stress relaxation observed on molybdenum polycrystals in pre-yield region. 14 p2337 A67-28230

Sterically controlled syntheses of optically active alpha-amino acids from alpha-keto acids by reductive amination. 20 p3376 A67-36874

MATSUMOTO, M.

Anomalous diffusion arising from drift instability in a cylindrical plasma. 08 p1366 A67-21440

The functional equations in the radiation field. I. 24 p4189 A67-42597
Duhamel's principle in the internal radiation field. 24 p4189 A67-42598

MATSUMOTO, T.

Fluctuation of optical path in a turbulent atmosphere. 18 p3000 A67-34025

MATSUNAGA, F. M.

Absorption coefficient and photoionization yield of no in the region 580-1350 angstrom units. 10 p1681 A67-22738

MATSUNAGA, S.

Measurements of flow velocities in an MHD channel. 05 p0854 A67-16983
Direct measurements of flow velocities, seeding ratios and electrical conductivities in seeded argon plasmas. 09 p1539 A67-21780
MHD power generation experiments with potassium-seeded argon plasmas. 16 p2601 A67-30554

MATSUNO, J.-I.

Crystal growth and orientation of vacuum deposited films of CdTe. 12 p1982 A67-25450

MATSUO, H.

Wind compensation system in the Kagoshima Space Center, University of Tokyo. 08 p1314 A67-20542

MATSUO, M.

Effective coverage of bistatic radar. 12 p1908 A67-26223
Observation method for satellite orbits by two-frequency direction finding. 20 p3382 A67-36774

MATSUO, S.

Effects of cerium on workability of magnesium. 15 p2505 A67-30398

MATSUOKA, K.

A study on the limit of circulatory lift on wings with finite span. 17 p2789 A67-32035

MATSUOKA, M.

The observation of galactic X-rays. 01 p0144 A67-10562
Possible models for X-ray source, SCO-X-I. 04 p0694 A67-14484

MATSUOKA, M.

Energy spectra of galactic X-rays. 05 p0883 A67-16876
Observations of energy spectra of galactic X-rays. 10 p1700 A67-23054

MATSUOKA, M.

Energy spectra of galactic X-rays. 10 p1701 A67-23229
A mechanism of X-ray emission from supernova remnants and other active objects. 12 p1995 A67-25784

MATSUOKA, M.

Observation of the background component of cosmic X-rays. 19 p3314 A67-35278

MATSUSHIMA, A.

The flow of conducting fluids in circular pipes with finite conductivity under uniform transverse magnetic fields. 10 p1687 A67-23833

MATSUSHIMA, S.

Variation of lunar eclipse brightness and its association with the geomagnetic planetary index K sub p. 03 p0509 A67-13165

MATSUSHIMA, S.

Transient lunar brightening. 07 p1256 A67-20160

MATSUSHITA, S.

Effects of a solar eclipse on the equatorial geomagnetic field. 03 p0408 A67-12839
A study of blanketing sporadic E at middle latitudes. 15 p2476 A67-29622
World maps of conjugate coordinates and L contours. 17 p2844 A67-32547
Geomagnetic pulsations associated with sudden commencements and sudden impulses. 17 p2851 A67-33211
Ionosphere. 20 p3430 A67-36907

MATSUURA, K.

Interaction between plasma oscillation and radiation field. III. 04 p0662 A67-14613
Nonlinear kinetics of plasma. 17 p2902 A67-32670

I. Experimental study of electrostatic ion cyclotron waves in a plasma. 21 p3667 A67-38407

MATSUZAKI, R.

Luminous front in an electric shock tube having a coaxial gun. 14 p2355 A67-27823

MATSUZAWA, H.

Optimum design of elliptical pumping chambers for solid lasers. 07 p1195 A67-19490

MATT, R. E.

Gravity-sintering and low-pressure pressing of tungsten powders. 01 p0098 A67-10701

MATT, S.

Airborne early warning radar - Some basic considerations. 04 p0573 A67-15040

MATTA, R. K.

The electron beam fabrication of small geometry transistors. 13 p2084 A67-27574

MATTANA, N.

Instrumentation and technique for the vertical sounding of atmospheric ozone implemented at Cagliari during the International Quiet Sun Year

/Strumentazione e metodo di rilevamento dell'ozono atmosferico in quota realizzati a Cagliari durante l' "Anno di Quietate Solare"/. 03 p0405 A67-12804

MATTAUCH, R. J.

The effects of Co super 60 gamma radiation on MOS diodes. 20 p3510 A67-36961

MATTEI, G.

The magnetogravitational instability of a uniformly rotating compressible medium /Sulla instabilita magnetogravitazionale di un mezzo comprimibile in rotazione uniforme/. 23 p4033 A67-41019

MATTESSON, T. D.

In-service reliability analysis - A guide for reducing maintenance costs and spares requirements. 01 p0083 A67-11352

MATTHEI, W. G.

Devices for hybrid microwave integrated circuits. 15 p2452 A67-29929

MATTHEWS, G. H.

Two-way languages. 12 p1962 A67-26120

MATTHEWS, H.

Diffraction of light by elastic waves in YIG. 12 p1984 A67-25746

MATTHEWS, K. J.

Ionization and electron temperatures in carbon monoxide and hydrogen flames with added methane. 18 p3151 A67-33807

MATTHEWS, L. D.

Chemisorption of carbon monoxide on molybdenum. 15 p2434 A67-30099

MATTHEWS, M. L.

Trajectory optimization program /TOP/. 19 p3257 A67-35958

MATTHEWS, P. A.

Signal processing in antennas. 14 p2285 A67-28450

MATTHEWS, P. W.

Heat flow in dielectric materials in the boundary-scattering limit. 08 p1426 A67-20716

MATTHEWS, W. T.

Frequencies and mode shapes for axisymmetric vibration of shells. 04 p0714 A67-15424

MATTHIAS, B. T.

Superconductivity and the d-shell. 06 p1047 A67-17842

MATTHIAS, B. T.

The alpha-Ti-Fe solid solution and its superconducting properties. 06 p1051 A67-18370

MATTHIAS, B. T.

On the superconductivity in beta-beryllium and related phases. 10 p1888 A67-22890

MATTHIAS, B. T.

Superconductivity of the transition-metal carbides. 19 p3303 A67-35040

MATTHIAS, B. T.

Positive isotope effect on the superconducting transition temperature of alpha-uranium. 23 p4044 A67-41439

MATTHIEN, R. B.

Combination torsion and axial compression tests of conical shells. 06 p1110 A67-18858

MATTIG, W.

Line formation in sunspots. 13 p2204 A67-27431

MATTING, A.

Adhesion of metals /Metallkleben/. 07 p1193 A67-20291

MATTINGLY, G. S.

A technique of simulation of the operational and human factors design of the Apollo airlock module and the Gemini IX-XII EVA missions. 24 p4116 A67-42941

[AIAA PAPER 67-773]

MATTIOLI, E.

Generation of turbulence in the boundary layer with pressure gradient /Sulla generazione della turbolenza nello strato limite con gradiente di pressione/. 04 p0602 A67-14598

Experimental investigation of the effects of the pressure gradient and free-stream turbulence on the boundary layer of a flat rough plate /Una ricerca sperimentale sugli effetti del gradiente di pressione e della turbolenza della vena libera sullo strato limite di una lastra piana ruvida/. 13 p2095 A67-26809

MATTOX, A. D.

Problems and future needs associated with recording data from static firings of solid propellant motors. 01 p0073 A67-11111

MATTSON, G. C.

An improved method for Apollo propulsion system decontamination. 20 p3516 A67-36578

MATTSON, R. H.

Development and evaluation of an impedance cardiac output system. 05 p0755 A67-16278

Incremental stress effects in transistors. 09 p1472 A67-21950

MATSSON, A. C. J.

Self-excited MHD generators. 16 p2608 A67-30596

MATUKURA, Y.

Uniaxial stress effect of Ge pn junctions doped with copper. 12 p1983 A67-25456

MATUKURA, Y.

Instabilities of MOS structure. 16 p2724 A67-30602

MATUKURA, Y.

Instabilities of clean MOS structure. 22 p3774 A67-40461

MATULA, R. A.

Comparison between exact and one-dimensional theories for incipient melting in reentry simulation. 03 p0537 A67-14014

[ASME PAPER 65-WA/HT-53]

Transient temperature distribution in a spherical region subjected to a variable surface heat flux. 20 p3555 A67-37610

MATUNOBU, Y.

Motion of a deformed drop in Stokes flow. 01 p0051 A67-10458

Experimental study on a deformed drop moving through viscous media. 14 p2302 A67-28235

MATUOKA, K.

Hovering stability of a crane helicopter. 05 p0751 A67-16439

MATUSEVSKAIA, N. F.

X-ray studies of the Nb-Ni-Al system /Rentgenostrukturnoe issledovanie sistemy Nb-Ni-Al/. 04 p0638 A67-15204

MATUURA, N.

Reaction rates in the F region. 06 p0996 A67-18430

MATUYAMA, E.

Basal plane contraction and annealing of a degraphitized carbon. 05 p0833 A67-16891

MATVEENKO, L. I.

Large base-line radio interferometers. 02 p0213 A67-11635

MATVEEV, I. U. A.

Emission statistics of a laser with nonresonant feedback. 18 p3062 A67-34621

MATVEEV, I. U. G.

Results of measurements of the radio emission of the moon at the wavelengths 7.93, 11.0, 14.2, and 20.8 cm /Rezultaty izmerenii radioizlucheniia luny na volnakh 7.93, 11.0, 14.2 i 20.8 cm/. 02 p0322 A67-11581

Reflection coefficient for electromagnetic waves incident at various angles on a plane laminar medium of lunite /Koeffitsient otrazheniia ot ploskosloistoi sredy lunita dlia razlichnykh uglov padeniia elektromagnitnykh voln/. 15 p2552 A67-29150

Reflection coefficient for a plane-layered lunite medium for different angles of incidence of electromagnetic waves. 24 p4239 A67-43073

- MATVEEV, I. U. N.**
Some solution features of oxides having semiconducting properties /Nekotorye osobennosti rastvorenija oksidov, imelushchikh poluprovodnikovye svoystva/. 20 p3510 A67-36816
- MATVEEV, I. U. V.**
Possible reasons for the effect of electrode polarity on rail gun acceleration of plasma. 02 p0275 A67-12471
- MATVEEV, R. F.**
Analysis of the passage of beam-waveguide waves through an inhomogeneous medium /Analiz prokhozhdenija luchevochnykh voln cherez neodnorodnulu sredu/. 04 p0575 A67-15150
Energy losses in slightly irregular multimode waveguides. 05 p0775 A67-16965
Analysis of the passage of beamguide waves through an inhomogeneous medium. 15 p2435 A67-29337
- MATVEEV, V. I.**
Active-medium gain of gas lasers /O koefitsientu usilenija aktivnoi sredy gazovyykh OKG/. 22 p3816 A67-40128
Determination of the optimum transmission coefficient of a laser output mirror /Opredelenie optimal'nogo koefitsienta propuskaniya vykhodnogo zerkala O.K.G./. 22 p3817 A67-40412
- MATVEEV, V. V.**
Contactless method for measuring the specific resistance of semiconductor plates and epitaxial layers. 11 p1792 A67-24812
- MATVEEVA, E. T.**
Rapid variations of the electromagnetic field as an indication of the state of the radiation belts and the geomagnetosphere. 12 p1994 A67-25537
Application of the rapid variations of the earth's electromagnetic field to the diagnostics of the state of the magnetosphere /Ispol'zovanie bystrykh variatsii elektromagnitnogo polia zemli dlia diagnostiki sostoiannya magnitosfery/. 17 p2846 A67-32937
General laws governing the excitation of Pcl oscillations in the solar cycle /Obshchie zakonomernosti vzbuzhdenii kolebaniy Pcl v solnechnom tsikle/. 17 p2847 A67-32945
Regularities in the behaviour of micropulsations during the solar cycle. 19 p3325 A67-35486
- MATVEEVA, M. P.**
Thermal etching of the beta alloy of the Ti-Mo-Fe-Al system /Termicheskoe travlenie beta-splava sistemy Ti-Mo-Fe-Al/. 09 p1518 A67-21967
- MATVEEVA, N. M.**
Thermochemical study of the alloys of the system Ti-Al in the region of an alpha-solid solution /Termokhimicheskoe issledovanie splavov sistemy Ti-Al v oblasti alfa-tverdogo rastvora/. 07 p1204 A67-19268
Superconductivity of the Nb sub 3 Al-Mo sub 3 Al system /Sverkhprovodimost' v sisteme Nb sub 3 Al-Mo sub 3 Al/. 13 p2184 A67-27631
Superconductivity in the system Nb sub 3 Al-Mo sub 3 Al. 21 p3685 A67-38828
- MATVEEVA, N. S.**
On the theory of strong interaction of the boundary layer with an inviscid hypersonic flow. 01 p0053 A67-10983
Laminar boundary layer near a corner point of a body /Laminarnyi pogranichnyi sloi vbliz uglovoi tochki tela/. 22 p3785 A67-40018
- MATVEEVA, T. V.**
Corrosion and electrochemical behavior of rhenium. 12 p1955 A67-25359
- MATVIENKO, B. V.**
Study of the oxidation of thin films of beryllium. 13 p2132 A67-26998
- MATYAS, J.**
Analogue solution of a system of linear algebraic equations /Analogove reseni soustav linearnich algebraicheskych rovnici/. 19 p3187 A67-36032
- MATYAS, M.**
The magnetic susceptibility of p-type CdSb. 12 p1987 A67-26225
- MATYUSHKIN, E. V.**
Peculiarities of the RbMnF sub 3 - Nd super 3 super plus crystals decay kinetics due to the migration of excitation energy. 20 p3506 A67-36218
- MATZNER, R.**
Computer programs for calculating general-relativistic curvature tensors. [JPL-TR-32-1122] 14 p2276 A67-28847
- MATZNER, R. A.**
Gravitational field equations for sources with axial symmetry and angular momentum. 11 p1819 A67-24597
- MAUCK, G.**
Nucleons in the atmosphere /Nukleonen in der Atmosphaere/. 14 p2380 A67-27966
- MAUCK, R. A.**
A high stability crystal oscillator for the Geos spacecraft. 15 p2445 A67-29585
- MAUDE, A. D.**
Short bursts of scintillation of satellite radio signals. 22 p3759 A67-39478
- MAUERSBERGER, K.**
Neutral constituents of the upper atmosphere in the altitude range of 110 to 160 km above Sardinia. 10 p1639 A67-23213
- MAUERSBERGER, P.**
Application of Noetherian theorems to the Hamiltonian principle of thermodynamics /Anwendung der Noetherschen Saeetze auf das Hamiltonsche Prinzip der Hydrodynamik/. 13 p2105 A67-27397
- MAUGUE, R.**
Contribution to the study of clutter and of fluctuating targets /Contribution a l'etude de clutter et des cibles fluctuantes/. 03 p0372 A67-14093
- MAULARD, J.**
Measurement of heat fluxes in very short flows /Mesures des flux thermiques dans les ecoulements tres brefs/. 01 p0168 A67-11091
- MAULBETSCH, J. S.**
System-induced instabilities in forced-convection flows with subcooled boiling. 04 p0736 A67-15858
- MAULSEY, R. L.**
Electroencephalogram during orbital flight. 01 p0015 A67-10954
- MAUMET, P.**
Analogue computer study of a plane Laplacian field according to Dirichlet data - Flow around a variable profile /Etude sur calculateur analogique d'un champ Laplacien plan a donnees de Dirichlet - Ecoulement autour d'un profil variable/. 07 p1128 A67-20225
- MAUN, E. K.**
An automated method of computing aeroelastic body loads. 08 p1405 A67-20505
- MAUNDER, L.**
The oscillogyro. 14 p2322 A67-29010
- MAUNDERS, E. A.**
Optical isolator for near infrared. 09 p1500 A67-22425
Laser mode selection by internal reflection prisms. 10 p1662 A67-22742
- MAURAKH, M. A.**
Determination of the heat of fusion of titanium /Opredelenie teploty plavleniya titana/. 10 p1670 A67-23640
- MAURER, H. E.**
A design procedure for radiation hardening certain NOR gate logic circuits. 21 p3603 A67-38185
- MAURER, S. J.**
Ray-optical techniques for guided waves. 24 p4124 A67-42807
- MAURETTE, M.**
Origins of fossil charged-particle tracks in meteorites. 07 p1245 A67-19941
Tracks of heavy primary cosmic rays in meteorites. 07 p1245 A67-19942
- MAURIN, C.**
Experimental study of the propagation of an electromagnetic wave along a plasma column subjected to a longitudinal magnetic field according to the modes m equals 1 and m equals -1 /Etude experimentale de la propagation selon les modes m equals 1 et m equals -1 d'une onde electromagnetique le long d'une colonne de plasma soumise a un champ magnetique longitudinal/. 02 p0273 A67-12062
- MAURIN, L.**
Duality principle for automorphic functions on a locally compact unimodular group /Dualitaetsatz fuer automorphe Funktionen auf einer lokal kompakten unimodulaeren Gruppe/. 03 p0458 A67-13387
- MAURO, R.**
Multiple-wave interactions in piezoelectric semiconductors. 22 p3854 A67-39246
- MAUTNER, S. E.**
Military, Electronics and Aerospace Handbook on Reusable Protective Packaging. 22 p3771 A67-39832
- MAVIS, F. T.**
Airplane take-off and landing paths. 21 p3568 A67-38809
- MAVOR, J.**
Low-noise operation of M.O.S. transistors in commongate connection. 22 p3773 A67-40309
- MAVROIDES, J. G.**
Interband magneto-optical studies of semiconductors and semimetals. 11 p1847 A67-24662
- MAVRYCHEV, I. U. S.**
Derivation of a relation between cosmological parameters and microphysical constants /K voprosu o vyvode sootnoshenija mezhdu kosmologicheskimi parametrami i mikrofizicheskimi konstantami/. 15 p2554 A67-29316
- MAWARDI, O. K.**
Instability of electromagnetically driven shock. 19 p3294 A67-35406
- MAX, E.**
Selection of emission wavelengths in lasers. 23 p4014 A67-41025
- MAX, J.**
Application of certain statistical methods to the treatment of information in the space domain /Application de certaines methodes statistiques au traitement de l'information dans le domaine spatial/. 16 p2633 A67-30671
- MAXWELL, D. E.**
A 5 to 50 MHz direct-reading phase meter with hundredth-degree precision. 09 p1494 A67-21620
- MAXWELL, E.**
Magnetic properties of superconducting Mo-Re alloys. 07 p1236 A67-20135
Microwave flux-flow dissipation in paramagnetically-limited Ti-V alloys. 16 p2727 A67-30821
Flux-hole motion and the peak effect in superconductivity. 20 p3505 A67-36209
- MAXWELL, E. L.**
Atmospheric noise from 20 Hz to 30 KHz. 16 p2632 A67-31861
- MAXWELL, F. W.**
Computer aids to engineering management and design - A manager's view. [AIAA PAPER 67-920] 24 p4260 A67-43019
- MAXWELL, J.**
Heat losses through rarefied fluids. 10 p1731 A67-22725
- MAXWELL, J. A.**
The dispersion of waves in blood vessels. 11 p1748 A67-23990
Revelstoke - A new type I carbonaceous chondrite. 24 p4233 A67-42618d
- MAXWELL, J. C.**
Complex-correlation radiometer. 11 p1762 A67-24287
- MAXWELL, R.**
Scattering of spin polarized carriers from spin polarized impurities in semiconductors. 06 p1063 A67-18937
- MAXWELL, W. R.**
The relative importance of specific impulse and propellant density. 18 p3137 A67-34360
Solid propellant rocket motors - The shape of the motor body as an additional variable used to achieve a given thrust-time programme. 18 p3115 A67-34361
- MAXWORTHY, T.**
A note on the existence of wakes behind large, rising bubbles. 08 p1321 A67-20712
- MAY, A.**
Gantry "white rooms" at Cape Kennedy. 07 p1167 A67-20284
- MAY, C. B.**
An evaluation of man's capability to perform support functions in space. 01 p0018 A67-11405
- MAY, G.**
Measurement of parameters of semiconductor devices. 19 p3191 A67-34944
- MAY, J. W.**
Diffraction study of oxygen adsorption on a /110/ tungsten face. 03 p0447 A67-13647
Thermally ordered oxygen on a nickel surface. 19 p3244 A67-34937
- MAY, M. M.**
Stellar dynamics and gravitational collapse. 14 p2393 A67-28997
- MAY, R.**
Estimation of frequency response from random data. 15 p2465 A67-30345
- MAY, R. M.**
Exact equation of state for a 2-dimensional plasma. 20 p3501 A67-37293
- MAYAUD, P. N.**
Possible existence of a "counterelectrojet" at equatorial magnetic latitudes /A propos de l'existence possible d'un "contre electrojet" aux latitudes magnetiques

- equatoriales/. 15 p2478 A67-30070
- MAYBEE, J. S.**
New generalizations of Jacobi matrices. 03 p0460 A67-13820
A stability theorem for a class of damped dynamic systems and applications. 06 p1099 A67-17644
Some new stability results in the theory of whirling. 11 p1798 A67-24318
- MAYCOCK, P. D.**
Thermal conductivity of silicon, germanium, III-V compounds and III-V alloys. 09 p1553 A67-21943
- MAYDELL, W. V.**
Thoughts regarding the concept of a European television satellite. 16 p2822 A67-30697
- MAYER-ROSA, D.**
Structure of the rolling texture of body-centered cubic metals and alloys. I /Ueber den Aufbau der Walztextur kubisch raumzentrierter Metalle und Legierungen. IV/. 07 p1210 A67-20107
- MAYER, C. H.**
Radio observations of the planets. 14 p2385 A67-28405
Radioastronomical research on Venus and Mars /Radioastronomische Untersuchungen von Venus und Mars/. 19 p3317 A67-34796
- MAYER, D.**
Analysis of an electric circuit in the transient state by means of an automatic digital computer /Analiza elektrického obvodu v prechodnom stavu pomoci samocinného číslicového počítače/. 09 p1469 A67-22440
Using an analogue network for square matrix inversion. 14 p2292 A67-28902
- MAYER, E.**
Correlation of intermittency with preferential transport of heat and chemical species in turbulent shear flows. [AIAA PAPER 65-810] 01 p0054 A67-11167
- MAYER, E. A.**
Large-signal vortex valve analysis. 14 p2251 A67-28341
- MAYER, F.**
Electromagnetic compatibility - Anti-interference wires, cables, and filters. 01 p0024 A67-10500
- MAYER, G.**
Nonlinear optical attenuation in silicon /Attenuation optique non linéaire dans le silicium/. 16 p2885 A67-30870
Stimulated Raman effects in calcite /Effets Raman stimulés dans la calcite/. 23 p4016 A67-41191
- MAYER, J. W.**
Evaluation of CdTe by nuclear particle measurements. 08 p1356 A67-21308
Zn and Te implantations into GaAs. 15 p2536 A67-29495
Transport properties of semi-insulating CdTe using nuclear particles. 19 p3308 A67-36101
Solubility effects of implanted ions in semiconductors. 20 p3510 A67-36856
- MAYER, L. W.**
Aircraft and aerospace applications. 14 p2323 A67-27817
- MAYER, O. F.**
Problems of environmental testing of orbital and space vehicle structures. [SAE PAPER 660682] 01 p0049 A67-10587
- MAYER, R.**
Frequency multiplication with nonlinear resistances /Eln Beitrag zur Frequenzvervielfachung mit nichtlinearen Widerständen/. 19 p3182 A67-35033
- MAYER, R. E.**
A digital range tracking system using integrated circuits. 03 p0370 A67-13831
- MAYER, S. W.**
Computation of high-temperature rate constants for bimolecular reactions of combustion products. 18 p3154 A67-33835
- MAYER, U.**
Fresnel-micro-zone-plates for X-ray images of the sun. 10 p1707 A67-23232
- MAYERHOFER, E.**
High-power traveling-wave tube YH 1041 - A new transmitter tube for satellite radiocommunication. 08 p1307 A67-21446
Transmission characteristics of high power travelling-wave-tubes for satellite ground-stations. 09 p1478 A67-22258
- MAYERS, J.**
General instability and face wrinkling of sandwich plates - Unified theory and applications. [AIAA PAPER 66-138] 10 p1717 A67-23126
- Unified theory for the bending and buckling of sandwich shells - Application to axially compressed circular cylindrical shells. 10 p1728 A67-23761
- MAYES, P. E.**
Pattern bandwidth optimization of the sleeve monopole antenna. 02 p0212 A67-11607
- MAYHALL, J. A.**
Low-cost boosters. 15 p2566 A67-29832
- MAYHAN, R. J.**
Electromagnetic plane wave scattering from a plasma-coated conducting cylinder. 20 p3389 A67-37706
- MAYLOTTE, D. H.**
Vibrational population-inversion and stimulated emission from the continuous-mixing of chemical reagents. 09 p1511 A67-21746
- MAYNARD, H. M.**
Application of image processing research to the retrieval of filmed data. 07 p1148 A67-19745
- MAYNARD, N. C.**
Measurements of ionospheric currents off the coast of Peru. 13 p2107 A67-26308
- MAYNE, D. Q.**
A gradient method for determining optimal control of non-linear stochastic systems. 07 p1159 A67-19193
Recent approaches to the control of stochastic processes. 14 p2292 A67-29062
- MAYO, A. M.**
Space exploration by remote control. 14 p2256 A67-28036
Exploiting the resources of the moon - An overview. [AIAA PAPER 67-872] 24 p4238 A67-42993
- MAYO, A. P.**
Orbit determination for Lunar Orbiter. [AIAA PAPER 67-545] 19 p3328 A67-35944
- MAYO, E. E.**
Nose selection and vehicle motion dynamics for the second stage of a two-stage sounding rocket system. 08 p1406 A67-20513
- MAYO, W.**
An analysis of critical fuel solution reactors containing arrays on void tubes. 16 p2702 A67-31814
- MAYPER, V., JR.**
Problems and pitfalls in automatic test computer programming. 20 p3391 A67-36972
- MAYR, H. G.**
Global behavior of the ionosphere at 1000-kilometer altitude. 07 p1181 A67-19935
Ion composition and temperature in the topside ionosphere. 22 p3790 A67-39804
- MAYR, J. M.**
Submillimeter wave amplification in a periodic structure. 03 p0380 A67-13557
- MAYTONE, F. F.**
A reliable high density, repairable microelectronic module. 05 p0779 A67-17465
- MAZALOV, I. U. P.**
Plasmoid collisions in an axisymmetric magnetic field /Stolknovenie plazmennyykh sgustkov v aksial'nosimmetrichnom magnitnom pole/. 15 p2525 A67-29248
- MAZARIUK, E. A.**
Modulation of the solar-diurnal effect and the possibility of distinguishing the sidereal time variation in cosmic-ray intensity. 02 p0311 A67-12594
Presence of anisotropy of cosmic rays with energies in the range from 10 super 10 to 10 super 12 ev in galactic space /K voprosu o nalichii anizotropii kosmicheskikh luchei s energiei 10 super 10-10 super 12 ev v galakticheskom prostranstve/. 05 p0881 A67-16120
Experimental determination of the coupling coefficients for an oblique cosmic-ray component /Eksperimental'noe opredelenie koeffitsientov svyazi dlia nakhlonnoi komponenty kosmicheskikh luchei/. 05 p0882 A67-16126
- Possibilities of detecting cosmic-ray intensity variations with respect to sidereal time /Vozmozhnosti vydeleniya variatsii intensivnosti kosmicheskikh luchei po zvezdnomu vremeni/. 10 p1698 A67-22780
Measurements of the latitude effect and coupling coefficients of the inclined component of cosmic rays /Izmereniya shirotnogo efekta i koeffitsientov svyazi nakhlonnoi komponenty kosmicheskikh luchei/. 17 p2933 A67-32093
- A transistorized azimuthal supertelescope /Tranzisturnyi azimutal'nyi superteleskop/. 17 p2854 A67-32097
Simultaneous amplitude-phase modulation of periodic cosmic-ray variations by two frequencies /Amplitudnofazovaya moduliatsiya periodicheskikh variatsii kosmicheskikh luchei odnovremennno dvumia chastotami/. 17 p2934 A67-32106
Sidereal diurnal variations of cosmic rays /O zvezdnosutochnoi variatsii kosmicheskikh luchei/. 23 p4058 A67-41128
Possibility of determining cosmic-ray variation intensity from stellar time. 24 p4209 A67-42116
Concerning the anisotropy of 10 super 10 - 10 super 12 ev cosmic rays in galactic space. 24 p4214 A67-42796
Experimental determination of the coupling coefficients for the oblique component of cosmic rays. 24 p4215 A67-42802
- MAZDIYASNI, K. S.**
Cubic phase stabilization of translucent yttriazirconia at very low temperatures. 24 p4175 A67-42373
- MAZE, R.**
Absolute flux of hypothetical primary cosmic photons with energies of 10 super 15 EV /Sur le flux absolu d'hypothétiques photons cosmiques primaires d'énergie 10 super 15 EV/. 09 p1562 A67-22559
Direct method of showing the existence of extensive air showers due to primary photons /Sur une méthode directe démontrant l'existence des grandes gerbes de l'air dues à des photons primaires/. 19 p3316 A67-35796
- MAZELSKY, R.**
Superconducting properties of germanium telluride. 06 p1089 A67-18981
- MAZETS, E. P.**
Experimental evidence against the hypothesis of an earth dust cloud /Eksperimental'nye dannye, svidetel'stvuyushchie protiv gipotezy o pylevom oblake zemli/. 17 p2850 A67-32975
- MAZHUGA, V. V.**
Collision of an atom with the surface of a solid. 01 p0118 A67-11295
- MAZIA, V. G.**
Solubility in W super 2 sub 2 of the Dirichlet problem in a domain with a smooth irregular boundary /O razreshimosti v W super 2 sub 2 zadachi Dirikhle v oblasti s gladkoi neregularnoi granit'sel/. 14 p2344 A67-28634
- MAZILKIN, V.**
Investigation of a two-beam capacitive converter /Issledovanie dvukhluchevogo emkostnogo preobrazovatela/. 22 p3795 A67-39229
- MAZILKIN, V. I.**
Certain questions relating to the synthesis of capacitive converters /Nekotorye voprosy sinteza emkostnykh preobrazovatel'/. 06 p1003 A67-18175
- MAZING, M. A.**
The absolute oscillator strength of the resonance transition in the sodium atom. 14 p2329 A67-28248
- MAZITOV, R. K.**
Damping of plasma oscillations in a magnetic field /O zatukhanii plazmennyykh kolebani v magnitnom pole/. 11 p1842 A67-24965
- MAZNICHENKO, O. P.**
Dispersion of the refractive index of CdS sub x Se sub 1 sub minus x and CdTe single crystals in the visible and IR spectral ranges /Dispersiya pokazn'v zalomleniya monokristaliv CdS sub x Se sub 1 sub minus x ta CdTe u vidimii ta infrachervonii oblastakh spektra/. 16 p2732 A67-31481
- MAZOR, E.**
Light-dark structure and rare gas content of the carbonaceous chondrite Nogoya. 14 p2390 A67-28890
Primordial rare gases in unequilibrated ordinary chondrites. 19 p3317 A67-34912
Primordial gases in the Jodite howardite and the origin of gas-rich meteorites. 21 p3704 A67-38503
- MAZUMDAR, DZH.**
Stability of plates of arbitrary shape /Ustoychivost' plastinok proizvol'nogo ocheraniya/. 05 p0925 A67-17476
- MAZUR, M.**
Information theory and metrology /Teoria informacii a metrologia/. 10 p1654 A67-22756
- MAZURIN, N. I.**
Aeronautical meteorology /Aviatsionnaya meteorologiya/. 07 p1220 A67-19579
- MAZURKIEWICZ, S.**
Optimum profile design of a thin-walled

- bar under combined torsion and bending /Optymalne kształtowanie przekroju preta cienkościennego jednoczesnie skrecanego i zginanego/. 05 p0916 A67-16242
- MAZURKIEWICZ, Z.**
A certain solution of the problem of vibrations and bending of shells with variable curvatures. 21 p3721 A67-38383
- MAZZITELLI, F. R.**
Economic considerations in the use of carrier-on-board-delivery aircraft. [AIAA PAPER 66-790] 01 p0009 A67-10533
Economic considerations in the use of carrier-onboard-delivery aircraft. 17 p2797 A67-32572
- MAZZOLA, V.**
Coupler-type bend for pillbox antennas. 21 p3597 A67-38565
- MAZZUCCONI, F.**
The sun's polar surges and magnetic fields. 11 p1862 A67-24496
On the association rate between solar surges and flares. 17 p2938 A67-32820
- MC DONNELL, J. D.**
A "critical" tracking task for manual control research. 07 p1136 A67-20171
- MC GUIRE, A.**
A program - Biological research in a manned space laboratory. 08 p1287 A67-21070
- MCAFEE, J. R.**
Lateral flow in the exosphere. 17 p2852 A67-33235
- MCAFEE, K. B., JR.**
Mobilities and reactions of ions in argon. 20 p3492 A67-37690
- MC ALEVY, R. F., III**
Further studies of ammonium perchlorate composite propellant deflagration by means of burner analog techniques. [AIAA PAPER 67-101] 06 p1073 A67-18472
Flame spreading over the surface of igniting solid rocket propellants and propellant ingredients. 06 p1073 A67-18852
Flame spreading at elevated pressures over the surface of igniting solid propellants in oxygen/inert environments. 19 p3344 A67-34999
A criterion for space capsule fire hazard minimization. 22 p3904 A67-40110
- MCALEXANDER, J. C.**
Magnetic memory techniques for high accelerations. 02 p0242 A67-12019
- MCALLISTER, G. L.**
Gain saturation in neodymium - Glass laser amplifiers. 22 p3813 A67-39349
- MCASHAN, M. S.**
The application of superconductors in the construction of high-Q microwave cavities. 22 p3865 A67-40431
- MCAVOY, N.**
Solvent and temperature effects on fluorescence emission of europium beta-diketonates. 01 p0131 A67-10297
High intensity triboluminescence in europium tetrakis /dibenzoylmethide/-triethylammonium. 01 p0019 A67-10897
Laser action from terbium trifluoroacetylacetonate in p-dioxane and acetonitrile at room temperature. 11 p1803 A67-24833
Energy transfer in mixed lanthanide complexes. 23 p3971 A67-40747
- MCBEE, M. J.**
Stress-corrosion cracking of cold-reduced austenitic stainless steels. 11 p1807 A67-24586
- MCBEE, O. B.**
Effects of subsonic, supersonic, hypersonic, and orbital environments on structures. [SAE PAPER 660671] 01 p0160 A67-10578
- MCBEE, W. D.**
Particle losses in a simulated fusion plasma. 14 p2362 A67-29038
- MCBREEN, B.**
Radio pulses from extensive air showers. 07 p1242 A67-19619
- MCBRIDE, L. E.**
Identification of nonlinear sampled-data systems. 08 p1310 A67-20336
- MCCABE, A.**
Characteristics of proportional fluidic amplifiers. 08 p1280 A67-20446
- MCCABE, D.**
Results and analysis of piloted lunar module /LM/ landing simulation studies. [AIAA PAPER 67-241] 07 p1165 A67-20062
Results and analysis of piloted lunar module landing simulation studies. [AIAA PAPER 67-241] 22 p3780 A67-40100
- MCCABE, J. T.**
Determination of gas-bearing stability by response to a step-jump. [ASME PAPER 67-LUBS-5] 16 p2682 A67-31383
Stability considerations for a gas-lubricated tilting-pad journal bearing. I. [ASME PAPER 67-LUB-8] 24 p4162 A67-42672
- MCCABE, L.**
F-region irregularities after high altitude detonation of July 9, 1962. [AGARDOGRAPH 95] 15 p2484 A67-30306
- MCCAFFERTY, E.**
The corroding iron surface. 18 p3066 A67-34368
II. Adsorption studies on metals and elemental semiconductors. 19 p3301 A67-34935
XII. 19 p3301 A67-34935
- MCCAFFERTY, J.**
Dynamic performance of Surveyor throttleable rocket engine operating on propellants containing dissolved gas. [AIAA PAPER 66-949] 02 p0304 A67-12283
Dynamic performance of Surveyor throttleable engine when propellants contain dissolved helium. [AIAA PAPER 66-949] 13 p2188 A67-26834
- MCCAIG, M.**
Permanent magnet performance at temperatures above 550 deg C. 23 p4041 A67-41182
- MCCALL, J. J.**
Some elements of planned replacement theory. 01 p0083 A67-11339
- MCCALLION, H.**
Elastic-plastic deformation around a circular hole in a plate under cyclic loading. 12 p2016 A67-25423
Study of the effects of rotor bearing clearance on the whirling of a gimbal-mounted gyroscope. 14 p2328 A67-29004
Recent developments in fluid film lubrication theory. 21 p3632 A67-38135
- MCCALLISTER, J. P.**
A 500-nanosecond main computer memory utilizing plated-wire elements. 19 p3189 A67-36065
- MCCALLY, M.**
Tilt table responses of human subjects following application of lower body negative pressure. 05 p0755 A67-16286
Renal response to plus Gz gradient acceleration in man. 05 p0756 A67-16288
Role of transpharyngeal pressure gradients in determining intrapulmonary pressure during immersion. 22 p3751 A67-39604
- MCCAMMON, D.**
Infrared spectra of low-temperature stars. 09 p1566 A67-22224
Infrared coronal lines. 24 p4224 A67-41822
II. 24 p4224 A67-41822
- MCCANDLESS, L. C.**
Continuous silicon carbide filaments. 03 p0454 A67-13422
- MCCANLESS, F.**
Star Trackers and Systems Design. 20 p3481 A67-36136
- MCCANN, R. P.**
Polarization-diversity telemetry receivers. 02 p0198 A67-12024
- MCCARGO, M.**
Solar wind-plus-ultraviolet exposure studies on spacecraft thermal control coatings using in-situ optical property measurement techniques. 24 p4174 A67-42040
- MCCARROLL, B.**
Chemisorption and oxidation - Oxygen on tungsten. 09 p1457 A67-22024
Surface oxidation of tungsten at room temperature. 19 p3244 A67-34940
- MCCARTHY, E. D.**
The organic geochemistry of ancient sediments. II. 05 p0797 A67-16580
- MCCARTHY, J. P.**
Preparation and properties of epitaxial InAs. 17 p2911 A67-32194
- MCCARTHY, J. R.**
Heat transfer to supercritical nitrogen tetroxide at high heat fluxes and in axially curved flow passages. [ASME PAPER 67-HT-59] 20 p3549 A67-36741
- MCCARTNEY, E. J.**
The ring laser inertial sensor. 04 p0625 A67-15665
Optical system performance and atmosphere attenuation. 22 p3828 A67-39612
- MCCARTNEY, R. F.**
Fracture behavior of ultrahigh-strength-steel laminar composites. 22 p3822 A67-40056
- MCCARTY, R. D.**
Curve-fitting techniques and applications to thermodynamics. 24 p4177 A67-42083
- MCCAULEY, J. F.**
Geologic results from the lunar precursor probes. [AIAA PAPER 67-862] 24 p4238 A67-42986
- MCCAULEY, W. D.**
Effect of spherical roughness on hypersonic boundary-layer transition. [AIAA PAPER 66-26] 04 p0547 A67-14819
- MCCHESNEY, G.**
Broadband, lumped element UHF circulator. 13 p2076 A67-26483
- MCCHESNEY, M.**
Experiments on a shock-tube magneto-Fanno process /Issledovanie fanno-protssessa na udarnoi trube/. 17 p2898 A67-32183
- MCCLAIN, E. F.**
Galactic depolarization of the 21-centimeter-wave-length radiation of extragalactic sources. 05 p0895 A67-16601
- MCCLAIN, L. A.**
A model for planetary igneous differentiation. 17 p2942 A67-32387
- MCCLAMROCH, N. H.**
A result on the performance deterioration of optimum systems. 15 p2457 A67-29369
An approach to sub-optimal feedback control of non-linear systems. 23 p3983 A67-40645
On parameter invariance in linear control systems. 23 p3984 A67-41159
- MCCLANAHAN, J. M.**
Operating today's environmental test laboratory. 22 p3781 A67-40401
- MCCLAREN, S. W.**
Comparison of integrally formed compression panel efficiencies with other aerospace panel concepts. 10 p1729 A67-23769
- MCCLATCHY, R. A.**
Balloon observations of the radiance of the earth between 2100 cm super minus super 1 and 2700 cm super minus super 1. [JPL-TR-32-1080] 07 p1171 A67-19394
A weak-line absorption law in a semi-infinite homogeneous scattering atmosphere. 14 p2314 A67-28848
The use of the 4.3 micron CO sub 2 band to sound the temperature of a planetary atmosphere. 22 p3805 A67-40355
Atmospheric sensing with CO sub 2 lasers. 22 p3805 A67-40357
- MCCLAY, J. F.**
Poloidal hydromagnetic plasmaspheric resonances. 02 p0276 A67-12583
Hydromagnetic propagation in a theta-model geomagnetic tail. 22 p3791 A67-39815
- MCCLELLAN, R. G.**
An omnidirectional penetrometer for lunar surface characterization. 01 p0074 A67-11123
- MCCLELLAN, R. P.**
Solution of the non-homogeneous Helmholtz equation for optical gratings with perfectly conducting boundaries. 08 p1353 A67-20349
- MCCLELLAND, J. A.**
Integral covers for solar cells. 23 p3937 A67-41491
- MCCLINTOCK, A.**
A fluidic absolute measuring system. 08 p1330 A67-20439
- MCCLINTOCK, F. A.**
Biaxial tension, distributed dislocation cores, and fracture in bubble rafts. 16 p2768 A67-31279
Plastic shear flow in asymmetrically notched specimens. 16 p2770 A67-31293
- MCCLINTOCK, J. E.**
Plasma conductivity and temperature in a theta pinch. 05 p0859 A67-17437
- MCCLINTON, D. F.**
Satellite repeater system for advanced aircraft/ground communications. 01 p0021 A67-10207
SST communications via satellite repeaters. 16 p2629 A67-31530
- MCCLOSKEY, C. M.**
1, 3-diones promoters for room temperature curing of polyesters. 24 p4175 A67-42420
- MCCLLOUD, J. III**
The helicopter rotor at high Mach numbers. [AHS PAPER 102] 16 p2595 A67-31819
- MCCLOY, D.**
Cavitation in control valve orifices. 20 p3366 A67-37371
- MCCLUNEY, B.**
Drag development of the Belfast. 24 p4092 A67-42443
- MCCLURE, J. D.**
On the experimental determination of microstate distributions associated with gas-

surface scattering. 14 p2317 A67-28195
MCCLURE, J. W.
 Low-temperature specific heat and density of states of boronated graphite. 05 p0633 A67-17197
MCCOLL, M.
 Effects of radiation damage on the behavior of GaAs p-n junctions. 04 p0685 A67-15704
 Diffusion lengths of electrons and holes in GaAs. 11 p1850 A67-24912
MCCOLLOM, J. C.
 Systems-planning for transportation of large launch vehicles and spacecraft. 23 p4070 A67-40584
MCCOMAS, S. T.
 Hydrodynamic entrance lengths for ducts of arbitrary cross section. [ASME PAPER 67-FE-4] 14 p2304 A67-28357
MCCOMBE, B. D.
 Combined resonance and electron g values in InSb. 13 p2178 A67-27083
MCCONKEY, J. W.
 Absolute cross section for electron impact excitation of 3914 angstrom units N sub 2 super plus. 20 p3450 A67-37104
MCCONNELL, B. D.
 Wear-life improvement of a solid film lubricant. [ASLE PREPRINT 67AM 7A-2] 14 p2326 A67-28790
MCCONNELL, H. V.
 Improved reliability circuit analysis techniques. 01 p0043 A67-11377
MCCONNELL, R. K., JR.
 A model for planetary igneous differentiation. 17 p2942 A67-32387
MCCORD, R. S.
 Comments on aircraft fluid fire hazard assessment. 09 p1521 A67-22246
MCCORD, T. B.
 Dynamical evolution of the Neptunian system. 01 p0148 A67-10385
 Observational study of lunar visible emission. 13 p2210 A67-27601
MCCORMAC, B. M.
 Aurora and airglow conclusions. 18 p3039 A67-33625
MCCORMACK, J.
 INTELSAT, COMSAT's point of view. 18 p3162 A67-34354
MCCORMACK, J. J.
 Design objectives for tomorrow's escape systems. 17 p2795 A67-32002
MCCORMACK, J. M.
 Thermodynamic properties of copper-platinum alloys. 05 p0829 A67-16473
MCCORMACK, R. B.
 Airline flight testing. 13 p2052 A67-26424
MCCORMICK, B. W., JR.
 Aerodynamics of V/STOL flight. 14 p2243 A67-28678
MCCORMICK, E.
 Numerical integration of variational equations. 20 p3478 A67-37212
MCCORMICK, G. P.
 A nonlinear programming model for launch vehicle design and costing. 12 p2013 A67-26193
MCCORMICK, J. E.
 Multilayer reliability. 21 p3596 A67-38345
 3-kilowatt recuperated closed Brayton-cycle electrical power system. 24 p4102 A67-42486
MCCORMICK, K. S.
 Measurements of rainfall attenuation at 8 and 15 GHz. 16 p2625 A67-31341
MCCORMICK, P. D.
 Optical radar detection of backscattering from the upper atmosphere. 22 p3759 A67-39558
MCCORMICK, R. L.
 Experimental investigation of pilot dynamics in a pilot-induced oscillation situation. [AIAA PAPER 65-793] 03 p0365 A67-12913
MCCUBREY, A. O.
 The relative merits of atomic frequency standards. 17 p2860 A67-32602
MCCOWN, J. W.
 Testing philosophy for design and structural concept selection of hypersonic flight vehicles. [AIAA PAPER 65-367] 02 p0331 A67-11929
 Comparison of radiative versus ablative heat shield concepts for manned lifting entry vehicles with L/D's of 1.4 and 2.7. [AIAA PAPER 66-990] 02 p0333 A67-12301
 Radiative vs ablative heat shield concepts for manned lifting entry vehicles. [AIAA PAPER 66-990] 15 p2564 A67-29421

MCCOY, B. J.
 Transport properties of polyatomic fluids. IV. 04 p0658 A67-15507
MCCOY, H. E.
 The influence of neutron irradiation on twinning in a niobium-vanadium alloy /40 percent V/. 02 p0256 A67-12709
 Creep-rupture properties under conditions of constant and varying stresses. 03 p0447 A67-13797
 Carburation of niobium-and tantalum-base alloys. 08 p1341 A67-20765
MCCOY, J.
 Inexpensive CO sub 2 molecular gas laser. 01 p0090 A67-10827
MCCOY, R. N.
 Flight control. 22 p3908 A67-40336
MCCRACKEN, D. D.
 FORTRAN with engineering applications. 17 p2818 A67-32331
MCCRACKEN, G. M.
 The trapping of hydrogen ions in molybdenum, titanium, tantalum and zirconium. 17 p2810 A67-33384
MCCRACKEN, K. G.
 Recurrent Forbush decreases associated with M-region magnetic storms. 01 p0145 A67-10919
 Energy spectra of a number of celestial X-ray sources in the energy range from 2 to 60 kiloelectron volts. 03 p0507 A67-13917
 Pioneer VI detector to measure degree of anisotropy of cosmic radiation in energy range 7.5-90 MEV/nucleon. 09 p1500 A67-22427
 A digital system for accurate time sector division of a spin-stabilized vehicle. 11 p1870 A67-24441
 Characteristic effects of the deformed magnetic field of the earth on medium energy cosmic rays. 12 p1998 A67-25819
 Upper limits to the hard X-ray flux from the quiet sun and Jupiter. 13 p2189 A67-26302
 A strong X-ray source in the vicinity of the constellation Crux. 17 p2937 A67-32761
 The cosmic radiation anisotropy as a separable function of time and radiation. 17 p2938 A67-33209
 Pioneer VI observations of the solar flare particle event of 7 July, 1966. 19 p3314 A67-35270
 Cosmic-ray propagation processes. I. 22 p3871 A67-39796
 Cosmic-ray propagation processes. II. 22 p3871 A67-39797
 Cosmic-ray propagation processes. III. 22 p3871 A67-39798
MCCRARY, L. E.
 An apparatus for weight loss determinations in space environments. 15 p2466 A67-29543
MCCRAY, R.
 Possibility of maser action in cosmic radio sources. 04 p0700 A67-15200
MCCREA, W. H.
 A mechanism for radio-galaxies and quasars. 07 p1246 A67-19055
 Quasars - Rapid light fluctuations. 19 p3317 A67-34950
 Why the special theory of relativity is correct. 24 p4187 A67-41880
MCCREATH, K. M.
 Boundary layer influence on the performance of submerged intakes. 20 p3360 A67-37490
MCCROSKEY, W. J.
 The temperature-vorticity analogy in boundary layers. 04 p0727 A67-15680
 Leading edge flow studies of sharp bodies in rarefied hypersonic flow. 14 p2241 A67-28168
 Pressure distributions on sharp cones in rarefied hypersonic flow. 23 p3932 A67-41762
MCCUE, G. A.
 Conditions for optimal one-impulse transfer. 01 p0148 A67-10426
 Optimum thermal design through computer simulation of a space-vehicle structure in earth orbit. [ASME PAPER 66-WA/HT-44] 04 p0724 A67-15430
 Quasilinearization determination of optimum finite-thrust orbital transfers. 10 p1706 A67-23130
 Model for the thermal deformation of a cylindrical stabilization boom in an earth orbital environment. 16 p2764 A67-30957
MCCULLOCH, A. W.
 Preliminary results from Nimbus II. 04 p0613 A67-14801

MCCULLOUGH, B. A.
 Thermal radiative properties of carbon dioxide cryodeposits. 09 p1533 A67-22121
 A vacuum integrating sphere for in situ reflectance measurements at 77 deg K from 0.5 to 10 microns. 12 p1928 A67-26013
 [AIAA PAPER 67-296] 12 p1928 A67-26013
 An intensity and uniformity monitor for solar simulators. 19 p3207 A67-34835
 Hemispherical reflectance of metal surfaces as a function of wavelength and surface roughness. 22 p3920 A67-40420
 The spectral reflectance of water and carbon dioxide cryodeposits from 0.36 to 1.15 microns. 24 p4253 A67-42046
MCCUMBER, D. E.
 Mechanism of the Gunn effect. 06 p1067 A67-18961
 Numerical studies of a two-valley model of the Gunn effect. 06 p1067 A67-18962
MCCUNE, J. E.
 Three-dimensional normal modes of a magnetized Vlasov plasma. 02 p0275 A67-12553
 Exact inversion of dispersion relations. 03 p0486 A67-14056
MCCURDY, G. B.
 Generation of new infrared maser frequencies by isotopic substitution. 05 p0818 A67-16634
MCCURLEY, J. H.
 Launch operations for manned space flight in the 1970's. [AIAA PAPER 66-865] 03 p0397 A67-14130
MCCURRACH, A. A.
 A ground integrity monitor for category III I. L. S. for use with the automatically landing aircraft. 09 p1529 A67-22644
MCCUSKER, C. B. A.
 Cosmic rays. 03 p0508 A67-14388
MCDANIELS, D. L.
 Electrical resistivity and conductivity of tungsten-fiber-reinforced copper composites. 06 p1015 A67-17808
MCDANIEL, J. D.
 Low-energy electron and proton satellite instrumentation for auroral studies. 12 p1944 A67-25851
MCDANIEL, M. L.
 Colloidal ion power converter and thruster for lunar and planetary missions. [AIAA PAPER 66-211] 05 p0874 A67-17216
MCDANIEL, O. D., JR.
 Utilization of the stabilization gyros for monitoring the performance of an avionic inertial navigation system. 17 p2881 A67-32488
MCDANIEL, W. L., JR.
 An introduction to Kalman filtering. 13 p2086 A67-26414
 Fourier analysis of commutated-capacitor-type integrator output signal. 18 p3011 A67-34107
 The x-transform and its use in sampled-data system analysis. 19 p3263 A67-35927
MCDERMONT, C. L.
 Apollo Crawler system simulation. 22 p3782 A67-40466
MCDERMED, O. L.
 Transmission of isotropically incident electrons through spacecraft hull materials. [AIAA PAPER 66-511] 05 p0906 A67-17219
MCDERMOTT, A. M.
 Approach and entry corridors for aerobraking at Mars and Venus. 13 p2212 A67-26837
MCDERMOTT, C. E.
 Dynamic performance of Surveyor throttleable rocket engine operating on propellants containing dissolved gas. [AIAA PAPER 66-949] 02 p0304 A67-12283
 Dynamic performance of Surveyor throttleable engine when propellants contain dissolved helium. [AIAA PAPER 66-949] 13 p2188 A67-26834
MCDEVITT, J. A.
 Problems involved in assessing the explosion hazards of very large solid motors. I, II. [CI PAPER 67-14] 19 p3309 A67-35008
MCDEVITT, N. T.
 Infrared lattice spectra of rare-earth iron garnets. 16 p2733 A67-31880
MCDIARMID, D. R.
 V.H.F. radio aurora - Simultaneous observation of auroral ionization by two separated radars. 22 p3760 A67-39624
MCDIARMID, I. B.
 Rocket observations of electron pitch-angle distributions during auroral substorms. 15 p2473 A67-29187

- Dependence of the position of the outer radiation zone intensity maxima on electron energy and magnetic activity. 22 p3870 A67-39620
- Rocket measurements in proton aurora. 24 p4209 A67-42262
- MCDONALD, A. D.
Infrared evaluation of microweld quality. 20 p3454 A67-38666
- MCDONALD, A. J.
Control of pressure deflagration limits of composite solid propellants. [AIAA PAPER 66-679] 10 p1696 A67-23131
- MCDONALD, C. A.
Space test chamber which exceeds all test requirements /Raumfahrt-Erprobungskammer Uebertrifft alle Prüfungsbedingungen/. 01 p0049 A67-10303
- MCDONALD, F. B.
Low energy galactic cosmic rays. 13 p2193 A67-27248
- MCDONALD, H.
Mixing length and kinematic eddy viscosity in a compressible boundary layer. [AIAA PAPER 67-199] 06 p0987 A67-18324
- MCDONALD, H. L.
The possibility of transfer of electricity in a thermionic convertor by negative ions. 13 p2056 A67-27002
- MCDONALD, J. C.
A comparison of the effects of cold work by rolling and by shock waves on precipitation hardening in Al-6 PCT Cu alloy. 08 p1343 A67-21544
- MCDONALD, J. F.
SST maintenance and ground operations. 03 p0360 A67-13919
- MCDONALD, P. H.
A novel strain and strain-rate sensor. 18 p3141 A67-33888
- MCDONALD, R. D.
Some psychomotor and physiological tests on humans exposed to air ions. 09 p1452 A67-21720
- MCDONALD, W. T.
Space navigation. 19 p3255 A67-35856
- MCDONNELL, J. A. M.
Interpretation of the interplanetary dust measurements in the Ariel II satellite. 12 p2008 A67-25824
- The Ariel II micrometeorite penetration measurements. 21 p3722 A67-38494
- MCDONOUGH, G. F.
Stability problems in the control of Saturn launch vehicles. 14 p2393 A67-28085
- MCDOWELL, A. A.
Some effects of macrofractionated gamma ray irradiation upon the rhesus primate. 10 p1599 A67-23816
- MCDOWELL, K. O.
Increased reliability of a high-strength steel through thermal-mechanical treatments. 11 p1806 A67-24363
- MCDOWELL, M. R. C.
Electron-impact-induced transitions in H atoms. 01 p0124 A67-10780
- A quark albedo/ques/. 13 p2109 A67-26330
- MCDOWELL, W. P.
4 pi gravitational compensator. 11 p1793 A67-24822
- MCDUFF, O. P.
Internal modulation of lasers. 13 p2125 A67-26407
- Nonlinear theory of the internally loss-modulated laser. 13 p2127 A67-27084
- MCEACHRAN, R. P.
Approximate molecular orbitals. I. 03 p0474 A67-14351
- II. 03 p0474 A67-14352
- The singlet S states of the helium isoelectronic sequence. 22 p3841 A67-40202
- MCELHINNEY, D. M.
Designing to combat fatigue. 24 p4250 A67-42441
- MCELIGOT, D. M.
Prediction of wall temperatures for internal laminar heat transfer. 04 p0721 A67-14646
- MCELROY, D. L.
Thermocouple drift tests to 800 deg C at 10 super minus 7 torr on Chromel-P vs Constantan. 18 p3052 A67-34518
- MCELROY, J. L.
High-temperature testing and evaluation of graphite helical-screw expanders and compressors. 15 p2492 A67-29427
- MCELROY, M. B.
Twilight effects of solar ionizing radiation. 05 p0885 A67-17410
- The diurnal variation of ionospheric temperatures. 17 p2850 A67-33192
- Atomic nitrogen ions in the upper atmosphere. 17 p2851 A67-33204
- MCEVILY, A. J., JR.
Fracture of structural materials. 12 p2013 A67-25362
- The role of cross-slip in brittle fracture and fatigue. 16 p2772 A67-31299
- MCEWAN, M. J.
Radical concentrations and decays in lean hydrogen-nitrogen-oxygen flames. 13 p2221 A67-26261
- MCEWEN, D. J.
Some characteristics of the lower hybrid resonance noise bands observed by the Alouette I satellite. 06 p0964 A67-18587
- Ion composition from VLF phenomena observed by Alouette I and II. 10 p1649 A67-23303
- MCFADDEN, B. A.
14CO sub 2 fixation, glutamate labeling, and the Krebs cycle in ribose-grown Hydrogenomonas facilis. 20 p3370 A67-36796
- Regulation of autotrophic and heterotrophic carbon dioxide fixation in Hydrogenomonas facilis. 20 p3370 A67-36797
- MCFADDEN, B. W.
Instrument, force, and motion servos in large aerospace simulators. 03 p0395 A67-13386
- MCFADDEN, E. B.
A protective passenger smoke hood. 23 p3968 A67-41623
- A survival study of a modern commercial jet aircraft /Boeing 727/ landing accident with subsequent interior fire. 23 p3969 A67-41650
- MCFADDEN, M. F.
Materials engineering for electronic hardware. 17 p2865 A67-33047
- MCFADDEN, P. W.
Film free convection in helium II. [ASME PAPER 65-WA/HT-10] 03 p0538 A67-14007
- MCFALL, J. C., JR.
Parachute testing at altitudes between 30 and 90 kilometers. 15 p2419 A67-29433
- MCFARLAND, B. B.
Laser second-harmonic-induced stimulated emission of organic dyes. 12 p1953 A67-25748
- Continuously tunable, narrow-band organic dye lasers. 15 p2500 A67-29817
- MCFARLAND, R. A.
Medical fitness for flying in middle-aged pilots. 22 p3756 A67-40535
- MCFARLAND, R. H.
New developments in instrument landing system. 08 p1351 A67-20696
- MCFEE, J. H.
Optical second-harmonic generation produced by interaction of laser beams and drifting carriers in InAs. 24 p4168 A67-42364
- MCFEELY, J. E.
Panel flutter in hypersonic flow. 10 p1593 A67-23735
- MCGAHAN, L. C.
Instrumentation for an array of infrasonic and hydromagnetic-wave sensors. 13 p2122 A67-27701
- MCGAHEY, B. H.
Packaging concept for an integrated microwave transistor amplifier. 12 p1910 A67-25265
- MCGARVEY, J. F.
Evaluation of error in application of WKB method to linearized post burnout equation of motion of a sounding rocket. 08 p1406 A67-20510
- MCGARVEY, J. J.
The production, deactivation and chemical reactions of O/super 1 D/ atoms. 17 p2809 A67-33203
- MCGEE, H. A., JR.
Low temperature synthesis. 08 p1290 A67-21187
- Mass-spectrometric studies of the synthesis, energetics, and cryogenic stability of the lower boron hydrides. 10 p1603 A67-23385
- Mass spectrometric investigations of the synthesis, stability, and energetics of the low-temperature oxygen fluorides. 20 p3377 A67-37136
- MCGEE, J. D.
Visual display of infrared laser output on thermographic phosphor screens. 09 p1500 A67-22433
- MCGEE, R. S.
A method for obtaining temperature profiles for solid propellant motor exhaust streams. 01 p0071 A67-11101
- MCGEE, R. X.
18 cm OH-line radiation from NGC 6334. 24 p4230 A67-42333
- MCGHEE, J. R.
An expandable gas bag concept for a stowable, omnidirectional, multiple-impact landing system. 10 p1714 A67-23755
- Gas bag concept for a stowable, omnidirectional, multiple-impact landing system. 22 p3904 A67-40097
- MCGHEE, R. B.
Radar signal processing for angular resolution beyond the Rayleigh limit. 23 p3972 A67-40643
- MCGILL, D. J.
Polar axisymmetric free oscillations of thick hollowed tori. 16 p2775 A67-31423
- Out-of-plane displacements and stresses in a torus. 20 p3538 A67-36872
- Circumferential axisymmetric free oscillations of thick hollowed tori. 22 p3908 A67-39289
- MCGILL, R.
Two-point boundary-value-problem techniques. 06 p0974 A67-17923
- MCGILL, T. C.
The tunneling time of an electron. 20 p3505 A67-36178
- MCGINN, J. H.
Molecular beam apparatus for the determination of momentum accommodation coefficients for neutral particle-surface interactions. 14 p2316 A67-28192
- MCGINNIS, G. A.
4 pi gravitational compensator. 11 p1793 A67-24822
- MCGLAMERY, B. L.
Restoration of turbulence-degraded images. 11 p1789 A67-24414
- MCGLAUGHLIN, D. W.
Experiments on the separation of a fluid jet from a curved surface. 14 p2302 A67-28324
- MCGOVERN, W. E.
Primitive atmosphere of the earth. 04 p0701 A67-15545
- MCGOWAN, J.
Simulators for the lunar mission. 20 p3418 A67-37482
- MCGOWAN, J. W.
Angular dependence of resonance structure in atomic hydrogen. 04 p0660 A67-14946
- Differential charge-transfer cross section for collisions of H super plus on O sub 2. 07 p1225 A67-19495
- Surfaces used in high resolution electron spectroscopy. 09 p1500 A67-22428
- Electron transfer to multiply charged ions of Ar, N sub 2, N, and O sub 2. 13 p2167 A67-26989
- Lowest super 1 S and super 3 P scattering resonances in the e-H system. 14 p2351 A67-28152
- MCGOWAN, S.
Ion-ion recombination coefficient. I, II. 08 p1355 A67-20718
- MCGRATH, J. J.
Improved phenothiazine antioxidants for synthetic lubricants. 09 p1520 A67-21705
- MCGRATH, R. E.
Power system design requirements for manned earth orbital commercial application. [AIAA PAPER 67-879] 24 p4187 A67-42998
- MCGRATH, W. D.
The production, deactivation and chemical reactions of O/super 1 D/ atoms. 17 p2809 A67-33203
- MCGRATTAN, G. J.
A suggested test of a theory of atmospheric turbulence. 17 p2853 A67-33254
- MCGRATTAN, R. J.
Vibration analysis of shells using discrete mass techniques. [ASME PAPER 67-VIBR-23] 11 p1872 A67-24182
- MCGRAW, R. A.
Free convection from a vertical flat plate with step discontinuities in surface temperature. [ASME PAPER 66-WA/HT-17] 04 p0739 A67-15930
- MCGREEVY, G.
Some factors which affect current methods of sizing Aitken nuclei. 13 p2152 A67-26865
- MCGREGOR, D. M.
Handling qualities research at the National Aeronautical Establishment, Ottawa, using airborne V/STOL simulators. [AIAA PAPER 65-705] 03 p0394 A67-12915

- MCGREW, J. M.**
Theory of the partially wetted rotating disk. 10 p1659 A67-22708
The use of gases other than air in the acoustical testing of model compressors. [ASME PAPER 67-GT-27] 11 p1742 A67-24806
- MCGRODDY, J. C.**
High field effects in n-type InSb. 06 p1068 A67-18955
- MCGUIRE, D. M.**
A new versatile miniature multi-channel personal telemetry system for medical research. 14 p2259 A67-28688
- MCGUIRE, D. W.**
New approach for on-line, continuous determination of oxygen consumption in human subjects. 18 p2995 A67-34711
- MCGUIRE, T. R.**
Magnetic and optical properties of transparent RbNiF sub 3. 12 p1984 A67-25747
- MCHALE, E. T.**
The deflagration of hydrazine diperchlorate. 14 p2376 A67-28551
- MCHENRY, E. J.**
Developments toward an improved sealed Ni-Cd battery. 09 p1445 A67-22177
- MCHENRY, H. I.**
Electron beam welding of D6AC steel. 01 p0080 A67-10946
Electron beam welding of D6AC steel in the heat-treated condition. 20 p3456 A67-37695
- MCHUGH, P. G.**
A sequential decoding technique and its realization in the Lincoln experimental terminal. 20 p3384 A67-37348
- MCILVENNA, J.**
Transfer function for Taylor distributions. 01 p0023 A67-10481
- MCILWAIN, C. E.**
Comments and speculations concerning the radiation belts. 19 p3315 A67-35485
Adiabatic betatron acceleration by a geomagnetic storm. 20 p3434 A67-37425
- MCILWRAITH, N.**
Electron measurements near a weak aurora. 18 p3034 A67-33595
- MCINNES, B.**
The development of kinetheodolites for satellite tracking. 18 p3048 A67-34238
- MCINNIS, B. C.**
Generalized hypo-elasticity. 12 p2032 A67-26169
- MCINTIRE, W. L.**
Bending strength of spur gear teeth. [AHS PAPER 118] 16 p2684 A67-31834
- MCINTOSH, B. A.**
The determination of meteor mass distribution from radar echo counts. 03 p0516 A67-14348
Radar echo duration as a function of meteoroid mass. 24 p4228 A67-42268
- MCINTOSH, C. B. G.**
C-field cosmological models. 04 p0698 A67-14809
A cosmological model with both radiation and matter. 17 p2947 A67-32759
- MCINTOSH, R.**
Evaluation of several intense light sources used for actinism studies. 12 p1925 A67-25723
- MCINTYRE, J.**
On optimal control with bounded state variables. 21 p3604 A67-38443
- MCINTYRE, J. E.**
Linearized treatment of the optimal transfer of a thrust-limited vehicle between coplanar circular orbits. 02 p0330 A67-12719
Higher order treatment of the optimal transfer of a thrust-limited vehicle between coplanar circular orbits. 09 p1571 A67-21694
- MCINTYRE, R.**
How to measure FET noise. 01 p0039 A67-11196
- MCIRVINE, E. C.**
Influence of boundary scattering on the metallic field effect. 01 p0130 A67-10204
- MCIVER, R. G.**
Treatment of altitude dysbarism with oxygen under high pressure - Report of three cases. 05 p0756 A67-18291
Comparison of helium and nitrogen in production of bends in simulated orbital flights. 13 p2062 A67-26916
Cabin pressurization characteristics of USAF and commercial transport aircraft. 21 p3577 A67-38081
Treatment of decompression sickness in simulated space flight. 23 p3960 A67-41702
- MCIVOR, I. K.**
The elastic cylindrical shell under radial impulse. 05 p0909 A67-16139
- Axisymmetric response of a closed spherical shell to a nearly uniform radial impulse. 08 p1416 A67-20490
- MCIVOR, J. W.**
System aspects of future airborne computers. 19 p3188 A67-35311
- MCKAY, D. B.**
Two statistical evaluation criteria for predicting performance of microelectronic circuits. 10 p1610 A67-22978
- MCKAY, G. A.**
Spread spectrum for amplitude modulated communications. 13 p2066 A67-26405
An extended phase detector for phase-locked receivers. 13 p2075 A67-26408
- MCKEE, H. B.**
Electrostatic probes for diagnostics in a collision-dominated weakly ionized plasma. 09 p1539 A67-21782
- MCKEE, J.**
Carbon and nitrogen transfer in a type-316 stainless-steel, Cb-1 percent Zr, liquid-potassium system. 07 p1223 A67-19465
- MCKEE, J. W.**
Flight control system for the Boeing 2707 supersonic transport airplane. 17 p2793 A67-31968
- MCKEE, K. E.**
Optimizing gain of parabolic antennas. 10 p1613 A67-23413
- MCKEE, W. E.**
Vacuum thermionic work functions and thermal stability of TaB sub 2, ZrC, Mo sub 2, C, MoSi sub 2, TaSi sub 2, and WSi sub 2. 15 p2535 A67-29486
- MCKEE, W. S.**
Commercial satellite communications experience. 18 p3136 A67-33545
- MCKEETHEN, R.**
Digital to analog pulser system for testing pulse height analyzers. [JPL-TR-32-1049] 18 p3049 A67-34485
- MCKEIRNAN, W. R.**
Basic EL designs for space and military applications. 11 p1768 A67-24628
- MCKELLAR, L. A.**
Apparatus for spectral bidirectional reflectance measurements during ultraviolet irradiation in vacuum. [AIAA PAPER 65-872] 03 p0419 A67-13040
- MCKELVEY, J. P.**
Ambipolar carrier transport and surface recombination velocity in semiconductor surface layers. 18 p3104 A67-34593
- MCKELVEY, J. W.**
How air pollution control instrumentation developed for the aerospace industry could benefit the urban society. 01 p0050 A67-11037
- MCKENNA, J.**
Electromagnetic modes of anisotropic dielectric waveguides at p-n junctions. 23 p3982 A67-41466
The excitation of planar dielectric waveguides at p-n junctions. 24 p4121 A67-42337
- MCKENNA, W. W.**
Interaction between detonation waves and flowfields. 12 p1929 A67-25898
- MCKENZIE, D.**
The upper limit solar gamma-ray spectrum to 10 Mev. 04 p0693 A67-14974
- MCKENZIE, J. F.**
Electromagnetic waves in uniformly moving media. 18 p3001 A67-34198
Dipole radiation in moving media. 18 p3002 A67-34199
- MCKENZIE, J. M.**
Stress responses of pilots to severe weather flying. 17 p2805 A67-31955
- MCKENZIE, M. W.**
Verification of particulate cleanliness levels in fluid systems. 23 p3935 A67-40846
- MCKENZIE, R. E.**
Hangover effect of secobarbital on simulated pilotage performance. 03 p0366 A67-14291
- MCKENZIE, R. L.**
Experimental and theoretical investigations of the chemical kinetics and nonequilibrium CN radiation behind shock waves in CO sub 2 - N sub 2 mixtures. [AIAA PAPER 67-322] 12 p1830 A67-26037
- MCKENZIE, R. L. A.**
Aircraft A.C. electrical systems using changeover contactors and rapid fault clearance. 20 p3382 A67-36316
- MCKEON, E. F.**
Small-signal RF amplification of MOS devices. 02 p0218 A67-12101
- MCKEOWN, D.**
Probe for measuring energy transfer between a satellite and the upper atmosphere. 16 p2670 A67-30646
- MCKIBBIN, D. D.**
Preliminary observations of a geomagnetospheric wake at 1000 earth radii. 22 p3791 A67-39819
- MCKILLIP, J. A.**
Flutter characteristics of the slab tail. [SAE PAPER 670280] 12 p1895 A67-25509
- MCKINLEY, J. D.**
The adsorption kinetics of nitrogen on rhenium. 02 p0257 A67-12728
- MCKINLEY, J. L.**
Maintenance and Repair of Aerospace Vehicles / 3rd Edition/. 22 p3811 A67-39441
- MCKINNON, C. A.**
Required safety standards for selection of commuter airlines and contracted flying. 14 p2245 A67-28318
- MCKINNON, P. J.**
Rocket observations of electron temperature in the E region. 19 p3216 A67-35193
- MCKINNON, R. A.**
A Rankine cycle boiler and condenser-radiator orbital experiment. 24 p4102 A67-42491
- MCKNIGHT, R. H.**
A laser-triggered 50 pps high-voltage switch with nanosecond jitter. 22 p3813 A67-39258
- MCKOWN, D.**
Silicon abundances in meteoritic chondrules. 24 p4236 A67-42644
- MCKOWN, R. D.**
Prediction of strength of graphite material by nondestructive test techniques. [ASTM PAPER 54] 18 p3070 A67-34584
- MCLAFFERTY, F. W.**
Substituent effects in unimolecular ion decompositions. III - Elucidation of competing alternative pathways for the formation of a particular ion. 01 p0018 A67-10105
Mass spectrometric studies of peptides. III. 04 p0566 A67-15613
Substituent effects in unimolecular ion decompositions. IV. 06 p0954 A67-17568
- MCLAFFERTY, G. H.**
Absorption of thermal radiation in the transparent wall of a nuclear light bulb rocket engine. [AIAA PAPER 66-619] 15 p2516 A67-29426
Survey of advanced concepts in nuclear propulsion. [AIAA PAPER 67-783] 24 p4187 A67-42948
- MCLAMB, F. D.**
Acquisition of S-band telemetry data during spacecraft launch phases. 20 p3380 A67-36561
- MCLANE, C. K.**
Correlation of density fluctuations and diffusion in a plasma. 01 p0124 A67-10911
Correlation of density fluctuations and diffusion in a plasma. 11 p1829 A67-24003
- MCLANE, J. C., JR.**
Lunar Receiving Laboratory. 07 p1164 A67-20021
Collecting and processing samples of the moon. 19 p3328 A67-35929
- MCLAREN, A. D.**
Determination of soil phosphatase activity by a fluorimetric technique. 14 p2254 A67-28067
Some factors influencing the determination of phosphatase activity in native soils and in soils sterilized by irradiation. 18 p2991 A67-33660
- MCLAREN, E. H.**
Radiation effects in precision resistance thermometry. I. 03 p0426 A67-14344
- MCLAREN, T. I.**
Test time and particle paths in low-pressure shock tubes. 08 p1321 A67-21119
Initial ionization processes in shock heated argon. 19 p3293 A67-35397
- MCLAUGHLAN, S. D.**
Paramagnetic resonance of Pr super 3 super plus and U super 4 super plus. 01 p0129 A67-10146
Orthorhombic and trigonal electron-spin-resonance spectra of Ce super 3 super plus ions in CaF sub 2. 03 p0492 A67-13328
Correlation of electron paramagnetic resonance and optical-absorption spectra of CaF sub 2 - Yb super 3 super plus. 12 p1984 A67-25843
Electron paramagnetic resonance of trivalent-rare-earth - Monovalent-alkaline-earth ion pairs in CaF sub 2. 21 p3676 A67-37815

- MCLAUGHLIN, C. W.**
Influence of storable propellant liquid rocket design parameters on combustion instability.
[AIAA PAPER 67-474] 18 p3113 A67-33944
- MCLAUGHLIN, D. W.**
Influence of fatigue cracks and fatigue cycles on the brittle fracture behavior of annealed 4140 steel.
[ASME PAPER 66-WA/MET-17] 04 p0639 A67-15332
- MCLAUGHLIN, I. L.**
Kinetic theory of dense-fluid mixtures. IV.
23 p4083 A67-41531
- MCLAUGHLIN, J. F.**
Synthesis of an evolutionary lunar exploration plan.
[AIAA PAPER 67-865] 24 p4238 A67-42988
- MCLAUGHLIN, R. G.**
Modeling of PPM-frequency time hopping over a Tropo path.
02 p0202 A67-12131
Modeling of delta modulation with FSK over a Tropo path.
02 p0203 A67-12132
- MCLAY, R. W.**
Completeness and convergence properties of finite element displacement functions - A general treatment.
[AIAA PAPER 67-143] 06 p1103 A67-18440
- MCLEAN, D.**
Work hardening and recovery in creep.
04 p0640 A67-15623
The plastic behaviour of beryllium and some other metals.
13 p2135 A67-27102
The physics of high temperature creep in metals.
19 p3248 A67-35854
- MCLEAN, D. A.**
Tantalum integrated circuits.
05 p0770 A67-16239
- MCLEAN, E. A.**
Plasma state in a coaxial accelerator.
21 p3661 A67-37752
- MCLEAN, F. B.**
Ultrasonic attenuation in dirty superconductors.
16 p2729 A67-31059
- MCLEAN, R.**
Primary and secondary carotenoids of *Spongiochloris typica*.
14 p2254 A67-28065
- MCLEAN, T. P.**
Photon-counting distributions of modulated laser beams.
07 p1197 A67-20125
- MCLEAN, W. L.**
Type II superconductors.
22 p3859 A67-39770
- MCLEISH, C. W.**
Observations of quasars using interferometer baselines up to 3,074 km.
17 p2947 A67-32760
Diameters of some quasars at a wavelength of 66.9 cm.
24 p4226 A67-41876
- MCLELLAN, D. L.**
Constitutive equations for mechanical properties of structural materials.
08 p1417 A67-20560
- MCLELLAN, R. B.**
A model for concentrated interstitial solid solutions - Its application to solutions of carbon in gamma iron.
13 p2131 A67-26574
- MCLELLAN, W. H.**
How to calibrate pressure transducers at 7 deg K.
01 p0069 A67-11018
- MCLEOD, J. B.**
Relaxation to equilibrium of a dilute electron plasma.
12 p1977 A67-26176
- MCLEOD, J. D.**
Computerized aircraft synthesis.
21 p3568 A67-38534
- MCLEOD, M. G.**
Magnetic noise in the magnetosheath in the frequency range 3-300 Hz.
23 p3995 A67-40804
- MCLINDEN, H. G.**
Far-infrared studies of silicate minerals.
[AIAA PAPER 65-668] 03 p0508 A67-13048
Studies of the middle- and far-infrared spectra of mineral surfaces for application in remote compositional mapping of the moon and planets.
08 p1385 A67-20934
- MCLONE, R. R.**
On the form of noctilucent clouds.
24 p4146 A67-41791
- MCLOUSKI, R. M.**
Diffusion and epitaxial equipment.
19 p3236 A67-35019
- MCMAHAN, L. L.**
Cadmium-sulfide solar cells in a deployable array composed of rigid frames.
23 p3938 A67-41497
- MCMAHAN, W. H.**
Investigation of the scattering of laser light by a plasma.
05 p0820 A67-16665
- MCMAHON, D. H.**
Wideband pulse compression via Brillouin scattering in the Bragg limit.
23 p4012 A67-40869
- MCMAHON, M. T.**
Automated logic design techniques applicable to integrated circuitry technology.
19 p3189 A67-36062
- MCMAHON, R. E.**
Micropower redundant circuits correct errors automatically.
07 p1155 A67-19844
- MCMANUS, J. J.**
Ordnance devices and systems.
04 p0557 A67-15734
- MCMANUS, J. W.**
A 35-GHz latching switch.
08 p1304 A67-21225
- MCMASTER, R. C.**
Current aerospace applications using MRA eddy current test systems.
09 p1502 A67-21869
The X-ray vidicon television image system.
10 p1622 A67-22929
Applications of an X-ray sensitive television system for nondestructive testing.
[SAE PAPER 670362] 12 p1950 A67-25882
- MCMICHAEL, G. E.**
Progress in developing high energy nozzle beams.
14 p2301 A67-28187
- MCMILLAN, J. C.**
Electron-microscopy studies of transformations in a Ti-V alloy.
14 p2338 A67-28423
The analysis of fracture surfaces by electron microscopy.
16 p2772 A67-31300
The application of electron fractography to fatigue studies.
[ASTM PAPER 42] 18 p3068 A67-34580
Fatigue crack propagation under program and random loads.
24 p4171 A67-41954
- MCMILLAN, W. L.**
Temperature and purity dependence of the superconducting critical field H_{c2} . IV.
17 p2925 A67-33378
- MCMINN, S. J.**
Matrices for Structural Analysis. /2nd Edition/.
10 p1719 A67-23476
- MCMORDIE, R. K.**
A numerical solution for laminar-flow heat transfer in circular tubes with axial conduction and developing thermal and velocity fields.
[ASME PAPER 66-WA/HT-7] 04 p0726 A67-15446
- MCMURDO, R. B.**
A system safety mathematical model for commercial jet airplanes.
[AIAA PAPER 67-910] 24 p4096 A67-43017
- MCMURRAN, M.**
Fast-reaction alignment of inertial navigators.
22 p3831 A67-39886
- MCMURRAY, W. J.**
Fast scan high resolution mass spectrometry - Operating parameters and its tandem use with gas chromatography.
03 p0367 A67-13336
Utilization of system employing the selective permeation of helium through a unique membrane of teflon as an interface for gas chromatograph and mass spectrometer.
10 p1602 A67-22946
The analysis of complex organic compounds by fast-electrical-scanning high-resolution mass spectrometry and gas chromatography.
14 p2259 A67-28425
- MCNAB, I. R.**
Density-time profiles for an electric propulsion unit efflux.
04 p0690 A67-15024
Relaxation phenomena in MPD generators.
09 p1443 A67-21811
The CNEN helium-caesium blow-down MPD facility and experiments with a prototype duct.
16 p2653 A67-30549
Further development, operation and experiments with the IRD closed-cycle MPD loop.
16 p2601 A67-30551
Nuclear MPD gas turbine power plant.
16 p2603 A67-30562
- MCNALLY, D.**
Properties of the interstellar medium.
22 p3894 A67-40512
Numerical methods in gravitational collapse problems.
22 p3895 A67-40514
Fragmentation and angular momentum - Are they real problems in theories of star formation.
22 p3895 A67-40517
- MCNALLY, P.**
Ion implantation as a production technique.
10 p1596 A67-23162
- MCNAMARA, A. G.**
V.H.F. radio aurora - Simultaneous observation of auroral ionization by two separated radars.
22 p3760 A67-39624
- MCNAMARA, B.**
Radial oscillations of a plasma cylinder with arbitrary density distribution.
17 p2909 A67-33117
- MCNAMARA, W.**
Flame computer code for the axisymmetric interaction of a blast wave with a shock layer on a blunt body.
15 p2416 A67-29432
- MCNARY, C. A.**
Brayton cycle magnetohydrodynamic power generation.
16 p2603 A67-30567
- MCNARY, R. L.**
The effect of aerodynamic characteristics on the flare and landing of low L/D glide vehicles.
[AIAA PAPER 67-575] 19 p3335 A67-35970
- MCNEIL, M. B.**
Decomposition of helical dislocations.
21 p3677 A67-38092
- MCNEILL, F. A.**
Frequency shifts on whistler mode signals from a stabilized VLF transmitter.
16 p2631 A67-31856
- MCNEILL, P. C.**
An experimental bombardment ion source.
04 p0554 A67-15018
Density-time profiles for an electric propulsion unit efflux.
04 p0690 A67-15024
- MCNEILL, P. R.**
Instabilities in a drifting semiconductor plasma.
03 p0496 A67-13674
- MCNEILL, R. L.**
Design of test pads for transient loadings.
[AIAA PAPER 67-550] 19 p3208 A67-35947
- MCNELLY, T. F.**
Ferroelectric "soft" mode in KTaO_3 sub 3.
10 p1688 A67-22766
Temperature dependence of the Raman spectrum of SrTiO_3 sub 3 and KTaO_3 sub 3.
23 p4013 A67-40965
- MCNESBY, J. R.**
Flash photolysis of methane in the vacuum ultraviolet. II.
12 p1904 A67-26228
- MCNICE, G. T.**
Application of nuclear radiation to the pumping of lasers.
05 p0814 A67-16547
- MCNICHOLS, J. L.**
Theory of anomalous infrared attenuation in neutron-irradiated compound semiconductors.
11 p1850 A67-24910
- MCNIFF, E. J., JR.**
AC superconducting solenoid for kilogauss field modulation.
14 p2288 A67-28747
- MCNULTY, C. F.**
Flight simulation techniques.
[ASME PAPER 66-WA/AV-1] 04 p0599 A67-15394
- MCNUTT, D. P.**
A liquid nitrogen cooled, rocket borne, infrared telescope.
02 p0243 A67-12047
Results of the first infrared astronomical rocket flight.
08 p1397 A67-21185
- MCONIE, M. P.**
Formation of cavities and microjets in liquids and their role in initiation and growth of explosion.
11 p1883 A67-24631
- MCPHAIL, C. D.**
Apollo external visual simulation display systems.
[AIAA PAPER 67-253] 07 p1189 A67-20085
- MCPHERRON, R. L.**
Relation of 5-to 40-second-period geomagnetic micropulsations and electron precipitation to the auroral substorm.
04 p0615 A67-14968
Correlation between occurrence of pearl pulsations and interplanetary magnetic field sector boundaries.
07 p1182 A67-19946
Direct correspondence between X-ray microbursts and impulsive micropulsations.
07 p1246 A67-19949
- MCPHERSON, D. A.**
Density gradient effects on Alfvén wave propagation in a cylindrical plasma.
03 p0485 A67-14045
- MCPHERSON, J.**
The Litton dual L-304 computer system.
08 p1297 A67-20628
- MCPHUN, M. K.**
U.H.F. tunnel-diode amplifier.
11 p1766 A67-24689
- MCPIKE, A. L.**
The prospects for lower noise levels /Die Aussichten fuer niedrigere Laermpegel/.
23 p3933 A67-40725
- MCQUAIN, R. H.**
ATS-I camera experiment successful.
10 p1657 A67-23367

- MCQUARRIE, D. A.**
Intermediate-range intermolecular forces
in H sub 2 super plus. 23 p4029 A67-40971
- MCQUAY, W. S.**
A technique for analyzing maintainability
criteria for in-space
maintenance. 23 p4070 A67-40591
- MCQUEEN, J. C.**
Comparison of integrally formed
compression panel efficiencies with other
aerospace panel concepts. 10 p1729 A67-23789
- MCQUIDDY, D. N.**
The harmonics produced by a pin diode in
a microwave switching
application. 13 p2075 A67-26478
- MCQUILLAN, M. K.**
Nature of research on titanium alloys and
development of these alloys for the
aeronautics industry /Nature des recherches
sur les alliages de titane et leur mls au
point pour l'industrie
aeronautique/. 14 p2338 A67-28627
- MCQUISTON, F. C.**
Effects of vibration on pool boiling.
[ASME PAPER 67-HT-49] 20 p3548 A67-38731
- MCRAE, D. D.**
Radio telemetry. 10 p1605 A67-22997
Appendix D - Interpolation errors
/telemetry/. 10 p1605 A67-23005
- MCRAE, G. L.**
Effect of exercise on oxygen consumption
at decreased pressure. 17 p2806 A67-31963
- MCRARY, J. W.**
Multiple-link reception through wideband,
nonlinear components. 20 p3380 A67-36563
- MCREE, D. I.**
The effect of aspect ratio and offset on
nozzle flow and jet
reattachment. 14 p2303 A67-28334
- MCREYNOLDS, S. R.**
The successive sweep method and dynamic
programming. 24 p4136 A67-42694
- MCRUER, D. T.**
Manual control of single-loop systems.
I. 07 p1162 A67-19907
II. Manual control of single-loop systems.
10 p1618 A67-22733
Pilot describing function measurements in
a multiloop task. 17 p2808 A67-33177
- MCSHERA, J. T., JR.**
A summary of supersonic decelerators
with emphasis on problem areas in
aerodynamics and structures.
[AIAA PAPER 67-201] 06 p0948 A67-18301
- MCSKIMIN, H. J.**
Third-order elastic moduli of gallium
arsenide. 17 p2922 A67-33057
- MCSWEENEY, K. F.**
A systems approach to space support.
[SAE PAPER 660688] 01 p0049 A67-10592
The impact of an on-board checkout
system /OSC/ on a space station program.
[AIAA PAPER 67-953] 24 p4245 A67-43037
- MCVEIGH, J. C.**
Hysteresis in the flow through an
orifice. 04 p0601 A67-14487
- MCVEY, E. S.**
Skin friction balance components for
hostile environments. 22 p3795 A67-39188
- MCVEY, P. J.**
Effects of amplifier imperfections in a
particular RC-active
circuit. 05 p0785 A67-17299
- MCVITTIE, G. C.**
Absolute magnitudes of quasi-stellar radio
sources. 06 p1086 A67-18373
Gravitational motions of collapse or of
expansion in general
relativity. 22 p3892 A67-40495
- MCWHAN, D. B.**
Metallic conductivity and
superconductivity in some silver clathrate
salts. 01 p0135 A67-10917
Crystal structure and superconductivity of
a high-pressure phase of CaS₂ sub
2. 06 p1051 A67-18372
- MCWHIRTER, M.**
Current practices in shock and vibration
sensors. 10 p1858 A67-23081
- MCWHORTER, A. L.**
Bulk GaAs negative conductance
amplifiers. 02 p0221 A67-12512
Current runaway and avalanche effects in
n-CdTe. 21 p3877 A67-38006
Polarization and intensity of Raman
scattering from plasmons and phonons in
gallium arsenide. 23 p4038 A67-40795
- MEACHAM, H. C.**
The design and evaluation of a
supercritical-speed helicopter power-
transmission shaft.
- [ASME PAPER 67-VIBR-20] 11 p1796 A67-24179
- MEAD, C. A.**
Electron transport in thin insulating
films. 02 p0294 A67-11760
Metal-semiconductor
surface
barriers. 03 p0494 A67-13475
The tunneling time of an
electron. 20 p3505 A67-36178
- MEAD, G. D.**
Low-energy charged particle environment
of the earth. 03 p0506 A67-13050
Explorer 12 measurements of the
distortion of the geomagnetic field by the
solar wind. 15 p2475 A67-29612
- MEADE, R. H.**
Chemical vapor deposition of epitaxial YIG
on YAG and epitaxial GdIG on
YAG. 15 p2539 A67-29624
- MEADER, W. L.**
Decompression sickness in high-altitude
flight.
[SAM-TR-66-305] 10 p1600 A67-23826
- MEADOR, W. E.**
Thermal conductivities of plasmas in
general force fields. 11 p1827 A67-23884
- MEADORS, J. G.**
Coherence effects in multiphoton
absorption processes. 05 p0823 A67-16681
- MEADOWS, A. J.**
Fireballs associated with the Barwell
meteorite. 05 p0898 A67-16928
Chemical composition of
Indochinites. 11 p1866 A67-24695
- MEADOWS, D. M.**
Applications of computer graphics in the
aerospace industry. 01 p0029 A67-10871
- MEADOWS, M. E.**
Propulsion requirements for low gravity
liquid settling. 22 p3869 A67-40171
- MEADOWS, R. C.**
VHF/UHF R/T communications in the
national air traffic
control
services. 09 p1465 A67-22633
- MEADOWS, R. W.**
The Chilbolton 25m steerable
aerial. 20 p3400 A67-37203
- MEAGLEY, N. G.**
The system effectiveness concept at
continental aviation and
engineering. 15 p2584 A67-30402
- MEAKIN, J. D.**
The microstrain behavior of beryllium
single crystals. 01 p0092 A67-10058
- MEALEY, D.**
Electromagnetic compatibility operational
problems aboard the Apollo spacecraft
tracking ship. 20 p3387 A67-37641
- MEANY, R. K.**
Two algorithms related to the method of
steepest descent. 13 p2147 A67-27173
- MEARA, L.**
Interfering VLF radio signals observed on
GBR-16.0 kc/s transmissions during
November and December
1965. 08 p1295 A67-20988
- MEASE, N. E.**
Measurements in a turbulent boundary
layer maintained in a nearly separating
condition. 11 p1776 A67-24045
- MEATH, W. J.**
Relativistic interaction energies between
atoms in degenerate
states. 05 p0848 A67-16839
Evaluation of long-range retarded
interaction energies. 22 p3757 A67-39636
The nature of intermolecular forces.
[WIS-TCI-249] 24 p4191 A67-42666
- MECK, H. R.**
Analysis of a semi-infinite strip with
constant stress flanges under concentrated
loads. 04 p0719 A67-15933
- MECKEL, B. B.**
High specific impulse thrust by sputter-
ejection of neutral atoms. 02 p0306 A67-12716
- MECKLENBURG, K. R.**
Wear-life improvement of a solid film
lubricant.
[ASLE PREPRINT 67AM 7A-2] 14 p2326 A67-28790
- MECKLER, L.**
An investigation of flow separation and
aerodynamic controls at hypersonic speeds.
[AIAA PAPER 65-753] 03 p0350 A67-12911
- MECKSTROTH, E. A.**
Quick change, high vacuum window and
heat transfer gauge installation for shock
tubes. 10 p1658 A67-23789
- MEDANIC, J.**
Development and use of sensitivity
models. 08 p1309 A67-20325
- MEDD, W. J.**
Total atmospheric attenuation at 3.2
Gigahertz. 02 p0237 A67-11855
- MEDDAUGH, S. A.**
A 200-nanosecond thin film main memory
system. 19 p3189 A67-36063
- MEDDINGS, B.**
Dispersion-strengthened nickel by
compaction and rolling of powder produced
by pressure
hydrometallurgy. 01 p0097 A67-10697
- MEDERSKI, R. M.**
An environmental investigation of the LM
Ascent Engine start characteristics.
[AIAA PAPER 67-522] 18 p3115 A67-33985
- MEDFORD, J. E.**
Thermal performance of an advanced
radiation cooled heat shield system.
[AIAA PAPER 67-153] 06 p1115 A67-18320
- MEDFORD, J. F.**
The challenge of meeting manned mission
reliability and maintainability requirements
in future systems. 18 p2995 A67-34686
- MEDICK, M. A.**
On dispersion of longitudinal waves in
rectangular bars.
[ASME PAPER 67-APM-17] 17 p2964 A67-33148
- MEDIN, A. L.**
Computer managed laboratory for space
applications.
[AIAA PAPER 67-957] 24 p4140 A67-43040
- MEDIN, S. A.**
Plasma flow in a series-type MHD
generator duct /O techeni plazmy v kanale
seriesnogo MGD
generators/. 09 p1443 A67-21805
Solution of a variational problem for the
flow in an MHD generator /Reshenie
variatsionnoi zadachi o techeni v MGD-
generatore/. 10 p1684 A67-23023
- MEDITCH, J. S.**
Orthogonal projection and discrete optimal
linear smoothing. 11 p1770 A67-24422
Optimal fixed-point continuous linear
smoothing. 16 p2848 A67-31652
- MEDLIN, J. E.**
The prevention of transmission buffer
overflow in telemetry data
compressors. 21 p3586 A67-38956
- MEDNIKOV, A. K.**
Method for measuring the width of the
sensitive region in p-n detectors during a
lithium drift process /Metod izmereniia
shiriny chuvstvitel'noi oblasti p-n-
detektorov v protsesse dreifa
litia/. 05 p0872 A67-17500
- MEDNIKOV, E. P.**
Microstructure of acoustic turbulence /O
mikrostrukture austicheskoi
turbulentnosti/. 05 p0846 A67-16707
Microstructure of acoustic
turbulence. 11 p1820 A67-24929
- MEDVOVIKOV, A. I.**
Some problems in the refined bending
theory of plates /Nekotorye voprosy
utochnennoi teorii izgiba
plt/. 16 p2765 A67-31050
- MEDVED, T. M.**
Oxidation characteristics of MoS sub 2 and
other solid lubricants.
[ASLE PAPER 67-LC-14] 24 p4165 A67-42748
- MEDVEDEFF, M.**
Radiotelemetric recordings of the
electroencephalograms of civil aviation pilots
during flight. 01 p0017 A67-10962
Influence of air travel East-West and vice-
versa on circadian rhythms of urinary
elimination of potassium and 17-
hydroxycorticosteroids. 22 p3751 A67-39606
- MEDVEDEV, E. S.**
On correlative functions and the pressure
of non-isothermal plasma /Sur les fonctions
correlatives et sur la pression de la plasma
non-isothermique/. 14 p2360 A67-28604
Correlation functions and pressure of a
nonisothermal plasma /Korrellatsionnye
funktsii i davlenie neizotermicheskoi
plazmy/. 20 p3502 A67-37603
- MEDVEDEV, G. S.**
Optimal filtration of nonlinear functionals
of Gaussian processes /Ob optimal'noi
fil'tratsii nelineynykh funktsionalov ot
gaussovskikh protsessov/. 05 p0782 A67-16317
On optimal filtering of nonlinear functions
from Gaussian processes. 18 p3016 A67-33868
Nonlinear instantaneous estimation of
trajectory parameters from measured results
/Nelineinala tekushchala otsenka parametrov
traektorii po dannym
izmerenii/. 21 p3705 A67-38587

- MEDVEDEV, K. I.**
Physical properties of the flow near the separation region in the three-dimensional interaction between the boundary layer and the shock wave /Fizicheskie osobennosti techeniya v oblasti otryva pri trekhmernom vzaimodeystvii pogranichnogo sloia s udarnoi volnoi/. 10 p1590 A67-23026
- MEDVEDEV, M. IU.**
Cosmic-ray trajectories in a geomagnetic field, represented with a high degree of accuracy. 07 p1243 A67-19685
- MEDVEDEV, M. N.**
Nuclear emission detectors using electron-optical light amplifiers /Detektory ladernogo izlucheniia na osnove elektronnoopticheskikh usilitelii sveta/. 01 p0069 A67-11006
Nuclear radiation detectors based on image intensifiers. 16 p2670 A67-30494
- MEDVEDEV, V. N.**
The isocline method for analyzing transients in a nonautonomous oscillator. 04 p0586 A67-15676
- MEE, J. E.**
Chemical vapor deposition of epitaxial YIG on YAG and epitaxial GdIG on YAG. 15 p2539 A67-29824
Chemical vapor deposition of epitaxial garnet films. 22 p3860 A67-39896
- MEECHAM, W.**
Statistical initial-value problem for Burgers' model equation of turbulence. 05 p0794 A67-17419
- MEEKINS, J. F.**
Solar X-ray spectrum from 1.9 to 25 angstrom units. 17 p2937 A67-32650
- MEEKS, M. L.**
The positions and angular extent of OH emission associated with the H II regions W3, W24, W49, and NGC 6334. 12 p2009 A67-25972
Observations of OH emission in the H II region W3 with a 74400 lambda interferometer. 14 p2389 A67-28845
- MEENAN, D. C.**
Airport economics - Its application to the new airports for the '70's. [SAE PAPER 670356] 17 p2974 A67-32995
- MEER, S. A.**
A generalized analysis for the acquisition time and pull-in range of phase-locked loops. 15 p2446 A67-29590
- MEEROV, M. V.**
Methods of synthesis of structures equivalent to self-adjusting systems for plants with variable parameters. 07 p1160 A67-19201
- MEEROVICH, I. G.**
Temperature field in multilayer systems with variable thermophysical properties /Temperaturnoe pole v mnogosloynnykh sistemakh s peremennymi teplofizicheskimi svoistvami/. 14 p2408 A67-28804
- MEEROVICH, L. A.**
Magnetic current-pulse generators. 10 p1613 A67-23449
- MEERSON, G. A.**
Oxidation resistance of WC-NbC-Co alloys in air /Stoikost' protiv okisleniia na vozdukhie splavov WC-NbC-Co/. 22 p3820 A67-39565
- MEERT, A.**
Acceleration and retardation of plasma by magnetic waves /Beschleunigung und Verzoegerung von Plasma durch magnetische Wellen/. 04 p0688 A67-14564
- MEERWALD, E.**
Experimental local heat-transfer and average friction coefficients for subsonic turbulent flow of air in an annulus at high temperatures. 06 p1117 A67-18386
- MEESSEN, A.**
Film thickness dependence of the photoelectric effect of surface and volume /Dependance de l'epaisseur de couches de l'effet photoelectrique de surface et de volume/. 02 p0289 A67-11729
- MEETING, J.**
Mission Control Center - Houston /MCC-H/ voice communication system. 02 p0229 A67-12120
- MEEUS, J.**
The minor planet 1685 - Toro /La petite planete 1685 Toro/. 04 p0702 A67-15607
Some rare transits. 17 p2948 A67-33095
- MEFFROY, J.**
Von Zepel's method in general planetary theory /Sur la methode de von Zepel en theorie planetaire generale/. 22 p3881 A67-39514
- MEGILL, L. R.**
Study of inelastic collisions by drifting ions. 04 p0661 A67-15509
A two-ion D-region model for polar cap absorption events. 20 p3426 A67-36302
- MEGLINSKII, V. V.**
Stressed state of a thin anisotropic elliptical plate with two elliptical holes /O napriazhennom sostoiianii tonkoi anizotropnoi ellipticheskoi plity s dvumia ellipticheskimi otverstsiiami/. 22 p3910 A67-39452
- MEGRELISHVILI, R. P.**
Generalized formulation of code separation /Ob obobshchennoi formulirovke kodovogo rasstoiianiia/. 17 p2830 A67-32827
- MEGRUE, G. H.**
Isotopic analysis of rare gases with a laser microprobe. 22 p3816 A67-40241
- MEGUERIAN, G. H.**
Hydrocarbon ignition in the presence of metal oxides. 14 p2407 A67-28550
- MEHAL, E. W.**
Gallium arsenide epitaxial technology. 10 p1692 A67-23511
- MEHAN, R. L.**
A review of the methods of measuring the strength of whiskers and their role in reinforcing ductile metal matrices. 01 p0163 A67-11152
Strength and structure of very fine sapphire whiskers. 03 p0449 A67-13307
Room and elevated temperature strength of alpha-Al sub 2 O sub 3 whiskers and their structural characteristics. 16 p2694 A67-31522
Fabrication and evaluation of sapphire whisker reinforced aluminum composites. [ASTM PAPER 2] 18 p3070 A67-34568
- MEHLER, W. R.**
The posterior thalamic region in man. 06 p0953 A67-18775
Further notes on the center median nucleus of Luys. 08 p1288 A67-21356
- MEHNDIRATTA, S. L.**
Symmetry and self-duality in nonlinear programming. 20 p3475 A67-36482
- MEHRA, V.**
Low cycle fatigue properties of advanced engine materials. [SAE PAPER 670336] 17 p2874 A67-32986
- MEHTA, C. L.**
Dynamics of coherent states. 17 p2870 A67-33316
- MEHTA, M. K.**
Scattering of alpha particles by oxygen. I. 21 p3659 A67-38517
Scattering of alpha particles by oxygen. II. 21 p3659 A67-38518
- MEHUS, T. E.**
A segmented wing test technique for obtaining spanwise load distributions. [AIAA PAPER 66-768] 17 p2834 A67-32576
- MEI, C. C.**
Radiation and scattering of transient gravity waves by vertical plates. 06 p0985 A67-18188
- MEI, J. Y.**
A simplified 180 deg focusing beta ray spectrometer. 05 p0806 A67-16500
- MEI, K. K.**
A broadside log-periodic antenna. 01 p0036 A67-10472
- MEIER ZU KOECKER, H.**
Compatibility of metallic materials with medium-energy hypergolic rocket propellants /Vertraeglichkeit metallischer Werkstoffe mit mittlereenergetischen, hypergolen Raketentreibstoffen/. 01 p0139 A67-10211
- MEIER, H.**
New contributions in geochronology and geochemistry /Neuere Beitrage zur Geochronologie und Geochemie/. 12 p1903 A67-25428
- MEIER, L.**
The astrospectrometer - Apparatus for recording of stellar spectra /L'astrospectrometre - Appareil pour l'enregistrement de spectres d'etelles/. 07 p1188 A67-19425
Optimal control of measurement subsystems. 16 p2650 A67-31876
- MEIER, R. R.**
Distribution of sodium in the daytime upper atmosphere as measured by a rocket experiment. 15 p2475 A67-29616
- MEIER, R. W.**
Optical properties of holographic images. 18 p3046 A67-33879
- MEIKLEJOHN, W. H.**
Multicrossover cryotron - A high gain single stage amplifier. 16 p2640 A67-31431
- MEILY, H. E.**
Seeling solid. 24 p4157 A67-42434
- MEIN, P.**
Deformation of the profile of lines linked to sound waves in the solar case /Deformation du profil des raies liees aux ondes sonores dans le cas solaire/. 05 p0900 A67-17076
- MEINHOLD, G.**
Pressure broadening of titanium lines by means of neutral argon atoms /Druckverbreiterung von Titanlinien durch neutrale Argonatome/. 16 p2703 A67-30665
- MEINKE, H.**
Waveguide irises with a more general longitudinal section /Hohlleiterblenden allgemeineren Laengsschnitts/. 10 p1607 A67-23571
- MEINKE, H. H.**
Two-dimensional electromagnetic wavefields presented by help of a motion film. 14 p2268 A67-28447
- MEINSCHNEIN, W. G.**
Meteorites - Optical activity in organic matter. 03 p0510 A67-13592
- MEIR, A.**
Simultaneous approximation of a function and its derivatives. 08 p1347 A67-20368
- MEIROVITCH, L.**
On the high-spin motion of a satellite containing elastic parts. 02 p0330 A67-11927
On the effect of aerodynamic and gravitational torques on the attitude stability of satellites. 04 p0704 A67-14827
On the dynamic characteristics of a variable-mass slender elastic body under high accelerations. [AIAA PAPER 67-41] 06 p1095 A67-18263
Attitude instability regions of a spinning symmetric satellite in an elliptic orbit. [AIAA PAPER 67-124] 06 p1095 A67-18312
Stability of a nonsymmetrical satellite with elastically connected moving parts. 16 p2762 A67-30962
Analytical Methods in Vibrations. 16 p2765 A67-30999
On the dynamic characteristics of a variable-mass slender elastic body under high accelerations. [AIAA PAPER 67-41] 17 p2956 A67-33013
Attitude instability regions of a spinning symmetric satellite in an elliptic orbit. 19 p3333 A67-35747
Attitude instability regions of a spinning unsymmetrical satellite in a circular orbit. 22 p3899 A67-39311
- MEIRY, J. L.**
Adaptive functions of man in vehicle control systems. 07 p1221 A67-19194
Human perception of linear motion - A mathematical model of the otoliths. 16 p2610 A67-30753
- MEISEL, R. M.**
Monte Carlo techniques for simulation and design. 01 p0104 A67-10158
- MEISEL, W.**
Mossbauer investigations of Mn and Mg-Mn ferrites /Moessbauer-Untersuchungen an Mn- und Mg-Mn Ferriten/. 04 p0676 A67-14925
- MEISENHOLDER, G. W.**
The Mariner IV Canopus sensor. 16 p2699 A67-30654
- MEISSINGER, H. F.**
A 3 kw solar-electric spacecraft for multiple interplanetary missions. [AIAA PAPER 67-711] 21 p3714 A67-38738
- MEISSNER, F. H.**
Deflection measurement accuracy. 08 p1333 A67-21534
- MEISSNER, H.**
Search for surface superconductivity induced by an electric field. 10 p1688 A67-22765
- MEISTER, D.**
The utilization of human factors information by designers. 15 p2431 A67-29897
- MEISTER, E.**
New results in the mathematical theory of unsteady cascade flow /Neuere Ergebnisse der mathematischen Theorie instationaerer Gitterstroemungen/. 21 p3564 A67-37892
- MEISTER, G. F., JR.**
S-IVB automatic checkout system. 03 p0395 A67-13381
A second look at man, machine, and automatic test operations. 03 p0398 A67-14204
- MEISTER, J.**
Trapping of the solar wind in solids. I. 11 p1825 A67-25079
- MEISTER, R. K.**
Short haul military requirements /1970-

- 1980/ - A qualitative estimate of aircraft criteria. [SAE PAPER 670827] 24 p4093 A67-41992
- MEIXNER, J.**
Consequences of an inequality in nonequilibrium thermodynamics. 04 p0718 A67-15925
- MEIZEROV, E. S.**
Combined effects of space-flight factors on certain functions of the body /Kombinirovannye vozdelstviya faktorov kosmicheskogo poleta na nekotorye funktsii organizma/. 01 p0015 A67-10336
Remote aftereffect of transverse accelerations on conditioned alimentary reflexes of rats /Otdalennoe posledelstvie poperechnykh uskorenii na pishchevye uslovnye refleksy krys/. 23 p3943 A67-40771
Complex effect of accelerations and ionizing radiations on conditioned reflexes of rats /Kompleksnoe deystvie uskorenii i ioniziruyushchikh izlucheni na uslovnye refleksy krys/. 23 p3943 A67-40772
- MEKHONTSEVA, D. M.**
Distribution of elastic deformations in the structure of quasi-isotropic polycrystalline titanium. 01 p0093 A67-10100
- MEKHOTIEV, M. I.**
Thermal capacity of gallium selenide and thallium selenide /Teploemkost' selenida gallia i selenida tallia/. 13 p2174 A67-26387
Specific heat of gallium selenide and thallium selenide. 21 p3680 A67-38323
- MEKHOTIEV, R. F.**
Laser radiation absorption and semiconductor breakdown /Pogloshchenie lazernogo izlucheniya i razrusheniye v poluprovodnikakh/. 15 p2537 A67-29704
Absorption of laser radiation and damage in semiconductors. 24 p4199 A67-41774
- MEKHOTIEVA, S. I.**
Selenium as a polymer semiconductor and its conduction mechanism. 01 p0138 A67-11297
- MELADZE, R. D.**
Possible reasons for the effect of electrode polarity on rail gun acceleration of plasma. 02 p0275 A67-12471
Limitation on plasmoid velocity in railotron devices. 02 p0275 A67-12472
- MELAMED, V. G.**
On nonuniqueness of the stationary solution of the system of equations on the theory of combustion. 11 p1882 A67-24158
- MELAMID, A. E.**
Noise of photomultipliers - Survey /Shumy fotoelektronnykh umnozhitel' /Obzor/. 03 p0388 A67-14260
Noise in photomultipliers. 14 p2288 A67-28772
- MELAN, E. H.**
Stability of palladium oxide resistive glaze films. 09 p1473 A67-22019
Recent developments in thick-film hybrid modules. 16 p2641 A67-31618
- MELCHER, J. R.**
Continuum feedback control of instabilities on an infinite fluid interface. 03 p0483 A67-14036
Continuum feedback control of a Rayleigh-Taylor type instability. 05 p0856 A67-17414
Charge relaxation on a moving liquid interface. 11 p1825 A67-23862
Gradient stabilization of electrohydrodynamically oriented liquids. 17 p2836 A67-32053
Traveling-wave bulk electroconvection induced across a temperature gradient. 18 p3029 A67-34736
- MELCHIOR, H.**
Signal and noise response of high speed germanium avalanche photodiodes. 09 p1475 A67-22200
Low-frequency oscillations in a plasma with negative ions. 11 p1834 A67-23475
- MELCHIOR, P.**
Current deformations of the earth's crust. 18 p3040 A67-34093
- MELDRUM, M. A.**
Miniature electrostatic accelerometer /MESA/. 17 p2858 A67-32484
- MELEHY, M. A.**
Proposed generalized laws for electrical conduction in heterogeneous matter and the theory of low and high injection in p-n junctions. 02 p0299 A67-12105
- MELESHEV, A. M.**
Realization of invariance conditions in a system for controlling a plant of one class /Realizatsiya umov invariantnosti v sistemii keruvannya ob'ektom odnogo
- klasu/. 17 p2882 A67-33097
- MELESHKIN, B. N.**
Determining the microscale of turbulence from light intensity fluctuations. 07 p1220 A67-20003
- MELESHKO, G. I.**
Long-term cultivation of *Chlorella* with direct recovery of the medium /Dlitel'noe kul'tivirovaniye Khlorelli s priamym vozvratom sredy/. 24 p4114 A67-41846
- MELESHKO, L. I.**
Effect of the concentration of silicon on the substructure of aluminum monococrystals /Vliyanie kontsentratsii kremniya na substrukturuyu monokristallov aluminia/. 05 p0827 A67-16075
- MELEZHNIK, V. A.**
Effect of noise on a filter/discriminator/integrator system /O vozdelstviy shuma na sistemuyu fil'tr-diskriminator-integrator/. 14 p2283 A67-28279
- MELICK, D. R.**
High-efficiency pulsed GaAs avalanche diodes. 11 p1787 A67-24722
- MELIK-PASHAEV, N. I.**
Calculation of convective heat transfer under supercritical pressure /Raschet konvektivnogo teploobmena pri sverkhkriticheskoy davlenii/. 07 p1265 A67-19127
Calculation of convective heat transfer at supercritical pressure. 21 p3731 A67-38171
- MELILLO, L.**
Surface recrystallization of polyethylene extended-chain crystals. 04 p0566 A67-15201
- MELIN, C.**
Various methods of functioning of a nonlinear discrete system with a variable sampling period /Divers modes de fonctionnement d'un systeme discret non lineaire a periode d'echantillonnage variable/. 11 p1769 A67-24056
- MELIN, L.**
Solid fuel propulsion /La propulsion a propergols solides/. 20 p3518 A67-36878
- MELIORANSKII, A. S.**
Study of high-energy gamma quanta outside the atmosphere /Izuchenie gamma-kvantov vysokoi energii za predelami atmosfery/. 05 p0877 A67-16088
Device for measuring high-energy gamma quanta present in primary cosmic radiation /Pribor dlia izmereniya gamma-kvantov vysokoi energii v sostave pervichnogo kosmicheskogo izlucheniya/. 09 p1497 A67-21899
Investigation of high-energy gamma rays beyond the atmosphere. 24 p4212 A67-42764
- MELKONIAN, A. P.**
Bending of transversely isotropic plates resting on an elastic base /Ob izgibe transversal'no-izotropnykh plastinok, lezhashchikh na uprugom osnovanii/. 11 p1878 A67-24857
- MELBERG, K.**
Experience from automatic tracking in ATC. 09 p1529 A67-22636
- MELLERIO, J.**
Lasers and the eye. 23 p3962 A67-41051
- MELLO, S. F.**
Studies of the motion of the Galilean satellites of Jupiter /Recherches sur le mouvement des satellites Galileens de Jupiter/. 07 p1250 A67-19724
- MELLOR, G. L.**
End-wall effects in axial compressors. [ASME PAPER 87-FE-16] 14 p2242 A67-28364
Incompressible, turbulent boundary layers with arbitrary pressure gradients and divergent or convergent cross flows. 19 p3211 A67-35738
- MELLOR, P. B.**
Burst strength of rotating discs. 09 p1502 A67-21554
Plastic flow and instability behaviour of thin-walled cylinders subjected to constant-ratio tensile stress. 10 p1719 A67-23485
- MELLEN, S. B.**
Real fluid effects on an accelerated sphere before boundary-layer separation. [ASME PAPER 86-WA/UNT-6] 04 p0601 A67-14483
- MELMED, A. J.**
Epitaxial growth of iron on tungsten field emission points. 19 p3302 A67-34938
- MELMIK, V. I.**
Experimental study of the distribution of meteoric bodies according to energies /Eksperimental'noe issledovanie raspredeleniya meteornykh tel po energiiam/. 13 p2197 A67-28507
- MELNGAILIS, I.**
Photovoltaic effect in Pb sub x Sn sub 1 sub -x Te diodes. 02 p0221 A67-12514
- MELNICHUK, I. U. V.**
Measuring turbulence in precipitation with a Doppler radar station. 07 p1221 A67-20004
- MELNIK, I. U. P.**
Structure of lithium films on a tungsten /110/ face /Struktura plivok litia na grani /110/ vol'framu/. 14 p2372 A67-28760
- MELNIK, P. I.**
Saturation with beryllium by diffusion. 12 p1955 A67-25369
- MELNIK, R. E.**
Vortical singularities in conical flow. [AIAA PAPER 66-491] 10 p1591 A67-23112
- MELNIK, S. G.**
Tracking activity of a human operator under the effect of certain space flight factors /Deiatel'nost' cheloveka-operatora v rezhime slezheniya pri vozdelstviy nekotorykh faktorov kosmicheskogo poleta/. 20 p3368 A67-36265
- MELNIK, V. I.**
Statistical characteristics of meteor radio echoes in the epoch of the Geminids stream in 1963 /Statisticheskie kharakteristiki meteornykh radioekho v epokhu potoka Geminid 1963 g./. 05 p0889 A67-16205
- MELNIKAU, V. P.**
Use of physical phenomena and properties of various bodies in creating new automation elements /Vykarystanne fizichnykh z'iau, efektau i vlastivstsel roznykh tsel pry pabudove elementau autamatyki/. 07 p1159 A67-19185
- MELNIKOV, B. N.**
Noise reduction in areas of Tu-124 aircraft takeoff /Sniizhenie shuma na mestnosty pri vzlete samoleta Tu-124/. 21 p3569 A67-38928
- MELNIKOV, E. A.**
Partial amplification factors in multistage cascade amplifiers. 08 p1305 A67-21278
- MELNIKOV, G. I.**
Angular stabilization of an aircraft vehicle by means of nonlinear control. 10 p1678 A67-23319
- MELNIKOV, M. A.**
Effects of circuit parameters on the electrical explosion of wires. 20 p3483 A67-36401
- MELNIKOV, O. A.**
Astronomical chromatic refraction in connection with the question of guiding large telescopes /Astronomicheskaya khromaticheskaya refraktsiya v svyazi s voprosom o gidirovani bol'shikh teleskopov/. 02 p0325 A67-11983
Differential depressions of Fe I levels and the "red shifts" of spectral lines under pressures of up to one atmosphere. 17 p2886 A67-33162
- MELNIKOV, V. I.**
Dimensional effect in the electrical conductivity of semiconductors during heating of the electron gas /Razmernyi effekt v elektroprovodnosti poluprovodnikov pri razogreve elektronnoy gaza/. 04 p0879 A67-15137
Dimension effect in the magnetic resistance of semiconductors /Razmernyi effekt v magnetosoprotivlenii poluprovodnikov/. 06 p1054 A67-18805
Size effect in the electrical conductivity of semiconductors in the case of electron gas heating. 12 p1979 A67-25160
Size effect in the magnetoresistance of semiconductors. 18 p3102 A67-34424
- MELNIKOV, V. V.**
Automatic signal-frequency measurement with two resonance circuits /Avtomaticheskoe izmerenie chastoty signala s pomoshch'yu dvukh rezonansnykh konturov/. 01 p0022 A67-10413
Investigation of low-energy charged particles by Cosmos 12, Cosmos 15 and Electron 2. 02 p0310 A67-12571
Short-wave and ultrashort-wave power amplifiers using new Soviet transistors /Usilteli moshchnosti KV i UKV diapazonov na novykh otechestvennykh tranzistorakh/. 05 p0773 A67-16457
Measurements of low-energy particle fluxes from the Cosmos and Electron satellites. 12 p1997 A67-25811
- MELNIKOVA, N. S.**
Study of integral curve fields related to equations connected to self-similar gas motions /Issledovanie polei integral'nykh krivykh dlia uravnenii, opisyyvalushchikh

- avtomodel'nye dvizheniia
gaza/. 21 p3565 A67-38556
- MELOON, D. T.**
Use of boron nitride fibers in
composites. 03 p0452 A67-13409
- MELOSH, R.**
Computer analysis of large structural
systems. [AIAA PAPER 67-955] 24 p4127 A67-43038
- MELOSH, R. J.**
Behavior of triangular shell element
stiffness matrices associated with polyhedral
deflection distributions. [AIAA PAPER 67-114] 06 p1103 A67-18356
- MELROSE, D. B.**
Rotational effects on the distribution of
thermal plasma in the magnetosphere of
Jupiter. 17 p2951 A67-33196
- MELSA, J. L.**
A closed-loop, approximately time-optimal
control method for linear
systems. 11 p1771 A67-24897
- Modeling with Liapunov
functions. 16 p2647 A67-31648
- MELSHEIMER, R. S.**
If you need active
filters. 12 p1915 A67-25973
- MELTON, C. E.**
Exposure of men to intermittent photic
stimulation under simulated IFR
conditions. 17 p2807 A67-31966
- MELTON, J. G.**
Inexpensive, high vacuum, high voltage,
electric feedthrough. 22 p3774 A67-40348
- MELTZ, G.**
Admittance of a plasma-covered cylindrical
antenna. 09 p1481 A67-22447
- MELVILLE, G. S., JR.**
Some effects of macrofractionated gamma
ray irradiation upon the rhesus
primate. 10 p1599 A67-23816
- Sulfhydryl protection in rats exposed to
fractionated acute doses of X-and gamma
radiation. 23 p3958 A67-41648
- MELZER, W.**
Calculation of the flow at zero angle of
attack past thick wings of finite aspect ratio
in incompressible potential flow /Zur
Berechnung der Stroemung um nicht
angestellte dicke Tragfluegel endlicher
Streckung in inkompressibler
Potentialstroemung/. 07 p1127 A67-19887
- MELZIG, H.-D.**
Time-dependent pressure distribution in a
parachute canopy during inflation /Der
zeitliche Verlauf der Druckverteilung an
Fallschirmkappen waehrend der
Fuellung/. 06 p0945 A67-17631
- MELZNER, F.**
Design and purpose of the payload in the
third Rubis research rocket /Aufgaben und
Aufbau der Nutzlast der dritten "Rubis".
Forschungsrakete/. 04 p0703 A67-14565
- Instrumentation of a Rubis research
rocket /Die Instrumentierung einer Rubis-
Forschungsrakete/. 07 p1258 A67-19572
- Results of a flight of the Rubis
experimental rocket /Ergebnisse des Fluges
einer Rubis-Forschungsrakete/.
16 p2738 A67-31017
- Artificial strontium and barium clouds in
the upper atmosphere. 17 p2851 A67-33194
- MEMELINK, O. W.**
The influence of the substrate upon the
DC characteristics of silicon MOS
transistors. 12 p1916 A67-28068
- MEN, A. V.**
T-shaped radio telescope with a range
from 10 to 25 mc with electric beam control
/T-obraznyy radioteleskop diapazona 10 - 25
MGts s elektricheskim upravleniem
luchom/. 16 p2640 A67-31496
- MENARD, J.**
Structural cryogenic vessels of rocket
stages. 05 p0874 A67-17015
- MENARD, M. E.**
Practical confirmation of the statistical
performance of a wide-band random
equalizer. 12 p1942 A67-25692
- MENARD, W. A.**
Measurements of the continuum and
atomic line radiation from high temperature
air. [AIAA PAPER 67-95] 06 p1114 A67-18279
- Experimental and theoretical study of
molecular, continuum, and line radiation
from planetary atmospheres. [AIAA PAPER 67-323] 12 p2037 A67-28038
- MENDE, F. F.**
An automatic frequency-control system
using a superconducting resonator /Sistema
avtomaticheskoi podstroiki chastoty s
ispol'zovaniem sverkhprovodiashchego
rezonatora/. 19 p3192 A67-34984
- A discriminator with an I.F. error signal
for automatic frequency control of a reflex
klystron /Diskriminator s signalom oshibki
na promezhutochnoi chastote dlia
avtomaticheskoi podstroiki chastoty
otrazhatel'nogo klystrona/. 19 p3228 A67-34991
- MENDE, N. P.**
Hermetically sealed ballistic facility
/Germetizirovannaiia ballisticheskaiia
ustanovka/. 16 p2655 A67-31115
- Adjustment of the optical equipment of a
ballistic apparatus /Iustirovka opticheskogo
oborudovaniia ballisticheskoi
ustanovki/. 16 p2874 A67-31117
- MENDEL, J. M.**
Realization of a suboptimal controller by
off-line training
techniques. 16 p2648 A67-31653
- MENDEL, J. T.**
High-powered traveling-wave tubes for
space transmitters. [AIAA PAPER 66-308] 06 p0967 A67-17688
- MENDELEV, B. A.**
Features of processes in circuits with
diodes and capacitances /Nekotorye
osobennosti protsessov v tsepiakh s diodami
i emkostiami/. 02 p0209 A67-11509
- MENDELL, R. B.**
Fast neutron latitude variations in the
atmosphere at solar
minimum. 03 p0505 A67-12950
- MENDELSON, J.**
Final value optimal stochastic control
problem with bounded
controller. 17 p2830 A67-33012
- MENDELSON, L. I.**
Brazing molybdenum and zircon sensor
components. 04 p0630 A67-15460
- MENDELSON, R. A.**
Development of porous ionizer materials.
[AIAA PAPER 66-221] 08 p1341 A67-20576
- MENDLOWITZ, H.**
Optical constants of
germanium. 05 p0864 A67-16784
- MENEELY, C. T.**
Laser mirror transmissivity optimization in
high power optical
cavities. 19 p3241 A67-35701
- MENG, C.-I.**
The abnormally early appearance of active
auroras. 14 p2313 A67-28575
- Intense negative bays inside the auroral
zone. I. 20 p3426 A67-36285
- Auroral activity in the evening
sector. 20 p3426 A67-36291
- The abnormally early appearance of the
eastward motion of auroras in the
evening. 20 p3426 A67-36294
- Polar magnetic substorm in the evening
sector. 21 p3816 A67-37898
- Intense negative bays inside the auroral
zone. II. 22 p3789 A67-39477
- The geomagnetic storm of April 17-18,
1965. 23 p3995 A67-40814
- MENGALI, U.**
A general analysis of the performance of
the oscillating limiter with noiseless
signals. 01 p0025 A67-10859
- Analytic determination of the optimum
characteristic of nonlinear systems without
memory /Sulla determinazione analitica della
caratteristica ottima dei sistemi non lineari
privi di memoria/. 20 p3407 A67-36382
- MENGEL, J. T.**
Long range planning for tracking and
communications for manned planetary
mission. [AIAA PAPER 67-976] 24 p4125 A67-43052
- MENIOUX, C.**
The transition phase of the turboramjet
engine /La phase de transition du
turbostato-reacteur/. 12 p1988 A67-25185
- MENNICKEN, R.**
New numerical method for the calculation
of the characteristic exponent of the
generalized Mathieu's differential equation
/1 plus 2 gamma 10s 2x/ y'' /x/ plus
/lambda-2h super 2 10s 2x/ y /x/ equals 0
/Neue numerische Verfahren zur
Berechnung des charakteristischen
Exponenten der verallgemeinerten
Mathieschen Differentialgleichung /1 plus
2 gamma 10s 2x/ y'' /x/ plus /lambda-2h
super 2 10s 2x/ y /x/ equals
0/. 22 p3827 A67-39744
- MENNINGER, R. P.**
Repeated, prolonged, low intensity plus G
sub Z exposures - Anatomical studies in
baboons. 13 p2059 A67-26917
- MENNON, V. K.**
Double bolometer measurements of the
effects of atmospheric
radiators. 01 p0108 A67-10315
- MENON, M. G. K.**
Stratospheric flights over tropical latitudes
with polyethylene balloons of large
volume. 01 p0010 A67-10934
- Studies of cosmic ray neutrino interactions
in the Kolar gold field
experiment. 24 p4210 A67-42582
- MENON, P. G.**
Ultraviolet absorption of ammonia at high
temperatures behind shock
waves. 22 p3756 A67-39442
- MENORET, M.**
Technologically simple tunnel diodes
/Diodes tunnel de technologie
simple/. 20 p3396 A67-36490
- MENSFORTH, E.**
The future of rotorcraft and hovercraft
/Seventh Clerva Memorial
Lecture/. 06 p0949 A67-18744
- MENSING, A.**
Summary of gaseous nuclear rocket fluid
mechanics research. [AIAA PAPER 67-500] 18 p3076 A67-33964
- MENTALL, J. E.**
Spectroscopic temperature measurements
on laser-produced flames. 15 p2433 A67-29879
- Charge transfer of N sub 2 super plus and
O sub 2 super plus with sodium
atoms. 16 p2705 A67-31758
- MENTEL, T. J.**
Joint interface layer damping.
[ASME PAPER 67-VIBR-25] 11 p1872 A67-24183
- MENTSER, A. N.**
Semiconductor CdSe laser with two-photon
optical excitation. 04 p0633 A67-15299
- MENTZONI, M. H.**
Admittance of a slot antenna following
R.F. voltage breakdown. 05 p0775 A67-16947
- Pulsed-R.F. slot-antenna breakdown in
air. 07 p1153 A67-19607
- Pulsed-R.F. slot-antenna breakdown
controlled by preionisation and
diffusion. 11 p1758 A67-24128
- Experimental determination of the mutual
admittance of slot
antennas. 19 p3194 A67-35516
- MENZEL, D. B.**
Reaction of oxidizing lipids with
ribonuclease. 15 p2433 A67-29296
- Lysosomal enzymes in rats exposed to 100
per cent oxygen. 18 p2992 A67-34719
- Effects of a deficiency of vitamins A and
E on rats exposed to 100 percent
oxygen. 23 p3952 A67-41568
- Ultrastructural changes in rat kidney
under 100 percent oxygen - Effects of
vitamin E depletion. 23 p3958 A67-41654
- MENZEL, D. H.**
Sunspots, magnetic fields and the
structure of the solar atmosphere.
[AFRL-66-879] 13 p2204 A67-27435
- The surfaces of the Moon, Mars and
Venus. 18 p3121 A67-34135
- The nature of the surface of the moon,
illustrated in part by 3-D slides taken from
Ranger photographs. 23 p4064 A67-40951
- Magnetic fields and small-scale structure
of the solar atmosphere.
[SR-15] 24 p4222 A67-41767
- MENZIES, I. A.**
The scaling of binary alloys of titanium
containing 5 wt. percent of aluminium,
copper, or cobalt in carbon dioxide at 1000
deg C. [AAS PAPER 66-190] 08 p1341 A67-20763
- MENZIES, J. B.**
Dynamic measurements on an
experimental helicopter platform and on the
Moat Street Flyover,
Coventry. 11 p1880 A67-25056
- MERAY-HORVATH, L.**
A self-scanned solid-state image
sensor. 23 p3996 A67-40868
- MERCER, C. A.**
Prediction of natural frequencies and
normal modes of skin-stringer panel
rows. 20 p3539 A67-37008
- MERCER, D. M. A.**
An introduction to noise, filtering and
correlation. 20 p3483 A67-36459
- MERCER, G. N.**
Direct electron excitation cross sections
pertinent to the argon ion
laser. 02 p0253 A67-12520
- Radial drift velocities in the argon ion

- laser. 11 p1803 A67-24931
- MERCER, W. E.
Laminar forced convection in the entrance region between parallel flat plates. [ASME PAPER 66-WA/HT-16] 04 p0608 A67-15449
- MERCEREAU, J. E.
Quantum phase correlation in small superconductors. 11 p1846 A67-24563
- MERCHANT, D. H.
Dynamic analysis of a lunar-surface vehicle. 07 p1163 A67-19369
- MERCHANT, H. C.
A mechanical shock filter. 11 p1799 A67-24824
- MERCIER, J.
A parallel approach to the non linear elastic thin shell theory. 04 p0715 A67-15585
- MERCOUROFF, W.
Propagation of electromagnetic waves in the conducting solids /Propagation d'ondes electromagnetiques dans les solides conducteurs/. 14 p2366 A67-28473
- MERDINGER, J. C.
Fast resolution curve obtained using a surface-barrier semiconductor as a detector in an alpha-gamma coincidence experiment /Courbe de resolution prompte obtenue a l'aide d'un detecteur a semiconducteur du type barriere de surface dans une experience de coincidences alpha-gamma/. 01 p0086 A67-10657
- MEREDITH, C. M.
Design considerations for Surveyor guidance. [AIAA PAPER 64-644] 02 p0263 A67-11923
- MEREDITH, J. F.
A self adaptive system employing high speed parameter identification. 07 p1128 A67-19199
The identification of three parameters using a linear plant model. 15 p2420 A67-30340
- MEREDITH, P. C.
New high strength magnesium casting alloys for aerospace applications. [SAE PAPER 660656] 01 p0094 A67-10615
- MEREDITH, P. H.
Automatic checkout systems for Titan III and Apollo guidance computer programs. 08 p1297 A67-20632
- MEREL, W.
Linearization of transducer transfer functions by means of digital techniques. 01 p0076 A67-11143
- MERIAKRI, V. V.
H-mode slot filters in circular waveguide. 03 p0386 A67-13960
- MERINSKY, K.
Determination of the concentration of active impurities in p-type InSb by the method of zero thermoelectric potential /Urcenie koncentracii aktivnykh primesi v p-type InSb metodou nuloveho termonapetia/. 19 p3308 A67-35875
- MERISOV, B. A.
Study of the diffusion of hydrogen in tantalum /Izuchenie diffuzii vodoroda v tantale/. 01 p0102 A67-10941
Hydrogen diffusion in tantalum. 22 p3820 A67-39794
- MERKIN, D. R.
Stability of motion of a gyro suspension /Ob ustoychivosti dvizheniya gloriyamy/. 03 p0424 A67-14158
- MERKULENKO, V. E.
Dynamics of the ascent of the magnetic field of a coronal spot and some resonance characteristics of a coronal active region /K dinamike pod'ema magnitnogo polia platna v korone i nekotorye rezonansnye osobennosti koronal'noi aktivnoi oblasti/. 06 p1078 A67-18157
Dynamics of the rise of a sunspot magnetic field into the corona and some resonance properties of coronal active regions. 16 p2737 A67-30501
- MERKULOV, V. I.
Attached flow past low-aspect bodies /O bezotryvnom obtekanii tel malogo udlineniya/. 18 p2981 A67-33420
Effect of the penetration depth of a circularly polarized magnetic field on the stability of a plasma cylinder /Vpliv glubini proniknennia magnitnogo polia krugovoi polarizatsii na stiklist' plazmovogo tsilindra/. 22 p3846 A67-39508
- MERKULOV, V. V.
Assessment of the directivity factor of an antenna array in the presence of phase and amplitude distortions /K otsenke knd sistemy izluchatelei pri nalichii fazovykh i amplitudnykh iskazhenii/. 04 p0583 A67-15164
Plane antennas with randomly spaced radiators. 05 p0775 A67-16963
Estimate of directive gain of a system of radiators in the presence of phase and amplitude distortions. 15 p2443 A67-29351
- MERLET, F.
Interpretation of the Raman spectrum and the second-order IR absorption spectrum of cesium bromide /Sur l'interpretation du spectre de Raman et du spectre d'absorption infrarouge au second ordre du bromure de cesium/. 23 p4026 A67-40689
- MERLIER, J.
Australian radar network /Le reseau radar Australien/. 17 p2834 A67-32749
- MERMAGEN, W. H.
Precursor infrared radiation from hypervelocity ablating bodies. 22 p3917 A67-39712
- MERMOZ, H.
The optical Fourier transform and its possibilities of application /La transformee de Fourier en optique et ses possibilites d'application/. 23 p3972 A67-40708
- MERONEY, R. N.
The effect of mass injection on heat transfer from a partially dissociated gas stream. [ASME PAPER 66-WA/HT-24] 04 p0725 A67-15444
- MERRETT, G.
The use of albrasion in the construction of Gunn diodes. 10 p1616 A67-23536
- MERRIAM, R. L.
Shielding of surfaces in Couette flow against radiation by transpiration of an absorbing-emitting gas. 15 p2578 A67-29129
Heat transfer by combined conduction and radiation between concentric spheres separated by radiating medium. [ASME PAPER 67-HT-20] 20 p3546 A67-38715
- MERRICK, R. B.
Application of a two-body analysis of position or velocity error propagation. 19 p3317 A67-34832
- MERRICK, V. K.
A split-damper inertially coupled passive gravity-gradient attitude control system. 24 p4241 A67-42904
- MERRIFIELD, D. V.
Feasibility study of an orbiting energy depot. 22 p3902 A67-39948
- MERRILL, D. R.
Lunar orbiter command and telemetry data handling system at deep space stations. 02 p0194 A67-11808
- MERRITT, D. L.
A note on experimental and theoretical comparisons of conical shock-shock interactions. 01 p0055 A67-11183
Interaction of a plasma cloud with the earth's magnetosphere. 15 p2478 A67-29625
Technique for studying oblique shock-on-shock interactions in free flight. 21 p3807 A67-37776
- MERRITT, G. E.
Condensation of mercury vapor and drop growth processes in a nitrogen flow. [AIAA PAPER 66-85] 10 p1733 A67-23125
- MERRITT, H. E.
Hydraulic control systems. 12 p1899 A67-25558
- MERRITT, J. A.
Vapor-phase infrared spectrum of trimethylenecyclopropane. 04 p0568 A67-15511
The use of a multipath cell as a CO sub 2 -N gas laser amplifier and oscillator. 21 p3625 A67-37854
- MERRITT, J. R.
Implementing computer methods for circuit analysis. 01 p0031 A67-11335
- MERSOL, S. A.
Microhardness anisotropy, slip, and twinning in Mo sub 2 C single crystals. 03 p0441 A67-13254
- MERSON, I. A. I.
Investigation of the angular distribution of terrestrial thermal radiation to outer space in the August 27, 1958 flight of a geophysical rocket. 14 p2306 A67-27860
- MERSON, R. H.
Some orbit determinations using visual and other observations. 05 p0894 A67-16559
A brief survey of satellite orbit determination. 18 p3126 A67-34243
- MERTS, R.
A finite-difference method of solving degenerate elliptic and parabolic equations /Konechnoraznostnyi metod resheniya vyrozhdalushchikhslia ellipticheskikh i parabolicheskikh uravnenii/. 15 p2511 A67-30008
Finite-difference method of solving degenerate elliptic and parabolic equations /Konechno-raznostnyi metod resheniya vyrozhdalushchikhslia ellipticheskikh i parabolicheskikh uravnenii/. 24 p4178 A67-42269
- MERTZ, L.
Infrared spectrum of Saturn's ring. 03 p0509 A67-13167
Rapid scanning Fourier transform spectrometry. 20 p3438 A67-36342
- MERWIN, J. E.
On the solution of two-dimensional nonlinear problems of elastoplasticity by the finite element and direct stiffness method. [AIAA PAPER 67-144] 06 p1104 A67-18457
- MERZ, E.
The damping of pointer-drift caused by stochastic excitement /Ueber die Tilgung von Zeigerauswanderungen in Messwerken bei stochastischer Erregung/. 13 p2119 A67-26622
- MERZ, E. J.
Landed operations of capsule systems. [AAS PAPER 66-61] 07 p1259 A67-19997
Techniques and guidelines for design of Martian Entry/Landers. 16 p2756 A67-30629
- MERZHANOV, A. G.
Ignition of condensed substances by a stream of hot gas. 06 p1112 A67-17956
Laws of thermal explosion. 06 p1112 A67-17962
On critical conditions for thermal explosion of a hot spot. 07 p1264 A67-19071
Theory of thermal expansion of a chemical reaction front /K teorii teplovogo rasprostraneniya fronta khimicheskoi reaktsii/. 07 p1267 A67-19310
Contribution to the thermal explosion theory of self-accelerating reactions /K teorii teplovogo vzryva samouskorialushchikhslia reaktsii/. 12 p2039 A67-26111
A thermographic method for the investigation of the kinetics of heat evolution. 22 p3917 A67-39586
- MERZHANOVA, R. F.
Motion of artificial satellites in the earth's gravitational field /Dvizhenie iskusstvennykh sputnikov v gravitatsionnom pole zemli/. 23 p4063 A67-40734
- MERZKIRCH, W.
Influence of the Reynolds number on the wake flow behind a wedge at supersonic and hypersonic velocities /Zum Einfluss der Reynoldszahl auf die Heckstroemung hinter einem Kell bei Ueberschall- und Hyperschallgeschwindigkeiten/. 23 p3930 A67-41308
- MERZLIAKOV, V. D.
Electric explosion of a foil /Elektricheskii vzryv fol'gi/. 20 p3502 A67-37604
- MERZLIAKOV, V. P.
Axisymmetric problem in thermoelasticity for a hollow cylinder of finite length /Osesimmetrichnaia zadacha termouprugosti dlia pologo tsilindra konechnoi dliny/. 15 p2574 A67-29775
- MESCALL, J.
Numerical solutions of nonlinear equations for shells of revolution. 01 p0164 A67-11176
- MESCH, F.
Some results of the development of the passive magnetic attitude control system for the German research satellite 625 A-1. 22 p3898 A67-39173
- MESCH, H. G.
OGO solar array design, fabrication and flight performance. 24 p4104 A67-42508
- MESERVE, E. T.
Magnetic cleanliness and quality assurance. 03 p0396 A67-13721
- MESHCHERIAKOV, A. V.
Study of laser losses and associated emission characteristics /Issledovanie poter' i svyazannykh s nimi kharakteristik izlucheniya lazera/. 03 p0435 A67-13133
- MESHCHERIAKOV, V. N.
Delayed fracture of titanium alloys /Zaderzhannoe razrushenie splavov titana/. 07 p1207 A67-19293
Rational regimes for machining and heat treatment of the VT15 titanium alloy and its welds /Ratsional'nye rezhimy mekhaniko-termicheskoi obrabotki titanovogo splava VT15 i ego svarnykh soedinenii/. 07 p1208 A67-19294

- MESHCHERIAKOVA, L. K.**
Study of the vital activity of *Chlorella* under space-flight conditions /Issledovanie zhiznedelatel'nosti Khlorelly v usloviakh kosmicheskogo poleta/. 20 p3367 A67-36256
- MESHKOV, O. F.**
Calculation of the reduction coefficient of the space-charge field of electron beams moving in periodic electrostatic fields /K raschetu koefitsienta redukttsii polia prostranstvennogo zariada elektronnykh puchkov, dvizhushchikhsia v periodicheskikh elektrosticheskikh polakh/. 05 p0764 A67-18908
The reduction factor for the space charge field of electron beams moving in periodic electrostatic fields. 16 p2836 A67-30885
- MESHKOV, S. I.**
Effect of the shape of the hysteresis loop on the steady-state oscillation regime of a system with one degree of freedom /Vlianie formy petli gisterezisa na stationarnykh rezhim kolebanii sistemy s odnoi stepen'yu svobody/. 03 p0530 A67-14176
- MESIATS, G. A.**
New high-power nanosecond switch. 09 p1473 A67-22009
- MESINGER, F.**
A vertical interpolation experiment. 06 p0999 A67-18741
- MESKIN, S. S.**
A comparative study of recombination radiation from GaAs p-n junctions with and without Fabry-Perot resonators. 08 p1337 A67-20413
Effect of hydrostatic pressure and temperature on the characteristics of tunnel p-n junctions in GaAs /Vlianie vvestoronnego davleniia i temperatury na kharakteristiki tunnel'nykh p-n-perekhodov v GaAs/. 09 p1554 A67-21977
A gallium arsenide electron-photon transistor. 11 p1765 A67-24475
Influence of uniform pressure and of temperature on the characteristics of p-n tunnel junctions in GaAs. 17 p2923 A67-33314
- MESNARD, G.**
Frequency stabilization for a reflex klystron using a varactor diode modulator /Stabilisation de frequence pour klystron reflex utilisant un moduleur a diode varactor/. 20 p3396 A67-36327
- MESSAGE, P. J.**
The dominant features of the long-period librations of the Trojan minor planets. 06 p1079 A67-17764
Stability and small oscillations about equilibrium and periodic motions. 06 p1031 A67-17775
Decay of orbits. 06 p1081 A67-17786
On nearly-commensurable periods in the restricted problem of three bodies, with calculations of the long-period variations in the interior 2-1 case. 08 p1381 A67-20391
- MESSENGER, G. C.**
Radiation effects on microcircuits. 04 p0588 A67-15701
A two level model for lifetime reduction processes in neutron irradiated silicon. 17 p2916 A67-32837
- MESSERLE, H. K.**
Electrode current saturation in MHD ducts. 01 p0126 A67-11186
Stability in dense plasma jets. 03 p0477 A67-13462
MHD generator operation as affected by electrode current saturation. 16 p2601 A67-30550
- MESSERLIE, R. L.**
Performance investigation of variable turbine geometry in gas turbine engines. [AIAA PAPER 67-417] 18 p3111 A67-33904
- MESSIAEN, A. M.**
Theory and experiments of the enhanced radiation from a plasma-coated antenna. 07 p1153 A67-19611
Nonlinear resonance effect at high power in a cylindrical plasma. 21 p3666 A67-38354
Damping of temperature resonances in a bounded plasma. 22 p3845 A67-39482
Strongly enhanced radiation displayed by an antenna wrapped in a dielectric sheath and a plasma layer /Rayonnement fortement accru presente par une antenne enrobee d'une gaine dielectrique et d'une couche de plasma/. 24 p4121 A67-42266
- MESSINA, A. F.**
Using a partial diaphragm when applying the supersonic Mach box method. 06 p0944 A67-18875
- MESSINA, B. U.**
The IBM System/360 Model 91 - Storage system. 11 p1755 A67-23952
- MESSINA, J.**
Perfluorinated lubricants for liquid fueled rocket motor systems. [ASLE PREPRINT 67AM 8A-4] 14 p2327 A67-28796
- MESSNER, G.**
Survey of recent developments in printed circuit technology. 16 p2641 A67-31622
- MESTEL, L.**
Theories of stellar magnetism. 21 p3708 A67-38985
On the formation of close binary systems. 22 p3896 A67-40520
- MESTVIRISHVILI, A. N.**
Report on the performance of the Tskhra-Tskaro facility, and preliminary data on the free path of nuclear-active particles with energies from 10 super 11 to 10 super 12 ev in carbon /Soobschenie o rabote ustanovki "Tskhra-Tskaro" i predvaritel'nye dannye o svobodnom probege laderno-aktivnykh chastits s energiei 10 super 11 - 10 super 12 ev v uglrode/. 24 p4219 A67-42845
- MESTWERDT, H. R.**
Comparison of the sensitivity of films and image intensifier/film combinations /Vergleich der Empfindlichkeit von Filmen und Bildverstaerker-Film-Kombinationen/. 22 p3796 A67-39278
- MESZTENYI, C.**
Stable evaluation of polynomials. 14 p2342 A67-28003
- MET, V.**
Working with etalons. 22 p3809 A67-40469
- METCALF, S. C.**
Boundary-layer interaction effects in low-density supersonic flow. 14 p2241 A67-28170
- METCALFE, A. G.**
Ablation of magnesite. [AIAA PAPER 65-641] 03 p0449 A67-13061
Testing of fibers. 11 p1811 A67-24587
Development of filament reinforced titanium alloys. [SAE PAPER 670862] 24 p4172 A67-42004
- METCALFE, R.**
Measurements of the depth of loose and loosely bonded material on the lunar surface based on Ranger VII, VIII and IX photographs. 08 p1401 A67-21361
- METHERELL, A. F.**
Optical reconstruction from sampled holograms made with sound waves. 14 p2320 A67-28602
Image reconstruction from sampled acoustical holograms. 15 p2488 A67-29819
Simulated reference in a coarsely sampled acoustical hologram. 19 p3233 A67-36104
- METIVIER, R. L.**
Considerations on the design of traveling-wave tubes for use on board communications satellites /Considerations sur la conception des tubes a onde progressive pour utilisation a bord de satellites de telecommunications/. 21 p3592 A67-38212
- METRIKIN, V. S.**
Effect of an internal electric field on the simultaneous diffusion of impurities in semiconductors /Vlianie vnutrennego elektricheskogo polia na odnovremennulu diffuziiu primesel v poluprovodnikakh/. 05 p0867 A67-17051
Effect of an internal electric field on simultaneous diffusion of impurities in semiconductors. 15 p2537 A67-29782
- METTAM, P. J.**
Technical innovation in transportation through systems analysis. [AIAA PAPER 67-799] 24 p4258 A67-42960
- METTLER, E.**
Stability and vibration problems of mechanical systems under harmonic excitation. 14 p2397 A67-28087
- METZ, E. D.**
Metallization, dicing, and circuit assembly equipment. 19 p3236 A67-35022
- METZGAR, K. J.**
A test oriented appraisal of shock spectrum synthesis and analysis. 12 p2030 A67-25681
- METZGER, A. E.**
A combined focusing X-ray diffractometer and nondispersive X-ray spectrometer for lunar and planetary analysis. 01 p0067 A67-10689
- METZGER, C. A.**
Fecal waste management unit. [SAE PAPER 670852] 24 p4115 A67-42001
- METZGER, E. H.**
Miniature electrostatic accelerometer /MESA/. 17 p2858 A67-32484
- METZGER, G. E.**
Some mechanical properties of welds in 6061 aluminum alloy sheet. 24 p4161 A67-42330
- METZGER, J. W.**
Oxidation and sublimation of graphite in simulated re-entry environments. [AIAA PAPER 65-643] 08 p1426 A67-20561
- METZGER, P. H.**
Photolionization and absorption coefficients of NO in the 600 to 950 angstrom units region. 06 p1037 A67-18573
- METZINGER, R. W.**
Man-machine simulations for the Apollo navigation, guidance, and control system. [AIAA PAPER 67-242] 07 p1136 A67-20063
- MEUNIER, F.**
Thickness dependence of kappa sub 2 and related problems for superconducting alloy films in strong fields. 14 p2371 A67-28723
Proximity effects between superconductors and ferromagnetic domains. 17 p2912 A67-32271
Upper critical field of a superconductor backed by a normal metal. 24 p4200 A67-41862
- MEUNIER, M.**
Spectroscopic methods of measuring high temperatures /Methodes spectroscopiques de mesure des hautes temperatures/. 12 p1938 A67-25188
- MEUNIER, P. J.**
A read only 70-ns waffle iron memory. 22 p3765 A67-39904
- MEYERS, G. E.**
Measurements of laser-beam scintillation in the atmosphere. 16 p2686 A67-31879
- MEYER-BROETZ, G.**
Characteristics of predictor-corrector formulas for the numerical integration of ordinary differential equations /Ueber Elgenschaften von Prediktor-Korrektor-Formeln fuer die numerische Integration von gewoehnlichen Differentialgleichungen/. 18 p3071 A67-34266
- MEYER, A.**
Territorial extent of the powers of an aircraft commander for maintaining safety and order on board /on-board authority/ /Territorialer Geltungsbereich der Befugnisse des Luftfahrzeugkommandanten zur Aufrechterhaltung der Sicherheit und Ordnung an Bord /Bordgewalt/. 07 p1269 A67-19519
- MEYER, B.**
Artificial strontium and barium clouds in the upper atmosphere. 17 p2851 A67-33194
- MEYER, C.**
Longitudinal modes of a CO sub 2 laser cavity - Applications /Modes longitudinaux d'une cavite laser a CO sub 2 - Applications/. 10 p1663 A67-22846
- MEYER, D. L.**
Observational uncertainties in lunar control systems. 18 p3130 A67-34320
- MEYER, F.**
Generation and propagation of oscillatory motions in the solar atmosphere. 05 p0900 A67-17074
Generation of oscillations in the solar atmosphere by separate granules /Die Erzeugung von Schwingungen in der Sonnenatmosphaere durch einzelne Granula/. 10 p1704 A67-22721
- MEYER, H. F.**
Fading and multipath considerations in aircraft/satellite communications systems. 06 p0960 A67-17673
- MEYER, H.-J.**
Efficiency of ultrasonic testing in the detection of hidden cracks in structural components, with particular reference to turbine blades /Ueber die Aussagen der Ultraschallpruefung bei der Suche nach verdeckten Anrissen in Konstruktionsteilen mit besonderer Beruecksichtigung von Turbinenschaufeln/. 14 p2395 A67-27872
- MEYER, J. A.**
Minimum information terminal homing guidance. 02 p0263 A67-12158
- MEYER, J. E., JR.**
A self-scanned solid-state image sensor. 23 p3998 A67-40868
- MEYER, J. F.**
Blood glucose during flight in high performance aircraft. 23 p3950 A67-41550
- MEYER, J. L., JR.**
The reaction of nitric oxide with

- triphenylmethylperoxy radical. 20 p3377 A67-37138
- MEYER, N. I.
Hot electron emission from silicon p-n junctions produced by ion implantation. 02 p0299 A67-11897
- MEYER, P.
Mutual-impedance plasma probe /Sonde de plasma a impedance mutuelle/. 09 p1501 A67-22561
Possibilities of studying ionospheric-plasma resonances with the aid of a mutual-impedance probe /Possibilites pour l'etude des resonances du plasma ionospherique a l'aide d'une sonde a impedance mutuelle/. 12 p1931 A67-25152
Diurnal intensity variation of low-energy electrons observed near the polar cap. 22 p3872 A67-39802
- MEYER, P. A.
Optimization of linear matched filters /Ueber die Optimierung linearer Suchfilter/. 10 p1621 A67-23573
- MEYER, R. A.
Analysis of gases enclosed within electronic components. 10 p1611 A67-23310
- MEYER, R. E.
Uniformization of a quasi-linear hyperbolic equation. I - The formal solution. 02 p0260 A67-12432
Uniformization of a quasi-linear hyperbolic equation. II - Solution structure in the large. 02 p0260 A67-12433
- MEYER, R. F.
Some examples of separation in three-dimensional flows. 05 p0747 A67-16293
- MEYER, R. R.
Buckling of 45 deg eccentric-stiffened waffle cylinders. 19 p3341 A67-33525
- MEYER, R. X.
A space-charge-sheath electric thruster. [AIAA PAPER 66-927] 02 p0303 A67-12251
The effect of a magnetic field on the space charge neutralization problem. [AIAA PAPER 67-83] 06 p1041 A67-18275
A space-charge-sheath electric thruster. [AIAA PAPER 66-927] 23 p4049 A67-41736
- MEYER, W. A.
Structure and mechanical properties of an iron-nickel-base alloy with aluminum and titanium additions after various thermal and thermomechanical treatments /Gefuege und mechanische Eigenschaften einer Legierung auf Eisen-Nickel-Basis mit Aluminium- und Titanzusatz nach verschiedener thermischer und thermomechanischer Behandlung/. 19 p3247 A67-35834
- MEYER, Y. H.
Spectroscopic characteristics of the tetrabenzoylacetates of europium and terbium /Caracteristiques spectroscopiques des tetrabenzoylacetates-sodium d'europlum et de terbium/. 02 p0251 A67-11518
- MEYERHOFER, D.
A light-activated semiconductor switch. 08 p1306 A67-21295
- MEYERHOFF, R. W.
Rise-rate dependence of the critical current of superconducting solenoids. 23 p4045 A67-41457
- MEYEROTT, A. J.
X-ray spectra of several cosmic sources. 11 p1856 A67-24505
- MEYEROTT, R. E.
Coordinated satellite, ground-based and aircraft-based measurements on auroras. 18 p3034 A67-33590
- MEYERS, J. J.
Film processor-dryer for Lunar Orbiter spacecraft photo system. [SMPTE PAPER 101-49] 12 p1941 A67-25467
- MEYERS, N. H.
Re-entry guidance by threshold network storage of precomputed optimum commands. [AIAA PAPER 66-52] 11 p1869 A67-24338
- MEYKAR, O. A.
Maintainability terminology supports the effectiveness concept. 16 p2780 A67-30440
- MEZHROV, I. I.
Total pressure losses in a hypersonic wind tunnel. 04 p0546 A67-14780
- MIACHIN, V. E.
Dynamic balancing of rotors /Dinamicheskoe uravnoveshivanie rotorov/. 16 p2681 A67-30469
- MIKININ, E. V.
Some results of neutron measurements in the atmosphere. 02 p0312 A67-12606
- MIKUSHEV, A. M.
Formulation of the problem of determining external pressure during the onset of flutter in an ionized gas /Postanovka zadachi o nakhozhenii vneshnego davleniia pri vozniknovenii flattera v ionizovannom gaze/. 18 p2981 A67-33424
- MIAMLIN, V. A.
Electrochemistry of Semiconductors. 22 p3856 A67-39413
- MIANNIL, A. I.
On results of comparison of a finite-difference method and the method of steepest descents for the analysis of transient stress waves in plates. 11 p1871 A67-24159
- MIASNIKOV, V. I.
Study of sleep characteristics during conditions simulating space flight /Izuchenie osobennostei sna v usloviakh, modeliruiushchikh kosmicheskii polet/. 16 p2613 A67-30913
Differential diagnosis of the somnolent and precollapsoidal states of man /K voprosu o differentsial'noi diagnostike dremotnykh i prekollapsoidnykh sostoianii u cheloveka/. 20 p3368 A67-36268
Prolonged effect of noise of moderate intensity on the functional state of an organism /Dlitel'noe vozdeistvie shuma srednei intensivnosti na funktsional'noe sostoianie organizma/. 20 p3369 A67-36870
- MIASNIKOVA, K. P.
Elastic constants of Ti-Al-Cr-Fe-Si alloys /Uprugie konstanty sployov sistemy Ti-Al-Cr-Fe-Si/. 16 p2687 A67-30848
Ternary intermetallic compounds in the system Ni-Ti-Nb. 16 p2691 A67-31593
- MIASTKOWSKI, J.
Plastic flow of axially-symmetric notched bars pulled in tension. 01 p0159 A67-10401
- MAZDRIKOV, O. A.
Mechanical excitation of phosphor suspensions in a solid dielectric and the theory of impact /Mekhanicheskoe vozbuzhdenie suspenzii fosforov v tverdom dielektrike i teoriia udara/. 01 p0113 A67-10354
Shock theory and the mechanical excitation of phosphors suspended in a solid dielectric. 11 p1851 A67-25027
- MICHAEL, E. D.
Effect of high altitude on maximal working capacity. 10 p1598 A67-23393
- MICHA, D. A.
Perturbation of angular correlations by randomly oriented, fluctuating magnetic fields. 14 p2371 A67-28728
Compound state resonances in molecular collisions - The integral elastic cross section for D sub 2 - Xe scattering. 19 p3266 A67-35881
Compound-state resonances in atom-diatom-molecule collisions. 23 p4029 A67-40959
- MICHAEL, G. A.
The Sagamore Hill solar radio observatory and the event of August 28, 1966. 10 p1703 A67-23803
- MICHAEL, R.
Low noise transistorized amplifier at 408 MHz for synthesis radiotelescope. 17 p2827 A67-32785
- MICHAELS, A. S.
Radar observations of insects in free flight. [AFRL-67-0127] 03 p0371 A67-13916
- MICHAELS, R. M.
Technical innovation in transportation through systems analysis. [AIAA PAPER 67-799] 24 p4258 A67-42960
- MICHAELSON, S. M.
Microwave radiation and its effect on response to X-radiation. 10 p1599 A67-23815
Effects of electromagnetic radiations on physiologic responses. 10 p1600 A67-23824
- MICHALKE, A.
On the inviscid instability of certain two-dimensional vortex-type flows. 23 p3990 A67-41169
- MICHALOWSKI, Z.
Investigation of the reproduction accuracy of the behavior of rapidly varying pressures attainable with the OT-21 transducer and the RF-01 meter /Badanie wernosci odwzarniania przebiegow cislen szybkozmiennych przez czujnik OT-21 i miernik RF-01/. 16 p2671 A67-31004
- MICHAUD, J.
Mixing at constant section of two flows of different enthalpies /Le melange a section constante de deux flux d'enthalpies differentes/. 04 p0602 A67-14569
- MICHAUD, R.
Observational knowledge of motions in the solar atmosphere. 05 p0899 A67-17069
- MICHAUD, C.
"Diane" satellite tracking stations /Stations de poursuite de satellites "Diane"/. 16 p2621 A67-30680
- MICHAUX, C. M.
Aerospace thermodynamic properties expected above Cape Kennedy for the 1966-1967 period. 13 p2114 A67-26821
- MICHEAU, P.
Calculation of radiation flows in the interior of the combustion chambers of solid-propellant rockets /Calculs des flux de rayonnement a l'interieur des chambres de combustion des propulseurs a poudre/. 09 p1561 A67-22567
Ablation of reinforced plastics /Ablation des plastiques renforces/. 13 p2222 A67-26596
- MICHEL, F. C.
Model of solar wind structure. 13 p2190 A67-26313
- MICHEL, J. J.
Measurement of the visibility of a plasma line /Mesure de la visibilite d'une raie de plasma/. 20 p3438 A67-36343
- MICHEL, K. W.
Ultraviolet absorption of ammonia at high temperatures behind shock waves. 22 p3756 A67-39442
- MICHEL, R.
Thermal characteristics of boundary layers and practical calculation of hypersonic heat transfer /Caracteristiques thermiques des couches limites et calcul pratique des transferts de chaleur en hypersonique/. 09 p1489 A67-22198
- MICHELETTA, C.
Digital computer programs for the determination of the theoretical field in visual connections on spherical, smooth, and homogeneous ground - Reference to the CCIR 1955 and 1959 atlases /Programmi di calcolatrice numerica per la determinazione del campo teorico nei collegamenti "in visibilita" su suolo sferico, levigato ed omogeneo - Riferimento agli atlanti del CCIR - 1955 e 1959/. 13 p2070 A67-27202
- MICHELETTI, F. B.
Effects of chemisorbed oxygen on the electrical properties of chemically sprayed CdS thin films. 10 p1689 A67-22910
- MICHELS, C. J.
Low environmental pressure MPD arc tests. [AIAA PAPER 67-685] 21 p3692 A67-38716
Transient spectral study of discharges in coaxial plasma guns. 24 p4196 A67-42730
- MICHELS, D. J.
Detectors for the extreme ultraviolet. I. 10 p1653 A67-22737
- MICHENSEN, P.
The fine structure of the ionosphere. 11 p1786 A67-24398
The fine structure of the ionosphere. 13 p2109 A67-26329
- MICHELSON, I.
On a refinement of the theory of the moon's physical librations. 01 p0149 A67-10803
Sun, earth, and moon masses related by a reciprocity principle. 04 p0702 A67-15582
Earth's rotational and orbital motions interrelated by Lotzysanski's turbulence theorem. 12 p1932 A67-25190
- MICHELSON, M.
Radar technology for the 1970's. 06 p0957 A67-17584
- MICHIE, D. D.
Hemodynamic responses of conscious dogs during exposure to various plus Gx/back angle combinations. 22 p3750 A67-39593
- MICHELSEN, H. F.
A new approach to the determination of the earth's zonal harmonics. [AAS PAPER 66-91] 07 p1183 A67-19956
A new approach to the determination of the earth's zonal harmonics. [AAS PAPER 66-91] 13 p2116 A67-27516
A rendezvous with Halley's comet in 1985-1986. [AIAA PAPER 67-614] 19 p3329 A67-36003
- MICKHY, G. L.
Thermal-fatigue tests of restrained combustor-cooling tubes. 15 p2572 A67-29164
- MICHON, M.
The influence of Nd super 3 super plus ion properties in a glass matrix on the dynamics of a Q-spooled

- laser. 05 p0822 A67-16675
- MICHON, P.**
Thermoelectric power of thin layers of bismuth /Sur le pouvoir thermoelectrique des couches minces de bismuth/. 12 p1978 A67-25151
Thermoelectric properties of bismuth in a thin layer /Proprietes thermoelectriques du bismuth en couche mince/. 18 p3102 A67-34188
- MICKELSEN, W. R.**
Colloid-particle electrostatic thrusters. 03 p0503 A67-13492
Comparative performance of thrusters for solar electric spacecraft. 06 p1074 A67-18276
Advanced concepts in electric propulsion. [AIAA PAPER 67-426] 18 p3112 A67-33910
Some approximate methods for electric propulsion mission analysis. [AIAA PAPER 67-709] 21 p3693 A67-38736
Plasma separator thruster. [AIAA PAPER 66-598] 22 p3868 A67-40084
Auxiliary and primary electric propulsion - Present and future. [AIAA PAPER 67-426] 24 p4208 A67-42901
- MICKENS, R. E.**
Nonleptonic sigma decays. 19 p3263 A67-34892
- MICKEY, F. E.**
Sensing techniques for initiating parachute deployment on a Mars lander vehicle. [AIAA PAPER 67-202] 06 p0948 A67-18302
- MICKLEY, H. S.**
Nonequilibrium turbulent boundary layer. 19 p3212 A67-35776
- MIDDELHOEK, S.**
Review of wall creeping in thin magnetic films. 11 p1845 A67-23953
- MIDDLEHURST, B. M.**
Transient changes on the moon. 05 p0895 A67-18594
Lunar transient phenomena - Topographical distribution. 07 p1247 A67-19063
Lunar transient phenomena. 08 p1398 A67-21219
An analysis of lunar events. 17 p2942 A67-32388
- MIDDLETON, W. C.**
The effects of centrifuge radius on the performance of entry tasks. 23 p3965 A67-41567
- MIDGLEY, W. R.**
Experimental buckling of internal integral ring-stiffened cylinders. 11 p1875 A67-24611
- MIDWINTER, J. E.**
Assessment of lithium-meta-niobate for nonlinear optics. 21 p3677 A67-38010
- MIEHE, J. A.**
Utilization of Ge /Li/ semiconductors for the determination of short time intervals /Utilisation de detecteurs a semiconducteurs Ge /Li/ en vue de la determination d'intervalles de temps courts/. 01 p0066 A67-10652
Time resolution of fast photomultipliers /Resolution en temps de photomultiplicateurs rapides/. 01 p0067 A67-10659
Switching characteristics of semiconductor diodes in the centimeter-wave range /Proprietes de commutation des diodes a semiconducteurs dans le domaine des ondes centimetriques/. 02 p0210 A67-11531
- MIEKK-OJA, H. M.**
The structure and formation of dislocation networks in aluminium-magnesium alloys. 23 p4017 A67-40658
- MIELE, A.**
Bodies of maximum lift-to-drag ratio in hypersonic flow. 04 p0546 A67-14817
On optimum wedges and semicones in hypersonic viscous flow. 05 p0750 A67-17367
On the prediction of optimum hypersonic shapes. 10 p1589 A67-22734
Sufficiency proofs for the problem of the optimum transversal contour. 13 p2051 A67-27457
Three-dimensional, hypersonic wings of maximum lift-to-drag ratio. 16 p2592 A67-30964
Maximum lift-to-drag ratio of a slender wing at hypersonic speeds. 20 p3357 A67-36953
Maximum lift-to-drag ratio of a slender, flat-top, hypersonic body. 20 p3359 A67-37124
- MIELENZ, K. D.**
Lasers for length measurement. 09 p1499 A67-22148
- MIERKOWSKI, B.**
Speedobarographs SPB2 - SPBIV /Spidobarografy SPB2 - SPBIV/. 22 p3798 A67-39550
- MISSNER, W. W.**
Satellite lifetime program. 19 p3190 A67-36071
- MIETELSKI, J.**
The moon's rotation constants and the coordinates of Moesting A from the heliometric observations of Banachewicz. 18 p3128 A67-34305
- MIGAULT, A.**
Theoretical interpretation of the electric effect created in a metallic junction by the passage of a shock wave /Interpretation theorique de l'effet electrique cree dans une jonction metallique par le passage d'une onde de choc/. 14 p2367 A67-28514
- MIGDAL, D.**
Supersonic gas-particle flow with chemical reactions. 15 p2469 A67-29225
- MIGITAKA, M.**
Silicon negative-resistance diodes. 16 p2636 A67-30898
Microplasma observation on GaP pn junctions. 23 p4043 A67-41437
- MIGNOGNA, J.**
Built-in tests for the AN/AWG-10 missile control system. 20 p3417 A67-36990
- MIGOTSKY, E.**
On a criterion for persistent re-entry vehicle roll resonance. [AIAA PAPER 67-137] 06 p1097 A67-18504
- MIGUEL, J.**
Effects of Roentgen radiation on glycogen metabolism of the rat brain. 07 p1133 A67-19468
- MIGULIN, A. V.**
Determination of the temperature of the underlying surface by measuring the outgoing radiation at 8 to 12 mu aboard an aircraft /Ob opredelenii temperatury podstilaushchey poverkhnosti po izmereniiu ukhodiaschey radiatsii v diapazone 8-12 mkm s samoleta/. 18 p3040 A67-34001
- MIGULIN, I. N.**
Gain control by varying the transistor regime /Regulirovka usileniya putem izmeneniya rezhlma tranzistorov/. 16 p2637 A67-31027
- MIGULIN, V. V.**
Singularities of the Faraday effect in N-InSb in the millimeter band. 06 p1047 A67-17755
Investigation of the effect of impurities and magnetic field on the detection properties of n-InSb in the millimeter and submillimeter ranges /Issledovanie vliyaniya primesel i magnitnogo polya na detektirulushchye svoystva n-InSb v millimetrovom i submillimetrovom diapazonakh/. 19 p3300 A67-34762
- MIGUNOV, D. M.**
Investigation of the specific energy distribution of a shock wave created by an electrical explosion of a wire and an electrical discharge in air /Issledovanie raspredeleniya udel'noy energii udarnoy volny, obrazuzhshchiesya pri elektricheskoy vzryve provolochki v elektricheskoy razriade v vozdukh/. 17 p2883 A67-31927
- MIGUNOV, V. M.**
Electron concentration in the external ionosphere measured by observing the coherent signals of the Cosmos and Elektron earth satellites /Ob elektronnoi kontsentratsii vneshnei ionosfery, izmerennoi po nabludeniiu kogerentnykh signalov sputnikov zemli "Kosmos" i "Elektron"/. 02 p0192 A67-11658
Unsteadiness of the ionosphere /O nestatsionarnosti ionosfery/. 02 p0237 A67-11671
Accuracy of the determination of the electron concentration in the ionosphere by the coherent frequency method /O tochnosti opredeleniya elektronnoi kontsentratsii v ionosfere metodom kogerentnykh chastot/. 09 p1491 A67-21893
Measurement of the total number of electrons in the ionosphere and the gradients of this number from recorded Elektron satellite signals /Izmerenie polnogo chisla elektronov v ionosfere i ego gradientov po registratsii signalov sputnikov "Elektron"/. 14 p2307 A67-27922
Electron concentration in the outer ionosphere, measured from observations of coherent signals from the Cosmos and Elektron satellites. 16 p2824 A67-31073
Variability of the ionosphere. 16 p2865 A67-31086
- MIHAIL, A.**
The heat pipe and the thermosiphon for cooling gas turbine blades /Le caloduc et le thermosiphon pour le refroidissement des aubes de turbines a gaz/. 05 p0874 A67-16747
- MIHALAS, D.**
The calculation of model stellar atmospheres. 14 p2392 A67-28993
- MIHALISIN, J. R.**
Sigma formation in nickel-rich nickel-cobalt-chromium-aluminum-titanium-carbon alloys at 1650 deg F. 10 p1688 A67-23173
Theoretical strength with iron-nickel maraging steels. 12 p1957 A67-28125
- MIHALOV, J. D.**
Energetic trapped electron observations during the fall of 1964. 08 p1379 A67-21484
- MIHRAN, T. G.**
Plasma frequency and velocity spread in bunched electron beams of finite diameter. 08 p1362 A67-21298
- MIKABERIDZE, A. A.**
Observation of periodic variation of oscillation modes in a He-Ne laser /Nabludenie periodicheskogo izmeneniya tipov kolebaniy v He-Ne lazere/. 12 p1952 A67-25437
- MIKAEILIAN, A. L.**
Noise limitations on the reconstruction of three-dimensional pictures. 01 p0087 A67-10834
Toward design of a laser with passive shutter. 03 p0438 A67-13962
The use of quasi-classical and balance equations for the design of steady-state lasers. 07 p1197 A67-20245
Production of Fourier holograms with the aid of a pulsed ruby laser. 12 p1939 A67-25335
- MIKAEILIAN, G. Z.**
Stability of a multilayer orthotropic circular cylindrical shell /Ustoychivost' mnogosloinnoy ortotropnoy krugovoy tsilindricheskoy obolochki/. 05 p0919 A67-16585
- MIKAEILIAN, A. L.**
The utilization of semiclassical and rate equations for design of steady-state lasers. 05 p0815 A67-16628
- MIKAMI, H.**
Heat transfer from a sphere to rarefied gas mixtures. 06 p1117 A67-18388
- MIKAMI, T.**
On synthesis of time-optimal control systems. 13 p2087 A67-26723
- MIKAWA, Y.**
Photon scattering cross sections at Lyman-alpha /215.7 angstrom units/ for He and Ne. 20 p3489 A67-37431
- MIKELADZE, M. SH.**
Some problems of the theory of spherical plastic shells. 07 p1284 A67-20233
- MIKELADZE, SH. E.**
New numerical method of solving ordinary differential equations /Noviy chislenniy metod resheniya obyknovennykh differentsial'nykh uravnenii/. 12 p1960 A67-25434
Numerical solution of boundary-value problems for ordinary differential equations in the general case /Chislennoe reshenie granichnykh zadach dlya obyknovennykh differentsial'nykh uravneniy v obshchem sluchae/. 24 p4177 A67-41914
- MIKELSON, IU. IA.**
Allowance for the conducting walls of the channel of an MHD induction generator /Uchet provodiaschikh stenok kanala induktsionnoi M.G.D. mashiny/. 03 p0475 A67-13178
- MIKEROV, A. V.**
Control methods of helicopter gas-turbine engines /Metody regulirovaniya vertoletnykh gazoturbinykh dvigatelei/. 11 p1853 A67-24527
- MIKHAIL, H.**
Surface photopotential of single crystals of cadmium sulphide in an alternating electric field. 01 p0134 A67-10807
- MIKHAILIN, I. M.**
Photometric analysis of twilight-halo photographs obtained from the spacecraft Vostok 6 /Fotometricheskii analiz snimkov oreola zari, poluchennykh s kosmicheskogo korabla "Vostok-6"/. 03 p0415 A67-14227
Photometric analysis of photographs of the twilight aureole obtained from the space ship "Vostok-6". 12 p1932 A67-25483
- MIKHAILINA, L. I.**
Coherent emission of InP optically excited by an injection laser. 22 p3814 A67-39461

MIKHAILOV, A. V.

Noise rejection of various types of modulation in data transmission in the presence of multiple noise /Pomekhoustoichivost' raznykh vidov modulatsii pri peredache dannykh i vozdeistvii mul'tiplikativnoi pomekhi/. 04 p0568 A67-14454

Reliability of the transmission of phase-manipulated signals in the presence of transient processes in the channels and additive white noise /Dostovernost' peredachi fazomanipulirovannykh signalov pri nalichii v kanalakh perekhodnykh protsessov i additivnogo belogo shuma/. 09 p1463 A67-21962

Noise immunity of different modulation systems in the transmission of data perturbed by multiplicative noise. 15 p2435 A67-29291

Transmission reliability of phase-keyed signals through channels with transients and additive white noise. 20 p3383 A67-37192

MIKHAILOV, G. A.

Solution of problems of atmospheric optics by the Monte Carlo method /O reshenii zadach atmosferno optiki metodom Monte-Karlo/. 13 p2151 A67-26684

Results of the solution to certain problems of atmospheric optics by the Monte Carlo method /Rezultaty reshenia nekotorykh zadach atmosferno optiki metodom Monte-Karlo/. 14 p2313 A67-28767

The solution of problems of atmospheric optics by a Monte-Carlo method. 21 p3618 A67-38428

MIKHAILOV, G. S.

Certain properties of Ti-Mg and Ti-Be oxide absorbers of the energy of superhigh frequency oscillations and the effect of electron bombardment on their material /Pro delaki vlastivosti titano-magniolivkh ta titano-beriliovikh oksidnykh poglinachiv energii nadvisokochastotnykh kolivan' ta diia elektronnoho bombarduvannia na lkh rehovinu/. 24 p2402 A67-42069

MIKHAILOV, G. V.

Investigation of the radiation of a direct self-compressed discharge /pinch/ in the visible and ultraviolet regions. I /Issledovanie izlucheniia priamogo samosvzatogo razladi /pincha/ v vidimoi i ul'trafioletovoi oblastiakh. I/. 17 p2904 A67-32918

Investigation of the radiation of a direct self-compressed discharge /pinch/ in the visible and ultraviolet regions. II /Issledovanie izlucheniia priamogo samosvzatogo razladi /pincha/ v vidimoi i ul'trafioletovoi oblastiakh. II/. 17 p2904 A67-32919

MIKHAILOV, I. A.

Criterion equations of the motion of a particle in an electromagnetic field /Kriterial'nye uravnenia dvizhenia chastitsy v elektromagnitnom pole/. 03 p0475 A67-13177

MIKHAILOV, I. U.

Experimental investigation of MHD flows of liquid metal in a rectangular duct with conducting walls /Eksperimental'noe issledovanie magnitogidrodinamicheskogo techenia zhidkogo metalla v priamougol'nom kanale s provodilashchimi stenkami/. 16 p2712 A67-30573

MIKHAILOV, V. F.

The influence of a radome undergoing heat impact on the operational range of a radar station /O vliianii obtekatelia' ispytyvalushchego teplovoi udar, na dal'nost' deistviia radiolokatsionnoi stantsii/. 18 p2999 A67-33510

MIKHAILOV, V. N.

Interference between plane surfaces in supersonic gas flow. 03 p0403 A67-13630

MIKHAILOV, V. V.

Experimental investigation of the stability of cylindrical shells under external pressure /Eksperimental'noe doslidzheniia stikosti tsilindrichnykh obolonok, shcho znakhodiat'sia pid zovnishnim tiskom/. 11 p1880 A67-25054

Supercritical deformations of a cylindrical shell in torsion /Pro zakritichni deformatsii tsilindrichnoi obolonki, shcho znakhodit'sia pid dielu krucheniia/. 13 p2215 A67-26376

Postcritical deformation of a short cylindrical shell and square panel under axial compression /Pro zakritichni deformatsii korotkoj tsilindrichnoi obolonki ta kvadratnoi panelli pri os'ovomu

stisnenni/. 14 p2402 A67-28897

Experimental investigation of the stability of cylindrical shells under torsion /Eksperimental'ne doslidzheniia stikosti tsilindrichnykh obolonok pri kruchenni/. 18 p3144 A67-34171

Multipurpose spectrometer for studying the atmospheric short-wave radiation field /Universal'nyi spektrometr dlia issledovaniiia polia korotkovolnovogo izlucheniia v atmosfere/. 19 p3227 A67-34860

MIKHAILOVA, G. A.

The propagation of atmospherics in the earth-ionosphere waveguide. 06 p0994 A67-17970

MIKHAILOVA, G. V.

Some patterns of the F sub 0 -layer. 13 p2110 A67-26549

MIKHAILOVA, M. P.

The effect of a magnetic field upon illuminated InAs p-n junctions. 07 p1237 A67-20181

Avalanche multiplication and the ionization coefficient in InAs p-n junctions /Lavinnoe umnozhenie i koeffitsient ionizatsii v InAs p-n-perekhodakh/. 10 p1695 A67-23660

Avalanche multiplication in and ionization coefficient of p-n junctions in InAs. 17 p2924 A67-33341

MIKHAILOVA, N. B.

Results of measurements of the radio emission of the moon at the wavelengths 7.93, 11.0, 14.2, and 20.8 cm /Rezultaty izmerenii radioizlucheniia luny na volnakh 7,93, 11,0, 14,2 i 20,8 cm/. 02 p0322 A67-11581

MIKHAILOVA, T. N.

Self-focusing of laser beams in ruby and leucosapphire crystals. 21 p3639 A67-38094

MIKHAILOVSKI, A. B.

Quasilinear transformation of waves in an inhomogeneous plasma. 03 p0475 A67-12936

MIKHAILOVSKII, A. B.

Instability of the relative motion of spatially distributed electron fluxes in a magnetic field /Neustoiichivost' otositel'nogo dvizhenia prostranstvenno razdelennykh elektronnykh potokov v magnitnom pole/. 02 p0277 A67-12611

Convective excitation of ion plasma waves by an inhomogeneous electron beam. 04 p0668 A67-15270

Convective effects in the excitation of electron plasma oscillations by a finite beam. 04 p0668 A67-15271

Drift waves in a finite-pressure plasma /Dreifovye volny v plazme konechnogo davleniia/. 05 p0852 A67-18693

Nonlinear theory of drift-cone instability. 05 p0860 A67-17545

Convective effects in plasmas with beams. 07 p1228 A67-19511

Instability due to relative motion of spatially separated electron streams in a magnetic field. 13 p2170 A67-27367

Macroscopic description of a collision plasma in a strong magnetic field in stability problems /O makroskopicheskom opisani stolkovitel'noi plazmy v sil'nom magnitnom pole v zadachakh ob ustoiichivosti/. 14 p2363 A67-29071

Drift waves in a finite-pressure plasma. 15 p2530 A67-29864

"most dangerous" instabilities of a collision plasma in a magnetic field /O "naibolee opasnykh" neustoiichivostiakh stolkovitel'noi plazmy v magnitnom pole/. 16 p2715 A67-31041

Oscillations of an inhomogeneous plasma. 20 p3492 A67-36130

MIKHAILOVSKII, G. P.

Some problems in the selection of research astronauts /Nekotorye problemy otbora kosmonavtov issledovatelei/. 13 p2062 A67-26763

MIKHAILOVSKII, N. N.

Method for the experimental determination of the nonstationary component of drag coefficient with the aid of analog computers /Ob odnom sposobe eksperimental'nogo opredeleniia nestatsionarnoi sostavialushchei koeffitsienta lobbogo soprotivleniia s pomoshch'iu modeliruiushchkh ustroistv/. 18 p3023 A67-33425

MIKHAILOVSKII, E. D.

Absorption curve and energy spectrum of muons in the high-energy range /Krivaiia pogloshcheniia i energeticheskii spektr mionov v oblasti vysokikh energii/. 02 p0317 A67-12775

Absorption curve and energy spectrum of

muons in the high energy region. 22 p3877 A67-40277

MIKHALEV, M. A.

An approximate method for calculating the flow at sudden expansions in the presence of a magnetic field. 16 p2722 A67-31573

MIKHALEVSKII, V. S.

Gas-laser demonstration /Demonstratsii s gazovym opticheskimi kvantovym generatorem/. 22 p3816 A67-39923

MIKHASENKO, I. U.

Effective control of expansion of a turbulent jet /Ob effektivnom upravlenii rasprostraneniem svobodnoi turbulentnoi strui/. 06 p0982 A67-17744

MIKHEEV, M. A.

Formulas for calculating convective heat transfer /Raschetnye formuly konvektivnogo teploobmena/. 03 p0536 A67-13687

MIKHEEV, N. I.

Heat-resistant properties of vanadium-molybdenum alloys /Zharoprochnye svoistva vanadiimolibdenovykh splavov/. 20 p3467 A67-36968

MIKHEEV, S. M.

Experimental study of two versions of a continuously operating electromechanical SHF phase converter /Eksperimental'noe issledovanie dvukh variantov elektromekhanicheskogo fazovrashchatel'ia SVCh nepreryvnogo deistviia/. 13 p2081 A67-27047

MIKHEEV, V. S.

Effect of heat treatment on the mechanical properties of AT2 type alloys /Vliianie termicheskoi obrabotki na mekhanicheskie svoistva splavov tipa AT2/. 07 p1207 A67-19286

Investigation of the phase equilibrium in a cross section of the Ti-Al-Cr-Fe-Si-B system /Issledovanie fazovogo ravnovesiia chastii sistemy Ti-Al-Cr-Fe-Si-B/. 16 p2687 A67-30849

MIKHEEVA, M. N.

Superconducting properties of rhenium /Sverkhprovodiaschie svoistva reniia/. 14 p2375 A67-29069

MIKHIN, V. V.

Some results of experiments with a 100-kw MHD generator model /Nekotorye rezultaty eksperimental'nykh issledovanii 100-kilovattnoi modeli MGD generatora/. 16 p2602 A67-30559

MIKHISHEV, G. N.

Methods of study of the dynamics of booster rockets and spacecraft. 08 p1412 A67-21113

MIKHLIN, B. Z.

Method of separating magnetic fields produced by bodies made of conducting materials /Metod razdeleniia magnitnykh pol, sozdavaemykh telami iz provodilashchikh materialov/. 22 p3795 A67-39227

MIKHLIN, S. G.

Numerical Realization of Variational Methods /Chislennaia Realizatsiia Variatsionnykh Metodov/. 04 p0645 A67-15009

Approximate Methods for Solution of Differential and Integral Equations. 23 p4022 A67-40841

MIKHENKO, G. A.

Temperature effects in the Ne-He laser. 01 p0090 A67-10512

MIKHNEVICH, V. V.

Pulsed circuit with silicon controlled rectifiers for semiconductor-laser excitation /Impul'snaia skhema na kremlevykh upravlaemykh ventillakh dlia vzbuzhdeniia poluprovodnikovykh O.K.G./.

19 p3191 A67-34963

MIKIROV, A. E.

Rocket measurements of ozone profiles above the level of maximum concentration. 10 p1638 A67-23202

Mean particle size at 70-450 km heights. 10 p1641 A67-23240

Mean size of particles at altitudes from 70 to 450 km. /Sredni razmer chastits na vysotakh 70-450 km/. 21 p3623 A67-39043

MIKISHEV, G. N.

Experimental determination of the hydrodynamic coefficients for a cylindrical cavity with radial partitions /Eksperimental'noe opredelenie gidrodinamicheskikh koeffitsientov dlia tsilindricheskoi polosti pri nalichii v nei radial'nykh peregorodok/. 10 p1624 A67-23032

MIKK, G.

A comparison and evaluation of several radiant energy methods for calibrating heat

- flux sensors. 01 p0069 A67-11019
- MIKK, I. R.
Radiative heat transfer between two zones one of which consists of suspended particles /Luchistyĭ teploobmen mezhdu dvumia zonami, odna iz kotorykh sostoit iz vyzvenennykh chastits/. 24 p4253 A67-42252
- MIKOWITZ, J.
Diffraction of transient elastic waves by a spherical cavity.
[ASME PAPER 67-APM-27] 17 p2965 A67-33154
- MIKOS, M.
Introduction of plasma technology into the chemical and metallurgical industry /Vnedrenie plazmennoi tekhniki v khimicheskuiu i metallurgicheskuiu promyshlennost'/. 17 p2865 A67-32189
- MIKOSHIBA, N.
A nonlinear theory of electron-phonon interaction in semiconductors. 06 p1066 A67-18957
- MIKUS, E. B.
Recrystallization behavior and brazing of the TZM molybdenum alloy. 19 p3234 A67-34793
- Brazing alloys and techniques for tantalum honeycomb structures. 20 p3456 A67-37696
- MIKYSKOVA, M.
Review of flow-restricting devices /Prehled skrticich organu/. 09 p1442 A67-21647
- MIL, M. L.
Helicopters-Design and Engineering. 1 - Aerodynamics /Vertolety-Raschet i Proektirovanie. 1 - Aerodinamika/. 04 p0551 A67-15266
- Helicopters-Design and Development. Book 2 - Vibrations and Dynamic Stability /Vertolety-Rascheti i Proektirovanie. Kniga 2 - Kolebania i Dinamicheskaia Prochnost'/. 16 p2597 A67-31812
- MILAM, J. K.
A solid state beta gauge for measuring the density of liquid hydrogen. 05 p0842 A67-16541
- MILENIN, V. M.
Determination of the electron energy distribution function for a noisy plasma. 20 p3498 A67-36687
- MILER, M.
Note on a toroidal laser resonator. 12 p1951 A67-25197
- MILES, G. A.
Mixedness in the well-stirred reactor. 18 p3154 A67-33833
- MILES, H.
The Barwell meteorite and associated fireballs. 15 p2562 A67-30083
- MILES, H. G.
Fireballs associated with the Barwell meteorite. 05 p0898 A67-16928
- MILES, J. J.
Flight simulation. 14 p2292 A67-28037
- MILES, J. K.
In situ measurements of spectral reflectance of thermal control coatings irradiated in vacuo.
[AIAA PAPER 67-342] 12 p1959 A67-28056
- MILES, J. W.
Electrostatics of slender bodies. 08 p1413 A67-21301
- Internal waves in a continuously stratified atmosphere or ocean. 14 p2295 A67-27904
- MILES, T. P.
A design technique for realizing a microwave tunnel-diode amplifier in stripline. 24 p4131 A67-42445
- MILEVSKII, L. S.
Dislocation structure of crystals with a diamond-type lattice grown along the /100/ axis /Dislokatsionnaia struktura kristallov s reshetkoi almaza, vyrashchennykh v napravlenii /100//. 05 p0860 A67-18076
- Dislocation reaction in crystals with a diamond-type structure grown along the /100/ axis /Dislokatsionnaia reaktisia v kristallakh so strukturoi almaza, vyrashchennykh v napravlenii /100//. 05 p0860 A67-18077
- X-ray diffraction investigations of the dislocation structure of silicon crystals /Rentgenodifraktsionnoe izuchenie dislokatsionnoi struktury kristallov kremnia/. 05 p0860 A67-18078
- MILEWSKI, J.
Striated flow in the synchronous induction magnetogasdynamic generator. 16 p2607 A67-30594
- Induction alternating current MGD generators. 17 p2803 A67-32340
- MILEY, G. K.
Radio diameter measurements with interferometer baselines of one million and two million wavelengths. 09 p1565 A67-21980
- MILFORD, S. N.
A diffusion model for the propagation of gases in the lunar atmosphere - Contamination by the Lunar Module exhaust. 22 p3883 A67-39817
- MILGRAM, J. H.
Optical detection of local fluid-flow velocities by filtering in space and time. 15 p2488 A67-29766
- MILIAEV, N. A.
Contribution to the theory of forced oscillations in a nonlinear circuit with p-n junction capacitance /K teorii vynuzhennykh kolebanii v nelineinom konture s emkost'iu p-n-perekhoda/. 07 p1150 A67-19235
- MILKIE, R. W.
Checkout - A changing technology. 03 p0398 A67-14202
- Time - A critical factor of in-flight maintenance.
[AIAA PAPER 67-950] 24 p4245 A67-43034
- MILKOVIĆ, M.
Effect of intrinsic coupling on the equivalent drift sources of a transistor /Einfluss der Gegenkopplung auf die äquivalenten Driftquellen eines Transistors/. 09 p1482 A67-22611
- MILLA, J. H.
Lift and drag characteristics of a biannular wing airplane. 03 p0352 A67-13313
- MILLAR, R. F.
Plane wave spectra in grating theory. V. 03 p0374 A67-14353
- Propagation of electromagnetic waves near a coastline on a flat earth. 11 p1751 A67-23987
- MILLEA, M. F.
Effects of radiation damage on the behavior of GaAs p-n junctions. 04 p0685 A67-15704
- Diffusion lengths of electrons and holes in GaAs. 11 p1850 A67-24912
- MILLEDGE, J. S.
Acid-base in Sherpa altitude residents and lowlanders at 4880 m. 17 p2806 A67-32333
- MILLEDGE, R. D.
Radiographic studies of the chest during changes in posture and lower body negative pressure. 23 p3956 A67-41625
- MILLEMAN, S. E.
Pneumatic logic rocket engine sequence control.
[AIAA PAPER 67-518] 18 p3114 A67-33981
- MILLENSON, J. R.
Quantification of response suppression in conditioned anxiety training. 20 p3373 A67-37577
- MILLER, A.
Destructive readout in image tubes. 03 p0426 A67-14396
- MILLER, A. C.
1414 Mc/sec Jupiter observations. 03 p0411 A67-13166
- MILLER, A. E.
Oxygen - Solid vs gaseous vs liquid. 23 p3967 A67-41608
- MILLER, A. J.
Quasi-biennial cycles in angular momentum transports at 500 mb. 15 p2512 A67-29201
- Note on vertical motion in the lower stratosphere. 19 p3224 A67-35529
- Note on the semi-annual wind variation in the equatorial stratosphere. 22 p3828 A67-39466
- MILLER, A. M.
Design factors for impact extrusions. 14 p2323 A67-27814
- MILLER, B.
Laser photography. 06 p1006 A67-19011
- Experimental study of normal ionizing shock waves. 08 p1363 A67-21381
- MILLER, B. A.
A design technique for realizing a microwave tunnel-diode amplifier in stripline. 24 p4131 A67-42445
- MILLER, C.
An inverse for the Jaumann derivative and some applications to the rheology of viscoelastic fluids. 06 p0991 A67-18777
- Nonlinear effects in the rheology of dilute suspensions. 17 p2887 A67-32280
- Spectral analysis of pump-cavitation noise. 21 p3613 A67-38437
- MILLER, C. D.
Tandem mass spectrometer for study of ion-molecule reactions. 02 p0247 A67-12690
- Method for improving sensitivity and resolution of mass spectrometer. 02 p0248 A67-12700
- Origin of the framing camera. 03 p0419 A67-13229
- Origin of the framing camera. 05 p0806 A67-16699
- MILLER, C. E.
Mass flowmeters in cryogenic service. 03 p0421 A67-13768
- Flow measurement. II. 13 p2121 A67-27633
- On the problems of measuring transient temperature in cryogenic fluids. 15 p2490 A67-30155
- MILLER, C. K. S.
Noise standards, measurements, and receiver noise definitions. 17 p2814 A67-32604
- MILLER, C. O.
The dynamics of accident prevention information. 17 p2796 A67-32218
- MILLER, C. S.
Isodensitometry as an aid in the analysis of photographically recorded information. [SMPT PAPER 101-89] 12 p1941 A67-25473
- Use of the isodensitracer for pictorial data. 17 p2860 A67-32665
- MILLER, D.
Control and measurement of temperatures of Mariner IV. 18 p3052 A67-34514
- MILLER, D. E.
Stratospheric attenuation in the near ultraviolet. 23 p3993 A67-40677
- MILLER, D. R.
Theoretical analysis of flow-induced vibration of a blade suspended in a flow channel.
[ASME PAPER 66-WA/NE-1] 04 p0712 A67-15372
- Studies of low density supersonic jets. 14 p2301 A67-28183
- Rotational relaxation of molecular nitrogen. 16 p2705 A67-31757
- MILLER, D. S.
Susceptibility of active filters. 20 p3406 A67-37652
- MILLER, D. V.
Economics of military space launching systems. 15 p2566 A67-29830
- MILLER, E.
Erosive burning of composite solid propellants. 07 p1238 A67-19069
- Boundary layer combustion in hybrid rockets.
[AIAA PAPER 67-471] 18 p3157 A67-33941
- MILLER, E. F.
The gravito-inertial accelerative forces acting on the vestibular organs during locomotion at lunar and earth gravity. 23 p3953 A67-41584
- MILLER, E. F., II
Vestibular experiments in Gemini flights V and VII. 13 p2062 A67-26920
- MILLER, E. H.
Reliability aspects of the RCA/USAF variable instruction computer. 08 p1298 A67-20639
- Multithreading design of a reliable aerospace computer. 08 p1298 A67-20667
- MILLER, E. K.
Excitation of surface currents on a plasma-immersed cylinder by electromagnetic and electrokinetic waves. II. 06 p0962 A67-18075
- Surface current excitation on an inhomogeneously sheathed plasma-immersed cylinder by electromagnetic and electrokinetic waves. 15 p2521 A67-29192
- MILLER, E. P.
Problems associated with environmental testing of orbital and space vehicle structures.
[SAE PAPER 660685] 01 p0154 A67-10589
- MILLER, E. R.
Development and use of a bidirectional spectrophotometer.
[AIAA PAPER 67-313] 12 p1946 A67-26028
- MILLER, E. S.
Human engineering studies for maintenance and repair in zero gravity.
[AIAA PAPER 67-653] 20 p3375 A67-37630
- MILLER, E. W.
Rb-Sr study on country rocks of the Bosumtwi crater, Ghana. 14 p2314 A67-28952
- Summary of NERVA radiation effects tests at cryogenic temperatures.
[AIAA PAPER 67-477] 18 p3076 A67-33947
- MILLER, F. D.
Photometry of the C sub 2 coma of comet Burnham /1960 II/. 17 p2943 A67-32442
- MILLER, F. E.
The utilization of lunar resources for

- propellant manufacture. 08 p1316 A67-21092
 MILLER, G.
 Human engineering studies for
 maintenance and repair in zero gravity.
 [AIAA PAPER 67-653] 20 p3375 A67-37630
 MILLER, G. A.
 On the Knudsen limiting law of thermal
 transpiration. 04 p0739 A67-15948
 MILLER, G. E.
 Flying qualities research using an in-flight
 simulator. 13 p2054 A67-27296
 [SAE PAPER 670261]
 Lateral-directional flying qualities for
 power approach. 19 p3175 A67-35972
 [AIAA PAPER 67-577]
 MILLER, G. H.
 The decomposition of
 polytetrafluoroethylene in a glow
 discharge. 18 p2998 A67-34369
 MILLER, H. R.
 Evaluation of plasma arc welding for 120
 in. diameter rocket motor
 cases. 01 p0080 A67-10944
 Shock-on-shock simulation and
 hypervelocity flow measurements with
 spark-discharge blast waves. 19 p3208 A67-35753
 [AIAA PAPER 66-763]
 MILLER, H. S.
 System utilization of large scale
 integration. 08 p1298 A67-20636
 MILLER, J.
 The descent engine for the lunar module.
 [AIAA PAPER 67-521] 18 p3115 A67-33984
 MILLER, J. A.
 Ground surface erosion occasioned by a
 rocket braked vehicle. 01 p0156 A67-11434
 Orbit position control for passive
 communications satellites.
 [AIAA PAPER 66-313] 06 p1094 A67-17703
 Satellite stationkeeping by solar radiation
 pressure. 13 p2213 A67-27489
 Laminar convective heat transfer in the
 entrance region bounded by parallel flat
 plates at constant temperature.
 [ASME PAPER 67-HT-48] 20 p3548 A67-36730
 MILLER, J. E.
 Superhyperfine interactions in the
 electron-spin-resonance spectrum of
 substitutional Gd super 3 super plus
 impurity in CaF sub 2 single crystals under
 applied stress. 17 p2913 A67-32367
 Apollo guidance, navigation and control
 system gyro reliability. 19 p3259 A67-35984
 MILLER, J. G.
 Application of the statistical theory of
 extreme values to ground wind loads on the
 Atlas space launch
 vehicle. 06 p1104 A67-18492
 MILLER, J. H.
 Intensity measurements of the 1 mu CO
 sub 2 bands. 06 p1031 A67-17870
 MILLER, J. J.
 Trajectory simulation methods for
 preliminary interplanetary mission
 planning. 19 p3322 A67-35321
 MILLER, J. M.
 On-board checkout for advanced space
 missions. 01 p0153 A67-10568
 [SAE PAPER 660461]
 MILLER, J. R.
 A planar slot array with four independent
 beams. 02 p0211 A67-11594
 MILLER, J. S.
 Radiation effects on silicon transistor
 parameter behavior
 characteristics. 17 p2917 A67-32843
 MILLER, J. T.
 Nonequilibrium expansion of a diatomic
 gas through a convergent-divergent
 nozzle. 02 p0180 A67-12547
 The calculation of near free molecular
 flux distribution to simple bodies in
 hypervelocity flow. 22 p3743 A67-40175
 MILLER, K. J.
 Strain rate effects on low endurance
 fatigue. 07 p1261 A67-19059
 Electron and laser beam welding - To date
 and 1970. 10 p1660 A67-23008
 MILLER, K. S.
 An algorithm for locating ambiguous lobes
 in the radiation pattern of large circular
 arrays. 05 p0781 A67-17535
 Minimum variance estimation and
 prediction theory. 10 p1606 A67-23084
 MILLER, L.
 Effect on stability of masses in relative
 motion with respect to a projectile /Der
 Einfluss relativ zum Flugkoerper
 beweglicher Massen auf die
 Stabilitaet/. 03 p0517 A67-13027
 Closed loop investigations of the upper

- stage flight of the Europe 1 space
 vehicle. 22 p3897 A67-39171
 Instabilities in ternary
 diffusion. 22 p3917 A67-39713
 MILLER, L. D.
 Location of anomalously hot earth with
 infrared imagery in Yellowstone National
 Park. 01 p0059 A67-10332
 Hypersonic inlet boundary-layer research.
 [AIAA PAPER 65-605] 03 p0350 A67-12910
 Predicting turbulent compressible
 boundary layers in strong adverse pressure
 gradients. 06 p0989 A67-18489
 [AIAA PAPER 67-196]
 MILLER, L. R.
 Generation and detection of dynamic
 gravitational-gradient
 fields. 11 p1794 A67-24903
 MILLER, M. A.
 Application of the solutions to certain
 nonlinear equations in studies of waves in
 linear inhomogeneous media /Ob
 ispol'zovanii reshenii nekotorykh nelineynykh
 uravnenii dlia izuchenia voln v lineynykh
 neodnorodnykh sredakh/. 02 p0191 A67-11572
 Transport properties of a dense fluid of
 molecules interacting with a square-well
 potential. II. 04 p0720 A67-14507
 Simulation of gas-stream discharge
 processes with the aid of plasmoids /O
 modelirovani protsessov istecheniia
 gazovykh strui s pomoshch'u plazmennyykh
 sgustkov/. 15 p2472 A67-29726
 MILLER, M. J.
 Summary of experimental investigation of
 three axial-flow pump rotors tested in
 water. 04 p0607 A67-15354
 [ASME PAPER 66-WA/FE-24]
 Summary of experimental investigation of
 three axial-flow pump rotors tested in
 water. 24 p4143 A67-42465
 [ASME PAPER 66-WA/FE-24]
 MILLER, M. M.
 Characteristic states of the
 electromagnetic radiation
 field. 06 p1036 A67-18367
 MILLER, N. B.
 An adhesive bonding technique for
 fabricating largescale nylon-phenolic
 composite heat shields. 09 p1523 A67-22506
 Evaluation of adhesive-bonded honeycomb
 horizontal stabilizer after 2500 hours flight
 time on the P5M Marlin
 seaplane. 09 p1577 A67-22508
 MILLER, P. L.
 Thermal modeling in a simulated space
 environment. 12 p2036 A67-26020
 [AIAA PAPER 67-305]
 MILLER, R.
 Space mission planning. 06 p1093 A67-19034
 Space mission planning in planetary
 environments. 06 p1093 A67-19035
 MILLER, R. A.
 Effects of low energy protons on thermal
 control coatings. 03 p0448 A67-13053
 [AIAA PAPER 65-648]
 Damage in glass induced by linear
 absorption of laser
 radiation. 05 p0824 A67-16794
 Stress corrosion of beryllium in synthetic
 sea water. 14 p2336 A67-28147
 MILLER, R. C.
 Optical parametric oscillation in the
 visible spectrum. 02 p0253 A67-12511
 Superconducting properties of germanium
 telluride. 06 p1069 A67-18981
 Tunable LiNbO sub 3 optical oscillator
 with external mirrors. 09 p1510 A67-21576
 MILLER, R. D.
 A digitally simulated star field display.
 [AIAA PAPER 67-254] 07 p1149 A67-20051
 MILLER, R. E.
 An analysis of the randomness of air
 accidents. 06 p0949 A67-18746
 Use of the field method for numerical
 integration of two-point boundary-value
 problems. 10 p1879 A67-23147
 Measuring the thermal conductivity of
 irradiated foam-type insulation
 materials. 13 p2228 A67-27662
 De Haas-Shubnikov oscillations in the Hall
 effect in arsenic. 16 p2727 A67-30820
 MILLER, R. H.
 Systems design - A team
 effort. 16 p2781 A67-30784
 The problems and potentials of short-haul
 air transportation. 19 p3347 A67-34971
 MILLER, R. J.
 The automatic electrostatic image orthicon

- camera. 17 p2858 A67-32481
 MILLER, R. L.
 Flow of an electrically conducting fluid
 past a flat plate in a transverse magnetic
 field /Obtekanie ploskoj plastyiny
 elektroprovodiashei zhidkost'iu v
 poperechnom magnitnom
 pole/. 06 p1043 A67-18677
 MILLER, R. N.
 Resource allocation for maximum
 reliability. 01 p0084 A67-11354
 Aircraft exfoliation corrosion - Methods
 for prevention in fastener
 holes. 07 p1210 A67-20087
 MILLER, R. P.
 Bending strength of large thin-walled
 pressure-stabilized cylinder beyond onset of
 compressive skin
 wrinkling. 03 p0522 A67-13230
 MILLER, R. R.
 Molecular association in sodium,
 potassium, and cesium vapors at high
 temperatures. 08 p1355 A67-21033
 MILLER, R. W.
 An equilateral transform and its
 application. 17 p2876 A67-32423
 Some heat-transfer problems inside an
 equilateral triangular
 region. 20 p3550 A67-36748
 [ASME PAPER 67-HT-67]
 MILLER, S. N.
 Experimental determination of antenna
 sidelobe statistics. 03 p0382 A67-13673
 A superlimiting phased-array receiving
 system in a two-source
 environment. 16 p2638 A67-31271
 MILLER, S. P.
 The influence of longitudinal conduction
 upon the exact temperature field and the
 effectiveness of a compact heat exchanger
 /with adiabatic ends/ for cooling heat
 generators. 20 p3551 A67-36758
 [ASME PAPER 67-HT-80]
 MILLER, S. R.
 Subsonic aerodynamic performance of
 nozzle installations in supersonic airplanes.
 [AIAA PAPER 67-452] 18 p2983 A67-33926
 MILLER, W. D.
 In situ solar absorptance measurement -
 An absolute method. 15 p2487 A67-29542
 MILLER, W. J.
 Low-pressure flame composition and the
 origin of C sub 3 H sub 3 super
 plus. 18 p3150 A67-33802
 MILLER, W. R.
 Rotating principal stress axes in high-cycle
 fatigue. 04 p0712 A67-15374
 [ASME PAPER 66-WA/MET-9]
 Cumulative damage and effect of mean
 strain in low-cycle fatigue of a 2024-T351
 aluminum alloy. 05 p0827 A67-16214
 [ASME PAPER 65-WA/MET-5]
 MILLERON, P. F.
 Calculation of the magnetic properties of
 superconducting
 vanadium. 16 p2726 A67-30816
 Entropy and specific heat of a
 superconductor in the mixed
 state. 21 p3680 A67-38349
 MILLET, J.
 Concept, development, and tests of solar
 thermionic converters with alkaline vapor
 refueling /Conception, realisation et essais
 de convertisseurs thermioniques solaires a
 vapeur de remplissage
 alcaline/. 07 p1132 A67-20287
 Influence of electron/Cs super plus -ion
 radiative recombination on the intensity of
 the spectral lines of cesium /Influence de la
 recombinaison radiative electron-ion Cs
 super plus sur l'intensite des raies
 spectrales du cesium/. 20 p3488 A67-36436
 MILLETT, I.
 The performance of gaseous parahydrogen
 as a monopropellant for auxiliary
 propulsion. 16 p2734 A67-30705
 MILLEUR, M. B.
 The hyperfine splitting of the interaction
 energy of two hydrogen
 atoms. 21 p3658 A67-37814
 MILLIES, E.
 Inversion of symmetrical matrices by
 computers /Inversion symmetrischer
 Matrizen auf
 Rechenautomaten/. 17 p2820 A67-32802
 MILLIGAN, D. W.
 A compact, low profile, transmission line
 antenna - Tunable over greater than octave
 bandwidth. 03 p0384 A67-13847

- MILLIGAN, H. H.**
The development of the closed-Brayton cycle power conversion system. [AIAA PAPER 66-889] 02 p0183 A67-12268
- MILLIGAN, M. W.**
Low-density gas flow in short tubes. [ASME PAPER 66-WA/PID-8] 04 p0606 A67-15331
- MILLIGAN, R.**
General instability of orthotropically stiffened cylinders under axial compression. [AIAA PAPER 66-139] 01 p0163 A67-11154
General instability of orthotropically stiffened cylinders under torsion. 23 p4080 A67-41745
- MILLIGAN, R. V.**
The gross hydrostatic-pressure effect as related to foil and wire strain gages. 07 p1185 A67-19412
- MILLMAN, G. H.**
Observations of ionospheric scintillations by VHF radar reflections from earth's satellites. [AGARDOGRAPH 95] 15 p2482 A67-30292
- MILLS, C. K.**
The ground simulation of Concord aerodynamic heating effects. 15 p2465 A67-29501
- MILLS, D. M.**
Beam/plasma interaction with transverse modulation. 09 p1548 A67-22280
Observations of a "hose" instability of an electron beam in a plasma. 11 p1841 A67-24928
- MILLS, E. J.**
Effect of variation in Poisson's ratio on plastic tensile instability. [ASME PAPER 66-WA/MET-15] 04 p0712 A67-15378
- MILLS, E. S.**
Control of trace contaminants from candidate materials in space cabin atmospheres. 02 p0189 A67-12388
Spacesuit systems and penalties for interplanetary missions. 04 p0563 A67-15235
Contaminant control in space cabins - Approach and results. 21 p3577 A67-38077
- MILLS, G.**
Metallurgical aspects of rolling contact fatigue. 12 p1954 A67-25329
- MILLS, G. A.**
Systematic determination of relative altitudes on the lunar surface. 08 p1398 A67-21218
A digitized Zeiss 3030 co-ordinate measuring instrument. 14 p2319 A67-28590
The Manchester selenodetic control system. 18 p3131 A67-34322
Absolute coordinates of lunar features. 23 p4065 A67-41005
- MILLS, G. R.**
Techniques for improving the quality of motion reproduction in moving base, piloted, flight simulators. [AIAA PAPER 67-252] 07 p1186 A67-20070
Improving the quality of motion reproduction in moving-base, piloted flight simulators. 21 p3808 A67-38540
- MILLS, J. F.**
A study of reverberation chamber characteristics. 12 p1924 A67-25712
A complete high intensity sound test facility. 12 p1924 A67-25718
- MILLS, J. L.**
The reflection coefficient for electromagnetic waves incident upon a homogeneous moving plasma in a shock tube. 15 p2531 A67-29905
- MILLS, R. A.**
The airline viewpoint. [AIAA PAPER 66-845] 04 p0595 A67-14978
- MILLS, R. D.**
Boundary layer flow having periodically distributed suction. 01 p0052 A67-10794
- MILLS, W. J.**
Heat transfer from an isothermal sphere to a low Prandtl number fluid in potential flow. 11 p1882 A67-24119
- MILLSAPS, K.**
Constant acceleration of an undamped simple vibrator through resonance. 20 p3541 A67-37485
- MILLSTEIN, J.**
Tunneling into superconducting films in a magnetic field. 17 p2924 A67-33371
- MILLWARD, B. B.**
Thermo-oxidative stability of polyphenylene resins in asbestos reinforced laminates. 03 p0451 A67-13400
- MILLWARD, C.**
Failure analysis of microcircuitry by scanning electron microscopy. 09 p1473 A67-22017
- MILMAN, I. U. V.**
Physical nature of the temperature dependence of the yield point /O fizicheskoi prirode temperaturnoi zavisimosti predela tekuchestii/. 13 p2131 A67-26449
Effect of rare earth metals on the Neel temperature and plasticity of recrystallized chromium /Vlianie redkozemel'nykh metallov na temperaturu Neelii i plastichnost' rekristallizovannogo khroma/. 13 p2131 A67-26450
- MILNARICH, P., JR.**
Prediction of apparent elevation angle from specified position for an object in the troposphere. 02 p0199 A67-12083
- MILNE, D. C.**
Single fibers of cat optic nerve - "Thresholds" to light. 10 p1598 A67-23581
- MILNE, R. D.**
Asymptotic expansion for transient forces from quasi-steady subsonic wing theory. 03 p0352 A67-13896
- MILNE, T. A.**
Molecular beam sampling of high temperature systems. [AIAA PAPER 67-37] 06 p0956 A67-18305
- MILNES, A. G.**
Filamentary injection in semi-insulating silicon. 02 p0298 A67-11886
Injected carrier flow in a semi-insulator containing a density gradient of a deep impurity. 06 p1051 A67-18221
The capacitance of p-n heterojunctions including the effects of interface states. 10 p1612 A67-23372
- MILOSHEV, G.**
Suppression of the formation of nuclei due to adsorption /V'rkhnu v'prosa za izcheyzane na zarodishoobrazuvaneto pri adsorbtsii/. 14 p2346 A67-27908
- MILOV, I. U. I.**
Synthesis of tissue proteins in hypodynamic animals /O sinteze tkaneynykh belkov u zhivotnykh pri gipodinamii/. 13 p2059 A67-26759
- MILOVA, V. B.**
Certain properties of polycrystalline nonalloyed molybdenum /Nekotorye svoystva polikristallicheskogo nelegirovannogo molibdena/. 05 p0832 A67-17510
Some properties of unalloyed molybdenum. 21 p3644 A67-38038
- MILOVIDOVA, N. P.**
The latitude distribution, integral multiplicities and coupling coefficients for the neutron, total ionizing and hard components of cosmic rays. 19 p3316 A67-35563
Latitude distribution and coupling coefficients for the neutron and total ionizing cosmic-ray components /Shirotnoe raspredelenie i koeffitsienty svyazi dlia neutronnoi i obshchei ionizulushchei komponent kosmicheskogo izlucheniia/. 23 p4059 A67-41136
East-West asymmetry effect in cosmic rays according to crossed-telescope measurements in 1965 /Effekt vostochnozapadnoi assimetrii v kosmicheskikh luchakh po izmereniam skreshchennymi teleskopami v 1965 g./. 23 p4060 A67-41137
Preliminary results of a study of the cosmic-ray distribution in the Eastern part of the USSR by a SibIZMIR expedition /Predvaritel'nye rezul'taty issledovaniia ekspeditsiei SibIZMIR raspredeleniia kosmicheskikh luchei v vostochnoi chasti SSSR/. 23 p4060 A67-41138
- MILOVIDOVA, S. D.**
Concerning temperature autostabilization of ferroelectric ceramics. 03 p0498 A67-13707
- MILOVSKII, N. D.**
Taking absorption into account in the steady state behavior of a regenerative traveling-wave laser /Ob uchete pogloshcheniia v statSIONarnom rezhime regenerativnogo oku begushchei volny/. 15 p2454 A67-30076
- MILSTEAD, A. H.**
Deboost from circular orbits. 01 p0153 A67-10429
- MILSUM, J. H.**
Relations between neural and mechanical responses of the semicircular canal. 23 p3956 A67-41633
- MILTON, D. J.**
Slopes on the moon. 15 p2553 A67-29160
- MILTON, D. W.**
Direct correspondence between X-ray microbursts and impulsive micropulsations. 07 p1246 A67-19949
Auroral-zone X-ray bursts of 5-to 25-millisecond duration. 22 p3873 A67-39821
- MILTON, R. D.**
Use of superconducting coils as energy storage elements in pulsed system operations. 22 p3747 A67-39900
- MILUSCHEWA, S.**
Atmospheric sciences laboratory proposed under Apollo applications program. [AIAA PAPER 67-186] 06 p1088 A67-18488
The solar system environment. 21 p3707 A67-38946
The solar system environment. 22 p3889 A67-40407
- MILVIDSKII, M. G.**
Effective mass of electrons in gallium arsenide /Effektivnaia massa elektronov v arsenide galliia/. 03 p0490 A67-13161
Effect of structural defects on some electrical properties of germanium doped with gold and antimony. 05 p0861 A67-16398
The part played by oxygen in the structural changes of silicon single crystals during thermal treatment /Rol' kisloroda v izmenenii struktury monokristallov kremniia pri termicheskoi obrabotke/. 08 p1370 A67-21205
Effective mass of electrons in gallium arsenide. 10 p1690 A67-23108
Effect of dislocations on the structure of diffusion p-n junctions in gallium arsenide and on the parameters of its recombination radiation /Vlianie dislokatsii na strukturu diffuzionnykh p-n-perekhodov v arsenide galliia i parametry rekombinatsionnogo izlucheniia/. 19 p3300 A67-34768
Measuring the high-temperature microhardness of semiconductors. 22 p3804 A67-40302
- MILWARD, R. C.**
Far infrared resonant absorption in n-type silicon. 06 p1068 A67-18974
- MIMS, M. D.**
The effects of the sterilization environment on the design of structural systems for planetary landers. 10 p1714 A67-23758
- MINAGAWA, S.**
A heuristic approach to the theory of fatigue fracture as dual to yielding. 16 p2768 A67-31277
- MINAILOS, A. N.**
Asymmetric supersonic flow of a perfect or real gas past the front part of a body of revolution /Nesimmetrichnoe obtekanie lobovoi chasti tela vrashcheniia sverkhzvukovym potokom sovershennogo ili real'nogo gaza/. 17 p2791 A67-32679
- MINAKOVA, I. I.**
Effect of couplings and losses on self-oscillations in a three-circuit system /O vlianii svyazi i poter' na avtokolebania v trekhkonturnoi sisteme/. 02 p0221 A67-12418
Multiphoton frequency multiplication during electrodipole interactions in gases /O mnogofotonnom umnozhenii chastoty pri elektrodipol'nykh vzaimodelstviiakh v gazakh/. 04 p0580 A67-14749
- MINAMI, K.**
Diffusion of a weakly ionized helium plasma in a metal chamber immersed in a magnetic field. 14 p2358 A67-28293
- MINAMOTO, S.**
Generalized analysis of output signal of switched mode amplifier. 07 p1154 A67-19656
- MINARDI, E.**
Entropy and stability of plasma equilibrium configurations. 12 p1977 A67-26227
The thermodynamics of a collisionless plasma at equilibrium in a magnetic field. 19 p3298 A67-35731
- MINASSIAN, A. S.**
Holography applications in quality assurance. 15 p2491 A67-30405
- MINASSIAN, L. T.**
Hydrodynamic aspect of the heat transport phenomenon in solids /Aspect hydrodynamique du phenomene de transport de la chaleur dans les solides/. 14 p2374 A67-28982
- MINCHER, A. L.**
Dispersion-strengthened cobalt alloys. 01 p0093 A67-10517
- MINCHUK, F. F.**
Application of a point-to-point mapping technique to the solution of optimum control problems for piecewise-linear dynamic systems /Primenenie metoda

- tochechnykh preobrazovani k resheniliu zadach optimal'nogo upravleniya v kusochno-lineinykh dinamicheskikh sistemakh/. 22 p3776 A67-39776
- MINCK, R. W.**
Effects of phonon lifetime on stimulated optical scattering in gases. 10 p1662 A67-22758
- MINDEN, H. T.**
Noise behavior of avalanching silicon diodes. 01 p0036 A67-10449
- MINDERMAN, P. A.**
Data core - An integrated launch area telemetry data system. 03 p0375 A67-13382
- MINDLIN, I. M.**
On the stability of steady motions of a heavy body of revolution on an absolutely rough horizontal plane. 01 p0115 A67-10992
- MINDLIN, I. A.**
Elastic plane vibrations of a circular cylinder. 04 p0708 A67-14788
- MINE, H.**
Statistical treatment for cosmic ray intensity observed by detectors moving above the earth surface. 12 p1996 A67-25783
- MINEEV, I. U. V.**
Amplitude recording of pulses and logarithmic amplitude conversion in a dynamic range of 10 super 4 to 10 super 5. 01 p0062 A67-10160
Logarithmic conversion of pulse amplitudes into numbers in a large dynamic range /Logarifmicheskoe preobrazovanie amplitudy impul'sov v chislo v bol'shom dinamicheskom diapazone/. 02 p0221 A67-12419
High-transmission spectrometer for the charges of primary cosmic ray nuclei /Svetosil'nyi spektrometr zaryadov pervichnykh iader kosmicheskikh luchei/. 09 p1497 A67-21898
Telemeasurement in a broad dynamic range of the amplitudes of pulses from cosmic-ray scintillation recorders. 13 p2119 A67-26560
- MINEMOTO, T.**
Spin relaxation of optically pumped cesium atoms in some aromatic gases. 04 p0660 A67-14611
- MINER, R. E.**
Internal friction in 18 pct Ni maraging steels. 05 p0828 A67-16468
- MINERVIN, V. E.**
Radar study of the phase state of clouds /Issledovanie fazovogo sostoyaniya oblakov s pomoshch'yu radiolokatora/. 01 p0109 A67-11249
Investigation of the phase state of clouds with the aid of radar. 11 p1815 A67-24120
- MINETTI, R. H.**
Large-signal calculations for the overdriven varactor upper-sideband upconverter operating at maximum power output. 20 p3396 A67-36510
- MINFORD, J. D.**
Adhesives for aluminum. 06 p1020 A67-18062
Adhesive bonding. 14 p2323 A67-27820
- MINGAZIN, T. A.**
Texture and electrical conductivity of cadmium sulfide films. 03 p0498 A67-13868
- MINGES, M. L.**
Heat transfer in structural honeycomb composites at high temperatures. 04 p0735 A67-15852
- MINGLE, J. O.**
An analysis of transient temperatures in gamma heated materials. 06 p1116 A67-18363
An analysis of transient temperatures in gamma-heated materials. 21 p3730 A67-37793
- MINGUZZI, P.**
A Paschen-Back hyperfine filter for optical pumping. 22 p3816 A67-40321
- MININA, L. S.**
The position of the tropopause in a mid-latitude jet stream. 02 p0240 A67-12642
Cold front motion forecasting /O prognoze peremeshcheniya kholodnogo fronta/. 04 p0652 A67-15472
- MINK, J. W.**
Method for laser-beam cleaning. 09 p1512 A67-22042
- MINKEVICH, A. N.**
Titanium-carbide coatings on steel. 01 p0093 A67-10301
- MINKIN, L. M.**
Minimization of TWT noise figure with consideration of current settling at input to delay structure. 03 p0386 A67-13961
Effect of continuous current interception along the delay system on the amplification of a traveling-wave tube /O vliyanii nepreryvnogo tokosostaniya vvol' zamedlilushchey sistemy na usleniye lampy regushchey volny/. 16 p2840 A67-31506
- MINKIN, S. B.**
Semiconductor and ferroelectric properties of posistors /O poluprovodnikovyykh i segnetoelektricheskikh svoystvakh pozistorov/. 22 p3801 A67-40215
Temperature characteristics of an AC posistor /Temperaturnaya kharakteristika pozistora na peremennom toke/. 24 p4130 A67-42253
- MINKO, L. I. A.**
Wave processes in a shock tube with conical electrodes. 08 p1358 A67-20852
Spectroscopic investigation of a plasma in a shock tube with conical electrodes. 08 p1358 A67-20853
- MINKO, V. I. U.**
Determination of conditional angular elements in external orientation of aerial photographs /Opredelenie usloviykh uglovyykh elementov vneshnego orientirovaniya aerosnlnkov/. 01 p0068 A67-10855
Determining the conditional angular elements of exterior orientation of aerial photographs. 14 p2317 A67-28244
- MINKOWICZ, W. J.**
Condensation heat transfer in the presence of noncondensables, interfacial resistance, superheating, variable properties, and diffusion. 04 p0720 A67-14644
- MINNAERT, M. G. J.**
Photometric methods for determination of lunar relief. 18 p3132 A67-34328
- MINNAJA, N.**
Theory of the influence of surface states on the impedance of a semiconductor-insulator interface. 03 p0487 A67-12810
Contribution to the study of metal contacts on semiconductor real surfaces. 14 p2373 A67-28925
The potential barrier at the metal-semiconductor contact /La barriera di potenziale al contatto metallo-semiconduttore/. 24 p4204 A67-42410
- MINNETT, H. C.**
A method of synthesizing radiation patterns with axial symmetry. 02 p0213 A67-11615
Instrument for rapid measurement of surface deformations of a 210ft radio telescope. 02 p0229 A67-12069
Performance of the Parkes 210-foot paraboloid at wavelengths from 6 to 75 cm. 14 p2282 A67-28035
- MINNICH, C. B.**
X-ray inspection of electronic and electro-mechanical devices. 10 p1611 A67-23311
- MINNICK, R. C.**
A survey of microcellular research. 13 p2074 A67-27495
- MINNICK, W. A.**
Computer model of image structure. 18 p3007 A67-34599
- MINNINGERODE, G. V.**
Contact effects in superconductivity. 02 p0291 A67-11740
- MINO, M.**
Fidelity of strain pattern and measurement of strain distribution in a plate by using diffraction grating. 05 p0918 A67-16441
- MINOH, A.**
Far-infrared and submillimeter maser oscillators with H sub 2 O and D sub 2 O. 21 p3639 A67-38253
- MINOSTSEV, V. B.**
Method for calculating supersonic three-dimensional flows past smooth bodies /Metod rascheta sverkhzvukovogo trekhmernogo obtekanija gladkikh tel/. 14 p2240 A67-27992
- MINTON, C. D. T.**
Properties and applications of titanium alloys in the aeronautics industry /Proprietes et applications des alliages de titane dans l'industrie aeronautique/. 14 p2338 A67-28628
- MINTS, R. I.**
Exoemission from ground surfaces of germanium and silicon. 02 p0296 A67-11830
- MINTS, R. S.**
Study of the Ni sub 3 Al-Ni sub 3 Ti system /Izuchenie sistemy Ni sub 3 Al-Ni sub 3 Ti/. 13 p2142 A67-27286
- MINTZER, D.**
Orthogonal polynomial solution of the Boltzmann equation for a strong shock wave. 02 p0234 A67-12541
Structure of a strong shock wave as approximated by a collisionless shock with polynomial corrections. 05 p0794 A67-17421
Energy coupling at a two-fluid plasma density discontinuity. 08 p1364 A67-21397
Equilibrium of a single-species two-temperature gas mixture. 13 p2102 A67-26972
- MIODUSZEWSKA-GROCHOWSKA, B.**
Study of the relaxation of optically pumped alkali metal vapours by the pulse method. 17 p2869 A67-32811
- MIQUEL, J.**
Glycogen accumulation in monkey and cat brain exposed to proton radiation. 04 p0560 A67-14489
Lysosomal enzymes in rats exposed to 100 per cent oxygen. 18 p2992 A67-34719
- MIR, F.**
Appearance of a distinct yield point in vanadium alloys /Ueber das Auftreten einer ausgepraegten Streckgrenze in Vanadin-Legierungen/. 05 p0828 A67-16388
- MIRA, C.**
Caratheodory equivalent formulation relative to a variational problem /Sur la formulation equivalente de Caratheodory relative a un probleme variationnel/. 09 p1483 A67-22596
Classification of automatic control systems /Classification des systemes de commande automatique/. 13 p2088 A67-26800
Method for the determination of the asymptotic stability range of a double point of a nonlinear recurrence /Methode de determination du domaine de stabilite asymptotique d'un point double d'une recurrence non lineaire/. 19 p3205 A67-35913
- MIRABEL, L.**
Rocket sequence programmers /Programmeurs de sequences pour engins/. 21 p3655 A67-38207
Analog computers for control of a multistage rocket /Calculateurs analogiques de pilotage pour engin multietage/. 21 p3655 A67-38208
- MIRAKOV, V. E.**
Conditions of solvability of the Chaplygin problem /Ob usloviakh razreshimosti zadachi Chaplygina/. 03 p0458 A67-13339
- MIRANDE, J.**
Fundamental experiments on turbulent reattachment of a supersonic jet /Experiences fondamentales sur le recollement turbulent d'un jet supersonique/. [ONERA-TP-328] 01 p0053 A67-11002
- MIRANKER, W. L.**
Parallel methods for the numerical integration of ordinary differential equations. 18 p3072 A67-34395
- MIRELS, H.**
Flow nonuniformity in shock tubes operating at maximum test times. 03 p0397 A67-14027
Hypersonic viscous interaction theory for wedge wings. 11 p1742 A67-24347
- MIRENSKII, A. V.**
A precise polarimeter and its application to study of changes of the rotation of the polarization plane of light and the rotational electrooptic effect in ferroelectrics. 21 p3631 A67-38969
- MIRER, V. S.**
Effect of ozone on the mean meridional circulation in the upper atmosphere /O vliyanii ozona na sredniyu meridional'nuyu tsirkulatsiyu v verkhnei atmosfere/. 16 p2666 A67-31098
- MIRGALOVSKAIA, M. S.**
Some features of the coherent radiation of gallium antimonide laser diodes. 01 p0087 A67-10085
- MIRIANASHVILI, M. M.**
Mixed cadmium ferrites of spinel structure /Smeshannyye kadmievyye ferrity shpnel'noy struktury/. 06 p1050 A67-18182
- MIRKIN, I. L.**
Certain features associated with the K-state in the alloys Ni-Cr, Ni-Cr-Mo and Fe-Ni-Cr-Mo. 04 p0635 A67-14429
The kinetics of structural changes and failure of heat-resistant metals during prolonged testing /Kinetika strukturnykh prevrashchenii i razrusheniya zharoprochnykh splavov pri dlitel'nykh ispytaniyakh/. 22 p3818 A67-39320
- MIRKIN, L. I.**
Principal forms of disintegration of organic glass under the effect of pulsed laser beams /Osnovnye vidy razrusheniya

- organicheskogo stekla pri vozdelstvii impul'snykh svetovyykh luchel/. 02 p0257 A67-12241
- Effect of a laser light beam on organic glass /Deistvie svetovogo luchu lazera na organicheskoe steklo/. 06 p1021 A67-18808
- Destruction of transparent materials by laser radiation - Formation of gas bubbles and wedging of the material by gas pressure. 09 p1516 A67-22660
- Strengthening of steels with laser beams. 12 p1955 A67-25372
- MIRON, Y.**
Preignition phenomena in small A-50/NTD pulsed rocket engines. [ATAA PAPER 67-516] 18 p3114 A67-33979
- Combustion characteristics of condensed-phase hydrazine-type fuels with nitrogen tetroxide. 21 p3687 A67-37798
- MIRONENKO, I. G.**
Synthesis of a finite-aperture antenna radiating a maximum portion of power into a given solid angle of space /Sintez anteny konechnoi apertury, izluchalushchei maksimal'nulu doliu moshchnosti v zadannyi telesnyi ugol prostranstva/. 14 p2283 A67-28274
- MIRONOV, B. B.**
Calculation of turbulent heat transfer at a semipermeable surface during injection of a foreign gas /K raschetu turbulentnogo teploobmena na polupronitsaemoi poverkhnosti pri vduve inorodnogo gaza/. 05 p0927 A67-17000
- MIRONOV, B. P.**
Turbulent boundary layer of a dissociated gas at the inlet section of a tube /Turbulentnyi pogrannichnyi sloi dissozirovannogo gaza v nachal'nom uchastke truby/. 11 p1782 A67-24961
- Turbulent boundary layer in a supersonic diffuser. 24 p4144 A67-42586
- MIRONOV, O. M.**
Permeance of a cylindrical permanent magnet used as the rotor of an electromagnetic induction pump /Provodimost' tsilindricheskogo postolannogo magnitotora induktsionnogo elektromagnitnogo nasosa/. 06 p0951 A67-18685
- MIRONOV, O. N.**
Theoretical and experimental investigation of the current-voltage characteristics of a lithium-plasma source /Raschetnoe i eksperimental'noe issledovanie volt-ampernykh kharakteristik istochnika litievoi plazmy/. 17 p2906 A67-33089
- MIRONOV, S. A.**
Excitation of magnetoelastic waves. 16 p2733 A67-31733
- MIRONOV, V. F.**
Solution of the differential equations of heat and mass transfer for laminar flow of a binary gas mixture over a flat plate. 14 p2242 A67-28307
- MIROSHNICHENKO, I. M.**
Effectiveness of a coherent radar in the reception of partially coherent packages /Effektivnost' kogerentnogo radiolokatora pri prieme chastichnokogereyentnykh pachek/. 07 p1139 A67-19230
- MIROSHNICHENKO, I. U. D.**
Thermal stresses in nozzle blades of a gas turbine under unstable thermal conditions /Temperaturnye napriazheniya v soplovykh lopatkakh gazovoi turbiny pri neustanovivshikhsia teplovykh rezhimakh/. 03 p0429 A67-13332
- MIROSHNICHENKO, L. I.**
Solar cosmic rays from the flare of 28 September 1961 and the properties of interplanetary space. 02 p0310 A67-12575
- Method of determining solar cosmic-ray spectra in the high-energy range. 07 p1243 A67-19805
- Sounding of interplanetary space by solar cosmic rays. 12 p1991 A67-25111
- Dependence of the diffusion coefficient of solar cosmic rays on the distance from the sun /O zavisimosti koeffitsienta diffuzii solnechnykh kosmicheskikh luchel ot rassstolaniya do solntsa/. 16 p2740 A67-31892
- Feasibility of a collective irruption of solar cosmic rays into the earth's magnetosphere /O vozmozhnosti kollektivnogo vtorzheniya solnechnykh kosmicheskikh luchel v magnitosferu zemli/. 16 p2740 A67-31899
- Some questions concerning the observation of solar cosmic rays /Nekotorye voprosy issledovaniya solnechnykh kosmicheskikh
- luchel/. 17 p2934 A67-32096
- MIROSHNICHENKO, V. I.**
Electromagnetic properties of a semi-bounded plasma with diffuse reflection of electrons from the boundary. 06 p1039 A67-18079
- MIROTVORSKII, V. S.**
Use of ultrasound in metal research and heat treatment of metals /Primenenie ul'trazvuka v metallovedenii i termicheskoi obrabotke metallov/. 01 p0095 A67-10640
- Use of ultrasonics in metal science and heat treatment of metals. 18 p3066 A67-34404
- MIROVITSKII, D. I.**
Conception of partial waves and a method of successive approximations in the solution of problems of the analysis and synthesis of optically inhomogeneous media /Konceptsiya partial'nykh voln i metod posledovatel'nykh priblizhenii pri reshenii zadach analiza i sinteza opticheskii neodnorodnykh sred/. 03 p0467 A67-12893
- Inverse problem of the scattering theory. 05 p0765 A67-17158
- Partial waves and successive approximations applied to the analysis and synthesis of optically nonuniform media. 06 p1034 A67-18814
- Application of asymptotic methods of the theory of nonlinear oscillations to the problem of wave propagation in an inhomogeneous medium /Primenenie asimptoticheskikh metodov teorii nelineynykh kolebani k zadache rasprostraneniya voln v neodnorodnoi srede/. 06 p1034 A67-18814
- MIROWITZ, L. I.**
Development planning for a planetary entry vehicle. [AAS PAPER 66-57] 07 p1259 A67-19994
- MIRSAGATOV, SH. A.**
Negative differential resistances and inductive effects in silicon carbide /Otritsatel'nye differentsial'nye soprotivleniya i induktivnye efekty v karbide kremniya/. 04 p0679 A67-15136
- MIRSKII, G. IA.**
Experimental determination of overshoot duration distributions in random processes. 03 p0369 A67-13586
- MIRSKII, L. M.**
Effect of high-temperature thermomechanical treatment on the fine structure and mechanical properties of titanium alloys /Vliyanie vysokotemperaturnoi termomekhanicheskoi obrabotki na tonkulu strukturu i mekhanicheskie svoystva titanovykh splavov/. 01 p0095 A67-10641
- Effect of high-temperature thermomechanical treatment on the fine structure and mechanical properties of titanium alloys. 18 p3066 A67-34405
- MIRTICH, M. J.**
The performance of n/p silicon and CdS solar cells as affected by simulated micrometeoroid exposure. 13 p2056 A67-27440
- Effect of simulated micrometeoroid exposure on performance of N/P silicon solar cells. 15 p2423 A67-30219
- The performance of n/p silicon and CdS solar cells as affected by simulated micrometeoroid exposure. 23 p3941 A67-41521
- MIRTOV, B. A.**
Altitude of the level of gravitational division /O vysote urovnia gravitatsionnogo razdeleniya/. 05 p0800 A67-17124
- Analysis of experimental data on the concentrations of O sub 1 and O sub 2 above the level of gravitational separation. 07 p1178 A67-19814
- Photochemical equilibrium of atmospheric oxygen at heights exceeding 150 km. 07 p1178 A67-19814
- Study of the composition of the atmosphere at altitudes from 60 to 100 km /Ob issledovanii sostava atmosfery v oblasti vysot 100-60 km/. 09 p1491 A67-21895
- Height of the gravitational separation level. 21 p3618 A67-38467
- MISAK, V. V.**
Periodic solutions for difference-differential autonomous systems with one degree of freedom /Periodicheskie resheniya differentsial'no-raznostnykh avtonomnykh sistem s odnoi stepen'yu svobody/. 01 p0113 A67-10290
- MISAWA, T.**
Continuous oscillations at millimeter wavelengths with silicon avalanche diodes. 24 p4133 A67-42815
- MISEK, K.**
On the methods of measuring changes of electrical resistivity. 08 p1368 A67-20717
- MISELIUK, O. G.**
Characteristics of contacts sealed in germanium of high electron conductance, in strong electrical fields /Deiaki vlastivosti kontaktiv, vplavlenikh v germanii z elektronnoi providnistiu, v sil'nykh elektrichnykh polakh/. 02 p0300 A67-12480
- Electrical properties of Au-doped CdSb at low temperatures /Elektrichni vlastivosti CdSb, legovanogo Au, pri niz'kikh temperaturakh/. 14 p2372 A67-28757
- MISEROCCHI, G.**
Forces deforming the rib cage. 07 p1133 A67-19480
- MISEVICH, K. W.**
The impact of opposing axially symmetric jets. 14 p2303 A67-28331
- MISEZHNIKOV, G. S.**
Ruby maser operating in the 8 mm range. 24 p4167 A67-42238
- MISHCHENKO, L. G.**
Certain peculiarities of the interaction of pions and nucleons with nuclei /Nekotorye osobennosti vzaimodelstviya pionov i nuklonov s iadrami/. 02 p0316 A67-12761
- Absorption of the energy flux of the nuclear component in iron /Pogloshchenie potoka energii iadernoi komponenty v zheleze/. 02 p0316 A67-12762
- Some peculiarities of interaction of pions and nucleons with nuclei. 22 p3876 A67-40263
- Absorption of the nuclear-component energy flux in iron. 22 p3842 A67-40264
- Angular distribution of secondary particles in showers /Uglovoe raspredelenie vtorichnykh chastits v livnyakh/. 24 p4217 A67-42829
- MISHCHENKO, V. M.**
Magnetic measurements in a coaxial source /Magnitnye izmereniya v koaksial'nom istochnike/. 04 p0667 A67-15212
- Some aspects of plasma acceleration in a coaxial source /Nekotorye voprosy uskorennya plazmy v koaksial'nom istochnike/. 15 p2525 A67-29251
- Magnetic measurements in a coaxial plasma gun. 15 p2532 A67-30260
- MISHIN, G. I.**
Hermetically sealed ballistic facility /Germetizirovannaia ballisticheskaya ustanovka/. 16 p2655 A67-31115
- A firing range for aerodynamic studies /Poligon dlia aerodinamicheskikh issledovani/. 16 p2655 A67-31116
- An automatic synchronizing apparatus for ballistic studies /Avtomaticheskaya sinkhronizirushchaya apparatura dlia ballisticheskikh issledovani/. 16 p2674 A67-31118
- A memory device for a matrix time meter /Zapominalushchee ustroistvo dlia matrichnogo izmereniya vremeni/. 16 p2674 A67-31119
- A device for measuring the coordinates of the center of gravity of a body in space from a photograph /Prisposoblenie dlia izmereni koordinat tsentra tiazhesti tela v prostranstve po fotografii/. 16 p2674 A67-31120
- A simple method for calculating the drag coefficient from a given space-time dependence /Prostoi metod rascheta koeffitsienta soprotivleniya po dannym prostranstvenno-vremennoi zavisimosti/. 16 p2592 A67-31121
- Dependence of the drag coefficient of a sphere at supersonic velocities on the specific-heat ratio of the medium /Zavisimost' koeffitsienta soprotivleniya sfery pri sverkhzvukovykh skorostyakh ot otnosheniya udel'nykh teploemkostei sredy/. 16 p2593 A67-31122
- Measurement of pressure at the stagnation point of bodies in free flight /Izmerenie davleniya v kriticheskoi tochke na svobodno letashchikh telakh/. 16 p2593 A67-31123
- MISHIN, V. M.**
Relation between the electron concentration at heights of 100 and 110 km and the degree of perturbation of the earth's magnetic field /O svyazi elektronnoi kontsentratsii na vysotakh 100 i 110 km s vozmushchennost'yu magnitnogo polia zemli/. 05 p0801 A67-17143
- Currents producing magnetic disturbances at middle latitudes. 07 p1174 A67-19709
- Two quasi-circular zones of maximum magnetic activity. 07 p1178 A67-19825

- Relation of electron concentration at heights of 100 and 110 km to geomagnetic field disturbance. 21 p3619 A67-38485
- MISHINA, N. A.**
Semianual variations of magnetic activity /Polugodovaya variatsia magnitnoi aktivnosti/. 10 p1630 A67-22796
Semianual variation of magnetic activity. 24 p4149 A67-42132
- MISHKIN, E. A.**
Characteristic states of the electromagnetic radiation field. 06 p1036 A67-18367
- MISHRA, C. B.**
Stress distribution around curvilinear holes in thin plates. 16 p2766 A67-31100
- MISHRIKY, A.**
Surface photopotential of single crystals of cadmium sulphide in an alternating electric field. 01 p0134 A67-10807
- MISHUK, V. IA.**
Determination of the heat of fusion of titanium /Opredelenie teploty plavlenia titana/. 10 p1670 A67-23640
- MISHUSTIN, B. A.**
Expansion of an arbitrary function in terms of Bessel function of complex index /O razlozhenii protivnoi funktsii po funktsiiam Bessela kompleksnogo indeksa/. 06 p1024 A67-18555
Radiation from the aperture of a circular waveguide with an infinite flange. 08 p1302 A67-20825
Expansion of an arbitrary function in terms of Bessel functions of complex order. 23 p4022 A67-40821
- MISIURA, V. A.**
Electron concentration in the external ionosphere measured by observing the coherent signals of the Cosmos and Elektron earth satellites /Ob elektronnoi konsentratsii vneshei ionosfery, izmerennoi po nabludeniiu kogerentnykh signalov sputnikov zemli "Kosmos" i "Elektron"/. 02 p0192 A67-11658
Unsteadiness of the ionosphere /O nestatsionarnosti ionosfery/. 02 p0237 A67-11671
Accuracy of the determination of the electron concentration in the ionosphere by the coherent frequency method /O tochnosti opredelenia elektronnoi konsentratsii v ionosfere metodom kogerentnykh chastot/. 09 p1491 A67-21893
Measurement of the total number of electrons in the ionosphere and the gradients of this number from recorded Elektron satellite signals /Izmerenie polnogo chisla elektronov v ionosfere i ego gradientov po registratsii signalov sputnikov "Elektron"/. 14 p2307 A67-27922
Electron concentration in the outer ionosphere, measured from observations of coherent signals from the Cosmos and Elektron satellites. 18 p2624 A67-31073
Variability of the ionosphere. 16 p2665 A67-31086
Method of performing ionospheric measurements with the aid of incoherently scattered radio signals /K metodike ionosfernykh izmerenii po nekogerentno rasselannym radiosignalam/. 16 p2632 A67-31901
- MISKA, E.**
Structure of thin tungsten films /Structure des films minces de tungstene/. 15 p2535 A67-29477
- MISLOW, K.**
Meteorites - Optical activity in organic matter. 03 p0510 A67-13592
- MISME, P.**
Effect of the nonionized atmosphere on measurements of the Doppler-Fizeau effect - Case of satellite tracking /Effet de l'atmosphère non ionisée sur la mesure de l'effet Doppler-Fizeau - Cas de location d'un satellite/. 03 p0369 A67-13530
Experimental study of the propagation of millimeter waves in the 5-and 3-mm bands /Etude expérimentale de la propagation des ondes millimétriques dans les bandes de 5 et 3 mm/. 18 p3002 A67-34230
- MISNER, C. W.**
Gravitational field equations for sources with axial symmetry and angular momentum. 11 p1819 A67-24597
Transport processes in the primordial fireball. 11 p1867 A67-24838
- MISON, K.**
The relativistic rotation of the perigee of an artificial earth satellite /Relativistické stáčení perigea umele družice zeme/. 09 p1563 A67-21658
The advantages of a multistage rocket compared to a single-stage rocket /Vorteile einer mehrstufigen Rakete im Vergleich mit einer einstufigen Rakete/. 20 p3534 A67-37297
- MISRA, K. D.**
Formation of equatorial electrojet current layers. 13 p2114 A67-26793
Effect of ionospheric irregularities on lateral deviation of radio waves reflected from the ionosphere. 18 p3004 A67-34617
Role of electric field generated in the equatorial electrojet. 21 p3617 A67-38066
- MISRA, R. P.**
New methods for predicting electronic reliability. 01 p0042 A67-11372
- MISSALL, E.**
An integrated software system for hybrid flight simulation - The Boeing hybrid simulator. 05 p0789 A67-17515
- MISTEREK, J.**
Heat-flux measurements at the insulation of cryogenic-propellant tanks /Die Messung des Waermeflusses an der Isolierung von Tanks fuer kryogene Treibstoffe/. 13 p2222 A67-26580
- MISU, A.**
Magneto-optical studies of exciton effects in layer-type semiconductor. 06 p1060 A67-18917
- MITCHAM, G. L.**
Research and system requirements for a lunar scientific laboratory. 04 p0597 A67-15063
- MITCHEL, B. J.**
Evaluation of ablative composites containing high-reflectance fillers in simulated superorbital reentry. [AIAA PAPER 67-154] 06 p1020 A67-18292
- MITCHELL, A. C.**
Stimulated Brillouin scattering in shock-compressed fluids. 01 p0116 A67-10338
- MITCHELL, A. R.**
Two-level difference schemes for hyperbolic systems. 03 p0460 A67-13880
Some computational results of an improved A.D.I. method for the Dirichlet problem. 08 p1299 A67-21257
Some high accuracy difference schemes with a splitting operator for equations of parabolic and elliptic type. 15 p2510 A67-29520
Finite difference solution of the third boundary problem in elliptic and parabolic equations. 15 p2510 A67-29521
- MITCHELL, C. C.**
Development of a high-speed linear bearing for catapults. 12 p1948 A67-25328
- MITCHELL, D. F.**
Scientific missions for extended lunar space exploration. 06 p1393 A67-21090
Scientific missions for manned lunar operations. 09 p1568 A67-22408
- MITCHELL, D. G.**
A method of calculating the wall pressure distribution in a turbulent reattachment bubble. 08 p1320 A67-20451
Fluidic circuits used in a drilling sequence control. 08 p1281 A67-20458
- MITCHELL, D. R.**
Welding of alpha-beta titanium alloys in one inch plate. 14 p2327 A67-28821
- MITCHELL, E. E. L.**
Low level light intensity measurement from repetitive signals. 02 p0243 A67-12185
- MITCHELL, E. W. J.**
Edge absorption and photoluminescence in disordered gallium arsenide. 06 p1062 A67-18933
- MITCHELL, F. H., JR.**
Communication-system blackout during reentry of large vehicles. 15 p2434 A67-29168
- MITCHELL, G. F.**
Red-shifts and power outputs of quasi-stellar radio sources. 01 p0149 A67-10889
- MITCHELL, H. P.**
Analytical development of mathematical model for response of Saturn IB launch vehicles to inflight winds, flexible and rigid body. 10 p1713 A67-23750
- MITCHELL, J. C.**
Systems evaluation of advanced structures and materials in future launch vehicles. 10 p1723 A67-23699
- MITCHELL, J. P.**
Surface effects of radiation on semiconductor devices. 06 p1054 A67-18822
The X-ray vidicon television image system. 10 p1622 A67-22929
- Applications of an X-ray sensitive television system for nondestructive testing. [SAE PAPER 670362] 12 p1950 A67-25882
- MITCHELL, J. R.**
Aerospace vehicle simulation and checkout. 03 p0399 A67-14210
- MITCHELL, M. A.**
Superconducting-and normal-state thermal conductivity of impure tin. 10 p1687 A67-22761
- MITCHELL, P. M.**
Molecular oxygen density and ultra-violet absorption in the southern atmosphere. 12 p1934 A67-25786
- MITCHELL, R. C.**
Zero-G hydrogen tank venting systems. 13 p2057 A67-27640
- MITCHELL, R. H.**
Management of facility systems development, design and acquisition in the ballistic systems program. 05 p0929 A67-16620
Zero-transient switching of a subharmonic parametric oscillator. 20 p3395 A67-36314
- MITCHELL, R. L.**
Effect of a turbulent medium on the power pattern of a wavefront-tracking circular aperture. 06 p1033 A67-18538
Detection probabilities for log-normally distributed signals. 07 p1144 A67-19868
Power pattern degradation for weighted circular apertures in a turbulent atmosphere. 09 p1462 A67-21610
Millimeter-wave applications in atmospheric research. 13 p2072 A67-27493
Radar waveforms for suppression of extended clutter. 16 p2625 A67-31270
A computerized 3-D plotting program. 24 p4125 A67-42430
- MITCHELL, R. R.**
A 28 volt logic microcircuit. 16 p2642 A67-31725
- MITCHELL, T. E.**
Dislocation arrangements in tantalum single crystals deformed in tension at 373 deg K. 01 p0092 A67-10057
Mechanical properties of some tantalum alloys. 11 p1810 A67-25091
- MITCHELL, T. P.**
The structural and librational dynamics of a satellite deploying flexible booms or antennas. [AIAA PAPER 67-43] 06 p1095 A67-18264
Resonant oscillations of a flexible satellite in an elliptic orbit. 15 p2572 A67-30195
The influence of material elasticity on satellite motions. 16 p2761 A67-30743
- MITCHELL, W. H.**
Hall effect and extrinsic photoconductivity in n-type InSb. 03 p0487 A67-12808
- MITCHELL, W. I.**
Lunar Orbiter Attitude Control System. [AIAA PAPER 67-533] 19 p3334 A67-35935
- MITCHNER, M.**
Convergence of successive approximations to the scalar electrical conductivity of some weakly ionized real gases. 06 p1046 A67-18872
Electrostatic probes for diagnostics in a collision-dominated weakly ionized plasma. 09 p1539 A67-21782
Electron-transport coefficients for two-temperature plasmas. 12 p1973 A67-25397
Electrical conductivity of a partially ionized gas in a magnetic field. 15 p2523 A67-29218
Examination of the validity of the Saha equation in a gas discharge. 16 p2710 A67-30518
Nonuniform electrical conduction in MHD channels. 17 p2906 A67-33011
Microwave measurement of the electron density in an expanding flow. [AIAA PAPER 67-704] 21 p3872 A67-38731
- MITIAKOV, N. A.**
Results of investigation of the distribution of the ionospheric electron concentration by the surface reception of radio signals from the artificial earth satellite "Elektron-1." 11 p1786 A67-24073
Results of polar ionosphere investigation by means of "Explorer-22" radio signals /Rezultaty issledovaniia poliarnoi ionosfery po radiosignalam ISZ "eksplorer-22"/. 22 p3794 A67-40121
- MITIAKOVA, E. E.**
Results of investigation of the distribution of the ionospheric electron concentration by the surface reception of radio signals from the artificial earth satellite "Elektron-1." 11 p1786 A67-24073
The state of the ionosphere according to the results of observations of the Elektron 1

- and Elektron 3 satellites /Sostoiannie ionosfery po rezul'tatam nabludenii za sputnikami "Elektron 1" 1 "Elektron 3"/. 22 p3760 A67-39734
- Results of polar ionosphere investigation by means of "Explorer-22" radio signals /Rezultaty issledovaniia polarnoi ionosfery po radiosignalam ISZ "eksplorer-22"/. 22 p3794 A67-40121
- MITIASHKIN, D. Z.**
Production of gas-turbine engines /Proizvodstvo gazoturbinnyykh dvigatelei/. 11 p1798 A67-24516
- MITIN, R. V.**
High-pressure pulsed arc in helium and hydrogen /Impul'snaia duga vysokogo davleniia v geli 1 vodorode/. 16 p2717 A67-31183
- Pulsed arc in argon at pressures up to 10 super 8 newton/m super 2 /Impul'snaia duga v argone pri davleniakh do 10 super 8 n/m super 2/. 16 p2717 A67-31184
- High-pressure electrodeless discharge and its magnetic properties /Bezelektroodnyi razriad vysokogo davleniia i ego magnitnye svoystva/. 16 p2717 A67-31185
- Pulsed high-pressure arc in helium and hydrogen. 22 p3845 A67-39428
- Pulsed arc in argon at pressures up to 10 super 8 N/m super 2 /1000 atm/. 23 p4035 A67-41686
- MITIN, V. N.**
Detuning of vibration systems as a convex programming problem. 08 p1353 A67-20837
- MITINA, N. I.**
Coaxial plasma source with a superimposed azimuthal magnetic field /Koaksial'nyi istochnik plazmy s nalozhennym azimutal'nym magnitnym polem/. 15 p2528 A67-29254
- Measurement of theta-pinch parameters in an azimuthal magnetic field /Izmerenie parametrov theta-pinch v azimutal'nom magnitnom pole/. 16 p2718 A67-31187
- MITIUGOV, V. V.**
Optimal filtration when allowing for quantum effects /Optimal'nala fil'tratsiia pri uchete kvantovyykh effektiv/. 18 p2999 A67-33533
- MITURINA, V. E.**
Questions in the dynamics of self-adjusting systems with frequency characteristic stabilization. I. 03 p0390 A67-13101
- Some problems concerning dynamics of self-adaptive systems with frequency-characteristic stabilization. II. 06 p0976 A67-18405
- MITJAKOV, N. A.**
Intensity-measurements of radiation at frequencies 725 and 1,525 kc, by means of the receiver on the satellite "Electron-2." 12 p1995 A67-25769
- MITOIAN, S. V.**
Study of high-energy gamma-quanta produced during nuclear interactions /Issledovanie vysokoenergichnykh gamma-kvantov, generirovannykh v iadernykh vzaimodelstviakh/. 24 p4218 A67-42835
- MITRA, A. P.**
An ionospheric estimate of nitric oxide concentration in the D-region. 01 p0056 A67-10111
- Multifrequency observations of sudden cosmic noise absorption and X-ray flares. [RASSA PAPER 1-10-139] 03 p0373 A67-14247
- Determination of loss coefficient and vertical transport velocity in the ionospheric F-region. 06 p0995 A67-17971
- A comparative study of solar flare X-ray measurements from satellites and sudden ionospheric disturbances. 12 p1905 A67-25801
- MITRA, D. N.**
Bending of a simply-supported shallow spherical shell under a uniform line load on a part of a parallel circle. 09 p1573 A67-21864
- MITRA, R. N.**
Cut-off frequency of a diffusion transistor. 03 p0382 A67-13685
- Cut-off frequency of a drift transistor. 11 p1759 A67-24143
- On the h-parameters of a transistor having nonuniform base width. 18 p2635 A67-30795
- MITRA, S. K.**
Work hardening and recovery in creep. 04 p0640 A67-15623
- MITRA, S. S.**
Optically-active multiphonon processes in II-VI semiconductors. 06 p1059 A67-18909
- MITRA, V.**
Enhancement of LiI line /8708 angstrom units/ in the twilight airglow due to thermonuclear explosion. 06 p0998 A67-18705
- MITROFANOV, A. S.**
Investigation of laser action in ruby and neodymium glass in the case of alexicon pumping /Issledovanie generatsii v rubine i neodimovom stekle pri aksikonnoi nakazhke/. 16 p2684 A67-30460
- MITROFANOV, L.**
The secretory activity of algal cells in buffered media. 21 p3573 A67-37729
- MITROFANOV, N. K.**
Determination of the electron energy distribution function for a noisy plasma. 20 p3498 A67-36687
- MITROKHIN, V. T.**
Selection of parameters and calculation of centripetal turbines /Vybor parametrov i raschet tsentrostremitel'noi turbiny/. 07 p1239 A67-19298
- MITRONOVAS, W.**
Short-period seismic energy radiation patterns from underground nuclear explosions and small-magnitude earthquakes. [SR-1] 20 p3434 A67-37430
- MITROPOLSKAIA, O. N.**
Differences in the profiles of two infrared hydrogen lines in a facula and in the photosphere /Razlichie profilov dvukh infrakrasnykh lini vodoroda v faze i fotosfere/. 02 p0308 A67-12488
- Profile of the lambda 12, 818 angstrom units Paschen line in the solar spectrum. 04 p0702 A67-15587
- Differences between the profiles of two infrared hydrogen lines in a facula and the photosphere. 10 p1702 A67-23356
- MITROPOLSKII, I. U. A.**
Averaging method in non-linear mechanics. 11 p1818 A67-24089
- Application of the averaging principle to the investigation of the influence of random effects on oscillatory systems /Primenenie printsipa usredneniia k issledovaniu villanliia sluchainykh vozdelstvi na kolebatel'nye sistemy/. 17 p2885 A67-32878
- Investigation of nonlinear differential equations in a Hilbert space /K voprosu issledovaniia nelineynykh differentsial'nykh uravnenii v Gil'bertovom prostanstve/. 17 p2879 A67-32879
- Construction of solutions of linear differential equations with quasi-periodic coefficients /K voprosu postroeniia reshenii lineynykh differentsial'nykh uravnenii s kvazi-periodicheskimi koeffitsientami/. 17 p2879 A67-32880
- MITSEK, A. I.**
Spin-wave theory of thin ferromagnetic films /O spinvolnovoi teorii tonkikh ferromagnitnykh plenok/. 12 p1981 A67-25239
- MITSEKOVICH, P. K.**
Effect of an electric field on the electrical conductivity of solid and liquid organic semiconductors /Vliianie elektricheskogo polia na elektroprovodnost' tverdykh i zhidkikh organicheskikh poluprovodnikov/. 06 p1049 A67-17857
- Behavior of the electrical conductivity on melting in an organic semiconductor. 20 p3508 A67-36404
- Conductivity and IR spectra of organic semiconductors in liquid state /Provodimost' i IK-spektry organicheskikh poluprovodnikov v zhidkom sostoianii/. 22 p3861 A67-39922
- MITSUISHI, A.**
Infrared absorption of localized vibration due to lithium in zinc selenide and cadmium sulfide. 06 p1059 A67-18911
- Infrared lattice reflection spectra of II-VI compounds. 16 p2724 A67-30603
- MITSUK, V. E.**
On the ionization of a gas in a focused laser beam. 19 p3239 A67-35166
- MITTAL, R. S.**
Nonlinear generation of combination frequencies in a homogeneous magnetoplasma. 13 p2187 A67-26994
- MITTER, S.**
The method of conjugate gradients for optimal control problems. 01 p0044 A67-10483
- MITTER, S. K.**
The conjugate gradient minimization method in function space. 08 p1310 A67-20337
- The conjugate gradient method for optimal control problems. 15 p2456 A67-29362
- MITTLEMAN, M. H.**
Resonances in proton-hydrogen and positron-hydrogen scattering. 04 p0682 A67-15768
- Pressure shifts of highly excited states of atoms. 23 p4029 A67-40958
- MITTRA, R.**
Field-strength measurements in a multipath field using linear and circular probing. 07 p1142 A67-19448
- Boundary-value problems associated with source-excited planar-equilateral-spiral antennas. 09 p1482 A67-22696
- A study of the sheath helix with a conducting core and its application to the helical antenna. 11 p1760 A67-24277
- Acoustic waves and their effects on antenna impedance. 11 p1769 A67-25030
- Transient radiation of an electric dipole in a uniaxially anisotropic plasma. 20 p3388 A67-37704
- Mode matching method for anisotropic guides. 20 p3407 A67-37712
- Aspects of microwave holography. 21 p3626 A67-38063
- Film resolution and holographic recordings. 22 p3796 A67-39259
- Scattering of electromagnetic waves by a moving cylinder in free space. 22 p3760 A67-39623
- Discontinuity problem in an anisotropic waveguide. 23 p3973 A67-40680
- Radiation impedance approach to the analysis of a thin film inductor in a microwave integrated circuit. 24 p4128 A67-41924
- MITZNER, K. M.**
Numerical solution for transient scattering from a hard surface of arbitrary shape - Retarded potential technique. 21 p3658 A67-39058
- MIULLER, R. L.**
Investigation of the electric conductivity of the arsenic-sulfur-germanium system in the vitreous state. 06 p1052 A67-18610
- Electric conductivity of complex potassium-titanium-lead glasses. 06 p1053 A67-18613
- Investigation of the electric conductivity of the arsenic-sulfur system in the vitreous state. 06 p1053 A67-18614
- MIURA, R. M.**
Asymptotic theory for linearized near-continuum gas flows. 13 p2101 A67-26964
- MIURA, T.**
Large-signal transient response of the junction transistor - Variation of switching time with driving current. 10 p1603 A67-22772
- Elf noise-bursts and enhanced oscillations associated with the solar-flare of July 7, 1966. 10 p1700 A67-23057
- Solution of optimal control problems using hybrid computers. 11 p1770 A67-24426
- MIURA, Y.**
Instabilities of MOS structure. 16 p2724 A67-30602
- Instabilities of clean MOS structure. 22 p3774 A67-40461
- MIUSKOV, V. F.**
X-ray diffraction investigations of the dislocation structure of silicon crystals /Rentgenodifraktsionnoe izucheniie dislokatsionnoi struktury kristallov kremnia/. 05 p0860 A67-16078
- MIXON, L. C.**
Wind-tunnel and full-scale forces on rocket sleds. 22 p3780 A67-40095
- MIXSON, J. S.**
Modes of vibration of conical frustum shells with free ends. [AIAA PAPER 66-450] 08 p1424 A67-21533
- MIYA, K.**
Characteristics of ionospheric E sub s propagation and calculation of E sub s signal strength. 04 p0576 A67-15503
- MIYAGI, M.**
Star system. III. 13 p2068 A67-26719
- MIYAGI, T.**
Oseen flow past a finite flat plate. 02 p0234 A67-12546
- MIYAHARA, A.**
Experimental study of electrostatic ion cyclotron waves in a plasma. 21 p3667 A67-38407
- MIYAI, Y.**
An approximate calculating method of the flow for a thin jet-flapped wing with a small deflection angle in proximity of the ground. 15 p2415 A67-29308
- MIYAJIMA, K.**
Some consideration on the controllability limit of a human pilot. 05 p0757 A67-17354
- MIYAKE, M.**
A constant temperature wind component meter and its performance characteristics. 10 p1654 A67-22822

- MIYAKE, S.
Studies of cosmic ray neutrino interactions in the Kolar gold field experiment. 24 p4210 A67-42582
- MIYAKE, T.
High-field Hall effect of semiconducting Cds. 10 p1889 A67-22908
- MIYAKOSHI, K.
Generalized analysis of output signal of switched mode amplifier. 07 p1154 A67-19656
- MIYAMA, H.
A shock-tube study of the ammonia-oxygen reaction. 18 p3155 A67-33836
- MIYAMATSU, Y.
Research on theoretical flow-models for externally pressurized gas-bearings. II. 23 p4010 A67-41064
Research on theoretical flow-models for externally pressurized gas-bearings. III. 23 p4010 A67-41065
- MIYAMOTO, S.
Lunar and Martian crusts and mantle convection. 08 p1397 A67-21208
Some geological aspects of the lunar crust - An interpretation of photographs taken by Ranger, Surveyor and Orbiter probes. 23 p4065 A67-40953
- MIYASAKI, M. T.
An airborne meteorological laboratory for microscale measurements. 04 p0649 A67-14686
- MIYATA, T.
Large-signal transient response of the junction transistor - Variation of switching time with driving current. 10 p1603 A67-22772
- MIYAZAKI, S.
Direct observations of the ionosphere by sounding rockets during the IQSY. 01 p0060 A67-10335
Ionospheric measuring probe. 01 p0064 A67-10565
Direct observations of the ionosphere by sounding rockets - Results of charged particle density measurements during IQSY. 05 p0798 A67-16860
Direct observation of the ionosphere by sounding rockets during IQSY. 07 p1186 A67-19677
Direct observations of the ionosphere with sounding rockets, K-9M-15, L-3H-1 and L-3H-2. 10 p1633 A67-22948
Direct observations of the ionosphere by sounding rockets K-9M-15, L-3H-1 and L-3H-2. 11 p1787 A67-24643
Relation between the sunspot number and the charged particle density in the upper ionosphere. 19 p3218 A67-35222
Direct observation of the ionosphere with sounding rocket K-9M-20. 23 p3997 A67-41478
Direct observation of the ionosphere with sounding rocket K-9M-20. 24 p4150 A67-42151
- MIYAZAKI, Y.
Electrons and gamma rays in the space under the inner radiation belts. 05 p0883 A67-16878
- MIYAZAWA, H.
Non-ohmic properties in n-type InSb. 21 p3683 A67-38405
- MIYAZAWA, M.
Foreshortening effect on the apparent area of solar flare. 20 p3518 A67-36841
- MIYOSHI, H.
Characteristic method for 2-dimensional quasi-linear hyperbolic systems. 05 p0834 A67-16436
- MIYOSHI, S.
Determination of electron density in magneto-plasma with electrostatic probe. 14 p2358 A67-28237
- MIZ, L. N.
Effect of librations on the radius of the moon according to the heliometric observations of Schlueter /Libratsionnyi effekt v radiuse luny iz geliometricheskikh nabludenii Shluter/. 17 p2950 A67-33126
- MIZEL, V. J.
Breakdown of laminar shearing flows for second-order fluids in channels of critical width. 05 p0792 A67-18724
Existence of entropy as a consequence of asymptotic stability. 18 p3160 A67-34285
Existence and nonexistence in the large of solutions of quasilinear wave equations. 18 p3072 A67-34288
- MIZOGUCHI, K.
Vibration of a cylindrical shell containing a flowing fluid. 13 p2215 A67-26528
On thermoelasticity of cylindrical shells. 17 p2958 A67-32034
- MIZUGUCHI, K.
Electric conduction phosphorus doped

- silicon at low temperatures. 14 p2365 A67-28232
- MIZUHARA, A.
Electrostatically-focused extended-interaction S-band klystron amplifier. 09 p1477 A67-22252
- MIZUHARA, M.
Static deflection of a parallelogrammic plate with clamped edges subjected to uniform pressure. 15 p2573 A67-29312
- MIZUN, I. U. G.
Vertical ionization drift in the F region of the ionosphere /O vertikal'nom dreife ionizatsii v oblasti F ionosfery/. 05 p0801 A67-17141
Vertical ionization drift in the F region of the ionosphere. 21 p3619 A67-36483
Equatorial anomaly of f sub 0 F2 /Ekvatorial'naya anomal'ia f sub 0 F2/. 21 p3622 A67-39036
- MIZUNO, H.
Some aspects of tunneling through junctions. 05 p0866 A67-16973
- MIZUNO, S.
Multiparameter self-adaptive control by means of pole-zero cancellation. 05 p0783 A67-16523
Optimizing control by prediction. 05 p0784 A67-16524
- MIZUSHIMA, Y.
Properties of breakdown and switching in Cds single crystals. 11 p1847 A67-24729
Breakdown characteristics of germanium bonded diode and its microwave oscillation. 12 p1914 A67-25458
Properties of avalanche injection and its application to fast pulse generation and switching. 13 p2079 A67-26872
- MIZUSHINA, T.
Turbulent heat transfer in non-Newtonian fluids /Turbulentnyi perenos tepla v nen'utonovskikh zhidkostakh/. 12 p2033 A67-25315
Turbulent heat transfer in non-Newtonian fluids. 19 p3344 A67-34869
- MIZZI, F.
Analog computer study of a plane Laplacian field according to Dirichlet data - Flow around a variable profile /Etude sur calculateur analogique d'un champ Laplacien plan a donnees de Dirichlet - Ecoulement autour d'un profil variable/. 07 p1128 A67-20225
- MJOLNESS, R. C.
Electron distribution function in a plasma with excitation collisions. 21 p3661 A67-37746
- MKHITARIAN, A. M.
Laminar electrohydrodynamic flow in two-dimensional exit cones with allowance for pressure diffusion of the space charge. 04 p0668 A67-15277
Flow rate and pressure coefficients on the surface of a conical flow at hypersonic velocities /O koefitsienta rashkoda i davlenia po poverkhnosti toka konicheskogo techenia pri gliperzvukovykh skorostakh/. 14 p2243 A67-28656
Effect of vortex generators on the aerodynamic characteristics of a wing and a body of revolution /Vlianie vikhreobrazovatelei na aerodinamicheskie kharakteristiki kryla i tela vrashchenia/. 17 p2792 A67-32904
Study of a semibounded turbulent jet flow injected tangentially into an isobaric slipstream /K issledovaniiu techenia poluogranichennoi turbulentnoi strui, vytekavushchei tangentsial'no v sputnyi izobaricheskii potok/. 17 p2839 A67-32906
Objective information sources for automatic flow-condition indicators /Ob'ektivnye istochniki informatsii dlia avtomaticheskikh signalizatorov rezhimov obtekania/. 17 p2792 A67-32908
- MNATSAKANIAN, A. KH.
Energy exchange between electron and molecular gases /Ob obmene energiei mezhduelektronnyim i molekulyarnym gazom/. 01 p0118 A67-10044
Energy exchange between electron and molecular gases /Ob obmene energiei mezhduelektronnyim i molekulyarnym gazom/. 16 p2710 A67-30521
Exchange of energy between electron and molecular gas. 17 p2890 A67-33322
- MNEW, H.
Metal-matrix composite materials for aircraft compressor blades. 03 p0443 A67-13418
- MOACANIN, J.
Effect of polar forces on the viscoelastic properties of polypropylene oxide. /JPL-TR-32-1026/ 24 p4174 A67-41806
- MOAD, M. F.
On rational function expansion. 01 p0104 A67-10479
- MOATES, G. H.
Continuous horizontal zone refining apparatus. 02 p0247 A67-12691
- MOBERLY, W. H.
Infrared spectrum, structure, and thermodynamic properties of trifluoramine oxide, NF sub 3 O. 15 p2433 A67-29880
- MOBLEY, R.
Stagnation region gas injection in low Reynolds number hypersonic flow. 18 p2591 A67-30936
The hypersonic viscous shock layer with mass transfer. 22 p3743 A67-40417
- MOCEYUNAS, A. J.
Observations of ionospheric scintillations by VHF radar reflections from earth's satellites. [AGARDOGRAPH 95] 15 p2482 A67-30292
- MOCH, P.
Measurements of resistance and hall effect on thin films of PbTe, developed by vacuum evaporation on amorphous or oriented substrates /Mesures de resistivite et d'effet hall sur des couches minces de PbTe, realisees par evaporation sous vide sur des substrats amorphes ou orientes/. 19 p3307 A67-35795
- MOCH, T. K.
Determination of launch vehicle trajectory dispersions. [AIAA PAPER 66-483] 02 p0325 A67-11941
- MOCHALKIN, N. N.
Coherent radiation from cadmium sulfide single crystals excited by an electron beam. 17 p2915 A67-32660
- MOCK, M.
Stellar accretion and X-ray emission. 19 p3316 A67-35801
- MOCKER, H. W.
Characteristics of a lambda/2 Kerr cell ruby oscillator for use as an optical radar /LIDAR/. 02 p0198 A67-12053
- MOCKLER, R. C.
Progress in radio measurement methods and standards. 05 p0804 A67-16008
- MODEL, A. M.
Propagation of electromagnetic waves in two coupled waveguides of different cross section. 01 p0038 A67-10717
- MODEL, I. SH.
The brightness temperature of shock waves in xenon and air. 05 p0795 A67-17544
- MODENA, G.
Semiconductor generators operating between 500 and 8000 MHz /Generatori a semiconduttori operanti da 500 a 8000 MHz/. 13 p2081 A67-27204
- MODI, V. J.
On the stability of planar librations of a dumb-bell satellite in an elliptic orbit. 05 p0901 A67-17104
Stability boundaries for planar librations of a long flexible satellite. [AIAA PAPER 67-126] 06 p1095 A67-18313
The stability analysis of coupled librational motion of an axi-symmetric satellite in a circular orbit. 24 p4231 A67-42384
- MODICA, A. P.
C sub 2 F sub 4 dissociation in nitrogen shocks. 05 p0759 A67-16840
Effect of trace fluorocarbon on N sub 2 vibrational relaxation by thermochemical optical spectroscopy. 06 p0955 A67-18251
Kinetics of the difluoromethylene-nitric oxide reaction. I. 18 p2820 A67-31760
Effect of trace fluorocarbon on nitrogen vibrational relaxation. [AIAA PAPER 67-11] 17 p2809 A67-33035
Microwave measurements of nonequilibrium air plasmas behind shock waves containing electrophilic gases. 24 p4196 A67-42196
- MODISSETTE, J. L.
Solar wind induced torque on the sun. 11 p1857 A67-23931
- MOE, K.
The effect of adsorption on densities measured by orbiting pressure gauges. 20 p3450 A67-37103
- MOE, M. K.
Cosmic rays as a high-energy particle source. 17 p2863 A67-33355
- MOE, M. L.
Trajectory sensitivity of an optimal control system. 08 p1309 A67-20327

- MOE, M. M.**
The effect of adsorption on densities measured by orbiting pressure gauges. 20 p3450 A67-37103
- MOECKEL, W. E.**
Promises and potentialities of electric propulsion - Status of thruster performance. [AIAA PAPER 66-1024] 03 p0504 A67-14155
Promises and potentialities of electric propulsion status of thruster performance. 05 p0874 A67-16933
- MOEHRING, J. T.**
Fuel control system of the GE4 engine for the supersonic transport. [SAE PAPER 670326] 17 p2929 A67-32982
- MOEHRING, W.**
Similarity solutions for describing the motion of a strong compression shock in a transversely expanding gas /Ähnlichkeitslösungen zur Beschreibung der Bewegung eines starken Verdichtungsstosses in einem quer expandierenden Gas/. 13 p2094 A67-26643
- MOELDER, S.**
Internal, axisymmetric, conical flow. 15 p2418 A67-30192
Performance comparison of gun-launched scramjets for various fuels. 19 p3311 A67-34822
- MOELLER, C. E.**
Gold resistance thermometers for surface-temperature measurements of semitransparent materials - A development study. 18 p3051 A67-34505
Cold welding tendencies and frictional studies of clean metals in ultra-high vacuum. 19 p3237 A67-35839
- MOELLER, F.**
Infrared radiation, its measurement and application in the physics of the atmosphere. 14 p2311 A67-28401
Chart of the radiation balance of the earth atmosphere system for a two-week period /Eine Karte der Strahlungsbilanz des Systems Erde-Atmosphäre fuer einen 14 taegigen Zeitraum/. 20 p3431 A67-36984
- MOELLER, G.**
Recent developments in CO sub 2 lasers. 05 p0816 A67-16629
- MOELLER, H. G.**
Oblique sweep-frequency experiments over a 2000-km north-south subauroral path. 07 p1142 A67-19446
- MOELLER, J. H.**
A method of load prediction for parachutes in cluster. 17 p2797 A67-32578
- MOELLER, K. D.**
Far infrared bandpass filters and measurements on a reciprocal grid. 13 p2121 A67-27354
- MOEN, G. C.**
Station keeping studies. [AIAA PAPER 67-617] 19 p3337 A67-36006
- MOENCH, W.**
Simultaneous diffusion of Ga and As in silicon from a GaAs source /Gleichzeitige Diffusion von Ga und As in Silizium aus einer GaAs-Quelle/. 19 p3308 A67-36035
- MOENKE-BLANKENBURG, L.**
Guide to laser microemission spectrum analysis /Einfuehrung in die Laser-Mikro-Emissionsspektralanalyse/. 15 p2501 A67-30147
- MOENKE, H.**
Guide to laser microemission spectrum analysis /Einfuehrung in die Laser-Mikro-Emissionsspektralanalyse/. 15 p2501 A67-30147
- MOERL, P.**
Rocket experiment for the investigation of auroras /Raketenexperiment zur Untersuchung von Nordlichtern/. 23 p3997 A67-41333
- MOESCHWITZER, A.**
Pulse behavior of MOS-AND the depletion-layer field-effect transistors /Das Impulsverhalten des MOS-UND Sperrschichtfeldeffekt transistors/. 05 p0778 A67-17324
Static and dynamic behavior of large signals of the MOS field-effect transistor /Zum statischen und dynamischen Grosssignalverhalten des MOS-Feldeffekt Transistors/. 13 p2076 A67-26487
Analysis of the basic operating time of simply and doubly diffused transistors /Basislaufzeitanalyse einfach und doppelt diffundierter transistoren/. 19 p3195 A67-35580
- MOFFAT, D. W.**
Detailed component measurements for systems criteria by computer. 13 p2089 A67-26410
- MOFFATT, H. K.**
On the suppression of turbulence by a uniform magnetic field. 15 p2471 A67-29656
The annihilation of a two-dimensional jet by a transverse magnetic field. 24 p4198 A67-42565
- MOFFATT, W. C.**
The off-design analysis of axial-flow compressors. [ASME PAPER 66-WA/GT-1] 04 p0548 A67-15357
The off-design analysis of axial-flow compressors. [ASME PAPER 66-WA/GT-1] 24 p4092 A67-42458
- MOFFET, A. T.**
The radio source 3C 17. 12 p2011 A67-26249
- MOFFETT, R. J.**
Ionization transport effects in the equatorial F region. 04 p0614 A67-14954
- MOFFETT, T. J.**
The economics of computer graphics as a drafting tool. [AIAA PAPER 67-899] 24 p4127 A67-43008
- MOGHE, S. R.**
Anisotropic relaxation functions and strength of oriented solids. 02 p0297 A67-11873
Influence of reforming processes on the fracture strength of solids. 08 p1423 A67-21302
On internal fracture of solids. 16 p2773 A67-31315
- MOGILEVICH, B. B.**
Some properties of the pyrolytic carbides and nitrides of group IV metals /Nekotorye svoystva piroliticheskikh karbidov i nitridov metallov IV grupy/. 11 p1804 A67-23903
- MOGILEVSKII, E. I.**
"Laser" nature of type I radio bursts /O "lazernoi" prirode solnechnykh radiovyslekov pervogo tipa/. 02 p0322 A67-11652
Solar corpuscular streams with forceless magnetic fields. 02 p0311 A67-12590
The "laser-like" nature of type I solar radio bursts. 18 p2747 A67-31067
- MOGILEVSKY, M.**
The changing role of the technical writer in the 1970's. 20 p3556 A67-36587
- MOGNONI, P.**
Forces deforming the rib cage. 07 p1133 A67-19480
- MOGUL, J.**
Low cycle fatigue properties of advanced engine materials. [SAE PAPER 670336] 17 p2874 A67-32986
- MOHAN RAO, G. R.**
Determination of base spreading resistance and junction temperature of uniform-base junction transistors. 04 p0582 A67-15098
- MOHAN, M. A.**
On some aspects of statistical linearization of nonlinear elements. 04 p0591 A67-14420
- MOHLING, F.**
Quasiparticle-ensemble theory for a normal Fermi liquid. 07 p1224 A67-19504
- MOHN, E.**
Operation of a gallium arsenide diode laser with an external resonator using a Brewster window. 15 p2498 A67-29511
- MOHR, G. C.**
On the measurement of the transmission of external force through fluid systems in primates. 10 p1600 A67-23821
Cineradiographic analysis of human visceral responses to short duration impact. 23 p3951 A67-41553
Cineradiographic analysis of human visceral responses to short duration impact. 23 p3960 A67-41704
- MOHR, M. C.**
Circularly-polarized phase shifter for use in phased array antennas. 08 p1305 A67-21226
- MOHR, R. J.**
Graphing spurious responses in microwave receivers. 03 p0383 A67-13789
Coupling between open and shielded wire lines over a ground plane. 24 p4137 A67-42713
- MOHRE, C. L.**
Tracking, telemetry and command. 22 p3763 A67-40338
- MOISE, J. C.**
M-1 program contributions to technology. [AIAA PAPER 67-520] 18 p3115 A67-33983
- MOISENKO, A. K.**
Concentration of thermal stresses in a physically nonlinear elastic plate with a hole in the presence of a uniform heat flux /Kontsentratsiya termonapruzhen' u fizichno nelinlini pruzhnyi plastintsi z otvorum pri odnorodnomu teplopototsi/. 16 p2766 A67-31148
- MOISEEV, A. A.**
Design of a disk of arbitrary profile with allowance for the radial temperature gradient /K raschetu diska proizvol'nogo profil'a s uchetom gradienta temperatur po radiusu/. 03 p0429 A67-13331
- MOISEEV, A. I.**
Deposition of an Nb sub 3 Sn layer on a wire from the gas phase /Poluchenie sloia Nb sub 3 Sn na provoloke osazhdeniem iz gazovoi fazy/. 03 p0500 A67-14065
Producing a layer of Nb sub 3 Sn on a wire by deposition from the gas phase. 13 p2185 A67-27721
- MOISEEV, A. M.**
Investigation of the generation of rho super plus and n super ' super plus super plus resonances in the pi super plus p goes to pi super plus p pi super 0 reaction at a pi super plus -meson momentum of 2.34 Gev/c /Issledovanie rozhdeniia rezonansov rho super plus i n super ' super plus super plus v reaktsii pi super plus p goes to pi super plus p pi super 0 pri impuls'e pi super plus -mezonov 2,34 Gev/c/. 24 p4193 A67-42856
- MOISEEV, N. N.**
The calculation of free oscillations of a liquid in a motionless container. 08 p1319 A67-20310
Problems of theory of vehicles optimal controls. 16 p2742 A67-30864
Numerical methods for calculating the natural-oscillation frequencies of liquids in bounded volumes /Chislennyye metody rascheta sobstvennykh chastot kolebaniil ograniченного ob'ema zhidkosti/. 18 p3026 A67-33772
- MOISEV, S. S.**
Stability of a plasma with fluctuating parameters /Ob ustoiichivosti plazmy pri nallchii fluktuirulushchikh parametrov/. 06 p1045 A67-18790
Effect of two-dimensional nonuniformity of the initial plasma parameters on plasma instability /Vliianie na neustoiichivost' plazmy dvumernoi neodnorodnosti ee nachal'nykh parametrov/. 11 p1842 A67-24966
Wave transformation in magnetohydrodynamics. 12 p1976 A67-26072
Low frequency plasma instabilities /O nllzochastotnykh neustoiichivostiakh plazmy/. 15 p2528 A67-29710
Stability of plasma in the presence of fluctuating parameters. 18 p3086 A67-33732
Plasma stability in combined magnetic fields /Ob ustoiichivosti plazmy v kombinirovannykh magnitnykh poliax/. 20 p3500 A67-37048
- MOISEEV, V. F.**
Some theoretical aspects of dynamic testing techniques /Nekotorye voprosy teorii metoda dinamicheskikh ispytani/. 13 p2215 A67-26452
- MOISEV, V. N.**
Structural transformations in titanium alloys /Strukturnye prevrashcheniia v titanovykh splavakh/. 07 p1205 A67-19271
Variation of the structure and properties of /alpha plus beta/-titanium alloys as a function of heat treatment /Izmenenie struktury i svoistv /alpha plus beta/-titanovykh splavov v zavisimosti ot termicheskoi obrabotki/. 07 p1206 A67-19282
- MOISIA, R. I.**
Statistical characteristics of meteor radio echoes in the epoch of the Geminids stream in 1963 /Statisticheskie kharakteristiki meteornykh radioekho v epokhu potoka Geminid 1963 g./. 05 p0889 A67-16205
Experimental study of the distribution of meteoric bodies according to energies /Eksperimental'noe issledovanie raspredeleniia meteornykh tel po energiam/. 13 p2197 A67-26507
- MOIZHES, B. IA.**
Probe investigations of a plasma in thermoemission converters with a high cesium-vapor pressure. III - Distribution of electron concentration and electron temperature and space potential in the interelectrode space of thermoemission converters /Zondovye issledovaniia plazmy v termoemissionnykh preobrazovatelakh s vysokim daviemlem parov tseziia. III - Raspredelenie kontsentratsii, temperatury elektronov i potentsiala prostranstva v

- mezhelektroodnom prostranstve
termoemissionnykh
preobrazovatelei/. 01 p0012 A67-10353
- Probe investigation of plasma parameters in a high-pressure cesium thermionic converter. I - Experimental method. Theory. 02 p0184 A67-12467
- Probe investigation of plasma parameters in a high-pressure cesium thermionic converter. II - Examination of the probe method. Some results of measurements carried out in the diffusion and arc modes. 02 p0184 A67-12468
- Investigations of plasma in high-pressure cesium converters. III. 11 p1746 A67-25026
- Scattering mechanisms and role of interelectron collisions in n-PbTe and certain other semimetals /O mekhanizmkh rasselanii i roli mezhelektronnykh stolknovenii v n-PbTe i nekotorykh drugikh polumetallakh/. 12 p1983 A67-25514
- Spectroscopic measurements of plasma parameters in thermionic converters. 13 p2056 A67-27385
- Scattering mechanisms and the role of electron-electron collisions in n-type PbTe and some other semimetals. 18 p3103 A67-34445
- Theory of the arc mode operation of the thermionic converter. 19 p3176 A67-35130
- Calculation of the kinetic reflection coefficient in the expression for the thermionic emission current from plasma and semiconductors. 23 p4047 A67-41688
- Measurement of the surface temperature of an oxide cathode for a pulsed emission current. 24 p4129 A67-42231
- MOKEEV, O. K.**
- Switching a semiconductor diode with a retarding field in the base by means of short forward current pulses. 11 p1764 A67-24469
- The charge ratio during switching of a diode with a retarding field in the base. 11 p1765 A67-24470
- MOKEROV, V. G.**
- Study of the temperature dependence of the contours of the exciton bands of polycrystalline cadmium sulfide films /Issledovanie temperaturnoi zavisimosti konturov eksitonnykh polos polikristallicheskiy plenok sulfida kadmia/. 14 p2372 A67-28852
- MOKHNACH, D. O.**
- Investigation of the carbon coma of the 1959 k comet /K issledovaniyu uglerodnoi komy komety 1959 k/. 06 p1082 A67-17839
- Distribution of surface brightness of a comet head, considering the dispersion of initial velocity /Raspreделение poverkhnostnoi iarkosti v golove komety pri uchete dispersii nachal'nykh skorostei/. 06 p1084 A67-18205
- Investigation of the carbon coma of comet 1959 k. 17 p2951 A67-33214
- Surface brightness distribution in the head of a comet taking account of dispersion of initial velocities. 17 p2951 A67-33215
- MOKHNATKIN, M. P.**
- Some discrepancies in the conditions of thermodynamic stability. 22 p3917 A67-39584
- MOKHOV, A. N.**
- Determination of wind velocities and diffusion coefficients with the aid of an artificial luminescent cloud /Opredelenie skorosti vetra i koeffitsienta diffuzii s pomoshch'yu iskusstvennogo svetlasehgosia oblaka/. 10 p1675 A67-22795
- Determination of wind velocity and of the diffusion coefficient by means of an artificial luminescent cloud. 24 p4181 A67-42131
- MOKROV, A. P.**
- Properties and structure of deformed and annealed molybdenum /Svoistva i struktura deformirovannogo i otzozhennogo molibdena/. 20 p3486 A67-36967
- MOLCHANOV, A. A.**
- Study of the dynamics of counting control of multistable elements /Issledovanie dinamiki pereschetnogo upravleniia mnogoustoiichivymi elementami/. 01 p0044 A67-10497
- Stability of a spectrotron with external feedback /Ob ustoiichivosti spektrotrova s vneshnei obratnoi svyaz'yu/. 03 p0377 A67-13092
- Parametric excitation of a spectrotron with controllable p-n junction capacitance /O parametricheskom vzbuzhdenii spektrotrova s upravlaemoi emkost'yu
- p-n-perekhoda/. 03 p0378 A67-13241
- Investigation of the dynamics of scaling control of multistable elements. 10 p1621 A67-23619
- Asymptotic methods of the theory of oscillations in certain problems of nonlinear radio engineering /Ob asimptoticheskikh metodakh teorii kolebanii v nekotorykh zadachakh nelineinoy radiotekhniki/. 20 p3409 A67-37113
- MOLCHANOV, A. M.**
- Resonances in multifrequency oscillations. 02 p0267 A67-11917
- MOLCHANOV, A. P.**
- The use of interferometers for observations along the base line. 24 p4129 A67-42227
- MOLCHANOV, E. I.**
- Heat transfer from the gas to the blade surface under realistic conditions of gas-turbine operation /Teplootdacha ot gaza k poverkhnosti lopatok v real'nykh usloviakh raboty gazovyykh turbin/. 17 p2973 A67-33077
- MOLCHANOV, I. D.**
- Energy of ions ejected from a high-frequency source /Energiia ionov, vykhodilashchikh iz vysokochastotnogo istochnika/. 03 p0424 A67-14261
- Nanosecond-pulse ion source /Nanosekundnyi impul'snyi istochnik ionov/. 03 p0425 A67-14262
- Energy of ions emerging from high-frequency sources. 14 p2321 A67-28773
- A nanosecond pulsed ion source. 14 p2321 A67-28774
- MOLCHANOV, O. A.**
- Altitude distribution of electron concentration in the magnetosphere on the basis of whistling atmospheric data /O vysotnom raspredelenii elektronnoi kontsentratsii v magnitosfere po dannym svistlasehkiy atmosferikov/. 21 p3621 A67-39022
- MOLCHANOV, S. A.**
- The Martin boundary for invariant Markov processes on a solvable group /Granitsa Martina dlia invariantnykh markovskikh protsessov na razreshimoi grupe/. 17 p2878 A67-32736
- MOLCHANOV, V. S.**
- Electric conductivity of complex potassium-titanium-lead glasses. 06 p1053 A67-18613
- MOLCHASHKIN, M. A.**
- Probe studies of a DC discharge in a He-Ne mixture. 24 p4196 A67-42242
- The effect of a longitudinal magnetic field on the inversion population of the lower levels of Ar II in a capillary arc discharge. 24 p4196 A67-42244
- Inversion of population of the 4s and 4p states of Ar II in a stationary arc discharge. 24 p4196 A67-42245
- MOLDOVAN, C.**
- Considerations on the electron diffusion in the low-voltage arc plasma. 19 p3279 A67-35140
- MOLE, A.**
- Study and development of a cavity maser functioning at lambda equals 4 mm /Etude et realisation d'un maser a cavite fonctionnant a lambda equals 4 mm/. 12 p1952 A67-25297
- MOLER, C. B.**
- Van der Monde systems and numerical differentiation. 08 p1349 A67-21194
- Computer solution of linear algebraic systems. 17 p2821 A67-32825
- MOLINA, F.**
- Geomagnetic, auroral, ionospheric and cosmic-ray perturbations - Interdependence and relationship with solar activity /Perturbazioni geomagnetiche, aurorali, ionosferiche e del raggi cosmici - Interdependenze e relazioni con l'attivita solare/. 07 p1183 A67-20174
- MOLINE, A.**
- Search for fractionally charged particles in cosmic rays near sea level. 15 p2550 A67-29680
- MOLITOR, J. H.**
- Application of ion thrust motors in attitude and position control of satellites. 04 p0705 A67-15027
- Design of a solar-electric propulsion system for interplanetary spacecraft. [AIAA PAPER 66-214] 07 p1240 A67-19364
- Development and testing of a lightweight flight prototype ion engine system. [AIAA PAPER 66-218] 13 p2188 A67-26823
- Timetable for ion propulsion. 17 p2928 A67-32435
- System concepts for a liquid mercury cathode thruster. 21 p3697 A67-38959
- [AIAA PAPER 67-699] 21 p3697 A67-38959
- Electric propulsion system reliability. [AIAA PAPER 67-701] 21 p3697 A67-38960
- Solar-electric propulsion systems for unmanned space missions. [AIAA PAPER 67-713] 22 p3868 A67-39644
- MOLL, A. P.**
- Data display for real time telemetry. 05 p0765 A67-17042
- MOLL, J. L.**
- Direct observation of the drift velocity as a function of the electric field in gallium arsenide. 02 p0253 A67-12504
- Electron drift velocity in avalanche silicon diodes. 10 p1611 A67-23169
- Experimental evidence for optical population of the X minima in GaAs. 11 p1803 A67-24998
- MOLL, J. W.**
- On the radar echo from aircraft. 16 p2625 A67-31273
- MOLL, N. G.**
- Carbon trioxide - Its production, infrared spectrum, and structure studied in a matrix of solid CO sub 2. 05 p0759 A67-16838
- MOLL, R.**
- Future interplanetary unmanned space missions. [AIAA PAPER 67-29] 15 p2562 A67-30104
- MOLLARD, A.**
- The program of basic ballistic studies and test flights /Le programme des etudes balistiques de base et les essais en vol/. 18 p3020 A67-34379
- MOLLE, R.**
- NR fluidic elements for automatic control /Les elements fluidiques NR pour commande automatique/. 12 p1896 A67-25104
- MOLLER, P. S.**
- Ion-neutral propulsion in atmospheric media. 21 p3696 A67-38856
- MOLLINGA, T.**
- R-C networks in filter design. III - All-pass networks. 01 p0045 A67-11197
- MOLLO-CHRISTENSEN, E.**
- Jet noise and shear flow instability seen from an experimenter's viewpoint. 10 p1628 A67-23830
- MOLLO-CHRISTENSEN, E. L.**
- Experiments on Ekman layer instability. 15 p2471 A67-29655
- Boundary layer oscillations over a resonant surface. 16 p2860 A67-31214
- MOLLOY, J. K.**
- Recent studies of factors affecting high lift-drag ratios at M equals 19 in helium. [AIAA PAPER 67-138] 06 p0940 A67-18439
- Flare-stabilization problems at hypersonic Mach numbers. 08 p1275 A67-20499
- MOLODENSII, M. M.**
- A force-free model for the magnetic field of a sunspot. 09 p1563 A67-21628
- MOLOKANOV, G. F.**
- Accuracy and reliability of navigation of flight vehicles /Tochnost' i nadezhnost' navigatsii letatel'nykh apparatov/. 17 p2881 A67-31933
- The control law for an airplane flying from one point to another in the shortest time. 20 p3481 A67-37202
- MOLOKOVSKII, S. I.**
- Investigation of electron guns with electron beam current control. 14 p2276 A67-27767
- MOLOTOKOV, I. A.**
- Wave propagation in an inhomogeneous half-space with a refractive index which is a function of two coordinates /Rasprostraneniye voln v neodnorodnom poluprostranstve s pokazatelem prelomleniia, zavislyashim ot dvukh k koordinat/. 21 p3580 A67-38114
- MOLOZZI, A. R.**
- The measured impedance of a dipole antenna in the ionosphere. 10 p1611 A67-23292
- MOLYNEUX, J. E.**
- Extremum principles for slow viscous flows with applications to suspensions. 24 p4144 A67-42567
- MOMOTA, T.**
- Semiconductor integrated circuits. 12 p1917 A67-26203
- MON, G.**
- Some geometric aspects of differential games. 15 p2509 A67-29404
- MONAGHAN, S.**
- Circularly-polarized phase shifter for use in phased array antennas. 08 p1305 A67-21226

- MONAKHOV-ILIN, G. P.**
Stress determination in complex thin-walled structures, using a photoelastic method. 09 p1575 A67-22169
- MONAKHOV, V. N.**
Riemann-Hilbert boundary-value problem with discontinuous boundary conditions for quasi-linear elliptic systems of equations /Kraevaya zadacha Rimana-Gil'berta s razryvnymi granichnymi usloviyami dlia kvazilineinykh ellipticheskikh sistem uravnenii/. 21 p3651 A67-37930
- MONARCH, J.**
Environmental testing of a gas turbine engine with emulsified JP-4 fuel. [SAE PAPER 670367] 18 p3111 A67-33567
- MONCASTER, M. E.**
Recent advances in optical communication. 22 p3759 A67-39330
- MONCRIEF, J. L.**
Fuel cells - A new electrical power source. 02 p0183 A67-12102
- MOND, B.**
On the approximation of functions of several variables. 06 p1022 A67-17566
Duality for variational problems. 14 p2345 A67-28908
- MONFILS, A.**
Spectroscopic observation of the aurora borealis. 10 p1633 A67-22869
A high luminosity spectrograph for recording the far ultra-violet spectra of aurora. 14 p2315 A67-28157
- MONGA, M. R.**
Transient solutions to a three level maser. 11 p1801 A67-24667
- MONIER, C. J.**
A compensation technique for certain nonlinear autonomous systems. 13 p2086 A67-26413
- MONIN, A. S.**
Dynamics of the atmospheric boundary layer /Dinamika pogranichnogo sloia atmosfery/. 13 p2151 A67-26687
Dynamics of the atmospheric boundary layer. 21 p3654 A67-38429
Turbulent exchange above the oceans /O turbulentnom obmene nad okeanami/. 22 p3828 A67-39220
- MONIN, I. F.**
A new method for computing the external gravity-field elements and the figure of the topographic surface of the earth. 04 p0617 A67-15565
Determination of the earth's figure from anomalies in the vertical gradient of the force of gravity /Viznachennia figuri zemli za anomaliami vertikal'nogo gradienta sili tiashinnia/. 11 p1783 A67-23899
Determination of the earth's gravitational potential on a geoid /Pro viznachennia gravitatsiinogo potentsialu zemli na geoidi/. 21 p3618 A67-38199
Expansion of the earth's gravitational potential in a Taylor series /Pro rozklad gravitatsiinogo potentsialu zemli v riad Tellora/. 23 p3996 A67-40859
- MONNE, M.**
New solutions to the major problems of high-vacuum enclosures, joints, seals, and degassing /Solutions nouvelles aux problemes majeurs des enceintes a ultra-vide, joints, fermeture, degazage/. 17 p2802 A67-32300
- MONNERET, J.**
Dynamic holography. 15 p2487 A67-29481
Interferometry and holographic photoelasticity /Interferometrie et photoelasticimetrie photographiques/. 23 p3999 A67-41179
- MONNERIE, B.**
Study of a family of diffusers for a low-Reynolds-number hypersonic wind tunnel /Etude d'une famille de diffuseurs pour soufflerie hypersonique a faible nombre de Reynolds/. 05 p0748 A67-16763
- MONNOT, G.**
Combustion in a heterogeneous system /La combustion en systeme heterogene/. 04 p0728 A67-15453
- MONNOT, R.**
Stellar detectors /Les detecteurs stellaires/. 21 p3628 A67-38651
- MONOPOLI, R. V.**
Control of linear plants with zeros and slowly varying parameters. 11 p1771 A67-24895
- MONOSOV, I. A.**
Echo pulses in yttrium iron garnet. 08 p1366 A67-20313
- MONROE, G. E.**
How to match reliability methods to real situations. 01 p0078 A67-10514
- MONROE, G. M.**
The role of extravehicular space maneuvering units, manned and unmanned, in satellite laboratory systems. 16 p2615 A67-30631
- MONROE, J. W.**
A "building block" approach to Saturn V uprating using solid propellant rocket motors. [AIAA PAPER 67-907] 24 p4244 A67-43014
- MONROE, R. L.**
Approximate mode decomposition in a compressible anisotropic plasma. 11 p1753 A67-24307
- MONSIGNORI FOSSI, B. C.**
On the correction for foreshortening for Ca plates. 10 p1712 A67-23806
- MONSON, J. E.**
Cancellation of unwanted spectral components in an FM multivibrator system. 07 p1145 A67-19871
- MONTANARO, J. O.**
Optimum use of contingency power rating for increasing permissible operating gross weight in twin-turbine helicopters. [AHS PAPER 128] 16 p2599 A67-31842
- MONTANO, H. L.**
Some characteristics of lithium-drifted silicon structures. 23 p4044 A67-41456
- MONTANO, J. W.**
Short-time elevated temperature mechanical properties of 2219-T87 and 2219-T6 aluminum alloy. 11 p1805 A67-24271
- MONTBRIAND, L. E.**
Studies of auroral hydrogen emissions in West-Central Canada. II. 05 p0797 A67-16851
- MONTEATH, G. D.**
Launching a surface wave over the earth. 22 p3763 A67-40315
- MONTEIL, E.**
Diffusion and solubility in gallium antimonide. 16 p2726 A67-30811
- MONTELL, M.**
X-ray photography of the sun /Photographie du soleil en lumiere X/. 04 p0698 A67-14917
- MONTERDE-GARCIA, A.**
Determination of effective cross sections from measurements in cylindrical cascade arcs /Bestimmung von Wirkungsquerschnitten aus Messungen an zylindrischen Kaskadenboegen/. 22 p3841 A67-40050
- MONTES, H.**
Rapid geomagnetic activity at very low latitude conjugate stations. 03 p0408 A67-12843
- MONTGOMERIE, G. A.**
Heavy current fluidic devices. 08 p1280 A67-20445
- MONTGOMERY, A. J.**
Analysis of two-tilt compensating interferometers. 22 p3796 A67-39236
- MONTGOMERY, A. M.**
Microstructure of alloys and products. 14 p2334 A67-27803
- MONTGOMERY, C. G.**
Directional characteristics of the lunar thermal emission. [AIAA PAPER 67-291] 12 p2009 A67-26008
- MONTGOMERY, D.**
Alternative method for exciting electron plasma oscillations with transverse electromagnetic waves. 03 p0485 A67-14052
Scattering of energetic particles by laboratory plasmas. 08 p1361 A67-21136
Electron-temperature variation induced effects and Landau damping of ion acoustic waves. 11 p1837 A67-24395
Parametric excitation of Alfvén waves. 11 p1844 A67-25062
- MONTGOMERY, D. R.**
Television in the lunar environment. 21 p3629 A67-38658
- MONTGOMERY, K. M.**
An experimental oxygen concentrating system. 18 p2995 A67-34717
- MONTGOMERY, L. C.**
Improving aerospace system safety programs through an inter-company information exchange. 18 p3163 A67-34692
- MONTGOMERY, R. C.**
Analysis of deep-stall characteristics of T-tailed aircraft configurations and some recovery procedures. [AIAA PAPER 66-13] 03 p0350 A67-12912
- MONTGOMERY, S. R.**
Laminar flow heat-transfer in ducts of rectangular cross-section. 04 p0728 A67-15805
- MONTI, R.**
Correlation of experimental data for a nonequilibrium plasma with impurities /O korrelatsii eksperimental'nykh dannykh dlia neravnovesnoi plazmy s primeslami/. 17 p2895 A67-32153
- MONTMORY, R.**
Epitaxy of silicon on corundum - Measurement of the electronic characteristics of epitaxial deposits /Epitaxie du silicium sur corindon - Mesures des caracteristiques electroniques des depots epitaxiaux/. 02 p0294 A67-11755
- MOODIE, D. M.**
Low density shear resistant ablaters for lifting reentry vehicles. 10 p1672 A67-23725
- MOODIE, D. M., JR.**
Ablators for severe reentry environments. 22 p3826 A67-39887
- MOODY, A. B.**
Air navigation - A status report. 15 p2514 A67-29738
- MOODY, H. L.**
The prediction of large rocket nozzle material performance using a semi-empirical technique. 15 p2547 A67-29993
- MOOKHERJI, A.**
Magnetic behaviour of manganous acetate tetrahydrate crystal. 15 p2540 A67-30091
- MOON, J. R.**
High resolution bitter patterns on superconductors. 23 p4035 A67-40652
- MOON, W. D.**
Reliable measurement - A space age must. 08 p1336 A67-21057
- MOONAN, P. J.**
Dynamics of a guided propulsive soft landing preceded by a Martian atmospheric deceleration. [AIAA PAPER 67-170] 06 p1029 A67-18508
- MOONEY, J. P.**
AGD - Concept to configuration. 17 p2800 A67-31976
- MOORADIAN, A.**
Raman scattering from donor and acceptor impurities in silicon. 11 p1851 A67-24999
Polarization and intensity of Raman scattering from plasmons and phonons in gallium arsenide. 23 p4038 A67-40795
- MOORE, A.**
The toughness of beryllium. 13 p2138 A67-27120
- MOORE, A. D.**
Monolithic circuits for R.F. communications systems. 14 p2282 A67-28027
- MOORE, A. H.**
Point and interval estimation, from one-order statistic, of the location parameter of an extreme-value distribution with known scale parameter and of the scale parameter of a Weibull distribution with known shape parameter. 05 p0835 A67-16853
A Monte Carlo technique for obtaining system reliability confidence limits from component test data. 20 p3455 A67-37314
- MOORE, B.**
Comparative levels of microbial contamination in clean rooms used for the assembly and test of lunar spacecraft. 23 p3961 A67-40851
- MOORE, B. C.**
Simulating the space environment. 07 p1163 A67-19534
A cryogenic low-pressure seal. 08 p1336 A67-21496
The effect of localized gas densities on vacuum ionization gauges. 09 p1498 A67-22108
- MOORE, C. A.**
Radiation from the super 4 T sub 2 state of Cr super 3 super plus in ruby and emerald. 21 p3676 A67-37816
- MOORE, C. B.**
The distribution of total carbon content in enstatite chondrites. 05 p0886 A67-16024
Vibrational energy transfer in CO sub 2 lasers. 18 p3060 A67-34027
Atmospheric absorption of CO sub 2 laser radiation. 22 p3816 A67-40237
The Fremont Butte, Washington Co., Colorado, meteorite. 23 p4069 A67-41448
The Anoka, Minnesota, iron meteorite. 23 p4069 A67-41449
Marburg - A new pallasite. 24 p4232 A67-42614
Variations in the chemical and mineralogical composition of rim and plains specimens of the Canon Diablo meteorite. 24 p4235 A67-42636
- MOORE, D. R.**
Dynamic stability wind-tunnel tests of a 10

- deg cone with simulated ablation at m equals 17.
[AIAA PAPER 66-757] 17 p2792 A67-33004
- MOORE, D. W.**
The effect of the variation of surface tension with temperature on the motion of bubbles and drops. 08 p1321 A67-20711
Steady two-dimensional flow of fluid of variable density over an obstacle. 14 p2346 A67-28004
Solar spin-down problem. 17 p2940 A67-32208
Prediction on the velocity field coming from convective overshoot in a layer overlying a convectively unstable atmospheric region. 23 p4024 A67-41279
- MOORE, E. B.**
The impact of microelectronics on general aviation avionics. [SAE PAPER 670253] 11 p1758 A67-23985
- MOORE, E. J.**
Quantum-transport theories and multiple scattering in doped semiconductors. I. 21 p3682 A67-38386
Quantum-transport theories and multiple scattering in doped semiconductors. II. 21 p3682 A67-38387
- MOORE, E. T.**
DC to DC converter controlled by a magnetically-coupled multivibrator with asymmetrical output. 02 p0183 A67-12117
- MOORE, E. T., JR.**
A mechanism for the conversion of the chemical energy of explosives to the kinetic and internal energy of a gas. [AIAA PAPER 67-178] 06 p1118 A67-18485
- MOORE, F. B.**
Application of redundancy in the Saturn V guidance and control system. [AIAA PAPER 67-553] 19 p3257 A67-35950
- MOORE, F. K.**
Models of gas flows with chemical and radiative effects. 06 p0983 A67-17785
- MOORE, G. D.**
Oxidation characteristics of MoS sub 2 and other solid lubricants. [ASLE PAPER 67-LC-14] 24 p4165 A67-42748
- MOORE, G. F.**
What you doin' about hydraulic system reliability/ques/. [AIAA PAPER 67-403] 15 p2423 A67-30370
- MOORE, G. O.**
Comet and close approach asteroid mission. 08 p1393 A67-21098
- MOORE, H.**
The frequency-modulation feedback system for the lunar-orbiter demodulator. 06 p0975 A67-18108
- MOORE, H. B.**
Measurement of jet noise suppression using a small turbojet engine. [SAE PAPER 670157] 09 p1561 A67-22544
- MOORE, J.**
Parameter plane analysis of forced nonlinear oscillations. 08 p1311 A67-20343
- MOORE, J. B.**
The design of an attitude control system for a space vehicle. 02 p0331 A67-12160
A convergent algorithm for solving polynomial equations. 13 p2148 A67-27496
Tolerance of nonlinearities in time-varying optimal systems. 17 p2829 A67-32307
Development of astroloy disks for advanced jet engine application. 22 p3818 A67-39226
Applications of the multivariable Popov criterion. 23 p3984 A67-41158
- MOORE, J. D.**
Microsecond resolution telemetry. 02 p0197 A67-12012
- MOORE, J. F.**
Development of ultrasonic testing techniques for Saturn honeycomb heat shields. 07 p1192 A67-20166
- MOORE, J. G.**
Observations of the day airglow during the total solar eclipse of 30 May 1965. 20 p3427 A67-36368
- MOORE, J. H.**
The XV-4B - New generation of VTOL. 09 p1439 A67-22284
- MOORE, J. S.**
Space charge and oscillation effects in gold-doped silicon p-"I"-n diodes. 19 p3198 A67-36043
- MOORE, J. W.**
Aerospace vehicle simulation and checkout. 03 p0399 A67-14210
Admiralty jurisdiction - The sky's the limit. 12 p2040 A67-25486
Propulsive-phase guidance for unmanned landing on Mars - A two-part study. [AIAA PAPER 67-819] 19 p3260 A67-36008
Skin friction balance components for hostile environments. 22 p3795 A67-39188
- MOORE, O. H., JR.**
A dynamic evaluation of the Atlas engine boots in flight environments. [AIAA PAPER 67-277] 07 p1241 A67-20054
- MOORE, P.**
Color events on the moon. 05 p0888 A67-16155
Lunar surface characteristics. 23 p4065 A67-40954
- MOORE, P. A.**
Lunar transient phenomena - Topographical distribution. 07 p1247 A67-19063
- MOORE, R.**
High-dispersion spectroscopic observations of Mars. I. 03 p0514 A67-14309
- MOORE, R. A.**
Solid-state YIG serrodyne. 19 p3196 A67-35661
- MOORE, R. B., JR.**
Jet reattachment at low Reynolds numbers and moderate aspect ratios. [ASME PAPER 67-FE-25] 14 p2305 A67-28369
- MOORE, R. C.**
Eclipse observation from the moon and cislunar space. 04 p0700 A67-15070
High-dispersion spectroscopic observations of Mars. II. [JPL-TR-32-1048] 09 p1566 A67-22235
Computer-aided layout of ministick artwork. 12 p1950 A67-26130
- MOORE, R. D.**
Propulsion by the geomagnetic field. 11 p1855 A67-25009
Research on a charged particle bipolar thruster. [AIAA PAPER 67-728] 21 p3694 A67-38752
- MOORE, R. K.**
Radar scatterometry - An active remote sensing tool. 01 p0021 A67-10317
Progress in radio propagation in nonionized media. 05 p0760 A67-16009
Potential research and earth resource studies with orbiting radars - Results of recent studies. [AIAA PAPER 67-767] 24 p4258 A67-42936
- MOORE, R. L.**
Infinitesimal driven plane waves in a uniform warm viscous plasma with finite electron drift velocity. 19 p3290 A67-35376
Lightweight rigid multi-kilowatt solar arrays. 24 p4109 A67-42560
- MOORE, R. S.**
A simplified method for the extraction and bioassay of renin. 01 p0015 A67-10412
Renal lymph oxygen tension during graded renal ischemia. 06 p0952 A67-17853
- MOOREHEAD, J. R.**
Development of the Boeing SST inlet, control, and power system. [SAE PAPER 670318] 12 p1990 A67-25886
- MOORJANI, K.**
Green's-function theory of nonlinear transport coefficients. 12 p1967 A67-25846
- MOORMAN, D. W.**
The Lunar Orbiter velocity control system. [AIAA PAPER 67-504] 18 p3137 A67-33968
- MOORMANN, W.**
Contribution to the theory of transition temperatures of superconducting double films - Proximity effect /Zur Theorie der Uebergangstemperaturen von supraleitenden Doppelschichten - Proximity-Effekt/. 03 p0499 A67-13874
- MOORTHY, C. S.**
Axisymmetric flow with application to axial-flow turbomachines. 20 p3355 A67-36186
- MOOS, H. W.**
Multiphonon relaxation in LaCl sub 3 -Nd super 3 super plus. 16 p2728 A67-31057
Selective laser photocatalysis of bromine reactions. 17 p2868 A67-32772
Multiphonon relaxation of near-infrared excited states of LaCl sub 3 -Dy super 3 super plus. 19 p3302 A67-35035
Vibronic transitions of hexagonal rare-earth trichlorides. I. 22 p3840 A67-39434
Vibronic transitions of hexagonal rare-earth trichlorides. II. 22 p3840 A67-39435
Electron paramagnetic resonance and spectroscopic study of LaCl sub 3. Eu super 2 super plus and associated color centers. 22 p3863 A67-40003
- MORA, I.**
Legal aspects of telecommunication and meteorological activity connected with space research. 12 p2042 A67-26142
- MORACHEVSKII, V. G.**
Analytical approximation for a cloud-modification-induced rearrangement of a cloud-droplet distribution spectrum /K voprosu ob analiticheskoj approksimatsii perestroiki spektra raspredeleniya kapel' oblakov pri aktivnom vozdeistvii na nikh/. 19 p3251 A67-34862
- MORAIN, P.**
SA 330 - French assault helicopter with growth potential. 04 p0550 A67-14468
- MORAIN, S. A.**
Vegetation analysis with radar imagery. 01 p0059 A67-10329
K-band radar in vegetation mapping. 19 p3227 A67-34796
- MORAITIS, G.**
Spread F and geomagnetic activity in middle latitude. [AGARDOGRAPH 95] 15 p2481 A67-30284
- MORAN, J. M.**
The positions and angular extent of OH emission associated with the H II regions W3, W24, W49, and NGC 6334. 12 p2009 A67-25972
Observations of OH emission in the H II region W3 with a 74400 lambda interferometer. 14 p2389 A67-28845
Spectral line interferometry with independent time standards at stations separated by 845 kilometers. 20 p3523 A67-36648
- MORAN, J. P.**
Similarity in high-altitude jets. 15 p2418 A67-30208
- MORAN, M.**
Observations of planetary nebulae at three microwave frequencies. 16 p2752 A67-31624
- MORAN, W. J.**
Computerized aircraft synthesis. 21 p3568 A67-38534
- MORAND, M.**
Diffusion of protons and nuclei at 27 GeV/c /Diffusions protons-noyaux a 27 GeV/c/. 13 p2160 A67-26436
- MORANDO, B.**
Study of the lunar-solar perturbations on a 24-hour satellite /Etude des perturbations luni-solaires sur un satellite de 24 heures/. 02 p0321 A67-11498
Sem numerical general planetary theory - Application to Vesta /Theorie planetaire generale semnumerique - Application a Vesta/. 07 p1250 A67-19725
Perturbations of a lunar satellite due to longitude terms /Perturbations d'un satellite de la lune dues a des termes de longitude/. 08 p1396 A67-21164
- MORAS, M.**
Simple anemometer for the measurement of low flow rates varying rapidly with time /Un anemometre simple pour la mesure de faibles debits, variables rapidement dans le temps/. 06 p1000 A67-17633
- MORAWSKI, J. M.**
Processes of operator adaptation in control tasks associated with a change in the plant's dynamics /Procesy adaptacji operatora towarzyszone zmianie dynamiki obiektu w zadaniach sterowania/. 21 p3576 A67-37948
- MORCOM, W. R.**
Stability of selected submicron refractory dispersoids in tungsten. 01 p0097 A67-10699
- MORDEN, R. E.**
Signal processing techniques for a lunar radar system. 08 p1293 A67-20689
- MORDFIN, L.**
Torsion creep of circular and noncircular tubes. 24 p4250 A67-42381
- MORDIUK, V. S.**
Interaction of the relaxation spectrum and high-temperature internal friction background of refractory metals. 07 p1210 A67-20010
- MORDOVIN, O. A.**
Structural diagram of the molybdenum-boron system /Diagramma sostoiannia sistemy molibden-bor/. 20 p3468 A67-37177
- MORDUCHOW, M.**
On the compressible laminar boundary layer with suction. 22 p3788 A67-40421
- MORDUKHOVICH, M. I.**
Direct measurement of turbulent flows at two heights in the atmospheric ground layer. 11 p1815 A67-23954
- MOREAU, J.**
Study of the solderability of 15 CDV 6 25-mm-thick steel in the treated state /Etude de la soudabilite du 15 CDV 6 a l'etat traite en 25 mm. d'epaisseur/. 01 p0078 A67-10270

- MOREAU, J. B.**
Study of a cesium plasma using a Langmuir probe /Etude d'un plasma de césium à l'aide d'une sonde de Langmuir/. 19 p3296 A67-35588
- MOREAU, J. J.**
One-sided constraints in hydrodynamics. 17 p2838 A67-32429
- MOREAU, J. P.**
Integrated MOS analog gate for space telemetry switches /Porte analogique intégrée a MOS pour commutateur de telemesures spatiales/. 21 p3592 A67-38227
- MOREAU, M.**
Measurement of the electrical conductivity of a plasma jet /Izmerenie elektropovodnosti strui plazmy/. 17 p2895 A67-32154
- MOREAU, M. R.**
Continuous and discontinuous tracking of weapon system radars /Poursuite continue et poursuite discontinue dans les radars de systemes d'armes/. 05 p0766 A67-17270
- MOREAU, R.**
Homogeneous turbulence in the presence of a uniform magnetic field when the magnetic Reynolds number is small /Turbulence homogene en presence d'un champ magnetique uniforme lorsque le nombre de Reynolds magnetique est petit/. 03 p0483 A67-13883
Certain fundamental mechanisms of homogeneous turbulence in the presence of a uniform magnetic field when the magnetic Reynolds number is small /Quelques mecanismes fondamentaux de la turbulence homogene en presence d'un champ magnetique uniforme lorsque le nombre de Reynolds magnetique est petit/. 04 p0662 A67-14414
A simple solution for the decline of homogeneous turbulence in the presence of a uniform magnetic field when the magnetic Reynolds number is small /Une solution simple pour le declin de la turbulence homogene en presence d'un champ magnetique uniforme lorsque le nombre de Reynolds magnetique est petit/. 09 p1549 A67-22565
Application of atomic clocks to precise localizations /Application des horloges atomiques aux problemes de localisations precises/. [ONERA-TP-459] 10 p1655 A67-22880
New systems of trajectory /Nouveaux dispositifs de trajectographie/. [ONERA-TP-446] 15 p2554 A67-29376
- MORECKI, A.**
Theoretical and experimental investigation of the participation of muscles in the static and dynamic activity of the upper limbs /Teoretyczne i doswiadczone badania wspoludzialow ukladu miesni konczyn gornej w warunkach statycznych i dynamicznych/. 07 p1133 A67-19346
- MOREHEAD, F. F., JR.**
Light-emitting semiconductors. 13 p2176 A67-26810
- MOREHEAD, J. F.**
A category II avionics system. [SAE PAPER 670254] 12 p1941 A67-25504
- MOREL, P.**
Horizontal probing of the troposphere by means of constant-altitude balloons /Sondage horizontal de la troposphere au moyen de ballons plafonnants/. 09 p1525 A67-22560
Scientific definition of the FR-2 satellite project /Eole project/ /Definition scientifique du projet de satellite FR-2 /projet Eole/. 19 p3332 A67-35243
Preliminary flights of Eole balloons. 19 p3332 A67-35276
- MORELAND, J.**
The specular radar cross section of absorber coated bodies. 03 p0371 A67-13863
- MORELLI, J. J.**
Maintainability design requirements for future jet engines. [SAE PAPER 670330] 12 p1990 A67-25872
- MORELLI, P.**
On the dynamic response of sailplanes to longitudinal manoeuvres. 16 p2596 A67-31465
On the dynamic response of sailplanes to longitudinal manoeuvres. 16 p2597 A67-31786
- MORENOFF, J.**
Communications in orbit - A legal analysis and prognosis. 06 p1120 A67-17711
Communications in orbit - A prognosis for world peace. 12 p2043 A67-26143
- MORENOV, A. I.**
Determination of the particle velocity of sprayed material by the method of high-speed cinematography /Opredelenie skorosti chastits napyllaemogo materiala metodom skorostnoi kinos'emki/. 24 p4159 A67-41961
- MORETON, R.**
Carbon fibres of high strength and high breaking strain. 09 p1520 A67-21988
- MORETTI, E.**
Low-energy cosmic-ray photons in atmosphere. 08 p1377 A67-21466
Cosmic X-ray sources in the 20-180 Kev energy range. 20 p3520 A67-37475
- MORETTI, G.**
A time-dependent computational method for blunt body flows. 04 p0546 A67-14818
Three-dimensional flow around blunt bodies. [AIAA PAPER 67-222] 06 p0941 A67-18461
Three-dimensional effects in intakes and nozzles. [AIAA PAPER 67-224] 06 p0942 A67-18516
Inviscid flowfield about a pointed cone at an angle of attack. 10 p1592 A67-23136
Three-dimensional flow around blunt bodies. [AIAA PAPER 67-222] 19 p3171 A67-35736
- MOREY, W. W.**
Optical heterodyne measurement of neon laser's millimeter wave difference frequency. 11 p1803 A67-24832
- MORGAN, A. A.**
Computational errors in the generation of the direction cosine matrix in a strapdown system. 15 p2515 A67-29741
- MORGAN, A. D.**
Forecasting auroral sporadic-E with a magnetometer. 03 p0415 A67-14118
- MORGAN, A. H.**
Five years of VLF worldwide comparison of atomic frequency standards. 16 p2632 A67-31860
- MORGAN, A. N.**
The FET as an electronically variable resistor. 01 p0036 A67-10474
- MORGAN, D. P.**
Power spectra of geomagnetic micropulsations. 07 p1171 A67-19421
- MORGAN, D. V.**
Fission fragment damage in semiconducting layer-structures. 17 p2918 A67-32849
- MORGAN, F. J.**
Energy loss from a theta pinch. 22 p3849 A67-39696
- MORGAN, G.**
Tracks of heavy primary cosmic rays in meteorites. 07 p1245 A67-19942
- MORGAN, H. S.**
A new high temperature fiber, its properties and performance. 21 p3647 A67-37873
- MORGAN, I. L.**
State of the art neutron detection. 02 p0244 A67-12210
Pulsed neutron sources and applications. 02 p0266 A67-12216
Skin response of the rat to 13 Mev proton irradiation. 23 p3957 A67-41644
- MORGAN, J. R.**
The design and performance of transferred electron oscillators - Gunn diodes. 10 p1616 A67-23532
- MORGAN, J. W.**
Rhenium and osmium abundances in chondritic meteorites. 24 p4235 A67-42637
- MORGAN, R. C.**
Multi-mode surface wave diffraction by a right-angled wedge. [NYU-EM-213] 03 p0369 A67-13660
Pseudo-radiation conditions for derivatives of radiating functions. 17 p2877 A67-32562
- MORGAN, T. N.**
Recombination processes in GaP diodes as functions of temperature. 06 p1062 A67-18931
- MORGAN, W. A.**
On cloud measurements from Gemini-5 using reflected solar radiation. 22 p3807 A67-40369
- MORGAN, W. R.**
New metal-metal composite materials. 08 p1343 A67-21523
- MORGAN, W. T.**
Design, ground test and flight test of SNAP 10A, first reactor in space. 10 p1678 A67-23853
- MORGANSTERN, R. E.**
Scalar gravitational fields in pulsating stars. 17 p2952 A67-33319
- MORGENROTH, H.**
Shape of the magnetosphere of a rectilinear flow in a divergent plasma stream /Die Gestalt der Magnetosphaere eines geraden Stromes in einer divergenten Plasmastromung/. 03 p0474 A67-12921
- MORGENSTERN, Z. L.**
Colour centres in ruby crystals. 20 p3506 A67-36223
- MORGENTHALER, G. W.**
Normal modal vibrations for some damped n-degree-of-freedom nonlinear systems. 04 p0659 A67-15935
A planetary transportation model and its application to space program planning. 06 p1093 A67-19032
On the selection of unmanned probes and launch vehicles for exploration of the solar system. 22 p3900 A67-39617
- MORGENTHALER, J. H.**
Turbulent transport coefficients in supersonic flow. 06 p1117 A67-18387
- MORGIDA, J. V.**
Null point transient calorimeters, theoretical concepts, and experimental results. 01 p0070 A67-11035
- MORGULIS, M. V.**
Frequency methods for the analysis of the sensitivity characteristics of linear dynamic systems. 18 p3018 A67-34441
- MORGULIS, N. D.**
Thermalization of electrons in a short-arc plasma in cesium vapors /Pro termalizatsiiu elektroniv u plazmi korotkoj dugi v parli tsezliu/. 04 p0673 A67-15971
Study of a discharge plasma in helium and argon with cesium and potassium vapor admixtures. I /Issledovanie razriadnoi plazmy v geli i argone s primes'iu parov tsezlia i kalliia. I/. 07 p1227 A67-19115
Some properties of a plasma in helium and argon seeded with cesium and potassium vapor /Nekotorye svoistva plazmy v geli i argone s primes'iu parov tsezlia i kalliia/. 16 p2711 A67-30525
Charge recombination during a plasma decay in helium and argon with cesium vapor additions at increased pressures /Rekombinatsia zarladov pri raspade plazmy v geli i argone pri povyshennykh davleniakh s primes'iu parov tsezlia/. 19 p3271 A67-35073
Investigation of a discharge plasma in helium and argon with an admixture of cesium or potassium vapor. 21 p3684 A67-38160
Nature of ionization in a cesium discharge plasma /Priroda ionizatsii v rozriadnoi tsezliovli plazmi/. 22 p3847 A67-39510
- MORGUNOV, A. N.**
Possibility of increasing the gain of resonance narrow-band cascade amplifiers /O vozmozhnosti povysheniia koefitsienta usilenia rezonansnykh uzkopolosnykh kaskodnykh usilitel'/. 06 p0972 A67-18900
A transistorized resonant cascade amplifier /O rezonansnom kaskodnom usilitele na tranzistorakh/. 14 p2283 A67-28277
- MORGUNOV, B. I.**
Certain stability conditions associated with resonance studies /O nekotorykh usloviakh ustoiichivosti, svyazannykh s issledovaniem rezonansov/. 01 p0113 A67-10675
- MORGUNOVA, N. N.**
Mechanical properties of refractory metals /Mekhanicheskie svoistva tugoplavkikh metallov/. 05 p0831 A67-17502
Influence of titanium, zirconium, and hafnium on the properties of alloys of molybdenum with carbon /Vliianie titana, tsirkoniia i gafniia na svoistva spлавov molibdena s uglerodom/. 05 p0832 A67-17508
Mechanical properties of refractory metals. 21 p3644 A67-38029
Effect of titanium, zirconium, and hafnium on the properties of molybdenum alloyed with carbon. 21 p3644 A67-38036
- MORI, A.**
On the stabilizing methods of externally pressurized thrust gas bearings. [ASME PAPER 66-LUB-5] 03 p0432 A67-13763
- MORI, F.**
Conductivity of a gas-solid mixture. 09 p1543 A67-21820
- MORI, H.**
On the stabilizing methods of externally pressurized thrust gas bearings. [ASME PAPER 66-LUB-5] 03 p0432 A67-13763
A class of cylindrical Fabry-Perot resonators. 18 p3060 A67-34024
Resonant modes in a Fabry-Perot resonator consisting of nonuniform reflectors. 20 p3447 A67-36767

- Microwave radiation due to beam-plasma interaction. 21 p3688 A67-38416
Research on theoretical flow-models for externally pressurized gas-bearings. 23 p4010 A67-41064
II. Research on theoretical flow-models for externally pressurized gas-bearings. 23 p4010 A67-41065
III.
- MORI, K.**
A high resolution echelle monochromator and its application to ion temperature measurement of He plasma. 04 p0663 A67-14767
The neurophysiology of anesthesia. 15 p2429 A67-29294
- MORI, S.**
Theory of a waveguide mounted tunnel diode oscillator. 17 p2822 A67-32037
Laboratory experiments on the interaction of solar plasma stream with geomagnetic field. 19 p3221 A67-35368
- MORI, T.**
Stripe pattern and negative resistance in SbSI. 04 p0674 A67-14619
An analysis of the piston motion in hypersonic gun tunnel. 05 p0791 A67-16430
- MORI, Y.**
The effect of oscillation on instantaneous local heat transfer in forced convection from a cylinder. 04 p0733 A67-15843
Study on forced convective heat transfer in curved pipes. II. 08 p1426 A67-20926
Shock tube studies of magnetically induced non-equilibrium ionization in potassium-seeded argon plasma. 09 p1540 A67-21788
Nonequilibrium MHD generator with metastable N sub 2 in Ar-N sub 2 -K by auxiliary electric discharge. 12 p1898 A67-25388
Forced convective heat transfer in a straight pipe rotating around a parallel axis. I. 22 p3920 A67-40419
- MORIARTY, J. J.**
Microwave rocket concept. 16 p2736 A67-30712
- MORIGAKI, K.**
Electric field effect on the spin-lattice relaxation of donor electrons in silicon. 06 p1068 A67-18971
- MORIGNAT, B.**
Structure and electrochemical properties of nickel hydroxides. 09 p1458 A67-22183
- MORIGNOT, P.**
Dispersion formula for waveguides loaded through irises with rounded inner edges /Formule de dispersion des guides d'ondes charges par des iris a bord interieur arrondi/. 04 p0579 A67-14415
- MORIKAWA, G. K.**
Steady, oblique, nonlinear waves in a warm collision-free plasma. 05 p0857 A67-17425
- MORIKAWA, T.**
An experimental study on physical properties of combustion gas. 09 p1580 A67-22151
- MORIN, G.**
Characteristics of ventilated airfoil sections in a free jet /Caracteristiques des profils ventiles dans un jet libre/. 05 p0793 A67-17321
- MORINE, L. A.**
A description of the CMG and its application to space vehicle control. [AIAA PAPER 67-589] 19 p3336 A67-35985
- MORINO, L.**
Unsteady aerodynamic field with application to panel flutter /Campo aerodinamico non stazionario con applicazione al "panel flutter"/. 08 p1418 A67-20608
- MORIOKA, A.**
Frequency analysis of the geomagnetic pulsations. 11 p1786 A67-24332
- MORIOKA, S.**
Flow of a conducting gas past thin wedge. 17 p2902 A67-32671
- MORISAKI, H.**
Transport phenomena and microwave generation in bulk InSb crystal at high electric and magnetic fields. 20 p3514 A67-37544
Two types of microwave emission from InSb. 21 p3683 A67-38403
- MORITA, A.**
Shallow donor potential in silicon. 03 p0493 A67-13363
Chemical shifts of shallow donor levels in silicon. 06 p1061 A67-18925
- MORITA, M.**
Star system. I. 13 p2067 A67-26717
- MORITA, T.**
Measurements of the charged particles of an equilibrium turbulent plasma. 02 p0275 A67-12550
Microwave scattering from an underdense turbulent plasma. 05 p0780 A67-15999
Boundary-layer ion density profiles as measured by electrostatic probes. [AIAA PAPER 66-159] 05 p0856 A67-17345
Green's-function theory of nonlinear transport coefficients. 12 p1967 A67-25846
A mathematical model of the visual system. 20 p3375 A67-37543
- MORITA, Y.**
Si-Si oxide interface. 02 p0293 A67-11751
Fine structure of nuclear quadrupole resonance line of N super 14 in hydrazine. 21 p3688 A67-38418
- MORKOVIN, M. V.**
Unsteady control surface loads of lifting re-entry vehicles at very high speeds. [AIAA PAPER 67-15] 07 p1258 A67-19430
- MORLEY, D. C. W.**
Spatial coherence and mode structure in the He-Ne laser. 24 p4167 A67-42091
- MORLEY, J. G.**
Fibre reinforced metals. 03 p0456 A67-13893
- MORLEY, L. S. D.**
Some variational principles in plate bending problems. 01 p0162 A67-10850
- MORLOT, G.**
Induced absorption in the far infrared by impurities and defects of a single crystal of potassium bromide /Absorption induite dans l'infrarouge lointain par les impuretes et les defauts d'un monocristal de bromure de potassium/. 09 p1557 A67-22571
Far-infrared electronic transitions in solids. 13 p2178 A67-27085
Optical constants of seven ionic crystals at low temperature in the far infrared - Difference process - Role of impurities /Constantes optiques de sept cristaux ioniques a basse temperature dans l'infrarouge lointain - Processus de difference - Role des impuretes/. 14 p2374 A67-28986
- MORNEAU, G. A.**
Behavior of a 500 deg F thermoplastic under various environmental influences. 22 p3825 A67-39858
- MOROKUMA, T.**
A simple method for the construction of Fabry-Perot etalons. 14 p2315 A67-27830
- MOROLEV, N. V.**
The role of nitrogen in the oxidation of titanium in air at elevated temperatures. 21 p3643 A67-37828
- MORONEY, W.**
High power pulsed avalanche diode oscillators for microwave frequencies. 19 p3196 A67-35627
- MORONEY, W. J.**
Integrated microwave switching. 14 p2280 A67-28013
- MOROSOV, V. N.**
Theory of pulsating conditions for lasers. 05 p0820 A67-16662
- MOROSOW, G.**
Dynamic characteristics of Titan III. [SAE PAPER 660684] 01 p0154 A67-10588
- MOROWITZ, H.**
Life in the clouds of Venus/ques/. 22 p3750 A67-39556
- MOROWITZ, H. J.**
The micrometazoa as model systems for studying the physiology of memory. 20 p3369 A67-36657
- MOROZ, A. I.**
Synthesis problem of time-optimal control for discrete plants. 18 p3017 A67-33872
- MOROZ, V. I.**
The spectra of Jupiter and Saturn in the 1.0-2.5 mu region. 04 p0701 A67-15557
Physics of Planets /Fizika Planet/. 21 p3707 A67-38933
- MOROZAN, T.**
The method of V. M. Popov for control systems with random parameters. 05 p0784 A67-16777
- MOROZKIN, A. A.**
Practical utilization of data from meteorological satellites /Prakticheskoe ispol'zovanie dannyykh meteorologicheskikh sputnikov/. 10 p1876 A67-23017
- MOROZKIN, V. V.**
Negative differential resistances and inductive effects in silicon carbide /Otritsatel'nye differentsial'nye soprotivleniya i induktivnye efekty v karbide kremniya/. 04 p0679 A67-15136
- MOROZOV, A. E.**
Nuclear cascade process in an ionization calorimeter /Iadernokaskadnyi protsess v ionizatsionnom kalorimetre/. 02 p0248 A67-12747
Choice of optimum Mach number for a flow of a nonequilibrium helium-cesium plasma in an MHD generator duct /Vybor optimal'nogo chisla Makha pri techenii neravnovesnoi gellevo-tsezevol'noy plazmy v kanale MGD generatora/. 18 p2604 A67-30570
Nuclear cascade processes in an ionization calorimeter. 22 p3801 A67-40249
Measurement of the energy fraction transferred to pi super 0 mesons at energies of hundreds of Gev /Izmerenie doli energii, peredavaemoy pi super 0 -mezonam pri energiyakh v sotni Gev/. 24 p4218 A67-42833
Cross section of interaction between nuclear-active particles and nuclei of iron atoms at energies from 100 to 1000 Gev /Sechenie vzaimodeistviya iadernno-aktivnykh chastits s iadrami atomov zheleza v intervalle energii 100-1000 Gev/. 24 p4219 A67-42849
Study of nuclear-cascade avalanches in iron /Izuchenie iadernokaskadnykh lavin v zheleze/. 24 p4219 A67-42850
- MOROZOV, A. I.**
Distribution of the magnetic field in a plasma coaxial injector /Raspredeleeniye magnitnogo polia v koaksial'nom inzhektor plazmy/. 11 p1841 A67-24854
Calculation of two-dimensional unsteady plasma flows of finite conductivity in the presence of the Hall effect /Raschet dvumernykh nestatsionarnykh techenii plazmy konechnoi provodimosti pri nalichii effekta Kholla/. 13 p2168 A67-27301
Certain properties of conducting-gas flows in a magnetic field /Nekotorye svoystva techenii provodiaschego gaza v magnitnom pole/. 17 p2898 A67-32185
Equilibrium configurations of uniformly accelerated axially symmetric plasmoids. 20 p3498 A67-36685
Magnetic field distribution in a coaxial plasma injector. 20 p3502 A67-37537
Influence of the finite conductivity on the two-dimensional flow of plasma in a coaxial channel /Vliyanie konechnoi provodimosti na dvumernoe techenie plazmy v koaksial'nom kanale/. 21 p3665 A67-38240
Theory of focusing of a quasineutral beam by axially symmetric electromagnetic fields. 23 p4035 A67-41682
Active ultrasonic delay line. 24 p4130 A67-42237
- MOROZOV, E. M.**
Analysis of cracks as a method of estimating failure characteristics. 09 p1575 A67-22166
- MOROZOV, E. P.**
Injection luminescence of epitaxial heterojunctions in the GaP-GaAs system /Inzhektionsnaya luminesstentsiya epitaksial'nykh geteroperekhodov v sisteme GaP-GaAs/. 09 p1554 A67-21975
Injection luminescence of epitaxial heterojunctions in the GaP-GaAs system. 17 p2923 A67-33312
- MOROZOV, G. A.**
Calculating the penetration factor of a plane triode /O raschete pronyzaniya ploskogo trioda/. 05 p0774 A67-16937
- MOROZOV, I. U. N.**
Magnetic, microwave and electric properties of some oxide compounds of divalent europium. 16 p2733 A67-31732
- MOROZOV, M. G.**
Supersonic flow past bodies of rotation with circular grooves /Sverkhzvukovoe obtekanie tel vrashcheniya s kol'tsevyimi ugлубleniyami/. 05 p0751 A67-17480
Electrodynamical structure of a plasmatron jet /Elektrodinamicheskaya struktura strui plazmatrona/. 11 p1832 A67-24027
- MOROZOV, N. F.**
Investigation of nonlinear oscillations of thin plates with allowance for damping /Issledovanie nelineynykh kolebaniy tonkikh plastin s uchedom zatukhaniya/. 15 p2575 A67-29887
- MOROZOV, V. A.**
Optimal choice of the parameters of a communication channel in random coding /Ob optimal'nom vybere parametrov kanala svyazi pri sluchainom kodirovani/. 05 p0764 A67-16901

- Optimum selection of parameters of a transmission channel in the case of random coding. 16 p2622 A67-30877
- Sequential decoding with optimal error probability /O posledovatel'nom dekodirovani/, optimal'nom po verolnostni oshibki/. 19 p3185 A67-36096
- MOROZOV, V. M.**
Certain problems concerning the stability of the rotation of a gyrost at about a point fixed on the surface of the rotating earth /Nekotorye zadachi ustoiichivosti vrashcheniia girostata vokrug tochk, zakreplennoi na poverkhnosti vrashchalushcheisia zemli/. 18 p3078 A67-33555
- MOROZOV, V. N.**
Effect of nonuniformity of molecular emission on oscillation frequency of a maser oscillator. 01 p0089 A67-10395
Theory of undamped intensity pulsations in lasers. 03 p0437 A67-13208
Amplification of spontaneous radiation in an inversely populated medium. 03 p0438 A67-14186
Laser operating regimes with a resonator Q-factor depending on the radiation field power /Rezhimy raboty kvantovykh generatorov s dobrotnost'iu rezonatora, zavislashchei ot intensivnosti polia izlucheniia/. 15 p2499 A67-29722
Generation of ultrashort coherent-light pulses /Generatsiia ul'trakorotkikh impul'sov kogerentnogo sveta/. 16 p2702 A67-31042
Output pulsations in a maser. 21 p3638 A67-37941
- MOROZOV, V. P.**
Comparative study of the force constant of the hydrogen peroxide and disulphane molecules. 22 p3757 A67-39583
- MOROZOV, V. S.**
Simulation of the biological effect of a depth dose of monoenergetic proton flux. 07 p1133 A67-19114
- MOROZOVA, G. G.**
Measurement of electron temperature in a low-voltage cesium arc. 02 p0275 A67-12470
- MOROZOVA, N. P.**
A study of the cumulative effect of impact acceleration /Issledovanie kumulativnogo deistviia udarnykh peregruzok/. 16 p2612 A67-30904
- MOROZOVA, S. O.**
S sub D variations of the geomagnetic field in Yakutsk and solar activity /S sub D - variatsii geomagnitnogo polia v Iakutskie i solnechnaia aktivnost'/. 21 p3623 A67-39041
- MOROZUMI, H. M.**
Examples of positive correlation between VLF chorus and CNA. 08 p1327 A67-21374
- MORRIS, A. W. H.**
An investigation of the fatigue behavior of tungsten-reinforced and steel-reinforced silver composites. 14 p2337 A67-28422
- MORRIS, B. V.**
Integrated reliability program for Scout research vehicle. 18 p3139 A67-34702
- MORRIS, D.**
Evidence for an association between magnetic field and gas outflow from a spiral arm. 13 p2198 A67-28791
- MORRIS, E. E.**
Filament-wound structures. 11 p1811 A67-25008
The performance of glass filament-wound pressure vessels with metal liners at cryogenic temperatures. [ASTM PAPER 17] 18 p3067 A67-34578
- MORRIS, E. W.**
Human factors in general aviation accidents. 23 p3971 A67-41708
- MORRIS, G.**
Proposal for fog penetrating imaging device. 05 p0809 A67-17512
Interferometric effect with semiconductors in the millimeter-wave region. 20 p3510 A67-37025
- MORRIS, G. J.**
Ultrahigh-frequency intensity-modulated light from a plasma. 13 p2167 A67-27082
- MORRIS, J.**
Fuselage configuration studies. [SAE PAPER 670370] 18 p2985 A67-33568
- MORRIS, J. C.**
Bremsstrahlung and recombination radiation of atomic and ionic oxygen. 19 p3299 A67-36093
- MORRIS, J. E.**
Computer-aided engineering writing - Test procedures for Apollo spacecraft. 23 p3976 A67-41055
- MORRIS, J. G.**
The effect of precipitation of MnAl sub 6 upon the recrystallization characteristics of aluminum-manganese alloys. 06 p1015 A67-17810
- MORRIS, J. L.**
Design criteria for externally pressurized gas bearings for operation at high temperatures and high speeds. [ASLE PAPER 66AM 4B2] 08 p1336 A67-21040
- MORRIS, O. A.**
Recent research results in the aerodynamics of supersonic vehicles. [AIAA PAPER 65-717] 03 p0354 A67-12914
Wind-tunnel sonic-boom testing techniques. [AIAA PAPER 66-765] 13 p2091 A67-27594
- MORRIS, P. A. C.**
Theory and practice of log-periodic aerials. 15 p2454 A67-30139
- MORRIS, R. L. K.**
Weld reliability of a space structure. 09 p1506 A67-22308
- MORRIS, R. W.**
Ionospheric drift measurements at Ibadan during the I.Q.S.Y. 16 p2663 A67-30969
- MORRIS, V. B.**
A scientific station on the moon. [AIAA PAPER 67-117] 06 p0980 A67-18286
Scientific studies on the moon. 15 p2553 A67-29300
- MORRIS, W. D.**
Heat transfer characteristics of a closed loop rotating thermosyphon. 04 p0731 A67-15828
- MORRISSETTE, E. L.**
Use of moderate-length hot wires to survey a hypersonic boundary layer. 19 p3212 A67-35765
- MORRISON, D. F.**
Hole size effect on hemisphere pressure distributions. 13 p2220 A67-27193
- MORRISON, D. L.**
Requirements for a giant forging press. 21 p3634 A67-38198
- MORRISON, J.**
Electronic joining by the percussive arc method. 12 p1948 A67-25269
Short-range shock-measuring telemetry system. 21 p3581 A67-38395
- MORRISON, J. A.**
Slightly damped librations. 08 p1424 A67-21435
- MORRISON, M. E.**
Liquid fuel - Air combustion. I, II. [CI PAPER 67-2] 19 p3309 A67-34997
- MORRISON, N.**
Smoothing and extrapolation of time series by means of discrete Laguerre polynomials. 16 p2697 A67-31418
- MORRISON, P.**
Omnidirectional inverse Compton and synchrotron radiation from cosmic distributions of fast electrons and thermal photons. 05 p0882 A67-16404
- MORRISON, T. S.**
Analysis of a programmed multipulse laser range measurement system. 23 p4016 A67-41265
- MORRISSEY, J. F.**
Falling sphere density measurements. 07 p1181 A67-19938
Importance of thermistor mount configuration to meteorological rocket temperature measurements. 23 p4025 A67-41446
- MORRONE, T.**
Power series expansion of the electron velocity distribution function. 21 p3661 A67-37745
- MORROW, F.**
Machining damage studies in beryllium. 13 p2123 A67-27133
- MORROW, W. E., JR.**
An overview of satellite communications, both past and in the future. 16 p2622 A67-30689
- MORSE, D. L.**
Electron-cyclotron instability experiment. 11 p1828 A67-23892
- MORSE, F. H.**
Microwave measurement of the electron density in an expanding flow. [AIAA PAPER 67-704] 21 p3872 A67-38731
- MORSE, F. L.**
Experimental comparison of scattering of coherent and incoherent light. 09 p1510 A67-21600
- MORSE, M. J.**
The present air traffic control system - Its effect on business aircraft operations. 14 p2347 A67-28317
- MORSE, R. L.**
End losses from a linear theta pinch. 08 p1362 A67-21149
Ballooning of beta equal 1 plasmas with sharp boundaries. 08 p1365 A67-21411
Bounce model pinch stability. 16 p2718 A67-31227
Adiabatic time development of linear theta-pinch plasma profiles. 21 p3662 A67-37754
- MORSE, S. P.**
On searching a contour map for a given terrain elevation profile. 19 p3232 A67-35926
- MORSE, T. F.**
Kinetic models for a gas with internal structure. 11 p1775 A67-23864
Kinetic theory of heat transfer for a gas with internal degrees of freedom. 13 p2100 A67-26959
- MORSELL, A. L.**
Techniques for conducting shock tube experiments with mixtures of ultrafine solid particles and gases. 20 p3414 A67-36516
- MORTENSEN, R. E.**
Stochastic optimal control with noisy observations. [ASME PAPER 66-WA/FE-6] 11 p1770 A67-24276
- MORTENSON, W. P.**
Aeroelastic problems as found in a large antenna system. [ASME PAPER 67-VIBR-39] 11 p1777 A67-24194
- MORTIMER, R. W.**
Solution of one-dimensional elastic wave problems by the method of characteristics. 23 p4072 A67-40610
- MORTLEY, W. S.**
Dispersors for pulse compression systems. I. 04 p0574 A67-15054
Dispersors for pulse compression systems. III. 04 p0574 A67-15056
- MORTON, A. H.**
The accumulation of energetic ions in a mirror machine by resonant non-adiabatic trapping. 12 p1969 A67-25248
- MORTON, D. C.**
The far-ultraviolet spectra of six stars in Orion. 11 p1861 A67-24488
Far-ultraviolet interstellar absorption lines in delta and pi Scorpii. 19 p3330 A67-36075
Far ultra-violet spectra of Orion stars. 22 p3882 A67-39555
- MORTON, H. S., JR.**
Analysis of intensity and speed distribution of a molecular beam from a nozzle source. 14 p2301 A67-28186
- MORTON, J. A.**
A systems approach to reliability. 15 p2448 A67-29800
- MORTON, V. M.**
Multi-photon absorption in monatomic gases. 24 p4190 A67-42098
- MORTON, W. A.**
Influence of the terrestrial environment on the temporal and statistical characteristics of Jovian decametric radiation. [RASA PAPER 1-10-134] 03 p0373 A67-14245
- MORTON, W. C.**
Design procedures for a multi-element fluidic plate using wall-attachment devices. 08 p1281 A67-20452
- MORUGA, G. A.**
Heat transfer in a gas container during depletion /Teploobmen v gazovoi emkosti pri oporozhnenii/. 07 p1267 A67-19324
- MOSANOV, O.**
Influence of the current-carrier concentration gradient in InSb on the field-dependence of reluctance and of the Hall effect /Vliianie gradienta kontsentratsii nositelei toka v InSb na polevuiu zavisimost' magnetosoprotivleniia i efekta Kholla/. 13 p2173 A67-26360
Nernst-Ettingshausen transverse effect in the intrinsic-conductivity region of indium antimonide /Poperechnyi effekt Nernsta-Ettingsgauzena v antimonide indii v oblasti sobstvennoi provodimosti/. 19 p3300 A67-34763
Influence of a carrier density gradient in InSb on the field dependence of the magnetoresistance and of the Hall effect. 21 p3680 A67-38317
- MOSBURG, E. R., JR.**
Recombination of He super plus and He super plus plus in the afterglow of a helium discharge. 04 p0672 A67-15774

MOSBY, L. B.

Ground loads for aircraft with multiple wheels and multiple landing gear and with requirements for semi-improved airfield operations.

[AIAA PAPER 65-711] 03 p0360 A67-13781

MOSCA, E.

A pulse compression parallel channel technique. 11 p1754 A67-24648
Sidelobe reduction in phase-coded pulse compression radars. 12 p1908 A67-26092
Systematic tracking inaccuracies in monopulse phased arrays produced by analog phase shifters with nonlinear transfer characteristics. 17 p2825 A67-32617

MOSEENKOV, B. I.

Application of asymptotic methods of nonlinear mechanics to the investigation of single-frequency vibrations of girders /Primenenie asimptoticheskikh metodov nelineinoy mekhaniki dlia issledovaniia odnochastotnykh kolebaniy balok/. 17 p2962 A67-32881

MOSELEY, R. E.

Dielectric - Highly efficient low noise antenna feeds. 04 p0590 A67-15903

MOSELEY, W. B.

The velocity probability density of upper atmospheric turbulence. 14 p2346 A67-28058

MOSER, J.

Quasi-periodic solutions for the three-body problem. 01 p0148 A67-10382

MOSER, J. F.

Interferometry of resonator modes in submillimeter wave lasers. 13 p2129 A67-27347

MOSER, J. F.

Resonator modes and splitting of the 0.337-mm emission of the CN laser. 23 p4012 A67-40893

MOSER, L. J.

Compact, high-powered, frequency multipliers for S-band telemetry frequencies. 14 p2288 A67-28692

MOSES, E. G.

Analysis of satellite power systems for maximum utilization of power. 24 p4108 A67-42540

MOSES, F.

Optimum structural design with failure probability constraints. 14 p2399 A67-28122

MOSES, H. L.

The effect of aspect ratio and offset on nozzle flow and jet reattachment. 14 p2303 A67-28334

Turbulent boundary layers in diffusers exhibiting partial stall.

[ASME PAPER 66-WA/FE-14] 23 p3989 A67-40929

MOSETTI, F.

The periodical components of the Piccardi D-test. 06 p0994 A67-17638

MOSHARRAFA, M.

Application of mass spectrometry to the study of gaseous plasmas. 05 p0851 A67-16381

MOSHER, C. H.

The achievement of high efficiency in Gunn effect devices. 10 p1616 A67-23535

MOSHER, D.

Shear stabilization of a potassium plasma. 12 p1975 A67-25476

MOSHER, R. S.

Manipulators for astronauts. 11 p1749 A67-25011

MOSHMAN, J.

Random number generation. 09 p1468 A67-22052

MOSKALENKO, A. M.

Distribution of the concentration and density of the particle flux in the vicinity of a small body, moving in a rarefied plasma /Rasprezheniye kontsentratsii i plotnosti potoka chastits v okrestnosti malogo tela, dvizhushchegosia v razrezhennoi plazme/. 05 p0855 A67-17122

Drag on bodies moving in a rarefied plasma. 12 p1892 A67-25536

Distribution of the concentration and density of a particle flux in the vicinity of a small body moving in a rarefied plasma. 21 p3668 A67-38465

MOSKALENKO, I. U. E.

Dynamics of intracranial pressure and of blood content in the cranial cavity at transverse accelerations up to 40 g /Dinamika krovenapolneniia polosti cherepa i vnutricherepnogo davleniia pri poperechnykh peregruzkakh do 40 ed./ 13 p2057 A67-26456

Dynamics of pulse waves of intracranial pressure in the case of transverse overloads of up to 40 g /Dinamika pul'sovykh voln

vnutricherepnogo davleniia pri poperechnykh peregruzkakh do 40 ed./ 15 p2430 A67-30229

MOSKALENKO, M. A.

Structure of the disturbed zone in the vicinity of a cylindrical body in plasma. 07 p1250 A67-19811

MOSKALENKO, S. A.

Infrared absorption by excitons due to photolization and intraband lattice scattering. 09 p1552 A67-21670

Effect of Coulomb long-range interaction on the linear Zeeman effect for dipole-active excitons in cubic crystals /O vliianii Kulonovskogo dal'nodelstviia na lineinyi effekt Zeemana u dipol'no-aktivnykh eksitonov v kubicheskikh kristallakh/. 13 p2173 A67-26365

MOSKALENKO, V. A.

Investigation of the magnetic properties of double-band superconductors in the vicinity of the upper critical field /Issledovanie magnitnykh svoystv dvukhzonnykh sverkhprovodnikov v okrestnosti verkhnego kriticheskogo polia/. 03 p0500 A67-14196

Specific features of the plastic deformation in titanium at low temperatures /Osobennosti plasticheskoi deformatsii titana pri nizkikh temperaturakh/. 04 p0636 A67-14752

Inclusion of Coulomb interaction in the two-zone model of a superconductor. 08 p1369 A67-20838

Electrodynamics of two-band superconductors - Neighborhood of the upper critical field /K elektrodinamike dvukhzonnykh sverkhprovodnikov - Okrestnost' verkhnego kriticheskogo polia/. 13 p2184 A67-27630

Study of magnetic properties of two-band superconductors in the vicinity of the upper critical field. 14 p2389 A67-28541

Thermodynamics of two-zone superconductors with a nonmagnetic impurity /Termodinamika dvukhzonnykh sverkhprovodnikov s nemagnitnoi primeslu/. 14 p2389 A67-28672

Characteristics of plastic deformation of titanium at low temperatures. 18 p3066 A67-34410

Electrodynamics of two-band superconductors in the neighborhood of the upper critical field. 21 p3685 A67-38828

Thermodynamic properties of superconductors with a nonmagnetic impurity - Allowance for the overlapping of the energy bands /Termodinamicheskie svoystva sverkhprovodnikov s nemagnitnoi primeslu - Uchet perekrytiia energeticheskikh polos/. 24 p4203 A67-42162

MOSKALENKO, V. N.

Random thermoelastic stresses in shells /Sluchainye termouprugie napriazheniia v obolochkakh/. 12 p2022 A67-25587

Stochastic edge effects in axisymmetric problems of thermoelasticity for circular cylindrical shells /Stokhasticheskie kraevye efekty v osesimmetrichnykh zadachakh termouprugosti dlia krugovykh tsilindricheskikh obolochek/. 21 p3718 A67-37979

MOSKALEV, B. I.

Nature of a plasma inside a hollow cathode /O prirode plazmy vnutri pologo katoda/. 19 p3274 A67-35102

MOSKALEVA, L. P.

On the radioactivity of lunar rocks. 18 p3122 A67-34142

MOSKALEVA, N. V.

Phase composition and some properties of alloys of the system molybdenum-nickel-boron. 16 p2691 A67-31595

MOSKO, J. A.

Synthesis and design of wide-band equal-ripple TEM directional couplers and fixed phase shifters. 02 p0214 A67-11778

MOSKOWITZ, S.

Visual aspects of trans-stellar space flight. 12 p2009 A67-26233

An approach to autonomous orbital navigation. 22 p3830 A67-39179

MOSKOWITZ, S. E.

Collision paths. 02 p0328 A67-12403

MOSKOWITZ, S. L.

Experimental results of a transpiration-cooled turbine operated in an engine for 150 hours at 2500 F turbine inlet temperature. [ASME PAPER 67-GT-29] 11 p1854 A67-24807

MOSKVIN, I. U. L.

Geomagnetic micropulsations and the solar wind /Geomagnitnye mikropul'satsii i solnechnyi veter/. 10 p1699 A67-22797

Magnetic hydrodynamics of the exosphere of the earth /K magnitnoi gidrodinamike zemnoi ekzosfery/. 18 p3042 A67-34391

Geomagnetic micropulsations and the solar wind. 24 p4209 A67-42133

MOSKVIN, L. L.

The effect of saturation of solid-state masers on their phase characteristics. 11 p1800 A67-24468

MOSKVIN, V. V.

Rotation of an elastoplastic rod after bending /Vrashchenie predvaritel'no izognutogo uprugoplasticheskogo sterzhnia/. 06 p1107 A67-18635

MOSOLOVA, V. A.

Turbulent fluid flows in annular and plane gaps /O turbulentnykh techeniakh zhidkosti v kol'tsevykh i ploskikh zazorakh/. 24 p4142 A67-42213

MOSS, E. B.

Influence of IR frequencies on tracking for optical communication. 22 p3762 A67-39960

MOSS, T. A.

Materials technology presently available for advanced Rankine systems. 07 p1223 A67-19460

MOSS, T. S.

The conduction bands in 6H and 15R silicon carbide. I. 18 p3102 A67-34278

The conduction bands in 6H and 15R silicon carbide. II. 18 p3102 A67-34279

MOSS, W. W.

The status and future of inertial systems in airline use. [AIAA PAPER 67-396] 15 p2515 A67-30363

MOST, H.

Optimization of network configurations in a hybrid satellite and ground communication system. 06 p0959 A67-17670

MOST, W. J.

The ignition transient in solid propellant rocket motors. 05 p0873 A67-16513

MOSTIPAN, V. K.

Ageing kinetics of alloys on the system Al-Si-Cu-Mg with modifying additions. 08 p1342 A67-20806

MOSTOVOY, S.

Use of crack-line-loaded specimens for measuring plane-strain fracture toughness. 22 p3820 A67-39630

MOSZYNSKI, J. R.

End losses in MHD channels of variable cross-section and their reduction. 16 p2606 A67-30585

MOTAL, G.

Some factors influencing the peak current of tunnel diodes. 15 p2449 A67-29808

MOTE, C. D., JR.

Transient thermal stress and associated natural frequency variations in circular disk elements. [ASME PAPER 66-WA/MD-2] 04 p0629 A67-15347

MOTHERSHED, C. T.

Low-density gas flow in short tubes. [ASME PAPER 66-WA/PID-8] 04 p0606 A67-15331

MOTLEY, R. W.

Direct measurement of the confinement time of cesium plasma in a Q device. 11 p1835 A67-24385

Electron cyclotron resonance heating of alkali plasmas. 11 p1838 A67-24407

Direct measurement of the confinement time of cesium plasma in a Q-device. 18 p3093 A67-34757

MOTLOKHOV, V. V.

Optimum and suboptimum filtering of spatial signals. 07 p1158 A67-20238

Optimal filtering of spatial signals of known shape on a random noise background /Optimal'naya filtratsiia prostranstvennykh signalov izvestnoi formy na fone sluchainykh pomekh/. 13 p2069 A67-27039

MOTORNENKO, A. P.

Investigation of the operation of jet-engine type combustion chambers under unsteady conditions /Issledovanie raboty kamer sgoraniia vozdušnoreaktivnogo tipa na rezhimakh neustoiichivosti/. 21 p3696 A67-38909

MOTORNENKO, O. P.

Superhigh-frequency source for excitation of molecular spectra /Nadvisokochastotnoe dzhereio dlia zbudzhennia molekuliarnykh spektriv/. 16 p2704 A67-31478

MOTSCH, C.

Integrated MOS analog gate for space telemetry switches /Porte analogique integree a MOS pour commutateur de

- telemesures spatiales/. 21 p3592 A67-38227
- MOTSCHMANN, H.**
Comparison of various temperature-measurement procedures in an SF sub 6 arc plasma with reaction separation /Vergleich verschiedener Temperaturmessverfahren in einem SF sub 6 -Bogenplasma mit Reaktionsentmischung/. 10 p1684 A67-22892
- MOTT, H.**
The fields of an electric dipole in motion. 10 p1679 A67-22730
The harmonics produced by a pin diode in a microwave switching application. 13 p2075 A67-26478
- MOTT, J. R.**
Gyroscopes for space missions. 14 p2322 A67-29084
- MOTULEVICH, V. P.**
Approximate method for calculating the electron concentration in the turbulent boundary layer of a weakly ionized plasma /Priblizhennyi metod rascheta konsentratsii elektronov v turbulentnom pogranichnom sloe slabo ionizirovannoi plazmy/. 18 p3087 A67-34053
- MOTYCKA, D. L.**
Use of statistically designed experiments in wind-tunnel test programs. [AIAA PAPER 66-742] 17 p2834 A67-32571
- MOTYLKOV, L. A.**
Relative motion of an astatic gyrovertical /Otnositel'noe dvizhenie astaticheskoi girovertikal/. 16 p2670 A67-30465
- MOTZ, H.**
Microwave emission from indium antimonide. 17 p2914 A67-32375
Plasma oscillations. [AFOSR-66-2823] 19 p3299 A67-35871
The Gunn effect /Der Gunn-Effekt/. 21 p3684 A67-38444
The radio-frequency confinement and acceleration of plasmas. 22 p3851 A67-39772
- MOTZ, R.**
Diffusion and instabilities in "Q" machine plasmas. 11 p1830 A67-24005
- MOTZ, R. O.**
Optical study of a barium Q-plasma. 11 p1838 A67-24406
- MOTZ, T.**
Application of elliptic integrals and their derivation through series or closed-form approximations /Anwendung elliptischer Integrale und ihre Berechnung durch Reihen oder geschlossene Naeherungen/. 24 p4178 A67-42205
- MOUCKA, J.**
Ballistocardiographic analysis, dual Masterov examination, and glucose study of middle-aged pilots - Evaluation of the tests and comparison with clinical results /Ballistokardiograficke vysetreni, dvojita Masterova zkouska a zkouska s glukosou u pilotu stredniho veku - Validita zkousek a srovnani s klinickym nalezem/. 14 p2255 A67-28223
- MOUL, M. T.**
Analysis of deep-stall characteristics of T-tailed aircraft configurations and some recovery procedures. [AIAA PAPER 66-13] 03 p0350 A67-12912
- MOULIC, E. S.**
Induced pressure measurements on a sharp-edged insulated flat plate in low density hypersonic flow. 14 p2241 A67-28164
- MOULIN, M. Y.**
Preparation and study of the crystallographic properties of thin-film PbTe vacuum-vaporized onto amorphous or oriented substrates /Preparation et etude des proprietes cristallographiques du PbTe en couches minces evaporees sous vide, sur des substrats amorphes ou orientes/. 19 p3304 A67-35422
- MOULINIER, P.**
Study of the influence of initial conditions on the transient states of linear systems - Practical applications to optimized systems /Wiener-Newton/ /Contribution a l'etude de l'influence des conditions initiales sur les regimes transitoires des systemes lineaires - Applications pratiques aux systemes optimises /Wiener-Newton//. 19 p3205 A67-35909
- MOULTON, L. J.**
Some aircraft gas turbine environmental challenges for the control designer. [SAE PAPER 670140] 09 p1560 A67-22541
- MOUNIS, G.**
Heating problems of hypersonic reentries /Les problemes thermiques des reentrees hypersoniques/. 17 p2970 A67-32828
- MOURADIAN, G.**
Tolerance limits for assemblies and engineering relationships. 05 p0813 A67-17258
- MOURIER, G.**
Study of the properties of SHF plasmas /Etude sur les proprietes des plasmas en hyperfrequences/. 24 p4194 A67-41911
- MOURITSEN, T. E.**
Small liquid propulsion systems testing in a space environment simulator. 13 p2089 A67-26840
- MOUSSEZ, C.**
The heat pipe and the thermosiphon for cooling gas turbine blades /Le caloduc et le thermosiphon pour le refroidissement des aubes de turbines a gaz/. 05 p0874 A67-18747
- MOUSSIN, C.**
New solutions to the major problems of high-vacuum enclosures, joints, seals, and degassing /Solutions nouvelles aux problemes majeurs des enceintes a ultra-vide, joints, fermeture, degazage/. 17 p2802 A67-32300
- MOUTET, A.**
Recent results obtained on hybrid or lithergol systems /Resultats recents obtenus sur les systemes hybrides ou a lithergols/. 01 p0139 A67-11416
Liquid-solid rockets. 20 p3516 A67-36487
- MOUTOUX, T. J.**
Current mode second breakdown in epitaxial planar transistors. 07 p1156 A67-19897
- MOUTSOULAS, M.**
Resonance cases and small divisors in a third integral of motion. 03 p0457 A67-13164
- MOUTSOULAS, M. D.**
A contribution to the study of the moon's physical libration in longitude. 18 p3129 A67-34306
- MOUTZITHROPOULOS, C.**
Some aspects of the therapy of cardiac insufficiency in the state of subgravity or weightlessness. 16 p2612 A67-30773
- MOVCHAN, E. O.**
Characteristics of contacts sealed in germanium of high electron conductance, in strong electrical fields /Delaki vlastivosti kontaktiv, vplavlennikh v germanii z elektronnoi providnisti, v sil'nikh elektrichnikh poliax/. 02 p0300 A67-12480
- MOVESIAN, L. A.**
An invariant transformation of equations of one-dimensional unstabilized motions of an ideal compressible fluid /Ob odnom invariantnom preobrazovanii uravnenii odnomernykh neustanovivshikhsia dvizhenii ideal'noi szhimaemol zhidkosti/. 10 p1628 A67-23678
On an invariant transformation of equations of one-dimensional unsteady motion of an ideal compressible fluid. 21 p3612 A67-38279
- MOVSHOVICH, I. M.**
Self-oscillations of axial-compressor blades /Ob avtokolebaniiakh lopatok oseвого kompressora/. 21 p3727 A67-38835
- MOVSISIAN, L. A.**
Flutter of a variable-length foil /O flattere plastinki peremennoi dliny/. 22 p3910 A67-39454
- MOW, C. C.**
Dynamic stresses around a fluid-filled cavity. 05 p0908 A67-16136
- MOW, V. C.**
Microslips between contacting paraboloids. [ASME PAPER 67-APM-12] 15 p2505 A67-30149
Microslips between contacting paraboloids. [ASME PAPER 67-APM-12] 17 p2871 A67-32411
Effects of viscoelastic lubricant on squeeze film lubrication between impinging spheres. [ASME PAPER 67-LUB-24] 24 p4164 A67-42682
- MOWERS, R. E.**
Static and dynamic seals used on Rocketdyne engines. 17 p2884 A67-31990
- MOYANO, G.**
Second-order spectra of symmetric cyanine dyes. 22 p3757 A67-39444
- MOYER, H. G.**
Trajectory optimization techniques. 06 p1082 A67-17932
Discontinuous variational problems. 10 p1678 A67-23425
An analytic treatment of cotangential transfer. 14 p2384 A67-28134
- MOYER, K. H.**
Hot-pressing of electrolytic grade CR beryllium. 01 p0099 A67-10707
- MOYER, R. G.**
Gravity gradient stabilization of communication satellite systems. 06 p1094 A67-17680
- MOZER, F. S.**
Electric field measurements in the auroral ionosphere. 08 p1329 A67-21486
Inner-belt protons and radial diffusion. 20 p3518 A67-36998
- MOZGOVA, L. O.**
Correlation between the conductivity and microhardness of silicon /Korelatsiia mizh providnisti ta mikrotverdosti kremniiu/. 02 p0300 A67-12477
- MOZGOVAIA, E. A.**
Extremal control in the presence of noise at the input and output of a system. 20 p3408 A67-37072
- MOZHAROVSKII, M. S.**
Theoretical study of the deformation process in hardenable metals under cyclic thermal load /Teoretichne doslidzhennia protsesu deformuvannia metalu, shcho zmitsniueta, pri tsiklichnomu teplovomu navantazhenii/. 21 p3716 A67-37910
Stress relaxation and the endurance of metals under cyclic thermal load /Relaksatsiia napruzhenia i dovgovichnist' metalu pri tsiklichnomu teplovomu navantazhenii/. 22 p3912 A67-39686
- MOZHAROVSKII, N. S.**
Failure of heat-resisting alloys under thermal cyclic loads. 03 p0447 A67-14192
- MOZHHERIN, V. M.**
Astronomical telescope on the moon. 04 p0597 A67-15068
The optical radar method for measuring the parameters of the moon's figure and orbit. 12 p2002 A67-25647
Experimental determination of the coordinates of distant satellites with the aid of a TV system /Opyt opredeleniia koordinat dalekikh sputnikov s pomoshch'iu televizionnoi sistemy/. 16 p2621 A67-30683
- MOZZHORIN, I. U. D.**
Diffusion of Zn and Cd in indium arsenide /Diffuziia Zn i Cd v arsenide indii/. 19 p3299 A67-34760
- MRAVA, G. L.**
Aircraft oxygen systems - The next generation. 23 p3963 A67-41543
- MRAZEK, J.**
Coincidence of Es layer with omicron-cetids. 10 p1633 A67-22896
Application of vacuum equipment in semiconductor production /Vyuziti vakuovykh zarizenii pri vyrobe polovodcu/. 13 p2124 A67-27365
- MRKVICKA, V.**
Use of an analog computer for approximating real functions /Uziti analogovoho pocitace pri aproksimacii realnykh funkci/. 16 p2634 A67-30831
- MRUK, G. K.**
Low Reynolds number effects on hypersonic flow over a two-dimensional cylinder. 14 p2242 A67-28174
- MSHVELIDZE, G. G.**
Fiber laser without a resonator /Bezrezonatornyi volokonnyi lazer/. 08 p1337 A67-21203
- MUCCIARDI, A. N.**
Model for dropwise condensation on randomly distributed sites. 08 p1426 A67-20925
- MUCHA, Z.**
Determination of the energy input of an electric shock tube /Wyznaczanie energii dostarczanej do elektrycznej rurki uderzeniowej/. 05 p0786 A67-18248
Application of the theta-pinch effect for generation of strong shock waves. 11 p1773 A67-24592
- MUCHIN, S. V.**
The mode of operation of grid controlled photomultipliers. 14 p2277 A67-27769
- MUEHLBERGER, E.**
Arc jet efficiency and an insulated test environment. [AIAA PAPER 67-677] 21 p3691 A67-38710
- MUEL, J.**
Effect of 1-Mev electron radiation on silicon solar cells /Effet des irradiations par electrons de 1 Mev sur les photopiles au silicium/. 03 p0362 A67-12897
- MUELLER, B.**
Instrument testing for the 625 Al research satellite with the Nike-Apache BRD-Al high-

altitude research rocket /Instrumentenerprobung fuer den Forschungssatelliten 625 Al mit der Höhenforschungsrakete Nike-Apache BRD-Al/. 13 p2119 A67-26581

MUELLER, C. R.
Inversion of low-energy experimental He-He super plus elastic differential scattering sections to the super 2 sigma sub g super plus and super 2 sigma sub u super plus potentials. 17 p2889 A67-33257

MUELLER, D.
Neutral constituents of the upper atmosphere in the altitude range of 110 to 160 km above Sardinia. 10 p1839 A67-23213

MUELLER, E. A. W.
Nondestructive testing - Testing methods, special applications /Zerstörungsfreie Materialprüfung - Prüfverfahren, spezielle Anwendungen/. 12 p1948 A67-25138

MUELLER, E. K.
Heat-flux measurements at the insulation of cryogenic-propellant tanks /Die Messung des Waermefflusses an der Isolierung von Tanks fuer kryogene Treibstoffe/. 04 p0720 A67-14531
Oscillographic investigations of gas discharges in nitrogen and hydrogen at high pressures. II /Oszillographische Untersuchungen von Gasentladungen in Stickstoff und Wasserstoff bei hohem Druck. II/. 04 p0661 A67-15652

Heat-flux measurements at the insulation of cryogenic-propellant tanks /Die Messung des Waermefflusses an der Isolierung von Tanks fuer kryogene Treibstoffe/. 13 p2222 A67-26580

MUELLER, E.-A.
Experience with the automatic aircraft-noise monitoring equipment at the Frankfurt airport /Erfahrungen mit der automatischen Fluglaermueberwachungsanlage des Flughafens Frankfurt/Main/. 09 p1484 A67-21941

MUELLER, F.
Heat transfer by evaporation at high pressure /Waermeuebergang bei der Verdampfung unter hohen Druecken/. 21 p3732 A67-38499

MUELLER, F. M.
Approximate quantum numbers for d-band states in transition metals. 13 p2179 A67-27155

MUELLER, G.
Heat transfer from oxygen at high temperatures. 04 p0729 A67-15813
Mineral deposits on the moon. 21 p3711 A67-39119

MUELLER, G. E.
A review of the Gemini manned space flight program. 02 p0327 A67-12363
Scheduling manned space flight missions. 04 p0704 A67-14902
Apollo extension systems - Opportunities for advanced space applications. 08 p1391 A67-21066
Some applications of Apollo. 16 p2756 A67-30627
Apollo actions in preparation for the next manned flight. 19 p3334 A67-35928

MUELLER, H.
Honeycomb engine - A compact rocket engine concept. [AIAA PAPER 66-924] 02 p0303 A67-12276
Problem of thermoelastic wave expansion /Zum problem der Ausbreitung thermoelastischer Wellen/. 04 p0715 A67-15577
Honeycomb engine - A compact rocket engine concept. [AIAA PAPER 66-924] 15 p2545 A67-29435

MUELLER, H. G.
Atmospheric tides in the meteor zone. 05 p0803 A67-17405
An experiment for the measurement of chromospheric solar radiation /Ein Experiment zur Messung der chromosphaerischen Sonnenstrahlung/. 15 p2565 A67-29573

MUELLER, H. K.
Self aligning radial clearance seals. 10 p1659 A67-22707

MUELLER, H. R.
Switching mechanism in a jet amplifier. 14 p2248 A67-28268
Pneumatic diaphragm logic. 14 p2274 A67-28346

MUELLER, I.
On the entropy inequality. 22 p3918 A67-39742

MUELLER, J.
Honsel plastic-mold process /Das Honsel-Plastermoldverfahren/. 21 p3637 A67-38976

MUELLER, J. J.
Quantum-mechanical kinetic theory of loaded spheres. 06 p1038 A67-19045
Quantum-mechanical kinetic theory of loaded spheres. II. 10 p1682 A67-23383

MUELLER, J. N.
Viscous effects on hypersonic L/D of three classes of manned spacecraft. 22 p3742 A67-40113

MUELLER, K. G.
Theory of decompression sickness and its application to diving tables /Theorie der Druckfallbeschwerden und ihre Anwendung auf Tauchtabellen/. 11 p1748 A67-25036
Ion motion under the effect of charge-exchange collisions /Ionenbewegung unter dem Einfluss von Umladungsstoessen/. 13 p2162 A67-26269
Dielectric waveguides as plasma probes /Dielektrische Wellenleiter als Plasmasonden/. 13 p2120 A67-26859

MUELLER, O.
K-Ar age determinations on iron meteorites. III - Potassium and argon determinations /K-Ar-Altersbestimmungen an Eisenmeteoriten. III - Kalium-und Argon-Bestimmungen/. 02 p0326 A67-12045
Isotopic composition and abundance of lithium in meteoritic matter. 24 p4235 A67-42632

MUELLER, P.
Electrical resistance and magnetization of type II superconductors. 11 p1846 A67-24583

MUELLER, R. K.
Sound holograms and optical reconstruction. 03 p0420 A67-13570
On the theory of stimulated Brillouin scattering with Stokes feedback. 05 p0823 A67-16683
Conductance and capacitance of 6-deg tilt boundaries in p-type InSb. 20 p3504 A67-36173

MUELLER, R. R.
Considerations in the design of a guidance and control system for advanced interplanetary missions. 02 p0265 A67-12381

MUELLER, R. S.
Electron beam probing of semiconductor materials and devices. 15 p2450 A67-29813

MUELLER, S.
Seismic studies of the earth's crust in continents. II - Analysis of wave propagation in continents and adjacent shelf areas. 01 p0060 A67-10502

MUELLER, T. E.
Optimal cooperative rendezvous of linear single input systems. 15 p2458 A67-29909

MUELLER, T. J.
Hydraulic analog for the expansion-deflection nozzle. 14 p2297 A67-28136
Determination of the turbulent base pressure in supersonic axisymmetric flow. [AIAA PAPER 67-446] 18 p3026 A67-33922

MUELLER, W.
Velocity requirements and selection criteria for comet missions /Geschwindigkeitsbedarf und Auswahlkriterien fuer Kometenmissionen/. 03 p0510 A67-13491
Mission analysis of comet probes /Missionsanalyse von Kometensonden/. 04 p0695 A67-14532
Experimental investigation of combustion at turbine cascades /Experimentelle Untersuchungen zur Verbrennung an Turbinengittern/. 13 p2187 A67-28746

MUELLER, W. K.
An analytical investigation of natural convection in vertical channels. [ASME PAPER 67-HT-16] 20 p3545 A67-38712

MUENCH, G.
Infrared spectra of low-temperature stars. 09 p1566 A67-22224
Infrared coronal lines. 24 p4224 A67-41822

MUENKEL, J.
Plasma diagnostics by microwave interferometry in MHD channels with the aid of an open waveguide. 09 p1539 A67-21781

MUENTHER, C.
Measurement of the total electron content with the differential Faraday effect using the satellite Explorer 22. [RASSA PAPER 1-10-128] 03 p0372 A67-14239

MUENZ, W. D.
Frequency dependence of the conductivity

of plasma capacitors in an inhomogeneous plasma /Frequenzabhaengigkeit des Leitwerts von plasmakondensatoren mit inhomogenem Plasma/. 12 p1989 A67-25194

MUENZBERG, H. G.
First-stage propulsion problems of space transport vehicles /Antriebsprobleme bei Erststufen von Raumtransportern/. 23 p4049 A67-41318

MUGGIA, A.
Problems of hypersonic aerodynamics and aerodynamic heating at hypersonic Mach number, with emphasis on low Reynolds numbers /Problemi di aerodinamica ipersonica e di riscaldamento aerodinamico con particolare riguardo ai bassi numeri di Reynolds/. 06 p0937 A67-17982

MUGGLETON, L. M.
Dependence of ionospheric absorption on solar zenith angle. 04 p0576 A67-15634

MUGLER, J. P., JR.
Space environmental effects on several polymeric and metallic materials. 15 p2506 A67-29540

MUGNIER, D.
A versatile aluminum alloy for cryogenic applications. 13 p2142 A67-27673

MUGNIER, G.
Photoelectric observations of the brightness of the solar disk at Nice observatory, 1963-66. 14 p2387 A67-28592

MUHLEMAN, D. O.
Planetary characteristics from radar observations. 07 p1246 A67-19053

MUHLBERG, J. D. S.
Quartic root locus types. 15 p2457 A67-29375

MUHURI, P. K.
Free convection oscillatory flow from a horizontal plate. 17 p2969 A67-32445

MULDERMAN, E. A.
Spiral groove bearings. 06 p1007 A67-17893

MULWIJ, P.
A calculation of noise in sensitized GaAs. 19 p3306 A67-35732
Measurements of noise in sensitized GaAs. 19 p3307 A67-35733

MUIR, D. C. F.
Influence of gravitational changes on the deposition of aerosols in the lungs of man. 09 p1452 A67-21724

MUIR, W. B.
Electron transport and thermoelectric properties of n-type Bi sub 1.75 Sb sub 0.25 Te sub 3. 03 p0501 A67-14350

MUIRHEAD, J. S.
The lone-pair model and the vibrational force constants of NF sub 3. 01 p0117 A67-10764

MUKHAMEDZHANOV, A. K.
Piercing of a thin shield by a meteorite. 11 p1869 A67-24077
On the theory of lunar craters. 12 p2002 A67-25646
Structure of lunar craters and crater fields /O strukture lunnykh kraterov i kraternykh pole/. 22 p3879 A67-39297

MUKHERJEE, A.
One-dimensional compressible flow considering buoyancy forces. 10 p1625 A67-23135
Flow of an incompressible jet with a distribution of temperature on the axis. 20 p3423 A67-37209

MUKHERJEE, B. K.
Destruction of superconductivity by a current. 20 p3505 A67-36208

MUKHERJEE, D.
Design, construction and calibration of a strain gauge accelerometer. 06 p1004 A67-18580

MUKHERJEE, T. K.
Photocurrents and photopotentials in organic solids. 23 p4045 A67-41484

MUKHIDINOVA, M. KH.
Computer solution of the problem of torsion of thin-walled rods in the presence of unsteady creep /Reshenie zadachi o kruchenii tonkostennyykh sterzhnei v usloviakh neustanovivshiesia polzuchesti na EVM/. 17 p2821 A67-32830

MUKHIN, L. M.
A comparative evaluation of different methods for detection of extraterrestrial life. 19 p3180 A67-35250

MUKHIN, V. A.
Experimental study of heat transfer during the supersonic flow of gas in a circular tube. 12 p2035 A67-25753

MUKHRANOV, A. P.
Excitation of longitudinal vibrations in a

- rod during the passage of high-density electric current pulses /Vozbuzhdenie prodol'nykh kolebanii sterzhnei pri propuskaniil po nlm impul'sov elektricheskogo toka bol'shoi plotnosti/. 20 p3488 A67-37060
- MUKI, R.
The effect of couple-stresses on the stress concentration around a crack. 05 p0921 A67-16884
Transfer of load from an edge-stiffener to a sheet - A reconsideration of Melan's problem. [ASME PAPER 67-APM-35] 17 p2965 A67-33160
- MUKOSEI, V. I.
Investigation of the hydrodynamics of a pseudofluidized bed by a tracer gas technique /Ob issledovanii gl'drodinamiki psevdoozhizhennogo sloia metodom trassirulushchego gaza/. 18 p3160 A67-34290
- MUKUNDA RAO, M.
Lunar variations of the critical frequencies of the F sub 2 layer at Waltair. 01 p0060 A67-11232
- MULARCHIK, T. M.
Some problems of physical measurements in space. 16 p2670 A67-30648
- MULAY, L. N.
Magnetic studies of the semiconductor to metal transitions in Ti sub 3 O sub 5 and Ti sub 2 O sub 3. 01 p0132 A67-10376
- MULCAHY, D. L.
Selecting and specifying HI-REL integrated circuits. 09 p1480 A67-22299
- MULCAHY, M. J.
Characteristics of the plasma jet trigatron. 19 p3298 A67-35602
- MULDAU, H. H. V.
The way toward microelectronics /Der Weg zur Mikroelektronik/. 18 p3010 A67-33551
- MULDOON, W. J.
Development and testing of a lightweight flight prototype ion engine system. [AIAA PAPER 66-216] 13 p2188 A67-26823
- MULDREW, D. B.
Interpretation of the statistics of occurrence of Alouette I earth echoes. 17 p2852 A67-33236
Delayed generation of an electromagnetic pulse in the topside ionosphere. 20 p3527 A67-37403
- MULEY, D. B.
Lyapunov functions and a control problem. 15 p2510 A67-29630
- MULHALL, B. E.
The generation of high magnetic fields. 20 p3483 A67-36452
- MULHERN, J. F.
Cyclic extension of an elastic fibre with an elastic-plastic coating. 14 p2341 A67-29060
- MULHOLLAND, J. D.
Lunar orbiter ranging data - Initial results. [JPL-TR-32-1087] 05 p0901 A67-17201
Differential correction of non-Keplerian reference orbits. 21 p3705 A67-38612
- MULIARCHIK, T. M.
High-altitude photoelectron distribution /O vysotnom rasp'delenii fotoelektronov/. 05 p0795 A67-16061
Cosmos 3 and Cosmos 5 measurements of very soft corpuscles. 07 p1170 A67-19101
New data on electric fields in the magnetosphere. 12 p1936 A67-25808
Height distribution of photoelectrons. 21 p3615 A67-37848
- MULLALY, J. R.
Thermal study of groups II-IV semiconductors - Lattice heat capacities and free energies of formation - Heat capacity of Mg sub 2 Si from 15 deg-300 deg K. 23 p4047 A67-41533
- MULLANEY, G. J.
Holographic moire patterns - Their application to flow visualization in aerodynamics. 19 p3232 A67-35699
- MULLEN, C. R.
A technique in predicting multi-engine exhaust geometry and thermodynamic properties with a single reference engine. 22 p3902 A67-39940
- MULLEN, E. B.
A satellite system for navigation and communication. 16 p2700 A67-30695
- MULLEN, J.
A new concept for critical speed control. [SAE PAPER 670347] 17 p2865 A67-32989
- MULLEN, J. A.
Space communications - Present and future. 06 p0985 A67-19028
- MULLEN, J. P.
Synoptic data from the ORBIS experiment. [RASSA PAPER 1-10-147] 03 p0373 A67-14254
- MULLEN, L. O.
Experimental apparatus and procedures for evaluating parameters affecting the pumping efficiency of a cryogenically cooled plane. 23 p4004 A67-41354
- MULLER, A. N.
Plasma-sprayed dielectric coatings for heat sinks in electronic packaging. 21 p3650 A67-38849
- MULLER, G. L.
Subsonic-transonic-drag of supersonic inlets. 13 p2051 A67-27592
Studies of drag-reduction methods for subsonic operation of supersonic inlets. 17 p2791 A67-32575
- MULLER, H. J.
Oscillation of silicon pn junction avalanche diodes in the 50 to 140 GHz range. 01 p0035 A67-10436
- MULLER, J.
Liquid hydrogen in tonnage quantities. 05 p0789 A67-17017
- MULLER, J. F.
Stability-augmentation system gain determination by digital computer. 21 p3568 A67-38539
- MULLER, P.
Making theodolite observations possible /Ce que permettent les observations au theodolite/. 10 p1655 A67-22965
Surveillance of solar activity based on optical observations of satellites /Surveillance de l'activite solaire a partir des observations optiques de satellites/. 10 p1606 A67-23222
The French optical satellite observation network /Le reseau francais d'observation optique des satellites/. 14 p2270 A67-28589
Optical tracking of artificial satellites /La poursuite optique des satellites artificiels/. 16 p2630 A67-31765
French participation in the Geos program /Participation francaise au programme Geos/. 19 p3182 A67-35237
The Antares tracking camera /La camera de poursuite Antares/. 19 p3229 A67-35287
- MULLER, TH.
Search for charges 1/3e and 2/3e in the cosmic radiation. 02 p0306 A67-11500
- MULLICK, S. K.
Propagation of signals in nonlinear transmission lines. 23 p3982 A67-41396
- MULLIGAN, J. H.
A class of minimum sensitivity amplifiers. 15 p2443 A67-29239
- MULLIKIN, M. J.
Techniques for analyzing combined first- and second-stage creep data. 05 p0829 A67-16472
- MULLIN, C. R.
Effect of plasma on small tuned dipoles. 16 p2627 A67-31367
- MULLIN, J. B.
Pyramid formation in epitaxial gallium arsenide layers. 10 p1692 A67-23513
- MULLIN, J. P.
A review of the role of electric propulsion. [AIAA PAPER 66-1025] 03 p0504 A67-14156
- MULLINS, J.
Search for fractionally charged particles in cosmic rays near sea level. 15 p2550 A67-29680
- MULLINS, J. A.
Alloy phases in W-Re and Mo-Re alloys at low temperature. 17 p2873 A67-32813
- MULQUIN, J. J.
Designing strike aircraft. 15 p2418 A67-29396
- MULTHAUP, H. A.
The vibration environment of liquid propellant rocket engines. 12 p1989 A67-25704
- MULVANEY, W. P.
Mechanical property correlations between high performance composites and cast epoxy resin data. 08 p1344 A67-20423
- MUMINOV, R. A.
Spontaneous and coherent radiation of electron-hole plasma in indium antimonide. 01 p0087 A67-10088
The pinch effect in the degenerate plasma of indium antimonide. 06 p1049 A67-17879
Generation of coherent radiation in electron-hole plasmas in indium antimonide. 08 p1367 A67-20418
Pinch effect in a degenerate plasma in longitudinal and transverse magnetic fields. 21 p3666 A67-38369
- MUMLADZE, V. V.
Fiber laser without a resonator /Bezrezonatornyi volokonnyi lazer/. 08 p1337 A67-21203
Cancellation of a laser by a laser /Gashenie lazera lazerom/. 08 p1338 A67-21204
Suppression of certain modes in the emission of a ruby laser /Podavlenie nekotorykh mod v izlucheni rubinovogo lazera/. 12 p1952 A67-25436
Observation of periodic variation of oscillation modes in a He-Ne laser /Nabludenie periodicheskogo izmeneniia tipov kolebanii v He-Ne lazere/. 12 p1952 A67-25437
New method of obtaining high-resolution holograms. 18 p3053 A67-34620
- MUMOLA, P. B.
Anomalous plasma transport in RF discharges. 15 p2531 A67-29904
- MUNAKATA, C.
On the voltage induced by an electron beam in a bulk semiconductor crystal. 01 p0137 A67-11059
Applications of the barrier electron voltaic effect. 04 p0584 A67-15317
Measurement of minority carrier lifetime with a non-ohmic contact and an electron beam. 04 p0584 A67-15481
Detection of resistivity variation in a semiconductor pellet with an electron beam. 09 p1473 A67-22018
An electron beam method of measuring resistivity distribution in semiconductors. 21 p3679 A67-38254
- MUNDAY, A. J.
Flexible wall externally pressurized gas-bearing. 05 p0812 A67-17106
- MUNDY, J. L.
Multicrossover cryotron - A high gain single stage amplifier. 16 p2640 A67-31431
- MUNEY, W. S.
A glancing incidence solar telescope for the soft X-ray region. 10 p1712 A67-23804
- MUNFORD, J. A.
A study of embedment and other metallurgical and mechanical characteristics of cross-wire resistance welds. 21 p3635 A67-38629
- MUNGER, R. H.
Field curvature effects on alkali-metal-plasma containment. 11 p1830 A67-24007
Electric-field effects in Q-machines. 11 p1833 A67-24369
- MUNGO, B. B.
The management of projects. 15 p2583 A67-29668
- MUNIER, J.
Channel mixer for a microwave noise receiver /Melangeur banalise pour recepteur de bruit micro-ondes/. 09 p1481 A67-22480
- MUNK, E. C.
Integrated circuits with evaporated thin films. 03 p0387 A67-13999
- MUNK, M. N.
Spallation and fissionogenic xenon and krypton from stepwise heating of the Pasamonte achondrite - The case for extinct plutonium 244 in meteorites - Relative ages of chondrites and achondrites. 16 p2754 A67-31747
Spallation neon, argon, krypton, and xenon in an iron meteorite. 21 p3702 A67-38124
- MUNK, W. H.
Variation of the earth's rotation in historical time. 24 p4151 A67-42317
- MUNN, R. J.
Transport properties of quadrupolar gases. 06 p1038 A67-19046
Transport coefficients of ionized gases. 22 p3850 A67-39717
- MUNOZ TORRALBO, A.
Flame propagation on the interface of a gas and a reacting medium /Propagacion de una llama sobre la superficie de separacion de un gas y un medio reactante/. 09 p1581 A67-22605
Flame propagation along the interface between a gas and a reacting medium. 18 p3151 A67-33816
- MUNRO, D. F.
Bulk sublimation of titanium. 09 p1503 A67-22101
- MUNROE, W. F.
A comparative design analysis of three configurational families for manned earth entry at hypersonic speeds. [AIAA PAPER 66-480] 15 p2564 A67-29422
- MUNSEY, C. J.
An adaptive system with direct optical

- input. 17 p2860 A67-32616
Image processing by electron-optical techniques. 18 p3047 A67-33881
- MUNSHTUKOV, D. A.**
Utilization of unsteady sources and sinks for estimating the nonlinearity of the gasdynamic processes in the exhaust systems of internal combustion engines /Ispol'zovanie nestatsionarnykh istochnikov i stokov dlia ucheta nelineinosti gazodinamicheskikh protsessov v vypusnykh sistemakh dvigatelei vnutrennego sgoraniia/. 21 p3689 A67-38044
Criteria for the physical simulation of gasdynamic processes in the exhaust systems of two-cycle diesel engines with turbosupercharger /O kriteriakh fizicheskogo modelirovaniia gazodinamicheskikh protsessov v vypusnykh sistemakh dvukhtaktnykh dizelei s turboduvom/. 21 p3696 A67-38908
- MUNTEAN, I.**
Qualitative study of nonlinear oscillations and free oscillations /Contributions a l'etude qualitative des oscillations non lineaires - Oscillations libres/. 11 p1813 A67-24749
- MUNTZ, E. P.**
Visualization technique for low-density flow fields. 11 p1790 A67-24450
Measurements of anisotropic velocity distribution functions in rapid radial expansions. 14 p2300 A67-28181
- MURA, T.**
Stationary crack and continuous distributions of dislocations. 16 p2768 A67-31280
Limit analysis by direct method of variation. 23 p4074 A67-40629
- MURACA, R. J.**
External and internal air loads on sounding rockets. 08 p1276 A67-20501
External and internal air loads on sounding rockets. 21 p3563 A67-37795
- MURADOVA, N. A.**
Investigation of the properties of muons at a depth of 200 mwe by means of a spark calorimeter /Issledovanie iskrovym kalorimetrom svoistv mu-mezonov na glubine 200 m v.e./. 24 p4222 A67-42879
- MURAI, Y.**
An experimental study on physical properties of combustion gas. 09 p1580 A67-22151
- MURAKAMI, H.**
On the oscillation characteristics of the microwave Gunn-effect oscillator. 10 p1609 A67-22838
Electronics system for a balloon borne experiment identifying nuclear charge of primary cosmic ray. 23 p4009 A67-41479
- MURAKAMI, J.**
Low noise receiver with helium cooled parametric amplifier. 01 p0023 A67-10469
- MURAKAMI, S.**
Large deflection in elastoplastic bending of a simply supported circular plate under a uniform load. 04 p0718 A67-15920
- MURAKAMI, T.**
Vertical transfer of energy due to stationary disturbances induced by topography and diabatic sinks. 20 p3480 A67-36504
Duo-emitter cesium thermionic converter. 21 p3571 A67-38610
- MURAKAMI, Y.**
Crystal structures of alpha-and beta-indium selenide, In sub 2 Se sub 3. 03 p0493 A67-13361
- MURAKAWA, K.**
Calculation of the quadratic Stark effect in Ar II. 21 p3659 A67-38408
- MURAKHOVSKAIA, A. S.**
Spectral determination of sodium in gas-turbine distillate fuels /Spektral'noe opredelenie natriia v distillatnykh gazoturbinnnykh toplivakh/. 21 p3688 A67-38016
- MURAMATSU, H.**
On various methods of measuring the vertical distribution of atmospheric ozone. I. 16 p2676 A67-31375
- MURAMATSU, K.**
Clock synchronization via Relay II satellite. 09 p1494 A67-21617
- MURASE, K.**
Negative feedback amplifier in semiconductor integrated circuit. 01 p0040 A67-11241
Temperature and stress dependence of electron lifetime in p-type semiconductors between 1.5 and 4.2 deg K. 02 p0301 A67-12523
- MURASHOV, M. S.**
Cyclotron resonance study of electron scattering by neutralized acceptors in Si and Ge. 06 p1063 A67-18939
- MURASHOV, M. S.**
Recombination radiation of heavily doped germanium /Rekombinatsionnoe izluchenie sil'no legirovannogo germaniia/. 14 p2368 A67-28533
Recombination radiation of heavily doped germanium. 23 p4040 A67-40940
- MURASZEW, A.**
Maneuvering propulsion. 01 p0142 A67-11401
- MURATA, H.**
Hot electron plasma produced by axially rising magnetic field. 21 p3667 A67-38413
- MURATA, S.**
A study of cross flow fan. 18 p3025 A67-33650
- MURATA, T.**
Network topology and stability of nonlinear RLC networks. 08 p1308 A67-20320
- MURATA, Y.**
Densification and wear resistance of ceramic systems. I. 17 p2875 A67-33407
- MURATOV, I. M.**
Diode switching in the reverse direction in the presence of a delay between the forward and reverse pulses. 01 p0035 A67-10399
- MURATOV, V. I.**
Interaction of cyclotron ion waves with high-frequency plasma oscillations /Vzaimodeistvie ionnykh tsiklotronnykh voln s vysokochastotnymi kolebaniiami plazmy/. 04 p0667 A67-15209
Interaction of ion cyclotron waves with high-frequency plasma oscillations. 15 p2532 A67-30257
- MURATOVA, B. L.**
Possible structure of the surface layer of the moon /O vozmozhnoi strukture poverkhnostnogo sloia luny/. 02 p0322 A67-11567
- MURAVEV, M. N.**
Effect of exclusion of afferent signalization on the tonic function of the skeletal muscle /O vlianii vyklucheniia afferentnoi signalizatsii na tonicheskuiu funktsiiu skeletnoi myshitsy/. 24 p4112 A67-41852
- MURAVEV, P. A.**
On solution of ordinary differential equations by separating a multiplicative derivative. 01 p0107 A67-11250
- MURAVEVA, L. V.**
Possibility of tracking a cloud formation on the shadow side of the earth from weather satellites /O vozmozhnosti proslzhivaniia oblachnosti na tenevoi storone zemli s meteorologicheskikh sputnikov/. 18 p3074 A67-33564
- MURAWSKI, E.**
A glass substrate for microcircuits /Podloze szklane do mlkroukladow/. 23 p4043 A67-41366
- MURAYAMA, T.**
Spatial distribution of energetic electrons in the geomagnetic tail. 04 p0692 A67-14953
Measurement of primary and albedo cosmic rays on a polar orbiting satellite. 20 p3517 A67-36306
- MURCRAY, D. G.**
A balloon-borne grating spectrometer. 07 p1184 A67-19389
- MURCRAY, F. H.**
A balloon-borne grating spectrometer. 07 p1184 A67-19389
- MURCRAY, W. B.**
Spatial relationship of auroral OI and N sub 2 super plus emissions. 08 p1328 A67-21480
Electron number densities in auroral irregularities - Comparison of backscatter and satellite data. 08 p1328 A67-21481
- MURDOCK, E. G.**
Radiation effects in precision resistance thermometry. I. 03 p0426 A67-14344
- MURINA, T. M.**
CaF sub 2 Dy super 2 giant pulse laser with high repetition rate. 05 p0822 A67-16674
- MURMILO, G. L.**
Plasma wave excitation by external currents. I /Pro zbuzhdeniia khvil' v plazmi zovnishnimi strumami. I/. 16 p2721 A67-31477
Excitation of waves in plasma by external currents. II /Pro zbuzhdeniia khvil'u plazmi zovnishnimi strumami. II/. 20 p3501 A67-37142
- MUROMKIN, I. A.**
Peculiarities of a toroidal discharge at low plasma densities /Osobennosti toroidal'nogo razriada pri maloi plotnosti plazmy/. 02 p0277 A67-12617
Features of a toroidal discharge at low plasma density. 13 p2170 A67-27373
- MUROTSE, Y.**
The optimization of airplane gust-alleviation system. 17 p2795 A67-32036
- MURPHEY, W. H.**
Malate dehydrogenases. I. 11 p1750 A67-24784
- MURPHY, A. M.**
Infrared absorption in high-purity boron films. 09 p1533 A67-22132
Dispersion of amorphous boron films in the near infrared. 16 p2734 A67-31884
- MURPHY, B. L.**
Potential buildup on an electron-emitting ionospheric satellite. 11 p1869 A67-23941
- MURPHY, C. H.**
A review of project HARP. 06 p1098 A67-19021
Gun-booster rockets for high performance sounding missions. 08 p1409 A67-20550
Profiles of winds in the lower thermosphere by the gun-launched probe technique and their relation to ionospheric sporadic E. 10 p1844 A67-23257
Sporadic E and the wind structure of the E region. 11 p1783 A67-23924
Aerospace application of gun launched projectiles and rockets. 15 p2467 A67-30110
[AIAA PAPER 67-38]
Motions of an electron-ion cloud released at 100 kilometers from a gun-launched projectile. 17 p2844 A67-32545
Nighttime variation of ionospheric winds over Barbados, West Indies. 23 p3995 A67-40807
- MURPHY, E. G.**
Radial distribution of plasma formed in simple mirror machines by field ionization of fast neutral atoms. 04 p0671 A67-15644
Energy spreading and stabilization of plasma by applying a high-frequency electric field. 16 p2714 A67-30873
- MURPHY, J. A.**
Flight test development of the OV-10A. 06 p0947 A67-18199
- MURPHY, J. L.**
Microelectronics and space vehicle reliability. 01 p0042 A67-11364
- MURPHY, J. M.**
The combustion mechanism for air augmented rocket propellants containing elemental boron. 04 p0687 A67-15814
- MURPHY, J. P.**
A mathematical simulation of integrated helicopter avionics. 08 p1350 A67-20658
- MURPHY, R. H.**
Solid-state H.L.T.T.L. 16-bit memory element. 23 p3975 A67-40698
- MURPHY, R. J.**
Geometric considerations in the design of honeycomb sandwich fasteners. 02 p0248 A67-11943
Titanium carbide dispersion-strengthened nickel by internal carburization. 11 p1806 A67-24361
- MURPHY, R. T.**
Telemetry transmitters using solid-state wideband microwave voltage-controlled oscillators. 11 p1753 A67-24442
- MURPHY, T.**
Fracture behavior of titanium alloys in aqueous environment. 08 p1340 A67-20364
- MURPHY, W. F.**
Comparison of the He-Ne laser with the Hg 4358 and 5461 angstrom units lines as a Raman excitation source. 03 p0438 A67-13912
- MURPHY, W. J.**
The effect of hot rolling variables on the fracture toughness of 18Ni maraging steel. 22 p3822 A67-40057
- MURPHY, W. W.**
Measurements of body motions. [ASME PAPER 66-WA/BHF-2] 04 p0563 A67-15396
- MURRAY, B. C.**
Planetary contamination. II. 10 p1601 A67-23580
Reconnaissance of infrared emission from the lunar nighttime surface. 18 p3134 A67-34497
- MURRAY, D. E.**
A high-speed integrated circuit scratchpad memory. 19 p3189 A67-36066
- MURRAY, D. H.**
Laser improves sensitivity of Schlieren

- systems. 04 p0619 A67-14606
- MURRAY, E. L.
Molecular oxygen density and ultra-violet absorption in the southern atmosphere. 12 p1934 A67-25786
- MURRAY, J. D.
A simple method for determining asymptotic forms of Navier-Stokes solutions for a class of large Reynolds number flows. 12 p1930 A67-26179
- MURRAY, L. A.
Instrumentation for advanced microelectronic measurements. 19 p3193 A67-35028
- MURRAY, M. J.
Recent studies of the mechanical properties of solids at high temperatures. 20 p3463 A67-38111
- MURRAY, R. H.
Tilt table responses of human subjects following application of lower body negative pressure. 05 p0755 A67-16286
Cumulative effects of venesection and lower body negative pressure. 10 p1599 A67-23813
Repeated, prolonged, low intensity plus G sub Z exposures - Anatomical studies in baboons. 13 p2059 A67-26917
A new versatile miniature multi-channel personal telemetry system for medical research. 14 p2259 A67-28688
Initial cardiovascular response to low frequency whole body vibration in humans and animals. 15 p2428 A67-29272
Hemodynamic effects of four hours of hypoxia in the dog and baboon. 23 p3953 A67-41588
- MURRAY, S. F.
Lubricant life tests on ball bearings for space applications. [ASLE PAPER 66AM 7A3] 08 p1335 A67-21036
Effect of electrical currents on ball bearing damage in vacuum and in air. [ASLE PREPRINT 67AM 1C-1] 14 p2325 A67-28783
- MURRAY, W. A. S.
Radar tracking at R.R.E., Malvern. 18 p3048 A67-34239
- MURRAY, W. L.
The sensitivity of a black and white single-mirror Schlieren apparatus. 20 p3441 A67-36400
- MURRI, A.
Measurements of global and diffuse solar radiation /Misure di radiazione solare globale e diffusa/. 16 p2698 A67-31023
- MURRISH, C. H.
Ground based evaluation of EVA. 22 p3780 A67-40153
- MURRO, R. P.
Creep behavior of an aluminum alloy under transient temperatures. 21 p3643 A67-38019
- MURROW, H. N.
Parachute testing at altitudes between 30 and 90 kilometers. 15 p2419 A67-29433
- MURRY, G.
New formula proposed for the extrapolation of the results of creep tests - Example of application to a chromium-molybdenum-vanadium steel /Nouvelle formule proposee pour l'extrapolation des resultats des essais de fluage - Exemple d'application a un acier au chrome-molybdene-vanadium/. 20 p3464 A67-36477
- MURTAGH, T. B.
Analysis of Gemini 7-star sightings utilizing a space sextant in Gemini 6. 13 p2154 A67-26817
Navigation and guidance analysis of a Mars probe launched from a manned flyby spacecraft. [AIAA PAPER 67-546] 19 p3257 A67-35945
- MURTAUGH, C. K.
Specification Trees - A tool for management. 18 p3162 A67-34671
- MURTAUGH, C. R.
Apollo lunar surface experiments package. [AIAA PAPER 66-919] 03 p0397 A67-14133
- MURTAUGH, S. A.
Fundamentals of proportional navigation. 04 p0654 A67-15550
- MURTAZIN, R. Z.
Variational methods in nonlinear mechanics of a deformable solid body - Applications to thin shells /K variatsionnym metodam v nelineinoi mekhanike deformiruемого tverdogo tela - Prilozheniia k tonkim obolochkam/. 12 p2027 A67-25621
- MURTHY, I. S. N.
Harmonic response and jump phenomena in forced non-linear systems. 08 p1312 A67-20721
- MURTHY, M. V. V.
Toroidal-type shells free of bending under uniform normal pressure. 02 p0336 A67-11589
- MURTY, G. S.
Hydromagnetics of weakly conducting fluids. 03 p0480 A67-13728
- MURTY, M.
Geometry of Condon loci of molecular spectra. 10 p1681 A67-22959
- MURZIN, V. S.
Certain peculiarities of the interaction of pions and nucleons with nuclei /Nekotorye osobennosti vzaimodelstviia pionov i nuklonov s iadrami/. 02 p0318 A67-12761
Absorption of the energy flux of the nuclear component in iron /Pogloshchenie potoka energii iadernoi komponenty v zheleze/. 02 p0318 A67-12762
Some peculiarities of interaction of pions and nucleons with nuclei. 22 p3876 A67-40263
Absorption of the nuclear-component energy flux in iron. 22 p3842 A67-40264
Angular distribution of secondary particles in showers /Uglovoe raspredelenie vtorichnykh chastits v livniakh/. 24 p4217 A67-42829
Passage of cosmic rays through the atmosphere /Prokhozhenie kosmicheskogo izlucheniia cherez atmosferu/. 24 p4218 A67-42837
- MURZINA, E. A.
High-energy nuclear-active particles and extensive air showers in the depth of the atmosphere. 02 p0312 A67-12608
High-energy nuclear-active particles and extensive air showers at sea level /Iaderno-aktivnye chastitsy vysokoi energii i shirokie atmosferye livni na urovne moria/. 24 p4220 A67-42864
- MURZINOV, I. N.
Laminar boundary layer on blunt bodies, taking into account vorticity of the external flow /Laminarnyi pogranchnyi sloi na zatuplennykh telakh s uchetom zavikhnennosti vneshnego potoka/. 06 p0936 A67-17734
- MUSA, G.
Influence of the added noble gas on the analytical correlation of caesium thermionic diode parameters. 12 p1896 A67-25262
Considerations on the electron diffusion in the low-voltage arc plasma. 19 p3279 A67-35140
- MUSA, R. C.
Photomasks. 19 p3236 A67-35021
- MUSA, R. S.
Comparison calibration of rectilinear vibration and shock pickups. 23 p4004 A67-41358
- MUSA, S. A.
Some periodic solutions of elliptical and restricted four-body problems. [AAS PAPER 66-101] 07 p1252 A67-19963
- MUSAEV, G. T.
Augmentation of resources of raw materials for the production of aviation oil /Uvelichenie resursov syr'ia dlia polucheniia aviatsael/. 04 p0627 A67-14742
- MUSAEV, P. KH.
Theory of transport phenomena in semiconductors with degenerate bands. I /K teorii iavlennii perenosa v poluprovodnikakh s vyrozhdennymi zonami. I/. 13 p2181 A67-27281
- MUSAEV, R. S.
Elastic properties of titanium alloys of the ternary system Ti-Zr-Cr /Uprugie svoistva titanovykh spлавov troinnoi sistemy Ti-Zr-Cr/. 13 p2143 A67-27710
- MUSATOV, A. L.
Photoelectron emission from the aluminum-aluminum oxide-gold film system /Fotoelektronnaya emissiia iz plonochnoi sistemy aluminii - okis' aluminia - zoloto/. 03 p0492 A67-13295
Photoelectronic emission from aluminum-aluminum oxide-gold film system. 04 p0674 A67-14720
- MUSATOV, L. S.
Signs of the moon's intersection of the tail of the earth's magnetosphere according to data from charged-particle traps in the first artificial satellite of the moon /Priznaki peresecheniia lunoi khvosta magnitosfery zemli po dannym lovushek zariazhennykh chastits na pervom iskusstvennom sputnike luny/. 01 p0145 A67-10908
- Results of experiments on the first artificial satellite of the moon, aimed at detecting a lunar ionosphere /Rezultaty eksperimentov po obnaruzheniu lunnoi ionosfery, provedennykh na pervom iskusstvennom sputnike luny/. 03 p0513 A67-14066
- Some results of measurements carried out by means of charged particle traps on the Electron 2 satellite. 12 p1998 A67-25817
Preliminary results of measurements carried out by means of charged particle traps on the interplanetary station Zond 2. 12 p1998 A67-25818
Observations of the solar wind with the aid of the Venus 3 interplanetary station /Nabludeniia solnechnogo vetra s pomoshch'iu mezplanetnoi stantsii "Venera-3"/. 13 p2194 A67-27331
Comparison of certain results of simultaneous measurements of the characteristics of the solar wind on the Venus 3 and Pioneer 6 space vehicles /Sopostavlenie nekotorykh rezul'tatov odnovremennykh izmerenii kharakteristik solnechnogo vetra na kosmicheskikh apparatakh "Venera-3" i "Pioneer-6"/. 13 p2195 A67-27343
Study of plasma in the neighborhood of the moon using charged-particle traps on the first lunar artificial satellite. 21 p3697 A67-37841
- MUSATOV, M. I.
Titanium alloy ingots /Slitki titanovykh spлавov/. 03 p0447 A67-13925
- MUSEN, P.
Some possible modifications of Brouwer's theory of the general perturbations in rectangular coordinates. 05 p0904 A67-17391
Application of Krylov-Bogolubov method to the solution of the stellar three body problem. 07 p1252 A67-19962
Application of Krylov-Bogolubov method to the solution of the stellar three body problem. 16 p2746 A67-30956
Investigations in Hansen's planetary theory. [AIAA PAPER 67-565] 19 p3328 A67-35961
- MUSGRAVE, F. S.
Plethysmographic determination of leg volume changes during lower body negative pressure. 23 p3955 A67-41619
Radiographic studies of the chest during changes in posture and lower body negative pressure. 23 p3956 A67-41625
- MUSGRAVE, P. W.
Aerospace medicine considerations in manrating space environment simulators. 17 p2807 A67-31960
- MUSHENKO, S. V.
Calculation of the capacitance of braided conductors /Raschet emkostei provodnikov v zhgutakh/. 22 p3747 A67-39340
- MUSHIAKE, Y.
A theory and a model experiment on radio propagation in a medium in which permittivity varies bilnearly with a distance. 12 p1908 A67-26220
- MUSHTARI, KH. M.
Bending theory of weight-optimum plates of composite material /K teorii izgiba optimal'nykh po vesu plastin iz kompozitsionnogo materiala/. 14 p2401 A67-28734
- MUSICMAN, A. S.
MISDAS - A mechanical impact system for advanced spacecraft. [AIAA PAPER 66-989] 02 p0333 A67-12300
MISDAS - A mechanical impact system design for Apollo-type spacecraft. [AIAA PAPER 66-989] 15 p2564 A67-29423
- MUSIELAK, J.
Notes on the theory of integral. I. 17 p2879 A67-32810
- MUSIENKO, V. T.
Electrolytic refining of titanium alloys /Ob elektroliticheskom rafinirovani titanovykh spлавov/. 16 p2687 A67-30843
- MUSIL, F. J.
Eddy current and ultrasonic techniques for inspection of large

- parts. 10 p1660 A67-23324
- MUSIL, J.
Measurement of radial distribution of electron density in plasma cylinder with multibeam microwave interferometer. 01 p0119 A67-10169
- MUSIN, A. K.
Development of an electric current in a moving plasma under conditions of thermal-electron emission /Ustanovlenie elektricheskogo toka v dvizhushchelsia plazme v usloviakh termoelektronnogo emissii/. 01 p0118 A67-10043
Characteristics of certain types of plasma accelerators /Kharakteristiki nekotorykh tipov plazmennyykh uskoritelei/. 01 p0122 A67-10347
Current layer kinematics in a plasma accelerator /Kinematika tokovogo sloia v plazmennom uskoritelei/. 05 p0855 A67-16996
Concentration waves of charged particles in a moving plasma. 09 p1544 A67-21851
Diffusional dispersion of a plasmoid and the optimum length for a plasma accelerator. 09 p1545 A67-22001
Flow of electric current in a moving decaying plasma and diagnostics of the plasma /Protekanie elektricheskogo toka v dvizhushchelsia raspadalushchelsia plazme i ee diagnostika/. 09 p1547 A67-22317
Characteristics of several types of plasma accelerators. 11 p1844 A67-25020
Establishment of an electrical current in moving plasma under conditions of thermionic emission. 17 p2910 A67-33321
- MUSMAN, S.
Alfven waves in sunspots. 19 p3330 A67-36079
- MUSMANN, G.
Rocket experiment for the investigation of auroras /Raketenexperiment zur Untersuchung von Nordlichtern/. 23 p3997 A67-41333
- MUSS, D. R.
High power stacked GaAs laser arrays. 11 p1802 A67-24745
- MUSSELIN, M. J.
Nature and characteristics of thin dielectric films prepared by the anodic oxidation of titanium, tantalum and niobium /Sur la nature et les proprietes de couches minces dielectriques preparees par oxydation anodique de titane, de tantane et de niobium/. 13 p2175 A67-26654
- MUSSER, C. W.
Integrated NDT systems for establishing weld integrity of space vehicles. 20 p3454 A67-36586
- MUSSO, G. F.
Quantum mechanics of the H sub 2 - H sub 2 interaction. I. 17 p2890 A67-33262
- MUSTAFIN, G. M.
Investigation of fluctuations in a plasmatron with self-adjusting arc /Issledovanie pul'satsii v plazmotrone s samoustanavlivalushchelsia dugoi/. 11 p1843 A67-24971
Characteristics of a plasmatron with an insert in the electrode gap /Kharakteristiki plazmatrona s mezhelektrodoi vstavko/. 11 p1843 A67-24973
Features of the vortical stabilization of an electrically conductive gas in a radial electric field /Osobennosti vikhrevoi stabilizatsii elektroprovodnogo gaza v radial'nom elektricheskoi pole/. 20 p3500 A67-37062
- MUSTAFIN, K. S.
Stimulated emission in the negative-luminescence region of a glow discharge /Stimulirovanoe izluchenie v oblasti otritsatel'nogo svechenia tleishchego razlada/. 09 p1512 A67-21925
The use of holography to study the temperature distribution field of a flame. 16 p2672 A67-31066
Electron energy distribution in a neon-hydrogen mixture in a hollow-cathode discharge. 21 p3638 A67-37940
- MUSTEL, E. R.
The influence of solar activity on the troposphere in the polar cap regions. 01 p0061 A67-11279
Radial dimensions of the corpuscular flux from chromosphere flares and the duration of the earth's stay in the flux /O radial'noi protizhennosti korpuskularnogo potoka iz khromosfernoi vspyshki i vremeni nakhozhdenia zemli v korpuskularnom potoke/. 02 p0306 A67-11653
Frequency conversion by means of doubly modulated light /Preobrazovanie chastoty pri ispol'zovanii dvoynoi moduliatsii sveta/. 04 p0575 A67-15170
Internal modulation of an infrared laser /Vnutrennaya moduliatsiya infrakrasnogo lazera/. 05 p0824 A67-16914
Origin of quasi-stationary gas emission from active solar regions. I /O proiskhozhdenii kvazistatsionarnogo istecheniia gazov iz aktivnykh oblastei solntsa. I/. 06 p1077 A67-18152
Frequency conversion through the use of double light modulation. 15 p2443 A67-29356
The origin of quasistationary gas flow from solar active regions. 16 p2737 A67-30496
Internal modulation of the infrared laser. 16 p2685 A67-30691
Radial extent of a corpuscular stream from a chromospheric flare and the time the earth remains in the corpuscular stream. 16 p2738 A67-31068
- MUSULIN, B.
Various methods of solving a first order perturbation equation. 11 p1813 A67-24787
- MUTH, E. J.
Launch time prediction with mathematical appendix. [AIAA PAPER 67-906] 24 p4244 A67-43013
- MUTIN, J.
Experimental study of an electric drive using a solid propellant /Etude experimentale d'un propulseur electrique a propulsif solide/. 16 p2736 A67-30716
- MUTO, Y.
Second-kind superconductivity of indium-lead alloys. 05 p0864 A67-16893
- MUTTER, H. P.
Multi-shaker multi-environment testing techniques. 12 p1923 A67-25706
- MUZ, E.
Enhanced radiation during thermionic electron emission. 19 p3176 A67-35081
- MUZHDABA, V. M.
Scattering mechanism of current carriers in PbTe - Analysis of the Wiedemann-Franz ratio /K voprosu o mekhanizme rasselaniia nositelei toka v PbTe - Analiz sootnosheniia Videmana-Frantsa/. 05 p0868 A67-17067
Problem of the mechanism of carrier scattering in PbTe /Analysis of the Wiedemann-Franz law/. 15 p2539 A67-29798
- MUZZIO, J. L. R.
Measurements of the earth's total magnetic field at heights of 1000 km in the Brazilian anomaly. 12 p1933 A67-25777
- MUZZY, R. J.
Boundary-layer turbulence measurements with mass addition and combustion. [AIAA PAPER 65-820] 01 p0054 A67-11169
Internal ballistic considerations in hybrid rocket design. [AIAA PAPER 66-628] 07 p1240 A67-19377
Surface mass addition into a turbulent boundary layer. 12 p1930 A67-25929
Surface reaction effects on the acoustic response of composite solid propellants. 19 p3309 A67-35010
Effect of surface reactions on acoustic response of solid propellants. 19 p3311 A67-35777
- MYER, J. H.
Design of a production-worthy laser microwelder. 04 p0628 A67-15310
Laser welding - A status report. 21 p3635 A67-38622
- MYERS, B. F.
Shock-tube study of the radiative processes in systems containing atomic oxygen and carbon monoxide at high temperature. 23 p4029 A67-40972
- MYERS, D. K.
Avoiding radiation effects on semiconductors. 22 p3772 A67-39863
- MYERS, E. T.
Vehicular design for a planetary atmospheric measurement probe. 19 p3332 A67-35315
Aerothermodynamic considerations for a planetary entry probe. 22 p3907 A67-40177
- MYERS, G. E.
An interferometric study of mass transfer from a vertical plate at low Reynolds numbers. [ASME PAPER 65-WA/HT-39] 03 p0404 A67-14011
- MYERS, J. R.
Corrosion of beryllium by salt water. 04 p0640 A67-15618
Thermodynamic properties of copper-platinum alloys. 05 p0829 A67-16473
- Stress corrosion of beryllium in synthetic sea water. 14 p2336 A67-28147
Oxidation of ultra-high-purity cobalt at selected oxygen pressures over the temperature range 950 to 1250 deg C. 23 p4018 A67-40872
- MYERS, L. W.
Spacecraft plumbing systems. 07 p1192 A67-20247
- MYERS, M. A.
Preliminary results from the Ames research center plasma probe observations of the solar-wind-geomagnetic field interaction region on IMP-II and OGO-I. 12 p1997 A67-25806
- MYERS, P. S.
Turbine, Wankel, and Stirling engines. [AICE PREPRINT 45A] 04 p0691 A67-15944
- MYERS, R. A.
Anomalous polarity-dependent electrooptic effect in cubic ZnS and ZnTe. 03 p0496 A67-13569
Scanning with lasers. 13 p2128 A67-27237
Fabrication of wide bore hollow cathode Hg super plus lasers. 23 p4016 A67-41226
The electron beam scanlaser - Theoretical and operational studies. 23 p4017 A67-41393
- MYERS, R. R.
A modular power supply family. 20 p3399 A67-36926
Airborne computer modular power supply design. 21 p3596 A67-38341
- MYERS, T. W.
Experimental investigation of an electric arc in transverse aerodynamic and magnetic fields. 06 p1042 A67-18306
Experimental investigation of an electric arc in transverse aerodynamic and magnetic fields. [AIAA PAPER 67-98] 23 p4035 A67-41724
- MYERS, W. C.
Helium-neon laser - Thermal high-resolution recording. 05 p0815 A67-16586
- MYHRE, L. G.
Effect of high altitude on maximal working capacity. 10 p1598 A67-23393
- MYHRE, S. H.
Prestressed, jettisonable structure for advanced upper stages. [SAE PAPER 660683] 01 p0161 A67-10586
- MYKLESTAD, N. O.
Transient beam response calculations using Euler's method. 06 p1111 A67-18889
The matrix siren. 21 p3728 A67-38881
- MYLREA, B. W.
Mission - Airlift. 20 p3361 A67-37529
- MYRUP, L. O.
Temperature and vertical velocity fluctuations in strong convection. 19 p3252 A67-35059
- MYSHKIS, A. D.
Hydrodynamics in weak fields of forces - Small oscillations of a viscous fluid in a potential field of mass forces /Gidrodinamika v slabykh silovykh poliakh - O malykh kolebaniyakh viazkoi zhidkosti v potentsial'nom pole massovykh sil/. 05 p0791 A67-16373
Example of a complex stationary point /Primer odnoi slozhnoi tochki pokola/. 14 p2343 A67-28387
- MYSHKOV, S. K.
Solution of some optimal problems in nonlinear automatic control systems. 20 p3410 A67-37229
- MYSHLIAEV, M. M.
Change in the block structure of aluminum during creep. 23 p4020 A67-41301
- MYSYROWICZ, A.
Luminescence of CuCl at low temperatures excited by very high intensity light /laser/. 06 p1010 A67-17822
Luminescence of CdS at low temperature excited by very high intensity light /laser/. 10 p1667 A67-23779
Intensity dependence of emission lines in CdS upon excitation intensity /laser/ at very low temperature. 20 p3461 A67-37295

N

- NA, T. Y.
Transforming boundary conditions to initial conditions for ordinary differential equations. 15 p2511 A67-29892
Radial flow of viscous non-Newtonian fluids between disks. 21 p3612 A67-38381
- NAAB, K. N.
Measurement of detailed inertial

- properties and dimensions of a 50th percentile anthropometric dummy. 08 p1289 A67-20611
- NABARA, A.**
Three-wave optical-mixing effects in wedge-shaped cells. 23 p4017 A67-41433
- NABARRO, F. R. N.**
Steady-state diffusional creep. 21 p3719 A67-38089
- NABICHVRISHVILI, M. A.**
Structure and properties of nitrogen-containing chrome-manganese steel of the 20 percent Cr-12 percent Mn-3 percent Ni type, alloyed with molybdenum and niobium /Struktura i svoystva azotsoderzhashchikh khromomargantsevykh stali tipa 20 percent Cr-12 percent Mn-3 percent Ni, legirovannykh molibdenom i niobiem/. 06 p1017 A67-18184
Effect of niobium on the structure and properties of chromium-manganese steels /Vlianie niobia na strukturu i svoystva khromomargantsevykh stali/. 08 p1343 A67-21206
- NABLO, S.**
Physical phenomena in bombardment ion sources. 04 p0664 A67-15017
- NABLO, S. V.**
Techniques for the study of self-focusing electron streams. 04 p0624 A67-15325
- NABOIKIN, I. U. V.**
Study of laser losses and associated emission characteristics /Issledovanie poter' i svyazannykh s nimi kharakteristik izlucheniya lazera/. 03 p0435 A67-13133
Light absorption by uranium glass in an excited state /Pogloshchenie sveta uranovym steklom v vozbuzhdennom sostoyanii/. 03 p0436 A67-13141
Radiation kinetics of a laser with a lens system and a low-absorption nonlinear medium in the resonator. 17 p2868 A67-32863
- NABOKA, V. A.**
Adiabatic motion of plasmoids in a longitudinal magnetic field /K voprosu ob adiabatchnosti dvizheniya plazmennyykh sgustkov v prodol'nom magnitnom pole/. 01 p0122 A67-10351
Adiabatic motion of plasmoids in longitudinal magnetic fields. 11 p1844 A67-25024
Adiabatic motion of plasmoids in a longitudinal magnetic field /K voprosu ob adiabatchnosti dvizheniya plazmennyykh sgustkov v prodol'nom magnitnom pole/. 15 p2524 A67-29245
- NABOKO, I. M.**
Thermodynamic and gas dynamic parameters of a low-temperature plasma /Termodinamicheskie i gazodinamicheskie parametry nizkotemperaturnoi plazmy/. 17 p2894 A67-32148
- NACHTSHEIM, P. R.**
Multicomponent diffusion in chemically reacting laminar boundary layers. 16 p2658 A67-30937
- NACOZY, P.**
A class of E. Stroemgren's direct orbits in the restricted problem. 13 p2205 A67-27479
- NADAUD, L.**
The ablation of solid fuels used in hybrid rockets /Ablation de combustibles solides utilises dans les fusees hybrides/. 08 p1373 A67-20804
Visualization of combustion in hybrid rockets. [ONERA-TP-474] 14 p2377 A67-27895
- NADEZHIN, P. V.**
Synthesis of a controlling device for nonlinear sampled-data systems of one class. 09 p1483 A67-22082
- NADIG, E. W.**
A mathematical model of random wave phenomena in hypersonic propellant combustion. [AIAA PAPER 67-517] 18 p3158 A67-33980
- NADLER, M. A.**
Adhesive joint strength as function of geometry and material parameters. [SAE PAPER 670856] 24 p4160 A67-42003
- NADMOCHII, B. F.**
Principles of construction of ballistic-telemetry systems /Printsipy postroyeniya sistem ballisticheskoi
- telemetry/. 16 p2624 A67-31124
- NADUTENKO, G. P.**
Study of the effect of nickel, silicon, and niobium on the oxidation of titanium at high temperatures /Izuchenie vliyaniya nikelia, kremniia i niobia na oksislenie titana pri vysokikh temperaturakh/. 07 p1205 A67-19275
- NAEHER, C. H.**
Oscillations of electric arcs in argon cross-flow. 17 p2906 A67-33037
- NAEMURA, K.**
Standardization of integrated circuits. 12 p1918 A67-28215
- NAG, B. D.**
Electrical conductivity in organic semiconductors. 19 p3302 A67-34995
- NAG, B. R.**
Hot-carrier D.C. conduction in elemental semiconductors. 13 p2183 A67-27568
Hot carrier Hall mobility and magnetoresistance in n-type germanium for intermediate carrier concentration. 16 p2731 A67-31172
- NAGAEV, E. L.**
Ground state and anomalous magnetic moment of conduction electrons in an antiferromagnetic semiconductor. 22 p3857 A67-39462
- NAGAEV, R. F.**
Synchronous motions in a system of plants with bearing couplings /Sinkhronnye dvizheniya v sisteme ob'ektov s nesushchimi svyazami/. 22 p3836 A67-39395
- NAGAEV, V. A.**
Stability of a shell of revolution under axial tension /Ustoichivost' obolochki vrashcheniya pri osovom rastizhenii/. 21 p3718 A67-37978
- NAGAI, F.**
Rotating strength of high speed rotor. 17 p2961 A67-32688
- NAGAI, K.**
Asymmetrically fed linear antenna loaded with a loading impedance. 10 p1609 A67-22774
- NAGAI, T.**
Low noise receiver with helium cooled parametric amplifier. 01 p0023 A67-10469
- NAGAMATSU, H. T.**
Combined effects of roughness, bluntness, and angle of attack on hypersonic boundary layer transition, M sub 1 approximately 8.5-10.5. 04 p0549 A67-15823
Hypersonic laminar boundary-layer transition on 8-foot-long, 10 deg cone, M sub 1 equals 9.1-16. [AIAA PAPER 66-494] 15 p2418 A67-30191
- NAGAMI, K.**
Design method of electron gun having specified anode shape. 07 p1154 A67-19655
- NAGANE, K.**
Observation of the S-component of the solar radio emission by an eight element grating interferometer at 17 GHz. 10 p1711 A67-23802
- NAGAO, H.**
Large elasto-plastic deflection of a circular-arc cantilever. 05 p0918 A67-16425
- NAGAO, M.**
High-efficiency CdS film transducers for the shear mode. 04 p0621 A67-15126
- NAGAO, S.**
Collisional damping of the whistler mode in a dense plasma. 16 p2713 A67-30608
Experimental study of electrostatic ion cyclotron waves in a plasma. 21 p3687 A67-38407
- NAGARAJA RAO, C. R.**
A research program aimed at high altitude balloon-borne measurements of radiation emerging from the earth's atmosphere. 07 p1170 A67-19393
Observations of the day airglow during the total solar eclipse of 30 May 1965. 20 p3427 A67-36368
- NAGARAJAN, S.**
Growth of turbulent magnetic fields. 15 p2469 A67-29223
- NAGASAWA, S.**
Foreshortening effect on the apparent area of solar flare. 20 p3518 A67-36841
- NAGASU, H.**
Experimental investigation on viscous hypersonic flow around three-quarter power-law bodies of revolution. 05 p0747 A67-16431
Unsteady aerodynamic heating of a flat plate. 15 p2415 A67-29328
- NAGATA, I.**
Prediction of dissociation pressures of mixed gas hydrates from data for hydrates of pure gases with water. 02 p0190 A67-12234
- NAGATA, K.**
Observation of electron flux by L-3 rockets. 01 p0144 A67-10564
Electronics system for a balloon borne experiment identifying nuclear charge of primary cosmic ray. 23 p4009 A67-41479
- NAGATA, M.**
Plasma diagnostics by means of Hall current. 11 p1839 A67-24424
Thin-film circuits. 12 p1917 A67-28204
- NAGATA, R.**
Fidelity of strain pattern and measurement of strain distribution in a plate by using diffraction grating. 05 p0918 A67-16441
- NAGATA, T.**
Intensity of the geomagnetic field during a reversed polarity. 02 p0236 A67-11477
The origin of fluctuations in the equatorial electrojet - A new type of geomagnetic variation. 03 p0408 A67-12840
Resume of airglow measurements by means of K and L rockets. 05 p0798 A67-16863
Spectral analysis of geomagnetic pulsations from 0.5 to 100 sec in period for the quiet sun condition. 12 p1932 A67-25189
Observations of mesospheric ozone density in Japan. 19 p3217 A67-35203
Rocket observations of visible and ultraviolet dayglow features. 19 p3221 A67-35277
- NAGATANI, M.**
On the crossing rates of atmospherics in the range of high threshold. 14 p2306 A67-27881
- NAGATANI, R.**
Clouds over the equatorial and tropical Pacific - An investigation based on Tiros satellite and jet aircraft observations. 24 p4181 A67-42667
- NAGATOMO, H.**
Investigation of surface film boiling under free convection. I. 13 p2222 A67-26532
- NAGATOMO, M.**
Plasma acceleration by high frequency electromagnetic wave in static magnetic field gradient. [AIAA PAPER 67-660] 21 p3871 A67-38696
- NAGEL, C. M.**
Iterative solution of waveguide discontinuity problems. 11 p1760 A67-24237
- NAGELBERG, E. R.**
Iterative solution of waveguide discontinuity problems. 11 p1760 A67-24237
Approximate theory of microwave interaction with bounded gyrotropic media. 12 p1908 A67-26183
- NAGESWARA-RAO, B. D.**
Effect of Al super 27 on electron cross relaxation in ruby. 17 p2924 A67-33369
- NAGHDI, P. M.**
The linear theory of an elastic Cosserat plate. 15 p2574 A67-29633
Micropolar and director theories of plates. 17 p2966 A67-33349
A linear theory of straight elastic rods. 18 p3144 A67-34287
- NAGLE, E. M.**
Flux shuttling - New method for the nondestructive readout of superconductive memory cells. 22 p3785 A67-39899
- NAGLER, K. M.**
The Gemini weather photography experiment. 01 p0109 A67-11393
- NAGLER, R. G.**
The Mars transit and entry environment - A new problem for heat shields. [JPL-TR-32-1145] 12 p2034 A67-25715
Char reflectances and planetary entry heat shields. 15 p2579 A67-29434
- NAGLIS, I. A.**
Structural imperfections in epitaxial silicon layers /Strukturnye nesovershenstva v epitaksial'nykh plenkakh kremniia/. 21 p3681 A67-38359
- NAGNIBIDA, N. I.**
Linear continuous operators in an analytic space, exchangeable with differential operators /O lineinykh nepryvnykh operatorakh v analiticheskom prostranstve, perestanovochnykh s operatorom differentsirovaniya/. 04 p0646 A67-15261
- NAGORNAIA, N. I.**
Spectroscopic investigation of a plasma in a shock tube with conical electrodes. 06 p1358 A67-20853
- NAGURA, R.**
Star system. III. 13 p2068 A67-26719
- NAGY, A. F.**
Direct measurements bearing on the

- question of the nighttime heating mechanism in the ionosphere. 08 p1327 A67-21364
- NAGY, B.**
A study of the optical rotation of lipids extracted from soils, sediments, and the Orgueil carbonaceous meteorite. 08 p1289 A67-21173
Ozonolysis of "polymer-type" material in coal, kerogen, and in the Orgueil meteorite - A preliminary report. 08 p1289 A67-21174
Investigations of the Orgueil carbonaceous meteorite. 10 p1710 A67-23628
- NAGY, G. T.**
Characteristics of photosensors. 11 p1766 A67-24627
- NAHI, N. E.**
An iterative procedure for solving the discrete terminal control problem. 02 p0226 A67-12152
Use of limiters for estimating signal to noise ratio. 12 p1908 A67-26090
- NAHMAN, N. S.**
The measurement of baseband pulse rise times of less than 10 super minus 9 second. 17 p2814 A67-32603
- NAHON, F.**
Plane motions of a material point in a conservative field of force /Sur les mouvements plans d'un point materiel dans un champ de forces conservatif/. 18 p2748 A67-31138
A particular class of adiabatic invariants /Sur une classe particuliere d'invariants adiabatiques/. 18 p3117 A67-33686
- NAIDENKOV, A. F.**
Holographing media with slight variations of the refractive index /Golografirovanie sred s malymi izmeneniami pokazatelya prelomleniya/. 15 p2488 A67-29725
- NAIDOV-ZHELEZOV, K. G.**
Linear spiratron with M-type gun. 05 p0776 A67-17169
- NAIDU, P.**
Extraction of potential field signal from a background of random noise by Strakhov's method. 05 p0787 A67-17390
Random telluric field and signal extraction. 24 p4152 A67-42885
- NAIMAN, C. S.**
Effects of internal induced absorption on laser emission. 24 p4168 A67-42370
- NAIMAN, S.**
The legal and political aspects of an international meteorological data collection and distribution system. 12 p2044 A67-26153
- NAIRN, N. P.**
Bright radar displays employing direct-view storage tubes. 09 p1528 A67-22628
- NAITO, K.**
Internal gravity-shear waves in the troposphere. I - Phase velocities. 02 p0238 A67-12190
Internal gravity-shear waves in the troposphere. II - Wave amplitudes. 02 p0239 A67-12191
Internal gravity-shear waves in the troposphere. III - Perturbation of smoke trails. 02 p0239 A67-12192
Bistatic scatter from turbulent media. 04 p0649 A67-14683
- NAITO, Y.**
Construction of multi-layer absorbing wall for microwaves. 04 p0576 A67-15504
- NAJJAR, H.**
Adaptive digital satellite transmission ground terminal design considerations. 06 p0960 A67-17875
- NAKADA, M. P.**
Low-energy charged particle environment of the earth. 03 p0506 A67-13050
- NAKAGAWA, H.**
The electron microscopic structure and lattice defects of the martensite in commercially pure titanium. 06 p1017 A67-17966
/1011/ transformation twins in titanium. 06 p1017 A67-17967
- NAKAGAWA, K.**
Automatic landing system controlling flaps and elevators. 15 p2418 A67-29313
The optimization of airplane gust-alleviation system. 17 p2795 A67-32036
- NAKAGAWA, S.**
Observation of electron flux by L-3 rockets. 01 p0144 A67-10564
Observation of particle fluxes by L-3 rockets. 05 p0883 A67-16880
Electronics system for a balloon borne experiment identifying nuclear charge of primary cosmic ray. 23 p4009 A67-41479
- NAKAGAWA, T.**
Isolation in integrated circuits using preferential epitaxial growth technique. 12 p1918 A67-26217
- NAKAHARA, T.**
Beam waveguide consisting of cylindrical conducting reflectors. 21 p3583 A67-38608
- NAKAI, E.**
Some effects of Mach number on the transonic flutter characteristics of thin cantilever wings having a taper ratio 0.6 and a sweptback angle of 45 deg. 05 p0747 A67-16440
Experimental and calculated results of supersonic flutter characteristics of low aspect-ratio flat-plate surfaces. 08 p1416 A67-20530
Results of supersonic flutter characteristics of low aspect-ratio flat-plate surfaces. 19 p3343 A67-35775
- NAKAI, T.**
On the crossing rates of atmospheric in the range of high threshold. 14 p2306 A67-27881
- NAKAJIMA, H.**
Effects of several factors on thermal fatigue. 05 p0921 A67-17085
- NAKAJIMA, M.**
A study on nonreciprocal parametric amplifiers. 22 p3771 A67-39838
- NAKAMARU, K.**
Propagation of strong shock waves - Attenuation in the shock tube. 05 p0791 A67-16433
- NAKAMICHI, J.**
Echo-suppressor design for space communication. 03 p0371 A67-13990
Echo suppressor design for space communication. 10 p1603 A67-22771
- NAKAMIZO, T.**
Statistical analysis of control systems having random characteristics. 05 p0783 A67-16443
- NAKAMURA, I.**
The experiment on the skewed boundary layer on a rotating body. 05 p0747 A67-16218
- NAKAMURA, J.**
Measurement of upper atmospheric wind by an artificial vapor trail. 05 p0798 A67-16858
- NAKAMURA, K.**
Learning control system seeking the optimum point of bimodal characteristics by means of polynomial conjecture. 01 p0048 A67-11236
Avalanche breakdown voltages of selectively diffused p-n junction. 12 p1982 A67-25453
Fundamental principle and behavior of Learntrols. 22 p3776 A67-39412
- NAKAMURA, M.**
De Haas-Shubnikov oscillation of the impurity band in n-type germanium. 14 p2365 A67-28231
- NAKAMURA, R. M.**
The patho-physiology of decompression sickness - Dysbarism. 16 p2611 A67-30770
- NAKAMURA, T.**
Rocket observations of emitting height of night airglow. 05 p0798 A67-16865
Dielectric properties in BaTiO sub 3 - BaSn O sub 3 and BaTiO sub 3 - Ba/Fe sub 1/2 Ta sub 1/2 O sub 3 systems. 07 p1231 A67-19489
Decrease of built-in voltage in tunnel diodes caused by irradiation. 09 p1471 A67-21764
Rocket observations of emission heights of 6300 angstrom units line in night airglow. 19 p3215 A67-35177
Junction potential in irradiated tunnel diodes. 22 p3787 A67-39369
- NAKANISHI, S.**
High permeance accelerator grids for low voltage Kaufman thrusters. [AIAA PAPER 67-680] 21 p3692 A67-38711
Experimental investigation of a 1.5-meter diameter Kaufman thruster. [AIAA PAPER 67-725] 21 p3694 A67-38750
- NAKANO, S.**
Meridian observation of the declinations of major planets and minor planets during the period 1951-1959. 20 p3524 A67-36839
- NAKANO, T.**
Frequency of microwave oscillation in GaAs p-n junctions. 01 p0137 A67-11070
Improvement of quantum efficiency in gallium arsenide electroluminescent diodes. 17 p2914 A67-32654
New approach to the theory of a turbulent plasma. 20 p3496 A67-36213
- Measurements of lifetime in GaAs diodes. 23 p3962 A67-41468
- NAKAO, K.**
Band structure of the semiconducting layer compounds. 06 p1058 A67-18905
- NAKASHIDZE, G. A.**
Electroluminescence spectra of gallium phosphide diodes /O spektrakh elektroluminestsntsi diodov na osnove fosfida galliya/. 12 p1914 A67-25438
- NAKASHIMA, H.**
Epitaxial growth of SiC film on silicon substrate and its crystal structure. 04 p0675 A67-14762
- NAKATA, M. M.**
The application of lasers in thermophysical properties measurements. 04 p0623 A67-15305
- NAKATA, Y.**
Variation in ionospheric electron content measured by radio waves from Syncom 3. [RASSA PAPER 1-10-129] 03 p0417 A67-14240
- NAKATSUKASA, M.**
Contact potential difference between the /111/ and /111/ surfaces of InSb cleaved in ultra-high vacuum. 19 p3302 A67-34939
- NAKATSUYAMA, M.**
Study on chopper circuits. 06 p1302 A67-20991
- NAKAYA, T.**
Influence of giant pulse irradiation on a ruby laser. 23 p4017 A67-41434
- NAKAYAMA, H.**
Temperature rise of heated electronic elements in spacecrafts. 21 p3731 A67-37959
- NAKAYAMA, P.**
Simulating fluid turbulence. 21 p3612 A67-38193
- NAKAYAMA, R.**
A preliminary experiment on the induction-coupled argon plasma at atmospheric pressure. 06 p1039 A67-18067
- NAKAYAMA, T.**
Comments on "kinetic structure of a plasma." Note on plasma turbulence. 02 p0279 A67-12800
06 p1366 A67-21415
- NAKAYAMA, W.**
Study on forced convective heat transfer in curved pipes. II. 08 p1428 A67-20926
Forced convective heat transfer in a straight pipe rotating around a parallel axis. I. 22 p3920 A67-40419
- NAKAZAWA, A.**
Solar radiation test of surface coating materials. 21 p3650 A67-37960
- NAKONECHNIKOV, A. I.**
Carbon diffusion in refractory metals with a BCC lattice /Diffuziya ugleroda v tugoplavkikh metallakh s OTsk reshetko/. 01 p0101 A67-10937
Diffusion of carbon in refractory metals with a b.c.c. lattice. 22 p3820 A67-39791
- NAKORIAKOV, V. E.**
Combustion of a liquid-fuel droplet in a sound field /Gorenie kapli zhidkogo topliva v zvukovom pole/. 15 p2580 A67-29778
Influence of vibrations on mass transfer from a sphere at high Prandtl numbers /Vliyanie kolebaniy na massootdachu ot sfery pri bol'shikh chislakh Prandtya/. 20 p3554 A67-37068
- NALABOFF, L.**
The spacecraft computer managed laboratory - A concept for the 70's. [AIAA PAPER 67-643] 20 p3393 A67-37624
- NALBANDIAN, A. B.**
Quantitative study of the mechanism of hydrogen combustion near the lower ignition limit /Kolichestvennoe izuchenie mekhanizma goreniya vodoroda vbliz nizhnego predela vosplameneniya/. 03 p0536 A67-13842
- NALIVAICO, V. I.**
Effects of the external sources of the geomagnetic field at the altitude of the F2 layer. I /Ob efektakh vneshnikh istochnikov magnitnogo polya na vysotakh sloja F2. I/. 05 p0800 A67-17119
Effects of external sources of the magnetic field at F sub 2 - layer heights. I. 21 p3618 A67-38462
- NAM, S. B.**
Theory of electromagnetic properties of superconducting and normal systems. I. 14 p2371 A67-28724
Theory of electromagnetic properties of strong-coupling and impure superconductors. II. 14 p2371 A67-28725
- NAMAZOV, S. A.**
Reflection of pulse signals from an inhomogeneous ionosphere during topside

- soundings /Otrazhenie impul'snykh signalov ot neodnorodnoi ionosfery pri zondirovani ee s vnesheii storony/. 05 p0765 A67-17125
Possibility of the use of correlation reception for wide-band signals in studies of the parameters of ionospheric inhomogeneities and signal distortions /Vozmozhnost' primeneniia korrelyatsionnogo priema shirokopolosnykh signalov dlia izuchenii parametrov ionosfernykh neodnorodnostei i iskazhenii signalov/. 16 p2632 A67-31909
Reflection of pulse signals from an inhomogeneous ionosphere in topside soundings. 21 p3582 A67-38468
- NAMBA, K.**
Studies on plasma welding - On the welding of stainless steel, mild steel and titanium plates. 20 p3458 A67-37542
- NAMBA, M.**
Lifting-line theory for cascade of blades in subsonic shear flow. 24 p4091 A67-42204
- NAMBA, S.**
Relation of laser induced ion energy to laser power. 10 p1867 A67-23793
Measurement of thermal diffusivity by laser pulse. 21 p3640 A67-38262
Ion emission from metal surface irradiated by giant-pulse laser beam. 23 p4015 A67-41035
- NAMGALADZE, A. N.**
Relation between P12-type geomagnetic field pulsations and auroral brightness pulsations /Sviaz' pul'satsii geomagnitnogo polia P12 s pul'satsiiami intensivnosti svecheniia poliarnykh silni/. 14 p2309 A67-27944
- NAMIAS, J.**
Aspects of long-range forecasting. 06 p1027 A67-18604
- NAMIKI, T.**
Calculation of attenuation constant of model helix waveguide. 10 p1806 A67-23064
- NANAVATI, R. P.**
Trapezoidal I-V characteristics in GaAs tunnel diodes. 01 p0033 A67-10027
Reverse characteristics of GaSb tunnel diodes. 06 p0972 A67-18977
- NANCE, J. C.**
Nuclear-pulse propulsion. 06 p1030 A67-19026
- NANDA, R. S.**
Magnetohydrodynamic free convection boundary layer flows. 03 p0481 A67-13734
- NANDY, K.**
Role of impurities in interstellar graphite grains. 19 p3323 A67-35423
- NANEVICZ, J. E.**
A rocket-borne electrostatic field strength meter. 01 p0074 A67-11126
- NANI, R. KH.**
Study of the electrical conductivity and thermal emf of CuSbTe sub 2 in solid and fluid states /Issledovanie elektroprovodnosti i termoeeds CuSbTe sub 2 v tverdom i zhidkom sostoiianiiakh/. 02 p0297 A67-11846
- NANIGIAN, J.**
Rocket igniter characteristics. 15 p2543 A67-29773
- NANNEY, C. A.**
Helicon-drift current interaction in a layered semiconductor structure. 07 p1232 A67-19555
- NANNONI, R.**
Characterization of the semiconductor-dielectric interface from a study of the complex capacity of metal/oxide/semiconductor structures /Caracterisation de l'interface semi-conducteur/dielectrique par l'etude de la capacite complexe des structures metal/oxyde/semi-conducteur/. 09 p1557 A67-22557
- NAPARTOVICH, A. P.**
Transport of high-intensity resonant radiation. 23 p4051 A67-40909
- NAPIER, I. M.**
The photolysis and pyrolysis of nitromethane and methyl nitrite. 18 p2998 A67-34276
The photosynthesis of nitrosoformaldehyde and the identification of its spectrum. 18 p2998 A67-34277
- NAPOLITANO, L. G.**
Near-field solution for non-equilibrium transonic flow around a corner. 06 p0942 A67-18587
On strong small perturbation solutions for steady supersonic flows of inert or reacting mixtures. 11 p1778 A67-24230
Correlation of experimental data for a nonequilibrium plasma with impurities /O
- korrelyatsii eksperimental'nykh dannykh dlia neravnovesnoi plazmy s primeslami/. 17 p2895 A67-32153
- NAPP, D. T.**
Simultaneous and independent potentiostatic control of two indicator electrodes - Application to the copper /III/copper/I/ /copper system in 0.5M KCl at the rotating ring-disc electrode. 20 p3446 A67-36655
- NARA, H.**
Shallow donor potential in silicon. 03 p0493 A67-13363
Chemical shifts of shallow donor levels in silicon. 06 p1061 A67-18925
- NARAGHI, M.**
Dynamics of current sheets in a coaxial accelerator. 02 p0273 A67-12183
- NARAIN, P.**
Stress distribution due to pressurized exterior crack in an infinite isotropic elastic medium with coaxial cylindrical cavity. 04 p0717 A67-15799
- NARANAN, S.**
Studies of cosmic ray neutrino interactions in the Kolar gold field experiment. 24 p4210 A67-42582
- NARANG, H. N.**
A boundary-layer method in porous body heat and mass transfer. 20 p3553 A67-36938
- NARASIMHA MURTHY, G. K.**
Response of an embedded spherical shell to a plane wave. 21 p3718 A67-38020
- NARASIMHA, R.**
Laminar boundary layer on a flat plate at high Prandtl number. 01 p0052 A67-10795
Moment methods and "restricted variation" in kinetic theory. 06 p1355 A67-21141
The structure of the distribution function in gas kinetic flows. 13 p2104 A67-26981
Effect of longitudinal surface curvature on boundary layers. 19 p3209 A67-35415
Leading shock in two-dimensional secondary fluid injection. 23 p3992 A67-41740
- NARASIMHAM, V. S.**
Studies of cosmic ray neutrino interactions in the Kolar gold field experiment. 24 p4210 A67-42582
- NARASIMHAN, K. S. V. L.**
The effect of magnetic element impurities on the resistivity of semiconductors. 22 p3859 A67-39625
- NARASIMHAN, S.**
Characteristics of separation at conical afterbodies. 23 p3927 A67-40631
- NARASINGA RAO, B. C.**
Control of equatorial spread-F by the F-layer height. 03 p0415 A67-14115
Determination of loss coefficient and vertical transport velocity in the ionospheric F-region. 06 p0995 A67-17971
- NARASINGA RAO, K. V.**
Alteration of electron loss processes in oxygen magnetoplasma by microwave absorption. 19 p3271 A67-35077
- NARATH, A.**
Nuclear spin-lattice relaxation in hexagonal transition metals - Titanium. 24 p4203 A67-42109
- NARAY, ZS.**
Dependence of non-classical electron emission from metals on the direction of polarisation of laser beams. 06 p1012 A67-18759
- NARAYAN, S. Y.**
Gap excitation of electron beam-plasma systems. 09 p1480 A67-22283
- NARAYANA RAO, G. L.**
Criteria for recognition of a winter day of high ionospheric absorption. 15 p2476 A67-29623
- NARAYANA RAO, N.**
Total ionospheric electron content at Houghton, Michigan. 15 p2474 A67-29193
Ionospheric electron content and irregularities deduced from BE-C satellite transmissions. 15 p2476 A67-29624
- NARAYANAN, S.**
Transistor distortion analysis using Volterra-series representation. 15 p2455 A67-30386
- NARBUT, V. P.**
Cross-polarized radiation in dish antennas. 08 p1305 A67-21277
Calculation of phase diagrams for axisymmetric and asymmetric antennas /K raschetu fazovykh diagramm osesimmetrichnykh i nesimmetrichnykh antenn/. 18 p3010 A67-33504
Cross-polarized radiation in axisymmetric
- dish antennas with antiphase field distribution. 22 p3770 A67-39658
- NARCHAL, M. L.**
Transient solutions to a three level maser. 11 p1801 A67-24667
- NARCISI, R. S.**
Ion composition of the mesosphere. 10 p1645 A67-23264
Process associated with metal-ion layers in the E-region of the ionosphere. 19 p3217 A67-35204
- NARDONE, L. J.**
Rocket optical studies of daylight day-time auroras. 19 p3214 A67-35168
- NARENDRA, K. S.**
Stability of feedback systems containing a single odd monotonic nonlinearity. 16 p2646 A67-31639
Stability of continuous time dynamical systems with m-feedback nonlinearities. 23 p3985 A67-41726
Stability of feedback systems containing a single odd monotonic nonlinearity. 24 p4136 A67-42187
- NARIAI, H.**
On the gravitational instability in an expanding universe - Reformulation of Lifshitz's theory. 11 p1859 A67-24121
A simple model for gravitational collapse with pressure gradient. 22 p3884 A67-39833
- NARIBOLI, G. A.**
Wave propagation in anisotropic elasticity. 04 p0657 A67-15083
Eigen-function expansions for a fourth order differential equation. 06 p1348 A67-21170
Effect of rotation on the growth of Alfvén wave. 21 p3662 A67-37761
- NARIMATSU, T.**
Fundamental considerations for transistor oscillator design. 21 p3598 A67-38602
- NARIN, F.**
Choice of flight mode for outer planet missions. 02 p0327 A67-12366
Post Apollo Space Exploration, American Astronautical Society, Annual Meeting, 11th, Chicago, Ill., May 3-6, 1965. Proceedings. 08 p1392 A67-21087
Mission requirements for the unmanned exploration of the solar system. 06 p1393 A67-21096
Selection of comet missions. 16 p2745 A67-30749
- NARLIKAR, J. V.**
Role of acceleration in relativistically expanding objects and its significance for the intensity variations in quasi-stellar sources. 05 p0898 A67-18926
Cosmological models and their observational validation. 19 p3327 A67-35870
Microwave background in a steady-state universe. 24 p4226 A67-41875
- NARODETSKII, M. Z.**
Effect of concentrated forces on an infinite plate with three circular holes /Deistvie sosredotochennykh sil na beskonechnuui plastinku s tremia krugovymi otverstiiami/. 12 p2016 A67-25435
- NARODNY, L.**
Representative astronomical experiments associated with manned earth orbital programs. 08 p1392 A67-21071
- NARODNY, L. H.**
Advanced research telescope for lunar surface use. 02 p0246 A67-12414
- NARTOVA, T. T.**
Phase equilibrium and properties of the alloys of the quasi-ternary system Ti sub 3 Al-Ti sub 3 Sn-Zr /Fazovoe ravновесие i svoistva spлавov kvazitroinnoi sistemy Ti sub 3 Al-Ti sub 3 Sn-Zr/. 07 p1204 A67-19264
Investigation of the strength of titanium alloys by bending techniques at 800 deg /Issledovanie prochnosti titanovykh spлавov metodom izgiba pri 800 deg/. 07 p1207 A67-19288
Mechanical properties and heat resistance of the ST1 titanium alloy in relation to heat treatment /Mekhanicheskie i zhарoprochnnye svoistva titanovogo сплава ST1 v zavisimosti ot termicheskoi obrabotki/. 07 p1207 A67-19289
Determination of the heat resistance of titanium alloys. 12 p1955 A67-25366
Types of diagram of composition vs heat resistance as they relate to certain patterns in the heat resistance of titanium alloys /Nekotorye zakonomernosti zhарoprochnosti titanovykh spлавov i tipy diagramm sostav - Zhарoprochnost'/. 15 p2504 A67-30007
Properties of alloys based on the

- aluminide Ti sub 3 Al. 16 p2691 A67-31590
- NARUD, J. A.**
High speed integrated circuit memories. 14 p2280 A67-28014
- NARYSHKIN, A. A.**
Beveling of profiles /Malkovka profile/. 07 p1191 A67-19747
- NARYSHKINA, L. G.**
Cerenkov effect for surface waves. 04 p0668 A67-15273
On the Doppler effect in surface waves. 05 p0765 A67-17180
- NASEDKIN, E. F.**
The effect of a longitudinal magnetic field on the inversion population of the lower levels of Ar II in a capillary arc discharge. 24 p4196 A67-42244
Inversion of population of the 4s and 4p states of Ar II in a stationary arc discharge. 24 p4196 A67-42245
- NASH, C. D., JR.**
Fatigue of self-healing structure - A generalized theory of fatigue failure. [ASME PAPER 66-WA/BHF-3] 04 p0564 A67-15399
- NASH, D. B.**
Proton-irradiation darkening of rock powders - Contamination and temperature effects, and applications to solar-wind darkening of the moon. [JPL-TR-32-1130] 18 p2753 A67-31743
- NASH, J. F.**
The magnification of roughness drag by pressure gradients. 06 p0990 A67-18748
- NASH, R. A., JR.**
The general solution to a second order optimal filtering problem. 07 p1161 A67-19791
- NASH, W. A.**
Nonlinear problems in the dynamics of thin shells. 24 p4252 A67-43096
- NASHATYR, V. M.**
Formation of rectangular current pulses in an active load with the aid of artificial lines /O formirovani priamougol'nykh impul'sov toka v aktivnoi nagruzke s pomoshch'yu iskusstvennykh lini/. 05 p0785 A67-17470
- NASHELSKII, A. IA.**
Some properties of indium phosphide based semiconductor lasers /Nekotorye svoystva poluprovodnikovykh kvantovykh generátorov na osnove fosfida india/. 01 p0086 A67-10065
Coherent radiation from p-n junctions in indium arsenide-phosphide. 01 p0087 A67-10101
Some properties of semiconductor lasers based on indium phosphide. 08 p1339 A67-21448
- NASHIF, A. D.**
Effect of tuned dampers on vibrations of simple structures. 06 p1110 A67-18859
- NASIBOV, A. S.**
Utilization of a cable-type pulse transformer in the power-supply system of a gas laser /Ispol'zovanie kabel'nogo impul'snogo transformatora v sisteme pitaniya gazovogo O.K.G./ 22 p3817 A67-40414
- NASIROV, IA. N.**
Study of the electrical conductivity and thermal emf of CuSbTe sub 2 in solid and fluid states /Issledovanie elektroprovodnosti i termoeds CuSbTe sub 2 v tverdom i zhidkom sostoiianii/. 02 p0297 A67-11846
Effect of partial substitution of lanthanum for germanium on the thermoelectric properties of GeTe /Vliianie chastichnogo zameshchenia germania lantanom na termoelektricheskie svoystva GeTe/. 03 p0500 A67-14231
Study of the thermoelectric properties of a GeTe-GeSe solid solution /Issledovanie termoelektricheskikh svoystv tverdogo rastvora GeTe-GeSe/. 07 p1231 A67-19164
Nature of conductivity and the valence band structure in some germanium-telluride-based solid solutions /K voprosu o prirode provodimosti i strukture valentnoi zony v nekotorykh tverdykh rastvorakh na osnove tellurida germania/. 16 p2730 A67-31164
- NASLEDOV, D. N.**
Some properties of GaAs lasers with an epitaxial p-n junction at room temperature /Nekotorye svoystva kvantovykh generátorov iz GaAs s epitaksial'nym p-n perekhodom pri komnatnoi temperature/. 01 p0087 A67-10080
Temperature dependence of the carrier lifetime in n-type GaAs. 01 p0128 A67-10091
Influence of structure defects on the electrical properties of p-type InSb at low temperatures. 01 p0128 A67-10093
Magneto-optical study of the InSb

- conduction band. 01 p0128 A67-10095
- Continuous coherent radiation of epitaxial GaAs diodes at a temperature of 77 deg K /Neprieryvnoe kogerentnoe izluchenie epitaksial'nykh diodov iz GaAs pri temperature 77 deg K/. 01 p0090 A67-10548
- Continuous coherent radiation of epitaxial diodes of GaAs at 77 deg K. 01 p0091 A67-11056
- Transfer effects in p-type gallium arsenide crystals /Effekty perenosa v kristallakh arsenida gallia p-tipa/. 03 p0491 A67-13174
- The change in the current voltage characteristic of a GaAs quantum generator during the transition from amplification to generation /Izmenenie kharakteristiki tok-napriazhenie gaas kvantovogo generátora pri perekhode ot usilenia izlucheniia k rezhimu generatsii/. 04 p0678 A67-15132
- An InP photoelectric converter of solar energy /Fotoelektricheski preobrazovatel' solnechnoi energii iz InP/. 04 p0679 A67-15141
- Forward branch of the current-voltage characteristic of p-n junctions on a base of p-type indium antimonide /Priamala vetv' vol'tamperno kharakteristiki p-n-perekhodov na baze antimonida india p-tipa/. 04 p0680 A67-15157
- Kinetics of recombination of excess carriers in GaAs p-n junctions. 05 p0861 A67-16391
- Thin multilayer GaAs-metal contacts /Tonkie mnogosloinnye kontakty arsenid gallia-metal/. 06 p1050 A67-17939
- On the mechanism of recombination radiation of p-n junctions in GaAs. 06 p1063 A67-18934
- The effect of a magnetic field upon illuminated InAs p-n junctions. 07 p1237 A67-20181
- On the mixed mechanism of electron scattering in InSb crystals. 07 p1237 A67-20182
- A comparative study of recombination radiation from GaAs p-n junctions with and without Fabry-Perot resonators. 08 p1337 A67-20413
- Some properties of GaAs lasers with epitaxial p-n junctions at room temperature. 08 p1340 A67-21457
- Avalanche multiplication and the ionization coefficient in InAs p-n junctions /Lavinnoe umnozhenie i koeffitsient ionizatsii v InAs p-n-perekhodakh/. 10 p1695 A67-23660
- A gallium arsenide electron-photon transistor. 11 p1765 A67-24475
- Changes in the current-voltage characteristics of lasers during the transition from amplifier to the laser modes of operation. 12 p1951 A67-25158
- Photoelectric transformation of solar energy in InP. 12 p1979 A67-25164
- Double injection and oscillations of the current-voltage dependence of an alloyed GaP p-n junction. 14 p2286 A67-28594
- The forward branch of the volt-ampere characteristic of p-n junctions in p-type indium antimonide. 15 p2534 A67-29344
- Semiconducting A super II B super IV C super V sub 2 compounds. 16 p2725 A67-30801
- Avalanche multiplication in and ionization coefficient of p-n junctions in InAs. 17 p2924 A67-33341
- Thin multilayer gallium arsenide - Metal contacts. 18 p3100 A67-33775
- Lifetime of nonequilibrium current carriers in high resistance crystals of p-InSb /Vremia zhizni neravnovesnykh nositelei toka v vysokoomnykh kristallakh p-InSb/. 20 p3510 A67-36761
- Negative magnetoresistance in Cu-doped n-type GaAs. 20 p3513 A67-37440
- NASON, W. D.**
Comments on the communication and data problems associated with a Mars trip during a conjunction phase. 07 p1145 A67-19870
- NASRITDINOV, A.**
Synthesis of optimal controls in nonlinear second-order oscillatory systems /Sintez optimal'nykh upravlenii v nelineinykh kolebatel'nykh sistemakh vtorgo poriadka/. 14 p2291 A67-28383
- NASSENSTEIN, H.**
Imaging method with wave-front reconstruction /holography/ /Abbildungungsverfahren mit Rekonstruktion des Wellenfeldes /Holographie/. 05 p0807 A67-16800

- NASSIBIAN, A. G.**
Effect of diffused oxygen and gold on surface properties of oxidized silicon. 21 p3678 A67-38149
- Effect of gold on surface properties and leakage current of MOS transistors. 21 p3678 A67-38150
- NAST, T. C.**
The effects of propellant leakage on the heat transfer to a cryogenic propellant tank utilizing high-performance multilayer insulations. 13 p2186 A67-27654
- NASTASE, A.**
Optimum shape of the cruciform wing of symmetrical thickness in supersonic flow. 20 p3355 A67-36192
- NASTOIAISHCHII, A. F.**
Knudsen low-voltage discharge with a hot cathode /Knudsenovskii nizkovaol'nyi razriad s gorlachim katodom/. 11 p1831 A67-24020
- NASUTI, A. J.**
Mariner IV space data automation system /SDAS/ computer reliability. 05 p0777 A67-17254
- NASYROV, A.**
Peculiarities of ferroacoustic resonance in an yttrium ferrite galate solid solution /Osobennosti ferroakusticheskogo rezonansa v tverdom rastvore ferrita-gallata itriia/. 05 p0868 A67-17064
- Characteristic features of ferroacoustic resonance in a solid solution of yttrium ferrite-gallate. 15 p2538 A67-29795
- NASYROV, G. A.**
Dimensions of inhomogeneities of the green line of atomic oxygen in airglow. 13 p2111 A67-26567
- Characteristic features of spatial inhomogeneities in atomic-oxygen emission at 5577 angstrom units during night airglow /Osobennosti prostranstvennykh neodnorodnostei emissii atomarnogo kisloroda lambda 5577 angstrom units v svechenii nochnogo neba/. 17 p2848 A67-32952
- Night-airglow spatial variations in the 5893-angstrom units region /Prostranstvennye variatsii svechenia nochnogo neba v oblasti lambda 5893 angstrom units/. 17 p2848 A67-32953
- NASYROV, R. M.**
Qualitative study of a singular case of stability in the case of two zero roots /Kachestvennoe issledovanie odnogo osobennogo sluchaa ustoiichivosti v sluchae dvukh nulevykh kornei/. 03 p0487 A67-12887
- Stability during a final time interval for the case of two zero roots /Ustoiichivost' na konechnom intervale vremeni v sluchae dvukh nulevykh kornei/. 11 p1813 A67-24518
- NATANSON, G. I.**
Approximation, by Fourier sums, of functions possessing different structural properties on different parts of the domain of definition /Priblizhenie summami Fur'e funktsii, obladaiushchikh razlichnymi strukturnymi svoystvami na raznykh chastyakh oblasti opredeleniia/. 05 p0836 A67-17107
- NATAPOV, B. S.**
The effect of boron and cerium on the nature of boundary distribution of excess carbides in a heat-resistant type of complex nickel alloy /Vlianie bora i tseria na kharakter pogranichnogo raspredeleniia izbytochnykh karbidov s slozhnolegirovannom nikel'evom splave tipa ZnS/. 14 p2338 A67-28674
- NATARAJAN, R.**
The remarkable sudden commencement of November 13, 1960 in the low and middle latitude magnetograms. 20 p3517 A67-36284
- NATCHIPOLSKY, M.**
Terminal radar traffic control systems. 08 p1351 A67-20677
- NATESAN, T. R.**
A supplement to the note on the generalized Nyquist criterion. 15 p2457 A67-29372
- NATESH, M.**
A new concept for critical speed control. [SAE PAPER 670347] 17 p2865 A67-32989
- NATESH, M. S.**
Torsional instability of fully stalled airfoil /or supercavitating hydrofoil/. [ASME PAPER 67-VIBR-12] 11 p1872 A67-24172
- NATESH, R.**
Oxide growth in a Al-Al sub 2 O sub 3 SAP-type alloy by hot stage transmission electron microscopy. 04 p0635 A67-14513

- NATH MAULIK, T.**
Reflected and diffracted fields within a medium formed by a circular cylinder and two planes. 21 p3579 A67-37925
- NATH, A. K.**
Method of statistical linearisation - Its application for evaluation of the response of a hysteretic system to Gaussian inputs. 04 p0593 A67-15637
- NATH, G.**
A simple method of designing a single stage axial flow fan for prescribed spanwise circulation. 12 p1893 A67-25971
A new method of designing a single stage axial-flow fan for prescribed spanwise circulation. 19 p3171 A67-35712
Hypersonic flow in the stagnation region of a circular cylinder. 19 p3171 A67-35713
The flow of a perfect fluid through a single stage axial flow fan with prescribed spanwise circulation. 19 p3171 A67-35714
An approximate method for the calculation of the compressible laminar boundary layer on bodies of revolution with suction. 19 p3210 A67-35721
An approximate solution for axially symmetric inviscid hypersonic flow over a cylinder and a sphere, in the presence of dissociation. 19 p3171 A67-35722
Three-dimensional flow in axial fans with prescribed blade loading. 19 p3171 A67-35723
The compressible laminar spanwise boundary layer on a yawed infinite cylinder with distributed suction. 19 p3342 A67-35724
The compressible laminar boundary layer on an unwaved circular cone, with attached shock wave. 20 p3360 A67-37595
- NATH, P.**
Is the nucleon a pi N bound state/ques/. 11 p1822 A67-23978
- NATHAN, H.**
Living relative of the microfossil Kakabekia. 15 p2429 A67-29648
- NATHAN, I.**
Modified long term system reliability models for maintained systems considering imperfect failure detection, repair and sparing. 01 p0043 A67-11378
An ultrareliable sensing system for vehicles with limited sparing capability. 21 p3624 A67-37786
- NATHAN, M. I.**
High field effects in n-type InSb. 06 p1066 A67-18955
- NATHANSON, H. C.**
The resonant gate transistor. 13 p2079 A67-26870
- NATHE, G. A.**
Analysis of the Para-Foil. 14 p2246 A67-29054
- NATOWITZ, J. B.**
Isomeric cross sections and yield ratios of /d, p/ reactions below 15 Mev. 14 p2350 A67-27790
- NAU, B. S.**
Hydrodynamic lubrication in face seals. [BHRA PAPER E5] 14 p2324 A67-27889
- NAU, H.**
Quantitative comparison of the noise sensitivity of binary and tetravalent signals /Quantitativer Vergleich der Stoerempfindlichkeit binaerer und vierwertiger Signale/. 22 p3761 A67-39787
- NAU, R. A.**
A comparison of fixed wing reusable booster concepts. 15 p2587 A67-29836
- NAUGHTON, J.**
The restoration of cardiovascular integrity in post myocardially-infarcted aviation personnel. 23 p3957 A67-41637
Restoration of cardiovascular integrity in post myocardially-infarcted aviation personnel. 23 p3971 A67-41709
- NAUGLE, D. G.**
The influence of dielectric films on the superconductivity of thin Sn and Tl films. 13 p2182 A67-27360
- NAUGOLNYKH, K. A.**
Relation between the hydrodynamic and electrical characteristics of discharges in liquids. 03 p0476 A67-13210
- NAUMANN, F.**
Effective cross-section of depolarized collisions of excited sodium atoms with noble gas atoms through optical pumping with D sub 2 -light /Wirkungsquerschnitte depolarisierender Stoesse von angeregten Natrium-Atomen mit Edelgasatomen durch optisches Pumpen mit D sub 2 -Licht/. 21 p3639 A67-38018
- NAUMANN, H. D.**
Radiation pressure and space technology /Strahlungsdruck und Raumflugtechnik/. 23 p4071 A67-41345
- NAUMANN, R. J.**
Evolution of the present picture of the meteoroid environment. 15 p2555 A67-29535
- NAUMKIN, O. V.**
Possible approaches to the development of a square-law theory of elasticity /Vozmozhnosti postroeniia kvadratichnoi teorii uprugosti/. 21 p3721 A67-38306
- NAUMOV, A. I.**
Measurement of the atmospheric absorption of radio waves in the range from 1.36 to 3.0 mm /Izmereniye atmosfernogo pogloshcheniya radiovoln v diapazone 1,36-3,0 mm/. 05 p0761 A67-16343
- NAUMOV, A. N.**
Stirling cycle using a dissociating gas /Tsikl Stirlinga na dissotsilrulushchem gaze/. 13 p2221 A67-26390
- NAUMOV, A. P.**
Some problems in the calculation and measurement of the absorption of millimeter and submillimeter waves in atmospheric water vapor. 08 p1294 A67-20817
On Venus radiation spectrum in millimeter range /O millimetrovom spektre izlucheniya Venery/. 22 p3886 A67-40120
- NAUMOV, S. L.**
Use of the electroinductive method for the testing of certain threaded components. 16 p2681 A67-31917
- NAUMOVA, I. N.**
Increase in nozzle thrust by flow rotation /Uvelicheniye tiagi sopla vrashcheniem potoka/. 10 p1590 A67-23027
- NAUMOVA, L. M.**
Structural properties of the anodic layers on silicon /O strukturnykh svoystvakh anodnykh plenok na kremni/. 21 p3681 A67-38360
- NAUMOVA, L. V.**
Mode selection in the semiconcentric cavity of a gaseous laser oscillator. 03 p0437 A67-13286
- NAUMOVETS, A. G.**
Binding energy of Cs atoms adsorbed on /110/ and /100/ faces of a tungsten crystal. 23 p4042 A67-41298
- NAUSTVIK, E.**
Influence of high-latitude disturbances on VLF propagation. 18 p3004 A67-34426
- NAVARATNA, D. R.**
Natural vibrations of deep spherical shells. 01 p0164 A67-11184
Computation of stress resultants in finite element analysis. 01 p0164 A67-11185
Improvements on the analysis of shells of revolution by the matrix displacement method. 01 p0164 A67-11191
Analysis of elastic stability of shells of revolution by the finite element method. 10 p1725 A67-23715
- NAVARRO, J. A.**
Evaluating aircraft requirements in the light of varying or uncertain mission mixes. 22 p3745 A67-39618
- NAVEAU, J.**
The VKIF low density wind tunnel. 04 p0596 A67-14994
- NAVROTSKAIA, IU. N.**
Calculation of the natural frequencies of axially symmetric resonators and the cutoff wavelengths of regular waveguides. 01 p0035 A67-10394
- NAWROCKI, H. F.**
Subsonic diffusers designed integrally with vortex generators. [AIAA PAPER 67-464] 18 p2983 A67-33935
- NAYFEH, A. H.**
Shock-wave structure in a gas containing ablating particles. 08 p1427 A67-21120
A nonlinear correction method for orbit determination. 14 p2384 A67-28127
Asymptotic solutions of an eigenvalue problem with two turning points - Heat transfer in a tube. 23 p4083 A67-41668
- NAYLOR, D.**
On the direct solution of certain half-plane mixed boundary-value problems. 03 p0461 A67-13942
- NAYLOR, R.**
The preparation and application of tantalum thin film passive components. 16 p2640 A67-31528
- NAZARCHUK, G. K.**
Detailed photometry of comet Arend-Roland, 1956 h /Detal'naya fotometriya komety Arenda-Rolana 1956 h/. 05 p0888 A67-16201
- NAZARCHUK, M. M.**
Calculation of losses in diffusers. 04 p0548 A67-15601
Velocity profile and friction in a plane-parallel channel with a developed turbulent compressible gas flow. 04 p0609 A67-15684
Behavior of the friction coefficient during the passage of a compressible gas through tubes with very high negative pressure gradients /O povedenii koeffitsienta treniya pri techenii szhlmaemogo gaza v trubakh pri ochen' bol'shikh otritsatel'nykh gradientakh davleniya/. 06 p0991 A67-18816
A note on the limits of application of the Reynolds analogy to gas flow in tubes. 16 p2660 A67-31203
A semiempirical method for determining the hydrodynamic and thermal characteristics of a turbulent gas flow in tubes /Pro odin napl'emprichnyi metod vyznacheniya gidrodinamicheskikh ta teplovykh kharakteristik turbulentnoi techi gazu v trubakh/. 21 p3611 A67-37912
- NAZARCZUK, K.**
Theoretical and experimental investigation of the participation of muscles in the static and dynamic activity of the upper limbs /Teoretyczne i doswiadczone badania wspoludzialow ukladu miesni konczyny górnej w warunkach statycznych i dynamicznych/. 07 p1133 A67-19346
- NAZARENKO, L. A.**
Thermal radiation from convex plasmas. I. 21 p3663 A67-37937
- NAZARENKO, P. V.**
Deformation of polymers under friction loads /Deformatsiya polimerov pri friktsionnom nagruzenii/. 20 p3473 A67-36842
- NAZARKINA, G. B.**
Preliminary results of measurements of gamma radiation from the lunar surface by the Luna 10 space vehicle /Predvaritel'nye rezul'taty izmerenii gamma-izlucheniya lunnoi poverkhnosti na kosmicheskoi stantsii "Luna-10"/. 05 p0887 A67-16055
Gamma investigation of the moon and composition of the lunar rocks. 19 p3319 A67-35258
Measurements of gamma radiation of the lunar surface by the Luna-10 space station. 21 p3701 A67-37842
- NAZAROFF, G. V.**
Qualitative aspects of resonances in electron-atom and electron-molecule scattering, excitation, and reactions. 02 p0269 A67-12449
- NAZAROV, E. G.**
Influence of different factors on strengthening of the KhN35VTYu /EI 787/ alloy. 12 p1955 A67-25367
- NAZAROV, G. I.**
An exact general integral of the equations of one class of compressible fluids. 04 p0606 A67-15194
- NAZAROV, I. N.**
Calculation of a gun for shaping a helical electron beam of high transverse electron energy /O raschete pushki dla formirovaniya vintovogo elektronnoy puchka s bol'shoi poperechnoi energiei elektronov/. 03 p0475 A67-13088
- NAZAROV, N. I.**
High-frequency heating of a dense plasma. 02 p0274 A67-12460
- NAZAROV, V. B.**
Reversible dekatron counter pulse-to-voltage converter /Reversivnyi dekatronnyi schetchik-preobrazovatel' chisla impul'sov v napriazhenie/. 03 p0425 A67-14265
Reversible dekatron scaler with digital-to-analog conversion. 14 p2321 A67-28777
- NAZAROV, V. M.**
Lasers and the prospects of their application in optical range finders /Opticheskie kvantovye generatory i perspektivy primeneniya ikh v svetodali'nomerakh/. 22 p3800 A67-39961
- NAZAROVA, M. N.**
Investigation of radiation intensity in the radiation belts of the earth by means of the artificial earth satellite "Cosmos-17." 11 p1856 A67-24074
Registration of cosmic rays on the artificial earth satellite "Cosmos-17." 11 p1856 A67-24075
- NAZAROVA, T. N.**
Preliminary results of an investigation of solid interplanetary matter in the vicinity of the moon /Predvaritel'nye rezul'taty

- Issledovanie tverdogo mezplanetnogo veshchestva v okrestnosti luny/. 01 p0150 A67-10910
- Rocket and satellite studies of meteoric dust /Issledovanie meteornoi pyli s pomoshch'yu raket i sputnikov/. 05 p0887 A67-16057
- Preliminary results of a study of solid interplanetary matter in the vicinity of the moon /Predvaritel'nye rezul'taty issledovaniya tverdogo mezplanetnogo veshchestva v okrestnosti luny/. 05 p0887 A67-16058
- Preliminary results of investigations of meteoritic matter along flight trajectories of Zond 3 and Venus 2 probes. 10 p1708 A67-23241
- Measurements of meteoric dust by the Electron 2 satellite. 12 p2008 A67-25825
- Investigations of solid interplanetary matter in the vicinity of the moon. 19 p3319 A67-35275
- Investigation of meteoric dust by means of rockets and satellites. 21 p3701 A67-37844
- Preliminary results of investigations of solid interplanetary matter in the vicinity of the moon. 21 p3701 A67-37845
- NAZAROVZOV, M.**
- Complex representation of the solutions of a certain class of elliptic differential equations /O kompleksnom predstavlenii reshenii odnogo klassa ellipticheskikh differentsial'nykh uravnenii/. 23 p4022 A67-40723
- NEAL, D. M.**
- The effective crack length of an edge slot in a semi-infinite sheet under tension. 23 p4074 A67-40664
- NEAL, L. G.**
- Electrical conductivity of high-voltage two-phase flow in an MHD generator. I. 23 p3942 A67-41758
- NEAL, T. P.**
- Frequency and damping from time histories - Maximum-slope method. 06 p1100 A67-18012
- NEALE, M. J.**
- Selection of bearings. 21 p3633 A67-38145
- NEAT, K. P.**
- Mechanism of radio emission from extensive air showers. 18 p3116 A67-34196
- NEBIKER, F. R.**
- Survey of aerodynamic deceleration systems. [AIAA PAPER 66-988] 02 p0181 A67-12299
- NECHAEV, O. I.**
- Proton-2 earth satellite study of the nuclear component of primary cosmic rays /Izuchenie ladernoi komponenty pervichnykh kosmicheskikh luchei na ISZ "Proton-2"/. 09 p1561 A67-21897
- High-transmission spectrometer for the charges of primary cosmic ray nuclei /Svetosil'nyi spektrometr zariadov pervichnykh lader kosmicheskikh luchei/. 09 p1497 A67-21898
- NECHIN, I. A.**
- Phenomenological characteristics of extensive air showers with a fixed number of muons and electrons /Fenomenologicheskie kharakteristiki shirokikh atmosferynykh livnei s fiksirovannym chislom mu-mezonov i elektronov/. 02 p0318 A67-12777
- Particle groups at a depth of 40 mwe in the composition of an extensive air shower /Gruppy chastits na glubine 40 m v.e. v sostave shirokogo atmosfernogo livnia/. 02 p0318 A67-12779
- Phenomenological characteristics of extensive air showers with a fixed number of muons and electrons. 22 p3877 A67-40279
- Particle groups in extensive air showers at 40 meters water equivalent. 22 p3877 A67-40281
- New data on groups of particles at a depth of 40 mwe below ground /Novye dannye o gruppakh chastits na glubine 40 m v. e. pod zemel'/. 24 p4220 A67-42865
- Fluctuation of the energy fluxes of nuclear-active particles in the stem of an extensive air shower /Fluktuatsii potokov energii laderno-aktivnykh chastits v stvole shirokogo atmosfernogo livnia/. 24 p4220 A67-42867
- Investigation of the penetrating component of high-energy cosmic rays at depths from 20 to 40 mwe below the earth's surface /Issledovanie pronikalushchei komponenty kosmicheskogo izlucheniya vysokoi energii na glubinah 20 i 40 m v.e. pod zemel'/. 24 p4221 A67-42876
- NECHIPORENKO, E. P.**
- Vacuum silicizing of refractory metals. 19 p3238 A67-34918
- NECHITAIENKO, V. A.**
- Meteor train drift /Dreift meteornykh sledov/. 13 p2197 A67-26505
- NECKEL, H.**
- Absolute radiation intensity of the center of the solar disk in the spectral range from 3288 greater than or equal to lambda greater than or equal to 12,480 angstrom units /Die absolute Strahlungsintensitaet der Mitte der Sonnenscheibe im Spektralbereich 3288 greater than or equal to lambda greater than or equal to 12,480 angstrom units/. 06 p1089 A67-18710
- NEDDER, G.**
- Spectroscopic investigation of an argon plasma with self-absorption. [DVL-625] 19 p3278 A67-35135
- NEDELKO, A. A.**
- Ferromagnetic resonance in thin magnetic films /Ferromagnitnyi rezonans v tonkikh magnitnykh plenkakh/. 12 p1981 A67-25241
- NEDERVEEN, C. J.**
- On mechanical properties of unfilled and filled elastomers. 19 p3249 A67-35888
- NEDIUKHA, I. M.**
- Elastic characteristics of niobium-aluminum alloys. 04 p0635 A67-14431
- Effect of irradiation on certain characteristics of niobium and its alloys /Vlianie oblucheniya na nekotorye kharakteristiki nioblia i ego splavov/. 17 p2874 A67-32898
- Elastic properties of niobium alloys with tantalum, vanadium and titanium. 22 p3820 A67-39789
- NEDOREZOV, S. S.**
- Surface effects in the thermodynamics of conduction electrons /O poverkhnostnykh effektakh v termodinamike elektronov provodimosti/. 01 p0133 A67-10748
- Surface effects in the thermodynamics of conduction electrons. 13 p2176 A67-28777
- NEDOSEKINA, N. M.**
- Heat-flux sensor /Indikator teplovogo potoka/. 22 p3801 A67-40217
- NEDOSPASOV, A. V.**
- Positive column from a helium discharge in a strong magnetic field /Polozhitel'nyi stolb gellevogo razriada v sil'nom magnitnom pole/. 02 p0277 A67-12615
- Investigation of a decaying argon-cesium plasma by the microwave method /Issledovanie raspadalushchiesia argonotsezievov plazmy mikrovolnovym metodom/. 09 p1542 A67-21817
- Positive column of a helium discharge in a strong magnetic field. 13 p2170 A67-27371
- Velocity of the ionization waves in a low-temperature plasma /Skorost' ionizatsionnykh voln v nizkoteropturnoi plazme/. 16 p2711 A67-30540
- NEDUMOV, N. V.**
- Large deflections of trapezoidal plates with clamped edges /Bol'shie progiby trapetsievidnykh plastinok s zadannymi kralami/. 21 p3725 A67-38794
- NEE, P. F.**
- Mesoscale temperature variability below 60,000 feet. 05 p0838 A67-17305
- NEEL, C. B.**
- The role of flight experiments in the study of thermal-control coatings for spacecraft. [AIAA PAPER 67-329] 12 p2038 A67-26043
- Albedo and earth-radiation measurements from OSO-II. [AIAA PAPER 67-330] 12 p1938 A67-26044
- NEELAKANTAN, K. A.**
- The intensity of heavy nuclei in the primary cosmic rays over Texas in March 1962 and the solar cycle modulation. 20 p3519 A67-37405
- NEELAND, J. K.**
- Output spectra of Nd-YAG and ruby lasers and implications for laser linewidth determining mechanisms. 05 p0820 A67-16660
- Multiple pass effects in high efficiency laser pumping cavities. 10 p1662 A67-22743
- Measurement of the laser transition cross section for Nd super plus super 3 in yttrium aluminum garnet. 14 p2331 A67-28713
- Power output and efficiency of continuous ruby lasers. 23 p4017 A67-41465
- NEEMAN, Y.**
- Charge exchange and associated production in the algebra of factorized residues. 16 p2705 A67-31627
- NEERMOLOV, A. F.**
- Preliminary results of a study of the spatial rigidity distribution of cosmic-ray intensity by the SIBIZMIR-AN-SSSR expedition in 1965 /Predvaritel'nye rezul'taty issledovaniya ekspeditsiei SIBIZMIR AN SSSR v 1965 g. prostranstvenno-zhestkostnogo raspredeleniya intensivnosti kosmicheskikh luchei/. 05 p0881 A67-16124
- Preliminary results of investigation of the spatial-rigidity distribution of cosmic ray intensity by the 1965 expedition of the Siberian Institute of Terrestrial Magnetism, the Ionosphere and Radiowave Propagation of the USSR Academy of Sciences. 24 p4215 A67-42800
- NEFEDOV, E. I.**
- Theory of coupled open resonators /Do teorii zv'yzanikh vidkritikh rezonatorov/. 21 p3638 A67-37864
- NEFEDOV, I. G.**
- Problem of spacecraft habitability /K probleme obitaemosti kosmicheskikh korabel'/. 13 p2061 A67-26754
- Life in the spacecraft and planetary station. 19 p3179 A67-35209
- NEFF, B. D.**
- Free convection in a container of cryogenic fluid. 13 p2227 A67-27644
- NEFF, D. E.**
- Lunar range radiation patterns of a 210-foot antenna at S-band. [JPL-TR-32-1079] 11 p1763 A67-24298
- NEFF, D. K.**
- Strain gages for load measurement on glass fiber structures at cryogenic temperatures. 01 p0069 A67-11016
- NEFF, J. S.**
- Properties of an intermediate bandpass photometric system. 11 p1792 A67-24778
- NEGODENKO, O. N.**
- Losses in film capacitors with a silicon monoxide dielectric /Poteri v plenochnykh kondensatorakh s dielektrikom iz monookisli kremnia/. 03 p0375 A67-13563
- NEGRIN, A. E.**
- Subsystem test by digital computer. 24 p4128 A67-42932
- NEGRO, F. G.**
- The ASL 70mm photoelectronic system. 01 p0075 A67-11133
- NEGRON, C. D.**
- Digital one-third octave spectral analysis. 03 p0375 A67-13563
- NEHER, H. V.**
- Cosmic-ray particles that changed from 1954 to 1958 to 1965. 11 p1855 A67-23932
- NEHL, W.**
- Optimization of network configurations in a hybrid satellite and ground communication system. 06 p0959 A67-17670
- NEICE, S. E.**
- Drag coefficients for tumbling satellites. 21 p3563 A67-37809
- NEIL, V. K.**
- Negative-mass instability in a cylindrical layer of relativistic electrons. 12 p1970 A67-25254
- NEILAND, O. I. A.**
- Spectroscopic investigations of the intermolecular association in several organic semiconductors /Spektroskopicheskie issledovaniya mezhmolekularnoi assotsiatsii v nekotorykh organicheskikh poluprovodnikakh/. 20 p3512 A67-37301
- NEILAND, V. I. A.**
- Convective and radiation heat transfer in a radiating gas /Konvektivnyi i radiatsionnyi teploobmen v izluchaiushchem gaze/. 01 p0168 A67-11421
- Convective heat transfer in a radiating gas /Konvektivnyi teploobmen v izluchaiushchem gaze/. 03 p0532 A67-12866
- Thermal behavior of a vehicle entering the earth's atmosphere at velocities approaching 15 km/sec /Teplovoi rezhim letatel'nogo apparata pri skorostiakh vkhoda v atmosferu zemli, blizkikh k 15 km/sek/. 13 p2224 A67-27325
- Solving the equations of a laminar boundary layer under arbitrary initial conditions. 15 p2472 A67-29689
- Laminar boundary layer near a corner point of a body /Laminarnyi pogranichnyi sloi vbliz uglovoi točki tela/. 22 p3785 A67-40018
- NEILL, D. H.**
- Hydraulic failure detection pioneered in Titan servo module. 24 p4099 A67-42426
- NEILL, D. L.**
- Solid state protection and control

- devices. 17 p2825 A67-32514
- NEIMAN, I. U.**
Determination of the temperature of the collector p-n junction of transistors in a class B power amplifier /K opredeleniye temperatury kolektornogo p-n-perekhoda tranzistorov v usilitele moshchnosti klassa B/. 03 p0378 A67-13249
- NEIMARK, I. U.**
Calculating an optimal vibration shield /K raschetu optimal'noi vibrozashchity/. 03 p0530 A67-14180
Motions approaching a doubly asymptotic motion /O dvizheniyakh, blizkikh k dvoiakasimptoticheskomu dvizheniyu/. 10 p1675 A67-23608
On stability of stationary motions of holonomic and nonholonomic systems. 11 p1818 A67-24147
Information approach to finding the extremum of functions. 20 p3477 A67-37195
Some methods of calculating the steady motion of a rarefied gas /Nekotorye metody rascheta statsionarnogo dvizheniya razrezhennogo gaza/. 22 p3785 A67-40012
- NEISHADT, L.**
General theory of variational problems and its applications to optimum control /Obshchaya teoriya variatsionnykh zadach s prilozheniyami k optimal'nomu upravleniyu/. 04 p0647 A67-15981
- NEKLIADOV, I. M.**
Investigation into plastic behaviour of zone refined and prestrained Be single crystals. 13 p2137 A67-27111
Effect of programmed ageing on the ductility of beryllium single crystals. 19 p3245 A67-35470
- NEKOKSA, P.**
Scatter of fatigue life of a welded part /Rozptyl zivotnosti svarovane soucasti/. 09 p1506 A67-22471
- NEKRASOV, A. V.**
Helicopters-Design and Engineering. 1 - Aerodynamics /Vertolety-Raschet i Proektirovanie. 1. 04 p0551 A67-15266
Helicopters-Design and Development. Book 2 - Vibrations and Dynamic Stability /Vertolety-Raschet i Proektirovanie. Kniga 2 - Kolebaniya i Dinamicheskaya Prochnost'/. 16 p2597 A67-31812
- NEKRASOV, I. V.**
A method of studying essentially nonconservative oscillatory systems on an electronic analog computer /Odnin metod issledovaniya sushchestvenno nekonservativnykh kolebatel'nykh sistem na elektronnoi modelirushchei ustanovke/. 02 p0227 A67-12420
Synthesis of a self-adaptive servosystem /Sintez odnoi samonastroyayushchiesia slediashego sistema/. 23 p3983 A67-40598
- NEKRASOV, M. M.**
Investigation of thin ferroelectric films. 03 p0498 A67-13708
Nonlinear negative resistors with a dielectric-film base /Nelineynye otritsatel'nye soprotivleniya na nove dielektricheskikh plenok/. 18 p3009 A67-33472
Nonlinear negative dielectric-thin-film resistors for oscillator circuits /Nelineynye otritsatel'nye soprotivleniya na osnove tonkikh dielektricheskikh plenok v generatorynykh skhemakh/. 22 p3769 A67-39576
- NEKRASOV, P.**
System comparison and analysis of tracking and nontracking space power supplies. 20 p3363 A67-36585
Thermal restraints on lightweight solar-cell arrays in synchronous orbit. 24 p4104 A67-42510
Analysis of the operating parameters of secondary batteries in an orbiting space vehicle application. 24 p4106 A67-42522
- NEKRASOV, P. S.**
Protecting solar array output against individual cell failures. 06 p0951 A67-18420
- NELEPIN, R. A.**
Exact boundary of the absolute-stability domain of controlled systems /K voprosu o tochnoi granitse oblasti absolyutnoi ustoiichivosti reguliruemyykh sistem/. 15 p2455 A67-29120
- NELLES, M.**
Energy beams as working tools. 02 p0249 A67-12179
- NELLESSEN, E.**
Comparison of the eigenfrequencies of circular cylindrical shells calculated by various methods with the measured values /Vergleich der nach verschiedenen Verfahren berechneten Eigenfrequenzen kreiszylindrischer Schalen mit gemessenen Werten/. 01 p0162 A67-10839
- NELTHORP, C. F.**
Test rig for Concord's fuel system. 10 p1623 A67-23548
- NELMS, G. L.**
Early results from the topside sounder in the Alouette II satellite. 10 p1649 A67-23302
Proton flare of July 7, 1966 - Ionospheric conditions as deduced from topside soundings. 19 p3312 A67-35178
- NELSON, A. C., JR.**
Methods of design stage reliability analysis. 09 p1572 A67-22310
Performance simulation involving correlated part characteristics. 20 p3401 A67-37315
- NELSON, C. H.**
The lunar orbiter - An integrated design. 24 p4241 A67-42404
- NELSON, C. R.**
The performance of gaseous parahydrogen as a monopropellant for auxiliary propulsion. 16 p2734 A67-30705
- NELSON, D. F.**
Auger recombination of excitons bound to neutral donors in gallium phosphide and silicon. 04 p0682 A67-15463
Measurement of ruby laser cavity losses by Fabry-Perot resonance. 10 p1662 A67-22740
Electromagnetic modes of anisotropic dielectric waveguides at p-n junctions. 23 p3982 A67-41466
- NELSON, D. K.**
Measurement of hypersonic heating to a SNAP reactor. 01 p0112 A67-11022
- NELSON, D. L.**
Mechanisms of ionizing radiation surface effects on transistors. 04 p0588 A67-15707
- NELSON, E. A.**
Discriminator response to an FM signal in a fading channel. 14 p2273 A67-28711
Error rates for digital signals demodulated by an FM discriminator. 20 p3385 A67-37351
- NELSON, E. D.**
Far infrared spectra of Al sub 2 O sub 3 - Cr super 3 super plus and Al sub 2 O sub 3 - Ti super 3 super plus. 14 p2370 A67-28714
Spectral purity for far infrared grating spectroscopy. 17 p2863 A67-33300
- NELSON, G. J.**
On the divergence of radio rays in the ionospheric medium. 16 p2629 A67-31512
- NELSON, H.**
A light-activated semiconductor switch. 08 p1306 A67-21295
Vapor-phase growth of GaAs sub 1 sub x P sub x room-temperature injection lasers. 11 p1802 A67-24741
High-power pulsed GaAs laser diodes operating at room temperature. 22 p3813 A67-39253
- NELSON, H. D.**
On the high-spin motion of a satellite containing elastic parts. 02 p0330 A67-11927
Stability of a nonsymmetrical satellite with elastically connected moving parts. 16 p2762 A67-30962
- NELSON, H. G.**
The effect of vacuum on various mechanical properties of magnesium. 15 p2503 A67-29561
- NELSON, L. S.**
Yellow-green luminosity accompanying the injection of triethylborane into the upper atmosphere. 12 p1932 A67-25208
- NELSON, N. E.**
Failure safety in V/STOL operations. [SAE PAPER 670349] 17 p2798 A67-32991
- NELSON, R. B.**
Shaping the magnetic field for convergent confined-flow electron guns. 09 p1478 A67-22256
- NELSON, R. D.**
Strain gage dynamometer performance in ultra high vacuum. [SESA PAPER 1209] 18 p3142 A67-33896
- NELSON, R. E.**
An absolute calibration source for laboratory and satellite infrared spectrometers. 17 p2862 A67-33288
- NELSON, S. T.**
Experimental performance of the alpha thruster. [AIAA PAPER 67-687] 21 p3692 A67-38718
- NELSON, T. M.**
The effect of TR devices on low noise receivers. 10 p1611 A67-23329
- NELSON, W. G.**
Biological thermal requirements in helium-oxygen environments. 20 p3374 A67-36582
- NELSON, W. L.**
Liquid hydrogen in tonnage quantities. 05 p0789 A67-17017
- NEMAT-NASSER, S.**
Adjoint systems in nonconservative problems of elastic stability. 04 p0709 A67-14834
Instability modes of cantilevered bars induced by fluid flow through attached pipes. 05 p0921 A67-16882
Bending-torsional flutter of a swept wing in a high-density, low-speed flow. [AIAA PAPER 66-475] 06 p1110 A67-18860
Energy considerations in the analysis of stability of nonconservative structural systems. 14 p2398 A67-28094
An energy method for stability analysis of nonlinear, nonconservative systems. 15 p2519 A67-30194
On the stability of the equilibrium of nonconservative continuous systems with slight damping. 17 p2959 A67-32414
Instability of a cantilever under a follower force according to Timoshenko beam theory. 17 p2959 A67-32420
Stability of a bar under eccentric follower force. 20 p3538 A67-36674
- NEMBACH, E.**
Dependence of the superconducting behavior of niobium crystals under torsion on the sample diameter /Abhaengigkeit des Supraleitverhaltens von der Probendurchmesser/. 07 p1209 A67-19646
- NEMCHENKO, V. F.**
Assembly for determining the temperature dependence of the thermal conductivity coefficient, thermal emf, and specific electrical resistance of Cermet materials /Ustanovka dlia opredeleniya temperaturnoi zavisimosti koeffitsienta teplovodnosti, termo-E. D.S. i udel'nogo elektrosoprotivleniya metallokeramicheskikh materialov/. 01 p0076 A67-11248
Device for determining the temperature dependence of the heat conductivity coefficient, the thermal EMF, and the electrical conductance of cermets. 17 p2861 A67-33171
Physical properties of niobium and tantalum nitrides /Fizicheskie svoystva nitridov niobia i tantala/. 22 p3861 A67-39917
- NEMCHENKO, V. I.**
Influence of real gas effects on the hypersonic rarefied flow near the sharp leading edge of a thin plate. 08 p1278 A67-20924
Effect of the kinetics of elementary processes on the ionization of low-temperature plasma jets with various laws of jet parameter distribution /Vliyanie kinetiki elementarnykh protsessov na ionizatsiyu sverkhzvukovykh strui nizkoteraturnoi plazmy/. 17 p2896 A67-32170
- NEMCHYNOV, I. V.**
Gas-dynamic processes in the heating of a substance by laser radiation /Gazodinamicheskie protsessy pri nagrevanii veshchestva izlucheniem lazera/. 05 p0927 A67-17008
Experimental study of the disintegration of an instantaneously heated substance and of the resulting pulse, for energy concentrations lower than the vaporization heat /Eksperimental'noe issledovanie razleta mgnovenno nagretogo veshchestva i voznikalushchego impul'sa pri koncentratsii energii, men'shikh teploty ispareniiya/. 06 p1119 A67-18807
Study of the effect on solids of light radiation from a source of the explosion type /Issledovanie vozdelsivliva na tverdoe veshchestvo svetovogo izlucheniya, poluchennogo pri pomoshchi istochnika vzryvnogo tipa/. 11 p1782 A67-24955
Gasdynamic processes in heating of a substance by laser radiation. 18 p3160 A67-34270
- NEMCHINSKII, V. A.**
Calculation of the kinetic reflection coefficient in the expression for the thermionic emission current from plasma and semiconductors. 23 p4047 A67-41688
- NEMECEK, J. F.**
Advancing DC-9 maintenance techniques through multiparameter recording.

- [AIAA PAPER 67-378] 15 p2420 A67-30349
NEMETH, A. B.
Transformations of the Chebyshev systems. 13 p2148 A67-27472
- NEMETH, F.
Stresses acting in oblique cross sections of shells /Beanspruchungen in schraegen Schnittten von Flaechentragwerken/. 19 p3342 A67-35719
- NEMETH, T.
An attempt to the explanation and to the prediction of the eleven-year cycle of solar activity - Preliminary communication. 01 p0149 A67-10805
- NEMETH, Z.
Experiments with hydrodynamic journal bearings of various materials and designs in sodium at temperatures to 800 deg F. 03 p0428 A67-13227
Experiments with hydrodynamic journal bearings of various materials and designs in sodium at temperatures to 800 deg F. [ASLE PAPER 67-LC-7] 24 p4164 A67-42746
- NEMILOV, I. A.
Study of the behavior of impurity atoms in diatomic crystals of InSb and GaSb. 05 p0881 A67-16392
- NEMIROVSKII, I. V.
Limiting state of laminated and structurally orthotropic cylindrical shells /O predel'nom sostoianii tsilindricheskikh konstruktivno-ortotropnykh tsilindricheskikh obolochek/. 03 p0530 A67-14170
Load-carrying capacity of plane and reinforced cylindrical shells /Nesushchaya sposobnost' gladkikh i podkreplennykh tsilindricheskikh obolochek/. 10 p1720 A67-23600
Limiting equilibrium of cylindrical waffle-type shells /Predel'noe ravновесие tsilindricheskikh vafleobraznykh obolochek/. 21 p3717 A67-37972
Asymmetric buckling of cylindrical shells under creep conditions /Nesimmetrichnoe vypuchivanie tsilindricheskikh obolochek v usloviakh polzuchesti/. 24 p4250 A67-42306
- NEMISH, I. I.
Effect of energy band nonparabolicity on the kinetic properties of semiconductors /Vplyv neparabolichnosti energeticheskikh zon na kineticheskuyu vlastivost' napravlennosti/. 02 p0300 A67-12475
- NEMKOVA, N. G.
Flow of current in a cross connected M.H.D. generator with four electrodes. 18 p2987 A67-33704
- NEMONOV, S. A.
Some regularities of the structure and occupation of the external energy bands in metals and alloys of the beginning of the first transition period /O nekotorykh zakonomernostyakh stroeniya i zapolneniya vneshnikh energeticheskikh polos metallakh i splavakh nachala 1-GO perekhodnogo perioda/. 04 p0640 A67-15975
X-ray spectra, electron structure, and properties of metallic compounds of titanium /Rentgenovskie spektry, elektronnaya struktura i svoystva metallicheskikh soedinenii titana/. 05 p0831 A67-17484
K-spectra and energy band structure of metallic vanadium. 08 p1342 A67-20808
K-absorption and emission spectra of metallic titanium. 10 p1668 A67-23093
X-ray K spectra of phosphorus absorption and emission in semiconductor compounds of type A super III B super V /Rentgenovskie K-spektry pogloshcheniya i emissii fosfora v poluprovodnikovyykh soedineniyakh tipa A super III B super V/. 18 p3095 A67-33440
X-ray L sub III absorption spectra of In and Sb in semiconductor and certain other compounds /Rentgenovskie L sub III spektry pogloshcheniya In i Sb v poluprovodnikovyykh i nekotorykh drugikh soedineniyakh/. 18 p3095 A67-33441
- NEMOLOCHNOV, A. N.
Sidereal diurnal variations of cosmic rays /Zvezdosutocnyye variatsii kosmicheskikh luchei/. 23 p4059 A67-41130
- NEMOTO, T.
Injection laser half adder. 24 p4169 A67-42822
- NEMYTSKII, V. V.
Theory of Liapunov Indices and its Applications to Stability Problems /Teoriya Pokazatelei Liapunova/. 04 p0645 A67-15011
Topological classification of singular points and generalized Liapunov functions /Topologicheskaya klassifikatsiya osobykh tochek i obobshchennyye funktsii Liapunova/. 14 p2342 A67-28381
- NENSOVICH, M.
Analysis of photoemulsion data on nuclear interactions at energies greater than 10 super 12 ev /Analiz fotoemul'sionnykh dannyykh o ladernyykh vzaimodel'stviakh s energiyami greater than 10 super 12 ev/. 24 p4192 A67-42827
- NEPOMNIASHCHAYA, E. Z.
The mechanical properties of welded compositions of some aluminum alloys at low temperatures /Mekhanicheskie svoystva svarnykh soedinenii nekotorykh aluminievyykh splavov pri nizkikh temperaturakh/. 17 p2873 A67-32769
Low-temperature mechanical properties of certain deformable aluminum alloys /Mekhanicheskie svoystva nekotorykh aluminievyykh deformiruemyykh splavov pri nizkikh temperaturakh/. 24 p4170 A67-41923
- NEPPERT, H.
Theoretical spin investigation using an aircraft model with high and low horizontal tail unit /Theoretische Trudeluntersuchung an einem Biegeflugzeug mit hoch- und tiefgesetztem Hoehenleitwerk/. 07 p1130 A67-20148
- NEREM, R. M.
Chemical relaxation phenomena behind normal shock waves in a dissociated freestream. [AIAA PAPER 66-519] 12 p1929 A67-25905
Radiating flows around re-entry bodies. 16 p2589 A67-30721
Shock tube measurements of end-wall radiative heat transfer in air. [AIAA PAPER 67-695] 21 p3732 A67-38724
- NERETINA, N. A.
Obtaining electron fluxes from an arc discharge plasma in metal vapor /Poluchenie elektronnykh potokov iz plazmy dugovogo razlada v parakh metallov/. 09 p1548 A67-22327
- NERHEIM, N. M.
A critical review of the state-of-the-art of the MPD thruster. [AIAA PAPER 67-688] 21 p3693 A67-38719
- NERI, A.
A heating system with programmable radial profile of temperature for the end plates of a Q-device. 11 p1789 A67-24413
- NERUBAIO, B. V.
Two contact problems involving a cylindrical shell reinforced with elastic frames /Dve kontaktnye zadachi tsilindricheskoi obolochki, podkreplennoi uprugimi shpagoutami/. 04 p0717 A67-15889
Application of Vlasov's variational method to the design of a circular cylindrical shell for local loading /Primeneniye variatsionnogo metoda V. Z. Vlasova k raschetu krugovoi tsilindricheskoi obolochki na mestnuyu nagruzku/. 14 p2400 A67-28643
- NESBIT, R. A.
A simplified technique for error analysis of rocket boost inertial navigation systems. 05 p0839 A67-17353
- NESBITT, E. J.
Optimum use of contingency power rating for increasing permissible operating gross weight in twin-turbine helicopters. [AHS PAPER 128] 16 p2599 A67-31842
- NESHPOV, V. S.
Some properties of the pyrolytic carbides and nitrides of group IV metals /Nekotorye svoystva piroliticheskikh karbidov i nitridov metallov IV grupy/. 11 p1804 A67-23903
- NESKHODOVSKII, V. I.
Combined control system of an extremal plant with a corrector in the form of a cognitive system /Kombinovannaya sistema keruvannya ekstremal'nim ob'ektom z korektorom-rozpiznachuchoi sistemoi/. 17 p2830 A67-33099
- NESMELOV, N. S.
Ferrite resonant isolators on coaxial, strip, and rectangular waveguides with a dielectric /Ferritovyye rezonansnye ventili na koaksial'nom, poloskovom i priamougol'nom volnovodakh s dielektrikom/. 02 p0223 A67-12670
- NESMELOVA, I. M.
Deep-lying energy levels in indium antimonide. 05 p0861 A67-16399
- NESOR, H. R.
Al sub 2 O sub 3 single crystal growth by electron beam float-zone melting. 04 p0628 A67-15320
- NESS, N.
Some comments on the laminar compressible boundary-layer analysis with arbitrary pressure gradient. 06 p0992 A67-18862
- NESS, N. F.
Simultaneous trapped electron and magnetic tail field observations. 03 p0410 A67-12951
Remarks on paper by K. G. Ivanov. 07 p1243 A67-19829
Influence of interplanetary magnetic field and plasma on geomagnetic activity during quiet-sun conditions. 07 p1251 A67-19912
The neutral sheet in the geomagnetic tail - Its motion, equivalent currents, and field line connection through it. 07 p1244 A67-19922
Observations of the earth's magnetic tail and neutral sheet at 510,000 kilometers by Explorer 33. 08 p1402 A67-21468
Observed particle effects of an interplanetary shock wave on July 8, 1966. 08 p1378 A67-21469
Satellite measurements of magnetic fields in space. 11 p1863 A67-24549
Summary of results from IMP-I magnetic field experiment. 12 p1936 A67-25802
Magnetic field measurements with the IMP 2 satellite. 14 p2310 A67-28052
Comments on the interpretation of magnetic data from Lunik 10 /Zamechania otnositel'no interpretatsii magnitnykh dannyykh sputnika "Luna-10"/. 16 p2755 A67-31888
Solar source of the interplanetary sector structure. 17 p2953 A67-33400
Probable observations of the geomagnetic tail at 10 super 3 earth radii by Pioneer 7. 20 p3433 A67-37402
Observations of the interaction of the solar wind with the geomagnetic field during quiet conditions. 22 p3870 A67-39670
- NESTER, J. F.
Measurement of the room temperature R sub 1 line width of forty-two rubies. 10 p1662 A67-22741
- NESTERENKO, B. O.
Study of the electron state on a silicon surface free of foreign atoms /Doslizhenniya elektronnykh stanii na atomarno-chistii poverkhnii kremniya/. 14 p2372 A67-28755
- NESTERENKO, V. B.
Calculation of heat regeneration in cycles using working bodies with variable thermal capacity /Raschet tepla regeneratsii v tsiklakh, ispol'zuyushchikh rabochie tela s peremennoi teploemkost'yu/. 07 p1266 A67-19181
Stirling cycle using a dissociating gas /Tsikl Stirlinga na disotsilirovushchem gaze/. 13 p2221 A67-26390
- NESTERIKHIN, I. E.
Excitation of strong collisionless shock waves in a plasma. 04 p0666 A67-15187
Investigation of a plasma injected into a magnetic trap by means of a conical theta-pinch. 04 p0668 A67-15279
Generation of collisionless shock waves propagating along a magnetic field. 05 p0853 A67-16756
The possibility of temperature and density measurements in nonstationary plasmas by means of optical interferometry. 12 p1976 A67-28073
On certain characteristics of plasmas heated by collisionless shock waves. 12 p1976 A67-28074
High-speed measuring methods in gasdynamics and plasma physics /Metody skorostnykh izmerenii v gazodinamike i fizike plazmy/. 21 p3625 A67-37964
Oscillatory structure of a quasi-steady-state MHD shock wave in a plasma /Ostsillatornaya struktura kvazistatsionarnoi magnito-gidrodinamicheskoi udarnoi volny v plazme/. 24 p4195 A67-41937
- NESTEROV, A. A.
Optimal system with controlled feedback. 20 p3410 A67-37232
- NESTEROV, V. E.
Measurement of the effective cross section of the inelastic interaction of protons with carbon nuclei at energy levels of 10 super 10 to 10 super 12 ev by the Proton-1 satellite /Izmereniya effektivnykh sechenii neuprugogo vzaimodel'stvia protonov s ladrami ugleroda pri energiyakh 10 super 10 - 10 super 12 ev na iz Proton-1/. 02 p0315 A67-12757
Measurement of the energy spectrum of primary cosmic rays in the energy range from 10 super 10 to 10 super 14 ev with the

aid of the satellite Proton 1 /Izmerenie energeticheskogo spektra pervichnykh kosmicheskikh luchei v oblasti energii 10 super 10-10 super 14 ev s pomoshch'yu ISZ Proton-1/. 05 p0877 A67-16088

Study of the chemical composition of primary cosmic rays in the moderate-energy range with the aid of the satellite Proton 1 /Izuchenie khimicheskogo sostava pervichnykh kosmicheskikh luchei v oblasti umerennykh energii na ISZ Proton-1/. 05 p0877 A67-16087

Study of high-energy gamma quanta outside the atmosphere /Izuchenie gamma-quantov vysokoi energii za predelami atmosfery/. 05 p0877 A67-16088

Study of the proton component of the inner radiation belt in the Brazilian anomaly with the aid of the satellites Proton 1 and 2 /Issledovanie protonnoi komponenty vnutrennego radiatsionnogo polosa v Brazil'skoi anomalii na ISZ Proton-1 i Proton-2/. 05 p0878 A67-16089

Determination of the location of the cosmic-ray equator from the results of measurements on board the satellite Proton 1 /Opredelenie polozheniia ekvatora kosmicheskikh luchei po rezul'tatam izmerenii na ISZ Proton-1/. 05 p0878 A67-16090

Study of high-energy electrons with the aid of the satellites Proton 1 and 2 /Izuchenie elektronov vysokoi energii na ISZ Proton-1 i Proton-2/. 05 p0878 A67-16091

Proton-2 earth satellite study of the nuclear component of primary cosmic rays /Izuchenie ladernoi komponenty pervichnykh kosmicheskikh luchei na ISZ "Proton-2"/. 09 p1561 A67-21897

High-transmission spectrometer for the charges of primary cosmic ray nuclei /Svetosl'nyi spektrometr zariadov pervichnykh iader kosmicheskikh luchei/. 09 p1497 A67-21898

Device for measuring high-energy gamma quanta present in primary cosmic radiation /Pribor dlia izmereniia gamma-quantov vysokoi energii v sostave pervichnogo kosmicheskogo izlucheniia/. 09 p1497 A67-21899

Discovery and investigation of the Brazil anomaly by spaceships and the Cosmos series of satellites. 12 p1996 A67-25773

Investigation of primary cosmic rays at the Proton-1 scientific station. 16 p2737 A67-30647

Spectrometer of a Proton-type satellite for primary high-energy cosmic-ray particles /Spektrometr chastits pervichnogo kosmicheskogo izlucheniia vysokoi energii dlia ISZ tipa "Proton"/. 17 p2854 A67-32245

Study of the energy spectrum and the composition of primary cosmic rays in the high- and superhigh-energy range on the satellites Proton 1 and 2 /Izuchenie energeticheskogo spektra i sostava pervichnykh kosmicheskikh luchei v oblasti vysokikh i sverkhvysokikh energii na ISZ "Proton-1" i "Proton-2"/. 17 p2935 A67-32246

Measurement by the satellites Proton 1 and 2 of the effective cross sections of inelastic interactions between 10 super 10 to 10 super 12 ev protons and carbon nuclei /Izmerenie na ISZ "Proton-1" i "Proton-2" effektivnogo secheniia neuprugogo vzaimodelstviia s iadrami ugleroda protonov s energiami 10 super 10 - 10 super 12 ev/. 17 p2935 A67-32247

Measurements on board the satellite Proton 1 of the cross sections for inelastic interaction of protons with carbon nuclei at energies of 10 super 10-10 super 12 ev. 22 p3876 A67-40259

Study of the form of the energy spectrum of primary cosmic particles in the energy range from 10 super 10 to 10 super 14 Ev on the Proton 1 and 2 space stations /Izuchenie vida energeticheskogo spektra pervichnykh kosmicheskikh chastits v diapazone energii 10 super 10 - 10 super 14 Ev na kosmicheskikh stantsiakh Proton-1 i Proton-2/. 23 p4054 A67-41091

Energy spectrum of primary protons in the range from 10 super 10 to 10 super 13 ev according to Proton 1 and 2 data /Energeticheskii spektr pervichnykh protonov v oblasti energii 10 super 10 - 10 super 13 ev po dannym Protona-1 i Protona-2/. 23 p4054 A67-41092

Study of the chemical composition of primary cosmic rays in the intermediate-

energy range on the Proton 1 and 2 space stations /Izuchenie khimicheskogo sostava pervichnykh kosmicheskikh luchei v oblasti umerennykh energii na kosmicheskikh stantsiakh Proton-1 i Proton-2/. 23 p4054 A67-41093

Study of high-energy cosmic-ray particles with the aid of "Proton" artificial earth satellites /Izuchenie chastits kosmicheskikh luchei vysokoi energii na iskusstvennykh sputnikakh zemli "Proton"/. 24 p4210 A67-42391

Measurements of the energy spectrum of cosmic rays in the 10 super 10 to 10 super 14 ev range by means of Proton 1. 24 p4212 A67-42762

Investigation of the chemical composition of primary cosmic rays in the region of moderate energies by means of Proton I. 24 p4212 A67-42763

Investigation of high-energy gamma rays beyond the atmosphere. 24 p4212 A67-42764

Investigation of the proton component of the inner radiation belt in the Brazilian anomaly by means of Proton I and Proton II. 24 p4212 A67-42765

Determination of the location of the cosmic ray equator on the basis of data recorded by Proton I. 24 p4212 A67-42766

Investigation of high-energy electrons by means of Proton I and Proton II. 24 p4213 A67-42767

Measurement of the effective cross section of inelastic interaction between protons and carbon nuclei at energies from 10 super 10 to 10 super 12 ev on the Proton 1 and 2 space stations /Izmerenie effektivnogo secheniia neuprugogo vzaimodelstviia protonov s iadrami ugleroda v diapazone energii 10 super 10 - 10 super 12 ev na kosmicheskikh stantsiakh Proton-1 i Proton-2/. 24 p4219 A67-42843

NESTEROVA, N. M. Search for 10 super 13 ev photons from local radio sources. 02 p0311 A67-12587

Fluctuation of the Cerenkov burst accompanying extensive air showers /Fluktuatsii cherenkovskoi vspyskhki, soprovozhdalushchei shirokie atmosferye livni/. 24 p4220 A67-42868

NESTLER, D. E. Results of heat transfer tests of a blunt cone with protuberances at Mach 10. 04 p0549 A67-15832

Laminar heat transfer to cavities in hypersonic low density flow. 04 p0732 A67-15833

NESTOROV, G. Nonstationary and quasi-stationary conditions in the ionospheric D region /Nichtstationaere und Quasistationaere Bedingungen in der Ionosphaerischen D-Region/. 01 p0061 A67-11288

Seasonal and cyclic variations of the nondeviative absorption in the ionospheric D region /Sezonni i tsiklicheskie izmeneniia na neotkionlavashchata absorbtitsiia v oblasti D na Ionosferata/. 04 p0617 A67-15570

Seasonal variations of long-wave absorption during night and morning hours /V'rkhu sezonni izmeneniia na noshechnata i utrinna absorbtitsiia na d'igte v'lni/. 04 p0617 A67-15571

An indicator about the modulation of galactic cosmic rays by the solar wind. 09 p1561 A67-21843

Effect of solar cosmic rays on low ionosphere. 09 p1561 A67-21844

Effect of the sporadic E sub s layer on nocturnal absorption in the ionosphere at 1.22 MHz /Einfluss der sporadischen E sub s-Schicht auf die naechtlliche Ionosphaerenabsorption der Frequenz 1,22 MHz/. 09 p1491 A67-21930

Time variations of the electron production in the D region during solar chromospheric flares /Vremenni variatsii na elektronnata produktitsiia v oblasti D pri sl'nohevl khromosferni eruptsii/. 14 p2378 A67-27909

Additional ionization at the lower boundary of the D region, due to the penetration of solar radiation /Ekstsiesivna ionizatsiia v osnovata na oblasta D ot priklivane na sl'nechevi kosmicheski l'chi/. 14 p2378 A67-27910

Flares and the superposition of two ionospheric effects. 16 p2739 A67-31459

Effect of solar flares on low ionosphere. 17 p2936 A67-32382

NETHERCOT, A. H., JR. Temperature dependence of heat-pulse

propagation in sapphire. 01 p0131 A67-10341

NETTLESHIP, R. A proportional counter spectrometer for the study of the solar soft X-ray spectrum. 20 p3448 A67-36960

NETUSHIL, A. V. Transformations of time sequences /Preobrazovaniia vremennykh posledovatel'nostei/. 19 p3201 A67-34905

NEUBAUER, H. Coaxial precision connectors - Theory and realization. 02 p0213 A67-11648

NEUBER, H. Viscous fluid film on a rotating body of revolution /Zaeher Fluessigkeitsfilm auf rotirender Drehflaeche/. 17 p2836 A67-32261

A shear-strained notch in a Cosserat body /Die Schubbeanspruchte Kerbe im Cosseratkoerper/. 22 p3913 A67-40005

NEUBERT, V. H. Mobility of a long cylindrical shell. 21 p3729 A67-39059

NEUENSCHWANDER, E. Production and characterization of extremely fine carbides, nitrides, and metals /Herstellung und Charakterisierung von ultrafeinen Karbiden, Nitriden und Metallen/. 03 p0440 A67-12925

NEUFELD, M. J. Synchronous satellite station-keeping. 06 p1094 A67-17679

NEUGEBAUER, C. A. Electrical conduction in discontinuous metal films. 02 p0292 A67-11746

NEUGEBAUER, G. Infrared spectra of low-temperature stars. 09 p1566 A67-22224

Observations of an infrared star in the Orion nebula. 09 p1587 A67-22239

Infrared coronal lines. 24 p4224 A67-41822

NEUGEBAUER, M. Mariner 2 observations of the solar wind. II. 13 p2190 A67-26304

[JPL-TR-32-1107]

NEUMAN, C. P. Stability of continuous time dynamical systems with m-feedback nonlinearities. 23 p3985 A67-41726

NEUMAN, M. R. The use of equivalent networks to minimize the tolerance of passive thin film circuits. 04 p0593 A67-15487

Implant biotelemetry and microelectronics. 12 p1903 A67-26171

NEUMANN, D. A method for detecting stratospheric aerosol particles by the scattering of a laser beam /Ein Verfahren zum Nachweis stratosphaerischer Aerosolpartikeln durch Streuung von Laserstrahlung/. 19 p3225 A67-35531

NEUMANN, D. B. Improvement of recorded holographic fringes by feedback control. 15 p2491 A67-30432

NEUMANN, K.-H. Results of radio observations of Soviet earth satellites with a flight-path inclination angle of 65 deg and 51 deg from October 1964 to November 1965 /Ergebnisse der funkttechnischen Beobachtung Sowjetischer Erdsatelliten mit 65 deg und 51 deg Bahnneigung von Oktober 1964 bis November 1965/. 03 p0518 A67-13540

NEUMANN, KL.-K. Thermodynamic properties of an air-carbon plasma /Termodinamicheskie svoistva vozdušno-uglerodnoi plazmy/. 17 p2894 A67-32147

NEUMANN, T. W. A system engineering approach to spacecraft sterilization requirements. 02 p0186 A67-11928

System design of automated laboratory payloads for planetary research. 02 p0334 A67-12349

Automated laboratories for scientific exploration of Mars. 04 p0706 A67-15237

NEUMANN, W. Determination of flowing gas parameters, based on experiments with an argon plasma stream, produced by a stretched arc /Bestimmung von Kenngrößen heißer stromender Gase, gesteuert auf Versuche am Argon-Langbogenplasmastrahl/. 17 p2900 A67-32339

Continuous spectrum of the 1-atm argon arc in the spectral range from 2700 to 5000 angstrom units /Das kontinuierliche Spektrum des 1-atm-Argonbogens im

- Spektralbereich 2700-5000 angstrom units/. 18 p3089 A67-34299
- NEUMARK, G. F.
Theory of the influence of hot electron effects on insulated gate field effect transistors. 09 p1471 A67-21944
Transition from pentode to triode-like characteristics in field effect transistors. 11 p1759 A67-24138
- NEUMER, A. E.
The Lunar Orbiter photographic system. [SMPT PAPER 101-46] 12 p1840 A67-25464
- NEUMEYER, F. E.
Drift angle acuity in spacecraft attitude determination. [AIAA PAPER 67-624] 19 p3337 A67-36013
- NEUNER, G. E.
Resource allocation for maximum reliability. 01 p0084 A67-11354
Lunar communication satellites. [AIAA PAPER 66-315] 06 p0961 A67-17705
- NEUPERT, W. M.
Observation of the solar flare X-ray emission line spectrum of iron from 1.3 to 20 angstrom units. 20 p3519 A67-37396
- NEURATH, P. W.
Biospheres. 06 p0953 A67-19007
- NEUREUTHER, A. R.
A study of the sheath helix with a conducting core and its application to the helical antenna. 11 p1760 A67-24277
- NEURINGER, J. L.
Some viscous flows of a saturated ferrofluid under the combined influence of thermal and magnetic field gradients. 04 p0600 A67-14446
- NEURINGER, L. J.
Far infrared resonant absorption in n-type silicon. 06 p1068 A67-18974
Quantum limit galvanomagnetic phenomena in n-InSb. 13 p2184 A67-27690
- NEUSCHUELER, R.
Ocular tension in hypoxia - Tonometric and tonographic investigations /Il tono oculare in ipossia - Indagini tonografiche/. 06 p0953 A67-17995
Visual acuity in hypoxia measured by symbols presented individually or combined /Comportamento del visus in ipossia, misurato con simboli ravvicinati e presentati singolarmente/. 21 p3575 A67-38507
- NEUSEL, R. H.
Emission studies of mercury in the negative glow of a Hg-H sub 2 discharge. 08 p1356 A67-21296
- NEUSHTADT, R. E.
On the influence of a magnetic field on viscous gas flow. 07 p1230 A67-20144
- NEUSS, H.
Artificial strontium and barium clouds in the upper atmosphere. 17 p2851 A67-33194
- NEUSTADT, L. W.
An abstract variational theory with applications to a broad class of optimization problems. I. 03 p0458 A67-13268
Minimum-fuel impulses for space trajectories. 10 p1678 A67-23424
- NEUSTADT, M.
A parachute recovery system dynamic analysis. [AIAA PAPER 66-25] 08 p1413 A67-21513
- NEUSTADTER, H. E.
Dependence of adsorption properties on surface structure for body-centered-cubic substrates. 08 p1355 A67-20719
Relaxation-time approximation for the mobility of electrons in helium. 22 p3840 A67-39210
- NEUSTRUEV, A. A.
Optimal thickness of the crucible lining in the smelting of titanium /Optimal'nala toishchina garnissazha pri plavke titana/. 07 p1200 A67-19250
- NEUSTRUEV, V. B.
Colour centres in ruby crystals. 20 p3506 A67-36223
- NEUVAZHAEV, V. E.
Outflow of gas into vacuum in the case of a temperature power law at the boundary /Istechenie gaza v vakuum pri stepennom zakone temperaturny na granitse/. 05 p0793 A67-17007
Discharge of gas into vacuum with temperature at the boundary subject to exponential law. 18 p3028 A67-34269
- NEUZIL, L.
Simultaneous balloon and ground measurement of the twilight sky /Mesures simultanees du ciel crepusculaire en ballon et au sol/. 20 p3427 A67-36369
- NEVANLINNA, R.
Calculus of variation and partial differential equations. 24 p4178 A67-42203
- NEVE, N. F. B.
The scanning electron microscope as a means of investigating "second breakdown" and similar phenomena. 02 p0222 A67-12653
Quantitative measurements by scanning electron microscopy. II. 04 p0584 A67-15484
- NEVE, R. S.
Investigation into the behaviour of a jet interaction proportional amplifier. 08 p1282 A67-20460
- NEVELSON, M. B.
Stability of a linear system with random disturbances of its parameters. 11 p1818 A67-24161
- NEVEN, L.
A systematic method for the analysis of high-resolution Fraunhofer line profiles. 10 p1711 A67-23797
Observation of solar line profiles. I. 13 p2198 A67-26706
Deviations from LTE in the C-atom and the abundance of C in the solar photosphere. 24 p4237 A67-42655
- NEVEROV, I. V.
Problems in using the Vlasov method for solving equations of the method of successive loadings in the case of flexible plates and shells /Voprosy primeneniya metoda V. Z. Vlasova k resheniliy uravnenii metoda posledovatel'nykh nagruzenii dlia gibkikh plastinok i obolochek/. 12 p2020 A67-25570
- NEVEU-LEMAIRE, D.
Electronics in a space booster - Environmental conditions, choice and use of components /L'electronique dans un lanceur spatial - Conditions d'ambiance, choix et utilisation des composants/. 21 p3592 A67-38229
- NEVILL, G. E., JR.
Deformation of spherical caps impacted into water. 12 p2030 A67-25937
- NEVILLE, E. D.
Liver regeneration in rats exposed to simulated changes in gravity. 20 p3372 A67-36963
- NEVILLE, J. R.
Effect of chemically inert gases on oxygen consumption in living tissues. 23 p3960 A67-41706
- NEVILLE, T. R.
Material considerations in the design of the Nimbus solar array drive. 10 p1713 A67-23741
- NEVINS, C. D.
Space evacuation of NRC-2 insulation for liquid hydrogen tankage. 10 p1734 A67-23727
- NEVINS, J. L.
Man-machine simulations for the Apollo navigation, guidance, and control system. [AIAA PAPER 67-242] 07 p1136 A67-20063
Man-machine design for the Apollo navigation, guidance, and control system. 22 p3830 A67-39180
- NEVINS, R. G.
Temporal characteristics of body temperature during high thermal stress. 10 p1600 A67-23822
- NEVISON, T. O., JR.
Improving space flight biotelemetry. 17 p2807 A67-32900
- NEVOSTRUEVA, L. I.
A solid-state maser operating with a microrefrigerator at a temperature of 40 deg K. 11 p1800 A67-24467
- NEVSKAIA, E. S.
Unstable motion of a viscous fluid between concentric spheres /O neustanovivshemsia dvizhenii vliazkoi zhidkosti mezhdu kontsentricheskimi sferami/. 09 p1487 A67-21928
- NEVSKII, A. S.
On the possibility of a unified approach to the analysis of different cases of radiative heat transfer between bodies. 14 p2406 A67-28309
- NEVSTRUEVA, E. I.
Effect of underheating on the development of a boiling crisis in two-phase nonequilibrium flows /Vlianie nedogreva na razvitiie krizisa kipeniia v neravnovesnykh dvukhfaznykh potokakh/. 10 p1732 A67-23018
- NEW, G. H. C.
Optical third-harmonic generation in gases. 21 p3639 A67-37962
- NEW, J. C.
Effectiveness of environment-simulation testing for satellites. 04 p0598 A67-15230
- NEW, L. D.
Lubricating greases for aeronautical/aerospace applications. 19 p3248 A67-34993
- NEWBEGIN, R. L.
Stress corrosion cracking of high strength steels and titanium alloys in chloride solutions at ambient temperature. 16 p2690 A67-31385
- NEWBOLD, P. M.
The application of Bayesian statistics to the control of noisy extremum systems. 02 p0226 A67-12145
- NEWCOMB, R.
Grounding of capacitors in integrated circuits. 13 p2078 A67-26783
- NEWCOMB, R. W.
Stability of passive time-variable circuits. 05 p0785 A67-17300
Linear Multiport Synthesis. 18 p3018 A67-34367
A distributional approach to time-varying sensitivity. 23 p3984 A67-40755
- NEWCOMB, W. A.
Dynamics of a gyroviscous plasma. 11 p1839 A67-24547
Exchange invariance in fluid systems. 20 p3419 A67-36151
- NEWELL, D. H.
Spin stabilized interplanetary spacecraft guidance. 02 p0264 A67-12369
- NEWELL, F. D.
In-flight measurement of human response characteristics. [AIAA PAPER 67-240] 07 p1136 A67-20061
- NEWELL, G. C.
Reliability of the SST wing-sweep actuation system. [SAE PAPER 670884] 24 p4098 A67-42018
- NEWELL, H. E.
Impact of space research on science and technology. 17 p2974 A67-32771
Space plans and possibilities. [AIAA PAPER 67-626] 20 p3530 A67-37613
- NEWELL, M. E.
Heat transfer in fully developed laminar flow through rectangular and isosceles triangular ducts. 20 p3553 A67-36940
- NEWELL, R.
Design of a multi-kilowatt photovoltaic power system for manned space stations. 24 p4104 A67-42511
- NEWELL, R. E.
Venus - A contribution to the greenhouse-ionosphere debate. 18 p3135 A67-34543
Stratosphere and mesosphere. 20 p3430 A67-36897
Ultraviolet photographs and the radar cross section of Venus in 1966. 21 p3705 A67-38611
- NEWELL, W. E.
The resonant gate transistor. 13 p2079 A67-26870
The resonant gate transistor - A frequency selective component for integrated circuits. 16 p2642 A67-31724
- NEWGARD, P. M.
Elastic orifices for pressurized gas bearings. 01 p0077 A67-10123
- NEWHOUSE, K. N.
Thermocouple conduction errors in a vacuum cold-wall environment. [ASME PAPER 67-HT-57] 20 p3447 A67-36739
- NEWHOUSE, V. L.
Cryotron storage cells for random access memories. 11 p1765 A67-24625
Multicrossover cryotron - A high gain single stage amplifier. 16 p2640 A67-31431
- NEWKIRK, G. A.
Surveyor 1 observations of the solar corona. 08 p1386 A67-20943
- NEWKIRK, G., JR.
The optical environment of manned spacecraft. 20 p3525 A67-37099
- NEWKIRK, L. L.
Neutron multiplicity monitor observations during 1965. 20 p3452 A67-37407
- NEWLIN, R. D.
Design of an onboard checkout system. 03 p0399 A67-14212
- NEWMAN, A. K.
A new Liapunov function for stability and control of nonlinear time-varying distributed processes. 16 p2646 A67-31638
Quantization error bounds for hybrid control systems. 19 p3202 A67-35625
- NEWMAN, B. G.
Turbulent jets and wakes in a pressure gradient. 11 p1741 A67-24047
The force on a plane screen due to a normal jet. 17 p2836 A67-32127

- NEWMAN, E. H.
The "systems" approach to age management.
[SAE PAPER 660687] 01 p0169 A67-10591
- NEWMAN, J. B.
Near-visible absorption spectra of the CsUO sub 2 /NO sub 3/ crystal.
20 p3506 A67-36229
- NEWMAN, J. C., JR.
Fatigue crack propagation in structures with simulated rivet forces.
24 p4247 A67-41944
- NEWMAN, M.
Natural vibrations of a stiffened pressurized cylinder with an attached mass.
[AIAA PAPER 66-449] 14 p2399 A67-28120
- NEWMAN, M. M.
Triggered lightning strokes at very close range.
22 p3793 A67-39979
- NEWMAN, N.
A determination of the errors in the state vector due to quantization in a hybrid control loop.
24 p4134 A67-42023
- NEWMAN, P.
F-region irregularities after high altitude detonation of July 9, 1962.
[AGARDOGRAPH 95] 15 p2484 A67-30306
- NEWMAN, P. A.
Anomalous radiation effect in p-channel MOSFET's under electron irradiation.
13 p2076 A67-26516
- NEWMAN, P. C.
Measurements of heterojunctions alloyed on to GaAs.
13 p2184 A67-27575
- NEWMAN, R. C.
Viscous-transonic flow in the accretion and stellar-wind problems.
08 p1399 A67-21240
- NEWMAN, R. W.
The stability of ionization fronts.
24 p4224 A67-41816
- NEWMAN, R. W.
Fiber optics in field ion microscopy.
17 p2863 A67-33354
- NEWMAN, R. W.
Field ion microscopy of Ni-Mo alloys.
18 p3065 A67-34364
- NEWMAN, R. W.
A method for indexing field ion micrographs.
24 p4154 A67-42173
- NEWMAN, W. S.
The reception of ground-based Loran transmissions by the fixed-frequency topside sounder satellite.
24 p4119 A67-42061
- NEWMAN, W. S.
The integrated electron content in the equatorial ionosphere.
24 p4148 A67-42063
- NEWSHAM, D. M. T.
Anharmonic contributions to the heat capacities of silicon and germanium.
05 p0870 A67-17199
- NEWSOM, B. D.
X-radiation effects on vibration tolerance of rats.
09 p1452 A67-21719
- NEWSOM, B. D.
Utilization of space environment for therapeutic purposes.
19 p3181 A67-35653
- NEWSOM, B. D.
Lurain simulator for extended metabolic studies.
23 p3966 A67-41597
- NEWSOM, B. D.
Reach effectiveness in a rotating environment.
23 p3956 A67-41630
- NEWSOM, B. D.
The orbital research hospital.
[AIAA PAPER 67-833] 24 p4243 A67-42976
- NEWSOM, B. D.
Integration of physiological research in space.
[AIAA PAPER 67-846] 24 p4117 A67-42982
- NEWSOM, C. D.
A finite element approach for the analysis of randomly excited complex elastic structures.
10 p1724 A67-23710
- NEWSOM, W. A.
Retinal circulation in man during plus G sub z acceleration.
23 p3957 A67-41638
- NEWSOM, W. A.
Retinal fluorescence angiography during blackout on the human centrifuge.
23 p3957 A67-41639
- NEWTON, A.
The frequency-modulation feedback system for the lunar-orbiter demodulator.
06 p0975 A67-18108
- NEWTON, A.
Use of phase subtraction to extend the range of a phase-locked demodulator.
06 p0969 A67-18109
- NEWTON, A. A.
Radial implosion of a partially ionized plasma in a theta pinch.
04 p0671 A67-15646
- NEWTON, A. A.
Energy loss from a theta pinch.
22 p3849 A67-39696
- NEWTON, C. W.
Severe convective storms.
18 p3074 A67-34094
- NEWTON, G.
Pressure conversion constants for magnetron ionization gauges.
23 p4004 A67-41356
- NEWTON, J. H.
The application of malfunction analysis data generated by discrete network simulation.
03 p0399 A67-14213
- NEWTON, R. R.
Characteristics of the Geos A space vehicle /Caracteristiques du vehicule spatial Geos A/.
07 p1259 A67-19759
- NEWTON, R. R.
Measurements of the Doppler frequency in satellite transmissions and their use for geometric geodesy /Mesures de la frequence Doppler dans les transmissions satellite et leurs emplois en geodesie geometrique/.
07 p1144 A67-19771
- NEWTON, R. R.
The navy navigation satellite system.
10 p1877 A67-23183
- NEWTON, R. R.
Everyman's Doppler satellite navigation system.
16 p2701 A67-31272
- NEWTON, R. R.
The U.S. Navy Doppler geodetic system and its observational accuracy.
18 p3003 A67-34241
- NEWTON, R. W.
AH-56A /AAFSS/ safety engineering.
18 p2987 A67-34690
- NEWTON, T. F.
Infrared emission during a simulated lunar eclipse.
[AIAA PAPER 67-290] 12 p2009 A67-26007
- NEY, E. P.
Night-sky phenomena photographed from Gemini 9.
01 p0151 A67-10965
- NG, C. W.
A theory for turbulent fluid films and its application to bearings.
[ASME PAPER 66-LUB-12] 03 p0431 A67-13761
- NG, K. C.
Steady-state and dynamic properties of the floating-ring journal bearing.
[ASME PAPER 67-LUB-13] 24 p4162 A67-42674
- NG, K. C.
The use of pseudo-random signals in adaptive control.
07 p1161 A67-19205
- NG, S.
Linear and nonlinear analyses of skewed plates.
17 p2958 A67-32407
- NG, W. K.
Gain saturation in neodymium - Glass laser amplifiers.
22 p3813 A67-39349
- NGO, D. T.
Electrically tunable low-pass filter using Permalloy films near resonance.
22 p3772 A67-39906
- NGUEN, V.-C.
Scattering and transformation of helical waves in a magnetic plasma /Pro rozsilanni ta transformatsiiu spiral'nikh khvli' v magnitoaktivni plazmi/.
22 p3846 A67-39501
- NGUYEN-HUU-DOAN
Correlation between diurnal meteor activity and the twilight emission of H and K lines /at 3968 and 3933 angstrom units/ of ionized calcium /Correlation entre l'activite meteorique diurne et l'emission crepusculaire des raies H et K /a 3968 et 3933 angstrom units/ du calcium ionise/.
11 p1857 A67-24756
- NGUYEN-HUU, A.
Solid-state H.L.T.T.L. 16-bit memory element.
23 p3975 A67-40698
- NGUYEN-NGOC-TRAN
Study of a flow in magnetohydrodynamic nozzles /Etude d'un ecoulement dans les tuyeres magnetohydrodynamiques/.
13 p2165 A67-26592
- NGUYEN, T. T. A.
Gallium arsenide epitaxial films obtained by the vapor phase transport technique /Couches epitaxiales d'arseniure de gallium obtenues par la technique de transport en phase vapeur/.
08 p1368 A67-20726
- NI, V. KH.
Two-dimensional mixed boundary value problem in heat and mass transfer for a characteristic equation with multiple roots.
14 p2406 A67-28312
- NICELY, H. P., JR.
A system for maintainability surveillance and improvement.
03 p0398 A67-14205
- NICELY, H. P., JR.
An automatic reliability assessment and analysis system for spacecraft automatic checkout equipment.
18 p3021 A67-34701
- NICHIPOROVICH, G. A.
Inverse-magnetron vacuum gage for measuring pressures in the range from 1 x 10 super -12 to 1 x 10 super -4 torr /Inversno-magnetronnyi vakuummetr dlia izmereniia davlenii v diapazone 1 x 10 super -12 - 1 x 10 super -4 tor/.
03 p0425 A67-14268
- NICHIPOROVICH, G. A.
Inversion-magnetron vacuum gage for measuring pressures of 1.10 super -12 to 1.10 super -4 torr.
14 p2321 A67-28778
- NICHIPORUK, W.
Determination of iron, nickel, cobalt, calcium, chromium and manganese in stony meteorites by X-ray fluorescence.
24 p4235 A67-42638
- NICHOLAS, J. W.
An engineering approach to mathematical reliability models.
17 p2865 A67-32585
- NICHOLAS, T.
Determination of the complex shear modulus of a filled elastomer from a vibrating sandwich beam.
09 p1574 A67-21838
- NICHOLLS, D. W.
Elongation limit of strain gages in liquid nitrogen.
23 p4007 A67-41389
- NICHOLLS, J.
Iron-titanium oxides and oxygen fugacities in volcanic rocks.
22 p3792 A67-39975
- NICHOLLS, N. S.
Transmitter research in the U.K.
04 p0581 A67-15052
- NICHOLLS, R. W.
Geometry of Condon loci of molecular spectra.
10 p1681 A67-22959
- NICHOLLS, R. W.
Spectroscopic temperature measurements on laser-produced flames.
15 p2433 A67-29879
- NICHOLLS, R. W.
Franck-Condon factors and r centroids for band systems of ZrO.
16 p2704 A67-31173
- NICHOLS, D. L.
Analog computers.
04 p0579 A67-15737
- NICHOLS, L. D.
Criteria for use of Rankine-MHD systems in space.
16 p2604 A67-30569
- NICHOLS, M. H.
Requirement for a data quality assurance program.
02 p0198 A67-12023
- NICHOLS, R.
The philosophy and some design features of the Hawker Siddeley 748.
15 p2419 A67-29509
- NICHOLS, R.
The philosophy and some design features of the Hawker Siddeley 748.
18 p2986 A67-34074
- NICHOLS, R. J.
Thermal and ablative lag induced by a periodic heat input.
[AIAA PAPER 67-336] 12 p2039 A67-26050
- NICHOLS, T. P.
Jindivik target aircraft.
21 p3570 A67-39131
- NICHOLSON, A. N.
Neurological sequelae of prolonged decompression.
13 p2060 A67-26924
- NICHOLSON, F. T.
The effect of solar perturbation on motion near the collinear earth-moon libration points.
[AIAA PAPER 67-24] 06 p1084 A67-18259
- NICHOLSON, J. E.
Oblique blast wave interaction with a supersonic vehicle.
[AIAA PAPER 67-180] 06 p0989 A67-18486
- NICHOLSON, P. W.
Experimental models for current conduction in an anisotropic medium.
08 p1288 A67-20602
- NICHOLSON, R. B.
On the modulated structure of aged Ni-Al alloys, appendix - On the elastic interaction between inclusions.
01 p0092 A67-10056
- NICHOLSON, R. M.
The feasibility of a helmet-mounted sight as a control device.
09 p1456 A67-22371
- NICHOLSON, R. M.
Raster scan parameters and target identification.
17 p2859 A67-32508
- NICHIPARENKO, S.
Infrasonic waves and auroral activity.
17 p2841 A67-32209
- NICKERSON, P. E.
Application of physics of failure techniques in reliability failure analysis - Case history.
01 p0041 A67-11358
- NICKERSON, W. F.
An electronically despun array for VHF communications by satellite.
14 p2288 A67-28693
- NICKOLA, W. E.
The dynamic response of thin membranes by the moire method.
03 p0531 A67-14362
- NICKOLA, W. E.
Moire study of anticlastic deformations of strips with tapered edges.
11 p1875 A67-24613
- NICKS, O. W.
A review of the Mariner IV results.
18 p3123 A67-34148
- NICODEMI, W.
Diffusion bonding of titanium to steel /Diffusionsschweissung von Titan mit Stahl/.
09 p1520 A67-22436
- NICOL, J.
In-place welding process and weldable tube fittings for hydraulic systems.
17 p2864 A67-32008

- NICOLAI, L. M.
Model of an electric arc balanced magnetically in a gas flow. [AIAA PAPER 67-96] 07 p1240 A67-19437
- NICOLAIDES, J. D.
The determination of aerodynamic stability coefficients from sounding rocket flight data. 08 p1407 A67-20517
- NICOLAS, J.
Process of freezing stresses at ambient temperature /Procédé de figéage des contraintes à la température ambiante/. [ONERA-TP-367] 05 p0919 A67-16480
- NICOLAS, J.-J.
Contribution to the study of the ablation of some materials based on phenolic resins. [ONERA-TP-475] 14 p2404 A67-27896
- NICOLAS, L.
Participation of the computer company group in the final tests of the FR 1 and D 1 satellites /Participation de la compagnie des compteurs aux essais de contrôle final des satellites FR 1 et D 1/. 07 p1163 A67-19530
- NICOLET, M. A.
Measurement of the drift velocity of holes in silicon at high-field strengths. 10 p1690 A67-23168
- NICOLIS, G.
Variational study of the runaway instability in a two-component plasma. 11 p1826 A67-23872
- NICOLIS, J. S.
The distortion of electromagnetic pulses undergoing total internal reflection in a stratified troposphere. 23 p3973 A67-40837
Correlation between the entropy of the envelope fluctuations of a UHF radio signal and the corresponding thermodynamic stability of the tropospheric common volume. 24 p4124 A67-42810
- NICOLL, F. H.
Far-field pattern of electron-bombarded semiconductor lasers. 07 p1196 A67-19798
- NICOLL, W. B.
The effectiveness of the uniform density, two-dimensional wall jet. 15 p2468 A67-29128
Decay of a velocity maximum in a turbulent boundary layer. 16 p2657 A67-30614
- NICOLLIAN, E. H.
Temperature dependence of inversion-layer frequency response in silicon. 11 p1846 A67-24234
- NICOLO, G. B.
Flight performance and low-speed behavior of V/STOL aircraft /Regimi di volo e comportamento a bassa velocità/ degli aeroplani a vettore spinta orientabile /V/STOL/. 02 p0180 A67-11524
- NICULESCU, N.
On the photoionization of cesium vapors by a laser beam. 12 p1973 A67-25396
- NIE, D.-Y.
Thermal snap-through buckling of a bimetallic shallow spherical shell. 06 p1105 A67-18590
- NIEDERMAYER, R.
Basic Problems in Thin Film Physics, Proceedings of the International Symposium, Clausthal-Goettingen, West Germany, September 6-11, 1965. 02 p0281 A67-11701
Problems associated with exact determination of film thickness /Probleme einer exakten Schichtdickenbestimmung/. 02 p0288 A67-11720
- NIEDRACH, L. W.
Fuel cells. 01 p0013 A67-10554
- NIEKE, H.
Thermal power and electrical conductivity of crystals of the SnTe-InTe system /Thermokraft und elektrische Leitfähigkeit von Kristallen des Systems SnTe-InTe/. 04 p0683 A67-15581
- NIELD, M. W.
A report on the delay time of an avalanche discharge in silicon. 07 p1238 A67-20256
- NIELEN, J. A. V.
Temperature influence on the channel conductance of M.O.S. transistors. 14 p2289 A67-28924
- NIELSEN, A. H.
Surface hydroxyl in MgO. 04 p0642 A67-15087
- NIELSEN, L. E.
Mechanical properties of particulate-filled systems. 08 p1421 A67-20916
- NIELSEN, S.
Investigation of epitaxial silicon layers grown in the presence of small quantities of gold. 23 p4036 A67-40656
Single-crystal films of silicon on insulators. 24 p4202 A67-42089
- NIELSON, D.
Oblique sounding of a transequatorial path. [AGARDOGRAPH 95] 15 p2438 A67-30298
- NIELSON, N. E.
Cost effectiveness of fully automatic checkout systems. [AIAA PAPER 67-269] 07 p1269 A67-20078
- NIEMANN, A. F., JR.
Interaction of two cylindrical jets. 06 p0944 A67-18888
- NIEMANN, W.
Organization of quality control - A necessary prerequisite for the successful realization of complex and highly reliable space-flight projects /Die Qualitätssicherungsorganisation - Eine notwendige Voraussetzung fuer die erfolgreiche Durchfuehrung komplexer und hochzuverlaessiger Projekte der Raumfahrt/. 22 p3922 A67-39282
- NIEMEYER, G. M.
Remote measurements of pressures in vacuum systems. 17 p2859 A67-32593
- NIENDORF, L. R.
Self-evacuated multilayer insulation of lightweight prefabricated panels for cryogenic space propulsion vehicles. 10 p1734 A67-23728
- NIENHUIS, R. J.
Second breakdown in the forward and reverse base current region. 02 p0223 A67-12657
- NIES, G. E.
Self-evacuated multilayer insulation of lightweight prefabricated panels for cryogenic space propulsion vehicles. 10 p1734 A67-23728
- NIESSEN, A. K.
The Hall angle of various superconducting niobium-tantalum alloys in the mixed state. 18 p3098 A67-33519
- NIESSEN, W. R.
A hot-gas tunnel for convective heating experiments. [AIAA PAPER 67-106] 06 p0981 A67-18473
- NIESZ, D. E.
Control of composite microstructure through the use of coated filaments. [AIAA PAPER 67-175] 06 p1019 A67-18441
- NIUWENHUIZEN, J. M.
Structural effects in thin films observed by electron microscopy of the film cross-section. 02 p0287 A67-11712
- NIWEDZIAL, R.
Determination of the region of stable operation of a plasma-arc torch /Opredelenie oblasti ustoiichivogo rezhima plazmennodugovoi gorelki/. 17 p2897 A67-32173
- NIGAM, L. N.
A thin aerofoil of small camber in a non-uniform flow. 11 p1742 A67-24658
- NIGAM, R. C.
Some astrodynamical aspects of lunar communications using satellites. 16 p2622 A67-30730
The lifetime of artificial satellites in low-altitude orbits /Die Lebensdauer kuenstlicher Satelliten in niedrigen Umlaufbahnen/. 18 p3136 A67-33550
- NIGH, H. E.
Surface charge after annealing of Al-SiO₂ sub 2 -Si structures under bias. 01 p0032 A67-10004
- NIGHAN, W. L.
Electron transport phenomena in thermionic converter plasmas. 09 p1450 A67-22351
Low-energy electron momentum transfer collisions in cesium plasmas. 16 p2719 A67-31236
- NIGMATULIN, R. I.
Converging cylindrical and spherical detonation waves /Skhodlashchiesia tsilindricheskie i sfericheskie detonatsionnye volny/. 10 p1628 A67-23684
Converging cylindrical and spherical detonation waves. 21 p3612 A67-38285
- NIGUL, U. K.
On results of comparison of a finite-difference method and the method of steepest descents for the analysis of transient stress waves in plates. 11 p1871 A67-24159
- NIHOUL, J. C. J.
Asymptotic law of decay of homogeneous magnetoturbulence. 08 p1359 A67-21122
Hamiltonian description of irreversible steady-state phenomena and elements of a turbulence theory /Description hamiltonienne des phenomenes irreversibles stationnaires et elements d'une theorie de la turbulence/. 19 p3210 A67-35539
Existence of a second series of temperature resonances in a plasma slab with a non-symmetric inhomogeneous density profile. 23 p4034 A67-41359
- NIIMI, T.
A silicon space charge limited diode. 12 p1914 A67-25459
- NIISAWA, J.
Torsional buckling of orthotropic circular cylindrical shells under internal pressure. 11 p1876 A67-24701
- NIIZEKI, N.
Hall effect and thermoelectric power in semiconductive TiO₂ sub 2. 12 p1982 A67-25452
- NIKANOROV, M. A.
Combined effect of plastic deformation and aging on the structure and properties of the titanium alloy TC6 /Sovmestnoe vliianie plasticheskoi deformatsii i stareniia na strukturu i svoistva titanovogo splava TC6/. 04 p0640 A67-15978
- NIKIFOROVA, E. N.
Methods for spacecraft sterilization. 15 p2430 A67-29100
- NIKIFOROVA, O. G.
A log-periodic spiral element and paraboloid reflector with a frequency coverage of 1-7. 02 p0213 A67-11644
- NIKIFORUK, P. N.
A three variable self-adaptive flight control system using discrete interval binary noise perturbation signals. 15 p2572 A67-30319
- NIKISHANOVA, T. I.
Improvement of the radiation resistivity of potatoes in conditions of anoxia /Povyshenie radiorezistentnosti kartofelia v usloviakh anoksii/. 13 p2058 A67-28755
- NIKITENKO, A. F.
Failure during creep /O razrushenii pri polzuchestii/. 20 p3540 A67-37058
- NIKITIN, A. I.
Characteristics of a maser operating on a hydrogen-atom beam /Kharakteristiki kvantovogo generatora na puchke atomov vodoroda/. 02 p0251 A67-11574
- NIKITIN, A. K.
Unstable motion of a viscous fluid between concentric spheres /O neustanovivshemsia dvizhenii vliakoi zhidkosti mezhdu kontsentricheskimi sferami/. 09 p1487 A67-21928
- NIKITIN, A. M.
Stress determination in complex thin-walled structures, using a photoelastic method. 09 p1575 A67-22169
- NIKITIN, E. E.
Theory of thermal excitation and de-excitation of alkali atoms in an inert gas heat bath. 07 p1265 A67-19075
Problem of the study of the elementary processes in a low-temperature plasma /Problema issledovaniia elementarnykh protsessov v nizkoteraturnoi plazme/. 17 p2893 A67-32135
- NIKITIN, E. I.
Investigation of the dust content of air near the Mi-1 and Mi-4 helicopters under operational conditions /Issledovanie zapylenosti vozdukh v blizli vertoletov Mi-1 i Mi-4 v ekspluatatsionnykh usloviakh/. 11 p1744 A67-24530
- NIKITIN, G. I.
Calculation of the operational characteristics of periodic-signal storages /K raschetu rabochikh kharakteristik nakopitelei periodicheskikh signalov/. 06 p0965 A67-18895
- NIKITIN, I. U. P.
Polarization of ruby laser radiation /O polarizatsii izlucheniia rubinovogo lazera/. 15 p2499 A67-29701
Polarization of the radiation from a ruby laser. 24 p4166 A67-41771
- NIKITIN, M. D.
Ensuring radiation safety during flights of the spaceships "Voskhod" and "Voskhod 2" /Obespechenie radiatsionnoi bezopasnosti pri poletakh korabeli "Voskhod" i "Voskhod-2"/. 02 p0308 A67-12321
Provision for radiation safety in flights of "Voskhod" and "Voskhod-2" ships. 14 p2256 A67-27863
- NIKITIN, N. P.
Probability of signal hold-in in a phase-locked AFC frequency search system. 08 p1295 A67-21275

NIKITIN, V. V.

Effect of current injections on the response characteristics of GaAs laser radiation /Viliane toka inzhetskii na vremennye kharakteristiki izlucheniia PKG na GaAs/. 01 p0087 A67-10083

Semiconductor p-n junction lasers in the InAs sub 1 sub -x Sb sub x system. 01 p0087 A67-10087

Lifetimes in single crystals of gallium arsenide /Vremena zhizni v monokristallakh arsenida gallia/. 03 p0490 A67-13151

Concerning the theory of optically coupled GaAs p-n junction lasers. 05 p0814 A67-18390

Effect of injection current on the time dependence of the emission from GaAs lasers. 08 p1340 A67-21460

Lifetime in single crystals of gallium arsenide. 10 p1690 A67-23100

Utilization of a laser to measure the lifetime of excess carriers in gallium arsenide single crystals. 20 p3512 A67-37436

NIKITINA, I. V.

Improvement of the radiation resistivity of potatoes in conditions of anoxia /Povyshenie radiorezistentnosti kartofella v usloviakh anoksi/. 13 p2058 A67-26755

NIKITINA, T. F.

Some properties of GaAs lasers with an epitaxial p-n junction at room temperature /Nekotorye svoystva kvantovykh generatorov iz GaAs s epitaksial'nym p-n perekhodom pri komnatnoi temperature/. 01 p0087 A67-10080

Continuous coherent radiation of epitaxial GaAs diodes at a temperature of 77 deg K /Nepriyemnoe kogerentnoe izluchenie epitaksial'nykh diodov iz GaAs pri temperature 77 deg K/. 01 p0090 A67-10548

Continuous coherent radiation of epitaxial diodes of GaAs at 77 deg K. 01 p0091 A67-11056

Some properties of GaAs lasers with epitaxial p-n junctions at room temperature. 08 p1340 A67-21457

NIKITINE, S.

Luminescence of CuCl at low temperatures excited by very high intensity light /laser/. 06 p1010 A67-17822

Luminescence of CdS at low temperature excited by very high intensity light /laser/. 10 p1687 A67-23779

Optical properties of AuCl at low temperatures /Proprietye optiques de AuCl aux basses temperatures/. 18 p3101 A67-34187

Intensity dependence of emission lines in CdS upon excitation intensity /laser/ at very low temperature. 20 p3461 A67-37295

NIKLORC, J.

The construction and technology of a simple demountable ion microscope. 14 p2314 A67-27770

NIKOGOSIAN, A. G.

Polychromatic diffuse reflection of light from an infinitely deep one-dimensional medium. 07 p1248 A67-19484

NIKOLAEV, A. G.

Measurement of protons of solar origin with energies from 1 to 5 Mev during the flights of the Venera-2, Venera-3, and Zond-3 stations /Izmereniia pri polete stantsii Venera-2, Venera-3 i Zond-3 protonov solnechnogo proiskhozhdeniia s energiei 1-5 Mev/. 06 p1077 A67-17841

Measurement of the intensity of the penetrating radiation at the surface of the moon. 08 p1385 A67-20841

Measurements of the cosmic ray intensity during the flight of the Zond-3 automatic space probe. 10 p1701 A67-23230

The structure of the earth's proton radiation belts according to the data of the Electron series of satellites. 10 p1702 A67-23300

Cosmic-ray studies in interplanetary space and on the moon. 12 p1992 A67-25123

Results of investigations of geometrical position and of composition of the earth's radiation belt particles according to Electron 1 and Electron 2 data. 12 p1998 A67-25816

Methods of constructing satellite onboard multichannel systems for preliminary information processing /Metody postroeniia mnogokanal'nykh bortovykh sistem predvaritel'noi obrabotki informatsii na sputnikakh/. 16 p2633 A67-30673

Measurements of the penetrating radiation intensity on the moon's surface. 18 p3122 A67-34143

Cosmic ray study on the satellite Cosmos 53 /Issledovanie kosmicheskikh luchei na sputnike Kosmos-53/. 23 p4055 A67-41099

Measurement of sun-emitted 1 to 5-Mev protons on Venera 2 and 3 and Zond 3 stations /Izmereniia pri polete stantsii Venera-2, Venera-3 i Zond-3 protonov solnechnogo proiskhozhdeniia s energiei 1-5 Mev/. 23 p4056 A67-41112

NIKOLAEV, A. V.

Energy characteristics of a plasmatron with magnetic arc stabilization /Energeticheskie kharakteristiki plazmatrona s magnitnoi stabilizatsiei dugi/. 09 p1547 A67-22316

NIKOLAEV, B. I.

Energy-mass analyzer for investigating pulsed ion flows /Energo-mass-analizator dlia issledovaniia impul'snykh potokov ionov/. 24 p4158 A67-42741

NIKOLAEV, I. U. A.

Estimation of the accuracy of the performance of a pulse servosystem inside its interval of discreteness /Ob otsenke tochnosti raboty impul'snoi slediashei sistemy vnutri intervala diskretnosti/. 11 p1772 A67-25039

NIKOLAEV, I. U. M.

Solution for a plane shock wave moving through a lightly curved interface of two media. 01 p0053 A67-10984

Fluctuations of the isothermal magnetosphere of the earth. 07 p1173 A67-19699

Modulation of galactic cosmic rays by processes in solar active regions /Modulatsiia galakticheskikh kosmicheskikh luchei, obuslovlennala protsessami v aktivnykh oblastiakh solntsa/. 10 p1699 A67-22801

Modulation of galactic cosmic rays by processes in the active regions of the sun. 24 p4209 A67-42138

NIKOLAEV, O. S.

Mechanical excitation of phosphor suspensions in a solid dielectric and the theory of impact /Mekhanicheskoe vzbuzhdenie suspensii fosforov v tverdom dielektrike i teoriia udara/. 01 p0113 A67-10354

Shock theory and the mechanical excitation of phosphors suspended in a solid dielectric. 11 p1851 A67-25027

NIKOLAEV, P. V.

Characteristics of fluctuations of stellar images and calculation of a telescope automatic guidance system /Kharakteristiki fluktuatsii zvezdnykh izobrazhenii i raschet sistemy avtomaticheskogo gidirovaniia teleskopov/. 02 p0241 A67-11993

NIKOLAEV, R. M.

Current heating of plasma in a closed magnetic trap /Tokovyi nagrev plazmy v zamknutoi magnitnoi lovushke/. 16 p2717 A67-31186

NIKOLAEV, V. S.

Viscous hypersonic gas flow past slender pointed cones. 13 p2050 A67-26882

NIKOLAI, P. J.

Reduction of two-point boundary value problems in a vector space to initial value problems by projection. 08 p1348 A67-21192

NIKOLAYCHIK, G.

Thermal stress analysis of epoxy encapsulants. 21 p3723 A67-38630

NIKOLOV, N.

Longitudinal resonances of plasma surface waves in noble gases. 17 p2899 A67-32309

NIKOLSKAIA, A. V.

Investigation of the thermodynamic properties of gallium arsenide by the electromotive force method /Issledovanie termodinamicheskikh svoystv arsenida gallia metodom elektrodvishushchikh sil/. 03 p0498 A67-13840

NIKOLSKAIA, K. I.

He I excitation in chromospheric spicules /Vozbuzhdenie lini gellia v khromosfernykh spikulakh/. 02 p0328 A67-12484

He I excitation in chromospheric spicules. 10 p1708 A67-23352

NIKOLSKII, A. A.

Supersonic gas flows in perforated boundaries /Sverkhzvukovye techeniia gaza v perforirovannykh granitsakh/. 17 p2789 A67-32019

NIKOLSKII, A. P.

Relationship between magnetic activity and disturbances in the F sub 2 layer of the ionosphere. 07 p1173 A67-19702

NIKOLSKII, G. A.

Direct solar radiation up to 30 km and stratification of attenuation components in the stratosphere. 07 p1170 A67-19390

Vertical profiles of the radiation balance and its components according to measurements in 1963 and 1964 /Vertikal'nye profil radiatsionnogo balansa i ego sostavliashchikh po dannym izmerenii 1963-1964 gg./. 19 p3214 A67-34853

Components attenuating direct solar rays in the troposphere and lower stratosphere /Komponenty oslableniia pramoii solnechnoi radiatsii v troposfere i nizhnii stratosfere/. 19 p3214 A67-34854

Measurement of the radiation balance in the free atmosphere with the aid of polyethylene-protected balance measuring devices /Izmereniia radiatsionnogo balansa v svobodnoi atmosfere s pomoshch'iu balansomerov s polietilenovoi zashchitoy/. 19 p3227 A67-34855

NIKOLSKII, G. H.

Coronal condensation temperature /O temperature koronal'noi kondensatsii/. 06 p1083 A67-18154

NIKOLSKII, G. M.

Motion and nature of the H sub alpha -spicules in the solar chromosphere /Dvizheniia i priroda H sub alpha -spikul v solnechnoi khromosfere/. 02 p0328 A67-12483

Non-eclipse coronagraphs. 09 p1495 A67-21636

The motion and nature of H alpha spicules in the solar chromosphere. 10 p1708 A67-23351

Study of the 535-mm single-lens objective of a large noneclipse coronagraph /Issledovanie 535-millimetrovogo odnolinnovogo ob'ektiva bol'shogo vnezatmennogo koronografa/. 15 p2485 A67-29151

The temperature of a coronal condensation. 16 p2741 A67-30498

The Lyot-coronagraph with 53 cm objective. 23 p4001 A67-41238

Tests of the 535-mm singlet objective of the large new coronagraph. 24 p4158 A67-43074

NIKOLSKII, L. A.

Production of gas-turbine engines /Proizvodstvo gazoturbinnykh dvigatelei/. 11 p1798 A67-24518

NIKOLSKII, S. I.

Necessity for a hypothesis of a new process of energy transfer into an electron-photon avalanche by nucleons of energies above 10 super 13 ev /Neobkhodimost' gipotezy o novom protsesse peredachi energii v elektronno-fotonnuiu lavinu nuklonami s energiei vyshie 10 super 13 ev/. 01 p0144 A67-10745

Prospects for investigation of cosmic rays in the region of ultrahigh energies. 02 p0312 A67-12603

High-energy nuclear-active particles and extensive air showers in the depth of the atmosphere. 02 p0312 A67-12608

Necessity for a new hypothesis regarding energy transfer to an electron-photon cascade by nucleons with energies exceeding 10 super 13 EV. 13 p2192 A67-26774

Prospects for studying particle interactions at energies from 10 super 13 to 10 super 15 ev /Perspektivy issledovaniia vzaimodeistviia chastits v oblasti energii 10 super 13-10 super 15 ev/. 24 p4220 A67-42862

NIKOLSKII, S. M.

Constructive representation of zero classes of differentiated functions of many variables /Konstruktivnoe predstavlenie nulevykh klassov differentsiruemnykh funktsii mnogikh peremennykh/. 01 p0106 A67-10902

NIKONOROVA, A. I.

Coefficient of linear expansion of commercial titanium /O koeffitsiente lineinogo rasshireniia tekhnicheskogo titana/. 07 p1208 A67-19297

NIKONOV, V. B.

Astronomical telescope on the moon. 04 p0597 A67-15068

NIKONOVA, E. I.

Production of one longitudinal mode in a ruby laser. 24 p4169 A67-42894

NIKULIN, M. G.

Stability of a flexible wire in a longitudinal magnetic field. 06 p1040 A67-18095

NIKULIN, M. V.

Experimental study of the strength of cylindrical shells under local loads /Eksperimental'noe issledovanie prochnosti tsilindricheskikh obolochek pri deistvii lokal'nykh nagruzok/. 03 p0527 A67-14069

- NIKULINSKAIA, S. N.
Static instability regions in cylindrical shells /Oblasti staticheskoi neustoiichivosti tsilindricheskikh obolochek/. 12 p2026 A67-25815
- NILOV, E. V.
Effect of the spatial structure of a laser beam on second-harmonic generation in ADP and KDP crystals /Vliianie prostranstvennoi struktury puchka opticheskogo kvantovogo generatora na generatsiiu vtoroi harmoniki v kristallakh ADP i KDP/. 09 p1511 A67-21916
Effect of the spatial structure of a laser beam on the generation of the second harmonic in ADP and KDP crystals. 14 p2329 A67-28245
- NILOV, O. M.
Measurement of the surface temperature of an oxide cathode for a pulsed emission current. 24 p4129 A67-42231
- NILSON, D. M.
Specifying post-detection maximal-ratio diversity combiners. 20 p3397 A67-36583
- NILSON, E. N.
On the solution to the plane problem in the static theory of elasticity for multiply-connected regions with given surface tractions. 01 p0160 A67-10516
- NINERAILLES, J.
The Carpitron. 23 p3982 A67-41431
- NINHAM, B. W.
Generalised functions and divergent integrals. 08 p1349 A67-21193
Numerical quadrature and asymptotic expansions. 13 p2145 A67-28734
- NININGER, H. H.
Tektilites that were partially plastic after completion of surface sculpturing. 17 p2947 A67-32774
- NINUA, O. A.
Injection luminescence of epitaxial heterojunctions in the GaP-GaAs system /Inzhetskionnala luminesstentsilia epitaksial'nykh geteroperekhodov v sisteme GaP-GaAs/. 09 p1554 A67-21975
Injection luminescence of epitaxial heterojunctions in the GaP-GaAs system. 17 p2923 A67-33312
- NIOLLET, M.
Propagation and vibratory phenomena of cylindrical and expanding detonation waves in gases. 18 p3153 A67-33822
- NIPPE, E. F.
A method of investigating low-cycle thermal fatigue. 20 p3543 A67-37699
- NIR, A.
Natural tritium. 04 p0613 A67-14855
- NIRENBERG, L.
On stability for difference schemes - A sharp form of Gardning's inequality. 06 p1025 A67-18642
- NISBET, J. S.
Measurements of electron density in the upper ionosphere by propagation measurements between sections of a high altitude rocket. 10 p1648 A67-23287
Neutral atmospheric temperatures from incoherent scatter observations. 22 p3794 A67-40474
- NISELSON, L. A.
Preparation of titanium silicides by simultaneous reduction with hydrogen of titanium and silicon tetrachlorides /K voprosu o poluchenii silitsidov titana sovmeštynm vosstanovleniem tetrakhloridov titana i kremnili vodorodom/. 01 p0093 A67-10292
- NISEWANGER, D. A.
The IBM Electronic Circuit Analysis Program /ECAP/. 01 p0031 A67-11336
- NISHI, Y.
Determination of impurity distribution in silicon epitaxial film using MOS capacitor. 05 p0866 A67-16985
- NISHIDA, A.
The origin of fluctuations in the equatorial electrojet - A new type of geomagnetic variation. 03 p0408 A67-12840
Formation of plasmopause, or magnetospheric plasma knee, by the combined action of magnetospheric convection and plasma escape from the tail. 04 p0693 A67-14964
Average structure and storm-time change of the polar topside ionosphere at sunspot minimum. 19 p3218 A67-35230
- NISHIDA, F.
Multiparameter self-adaptive control by means of pole-zero cancellation. 05 p0783 A67-16523
Optimizing control by prediction. 05 p0784 A67-16524
- NISHIDA, S.
A consideration of the phase center of aperture antennas. 16 p2639 A67-31357
- NISHIGAKI, K.
Mechanism of the inception of hydraulic cavitation. 04 p0606 A67-15123
- NISHIGAKI, S.
Studies on the mechanical properties of Japanese beryllium. 13 p2140 A67-27134
- NISHIKAWA, K.
Investigation of surface film boiling under free convection. I. 13 p2222 A67-26532
- NISHIKORI, K.
Recent ionospheric sounding. 10 p1630 A67-22775
- NISHIMOTO, T. S.
The analysis of shells of revolution having arbitrary stiffness distributions. 10 p1730 A67-23771
- NISHIMURA, G.
Behavior of a vibration of one degree of freedom under vibrating solid friction of high frequency. 14 p2348 A67-28257
- NISHIMURA, J.
Theory of cascade showers. 14 p2379 A67-27961
- NISHIMURA, K.
Velocity dependence of the Coulomb logarithm and the temperature equalization of electrons and ions in a plasma. 04 p0672 A67-15775
- NISHIMURA, T.
Error bounds of continuous Kalman filters and the application to orbit determination problems. 19 p3199 A67-34779
On the solution of error covariance difference equations by means of canonical decomposition and z transform. 24 p4177 A67-42188
- NISHIMURA, Y.
Electrical properties of metal thin films which are evaporated on a rotating cylindrical substrate. 16 p2727 A67-30899
- NISHINA, R.
Rocket observation of the nighttime ionosphere using the VLF Doppler technique. 19 p3215 A67-35180
- NISHINA, Y.
Magneto-optical studies of exciton effects in layer-type semiconductors. 06 p1060 A67-18917
- NISHINAGA, T.
Thermodynamical consideration for the preparation of GaAs-Ge heterojunctions through closed tube process. 02 p0296 A67-11767
- NISHIOKA, K.
A survey of advanced structural technologies applicable to future large launch vehicles. 15 p2569 A67-29855
- NISHIOKA, M.
Hovering stability of a crane helicopter. 05 p0751 A67-16439
- NISHITANI, H.
Considerations on the elastoplastic theory by the concept of slp. 05 p0918 A67-16424
- NISHITANI, T.
Calibration test in photo-rheological stress analysis for variable rate of principal stress difference. 20 p3536 A67-36419
- NISHIWAKI, N.
Heat transfer and skin friction in turbulent boundary layer with mass injection. 04 p0733 A67-15842
Evaluation of band emissivities of carbon dioxide and water vapour. 22 p3918 A67-40042
- NISHIYAMA, T.
Curved flow effect in the lifting-surface theory of propellers of wide blade. 05 p0791 A67-16427
- NISHIYAMA, Z.
The electron microscopic structure and lattice defects of the martensite in commercially pure titanium. 06 p1017 A67-17966
/1011/ transformation twins in titanium. 06 p1017 A67-17967
- NISHIZAKA, T. J.
Survey of docking mechanisms applicable to logistics spacecraft systems. [AIAA PAPER 67-908] 24 p4244 A67-43015
- NISHIZAWA, J.
A design method for variable-capacitance diodes with an m-th power characteristic for a wide voltage range. 09 p1478 A67-22213
Pulse characteristics of the distributed Esaki diode. 21 p3599 A67-38609
Measurements of lifetime in GaAs diodes. 23 p3982 A67-41468
- NISHIZAWA, J.-I.
Travelling-wave field-effect transistors. 04 p0582 A67-15096
Production techniques for semiconductors. 12 p1950 A67-26211
- NISIDA, M.
Stress concentration in a plate due to uniformly spaced circular holes. 05 p0918 A67-16423
Analysis of stresses in a semi-infinite plate due to a pin by interferometric method. 10 p1718 A67-23245
- NISKALA, J. H.
Assuring secure assemblies with mechanical fasteners. [ASME PAPER 67-DE-3] 14 p2327 A67-28865
- NISKANEN, W. W.
Designing strike aircraft. 15 p2418 A67-29396
- NISSEL, N. B.
Asymptotic solution for short ring-reinforced oval cylinders. 10 p1729 A67-23766
- NISSIM, E.
On a simplified technique for the determination of the dynamic properties of a linear system with damping. 09 p1575 A67-22160
- NITATORI, K.
Statistical method of group synchronization. 01 p0027 A67-11236
- NITIKMAN, H.
Aerospacraft. 06 p1096 A67-19022
- NITSOVICH, M. V.
Anisotropy of piezothermal EMF in silicon and germanium /Do pitannia pro anizotropiiu p'ezotermo-E.R.S. v kremnili ta germanii/. 20 p3511 A67-37147
- NITSOVICH, V. M.
Anisotropy of piezothermal EMF in silicon and germanium /Do pitannia pro anizotropiiu p'ezotermo-E.R.S. v kremnili ta germanii/. 20 p3511 A67-37147
- NITZAN, D.
Models for elastic and inelastic flux switching. 05 p0774 A67-16832
- NITZBERG, R.
Probability of maintaining target track for nonmanoeuvring targets approaching a uniformly scanning search radar. 13 p2068 A67-26782
- NITZSCHE, P.
Seasonal variations of ionospheric absorption deduced from A3-measurements in the frequency range 100-2000 kc/s. 14 p2312 A67-28570
- NIU, K.
Collisionless shock wave in a plasma. 21 p3667 A67-38410
Electrical conductivity of a fully ionized plasma. 22 p3851 A67-39725
- NIX, G. H.
Direct determination of thermal diffusivity and conductivity with a refined line-source technique. [AIAA PAPER 67-314] 12 p2037 A67-26029
Evaluation of constants for the Rohsenow pool-boiling correlation. [ASME PAPER 67-HT-33] 20 p3547 A67-36723
- NIXON, D.
Package fabrication and evaluation. 21 p3634 A67-38621
- NIXON, A. C.
Endothermic fuels as heat sinks for hypersonic flight. 15 p2543 A67-29305
- NIXON, F.
Mechanical aspects of aircraft reliability. 05 p0812 A67-17243
Testing for satisfactory life. 20 p3538 A67-36699
- NIXON, J.
Thickened fuels for aircraft safety. [SAE PAPER 670364] 17 p2927 A67-33001
Non-Newtonian fuels for aircraft safety. [AIAA PAPER 67-503] 18 p3110 A67-33967
- NIXON, W. C.
Electron beam induced potential contrast on unbiased planar transistors. 17 p2823 A67-32197
- NIXON, W. M.
Ferric-doped-rutile 8 mm maser. 03 p0438 A67-13986
Dependence of the propagation loss in laser ranging systems on the meteorological visibility and target/receiver range. 17 p2812 A67-32305
- NIZERY, A.
Design of a maser for traveling waves over a large band at centimeter wavelengths /Realisation d'un maser a ondes progressives a large bande en ondes centimetriques/. 09 p1482 A67-22481

- Centrimetric broadband traveling wave maser /Maser a ondes progressives a large bande en ondes centimetriques/. 20 p3458 A67-36492
- NIZHEGORODOVA, I. V.**
Modulation of the Q-factor of a ruby laser with the aid of saturating filters based on phthalocyanine solutions /Modulatsiya dobrotnosti rubinovogo lazera s pomoshch'yu nasyshchalushchikhsia fil'trov na osnovie rastvorov ftalotsianinov/. 02 p0252 A67-12423
- NOACK, G.**
The closed MHD loop, 16 p2653 A67-30553
- NOACK, H.**
Radio relay lines /Richtfunklinien/. 07 p1141 A67-19342
- NOBLE, L. E.**
Studies on an advanced passively pressurizing partial pressure suit. 23 p3969 A67-41647
- NOBLE, M.**
Further evidence on secondary task interference in tracking. 13 p2061 A67-26490
Secondary task interference in the performance of tracking tasks. 13 p2061 A67-26491
The organization of skilled response. 14 p2254 A67-28034
- NOBLE, P. J. W.**
Light sensitive arrays based on photodiodes combined with MOS devices. 14 p2282 A67-28026
Solid state image detectors. 22 p3796 A67-39332
- NOBLES, R. A.**
Neutron multiplicity monitor observations during 1965. 20 p3452 A67-37407
- NOBREGA, F. T.**
Absorptional atelectasis breathing oxygen at simulated altitude - Prevention using inert gas. 09 p1453 A67-21732
- NOCI, G.**
On the association rate between solar surges and flares. 17 p2938 A67-32820
- NOCILLA, S.**
Basic concepts in the surface interaction of freemolecular flows or molecular beams. 13 p2159 A67-27299
- NOCK, J. A., JR.**
Properties of commercial wrought alloys. 14 A67-27808
- NODIA, M. Z.**
Method of studying secular variations of the geomagnetic field before our era. 12 p1933 A67-25554
- NOE, P.**
Characteristics of an ideal leak-detection unit /Qualites d'un groupe ideal de detection de fuites/. 04 p0556 A67-15630
Joint tightness - Leak detection methods in vacuum technology /Etanchete des jonctions - Methodes de detection des fuites en technique du vide/. 20 p3443 A67-36474
- NOEL, G.**
GaAs thin-film solar cells. 10 p1596 A67-23165
- NOEL, G. T.**
Low-energy proton irradiation of coated and uncoated thin-film CdS and single-crystal Si solar cells. 01 p0037 A67-10476
Progress in thin film GaAs solar cells. 23 p4048 A67-41493
- NOEL, T. M.**
Estimates of spectral energy density applied to vertical profiles of the horizontal wind in the lower ionosphere. [AFCRL-67-0054] 04 p0615 A67-14970
Observation of mesosphere winds and turbulence with smoke trails. 18 p3043 A67-34496
- NOERDLINGER, P. D.**
Spectral shifts in quasi-stellar objects. 03 p0515 A67-14321
Transverse wave instabilities in anisotropic hydrogen plasmas. 05 p0858 A67-17429
A moving body must "appear" cool. 10 p1680 A67-23496
- NOETHER, H. D.**
The effects of structural modifications on the critical properties of PBI fiber. 21 p3648 A67-37875
- NOGINOV, A. M.**
Experimental investigation of the spectral distribution of the noise of germanium and silicon photodiodes. 11 p1765 A67-24473
- NOGUCHI, S.**
Oscillatory magneto-thermal effect in semimetals. 17 p2912 A67-32267
- NOGUES, C.**
Man and decompression /L'homme et la decompression/. 16 p2615 A67-31766
- NOH, W. F.**
A general theory for the numerical solution of the equations of hydrodynamics. 07 p1187 A67-19157
- NOHIRA, H.**
Convective heat transfer in an annulus with an inner rotating cylinder. 20 p3543 A67-36422
- NOISEUX, D. U.**
Design of a sonic pressure gauge. 21 p3630 A67-38767
- NOLAN, M.**
An evaluation of an operational sounding rocket to fulfill a new 100 kilometer requirement. 08 p1404 A67-20494
- NOLAND, M.**
Gold resistance thermometers for surface-temperature measurements of semitransparent materials - A development study. 18 p3051 A67-34505
- NOLAND, M. C.**
Thermal analysis of the Apollo - A computer technique which accounts for the influence of self-shadowing. 02 p0334 A67-12390
Cold welding tendencies and frictional studies of clean metals in ultra-high vacuum. 19 p3237 A67-35839
Designing for the high-velocity metalworking processes. 20 p3454 A67-36886
- NOLIN, I. P.**
Gyros. 04 p0626 A67-15732
Inertial-guidance platforms. 04 p0578 A67-15733
- NOLIN, J. P.**
Effect of hydrogen and nitrogen on the ductility of beryllium purified by zone refining /Effet de l'hydrogene et de l'azote sur la ductilite du beryllium purifie par fusion de zone/. 13 p2136 A67-27103
- NOLL, R.**
A thermal and electrical model for a silver-zinc battery power system installed in a spacecraft. [AIAA PAPER 67-334] 12 p1901 A67-26048
- NOLLE, E. L.**
Recombination through exciton states in semiconductors /O rekombinatsii cherez eksitonnye sostoiianiia v poluprovodnikakh/. 09 p1554 A67-21974
Recombination through exciton states in semiconductors. 17 p2923 A67-33311
- NOMEROVANNYI, O. M.**
Contactless method of measuring conductivity for semiconductors in strong superhigh frequency electric fields. 10 p1657 A67-23567
- NOMOFILOV, E. V.**
The three-dimensional correction coefficients and the transverse scales of the temperature perturbation in turbulent flow of mercury in a round tube. 16 p2724 A67-31776
- NOMURA, S.**
Measurements of stagnation-point heat-transfer with radiative heating. 05 p0747 A67-16432
Dielectric properties in BaTiO sub 3 - BaSn O sub 3 and BaTiO sub 3 - Ba/Fe sub 1/2 Ta sub 1/2 O sub 3 systems. 07 p1231 A67-19489
Modulation and demodulation of He-Ne laser light at 7 GHz microwave frequency. 16 p2684 A67-30610
Analysis of autostabilized light modulator at microwave frequency. 20 p3459 A67-36503
- NOMURA, T.**
Wind compensation system in the Kagoshima Space Center, University of Tokyo. 08 p1314 A67-20542
Application of microminature circuits in space electronics. 12 p1918 A67-26216
- NOMURA, Y.**
The formation of tungsten and aluminum carbides by explosive shock. 03 p0440 A67-12927
- NONAKA, T.**
Medium power millimeter wave klystron - Laddertron. 14 p2278 A67-27800
Some interaction effects in a problem of plastic beam dynamics. I. 23 p4072 A67-40606
Some interaction effects in a problem of plastic beam dynamics. II. 23 p4072 A67-40607
Some interaction effects in a problem of plastic beam dynamics. III. 23 p4072 A67-40608
- NOON, J. H.**
Radiation-temperature measurements of the nitrogen afterglow plasma. 01 p0119 A67-10147
- Radial density profile and critical magnetic field measurement for the helical instability in a hollow plasma column. 22 p3853 A67-40234
- NOONAN, J. W.**
Contributions to flight safety by application of aircraft systems accident investigation data. [AIAA PAPER 66-809] 01 p0008 A67-10035
Contributions to flight safety by application of aircraft systems accident investigation data. [AIAA PAPER 66-809] 10 p1595 A67-23550
- NOONE, M. J.**
Pyrolytic deposits of silicon carbide. 01 p0103 A67-10252
- NOONER, D. W.**
Aliphatic hydrocarbons in pre-cambrian rocks. 10 p1709 A67-23488
Aliphatic hydrocarbons in meteorites. 10 p1709 A67-23489
Organic compounds in meteorites. 21 p3703 A67-38501
- NOONKESTER, V. R.**
An apparent response of 100-millibar winds to increases in geomagnetic activity. 09 p1562 A67-22684
- NORBURY, F. T.**
ILS equipment for Cat. III all weather landing. 07 p1222 A67-19671
An ILS equipment designed for all-weather landing of aircraft. 09 p1529 A67-22645
- NORBURY, J. F.**
The static hole pair as a skin friction meter. 06 p1005 A67-18753
Some experiments on equilibrium turbulent boundary layers in favourable pressure gradients. 09 p1489 A67-22415
A method of measuring the concentration of certain polymers in dilute aqueous solutions. 15 p2433 A67-29676
- NORD, C. E.**
Estimating the reliability of fatigue loaded rotorcraft structures. [AHS PAPER 123] 16 p2777 A67-31838
- NORDAHL, D. M.**
Modeling with Liapunov functions. 16 p2647 A67-31648
- NORDBERG, W.**
Preliminary results from Nimbus II. 04 p0613 A67-14801
Temperature measurements in noctilucent clouds. 19 p3251 A67-34951
Some observations on the thermal behavior of the mesosphere. 19 p3226 A67-35924
- NORDBY, G. M.**
Fabrication and full-scale structural evaluation of glass-fabric reinforced plastic shells. 10 p1727 A67-23732
- NORDEMANN, D.**
Measurement of the abundance of sodium-24 in the Saint-Severin meteorite /Mesure de l'abondance du sodium 24 dans la meteorite Saint-Severin/. 16 p2754 A67-31790
- NORDEN, H.**
Epitaxial growth of gold on cadmium iodide. 21 p3687 A67-39140
- NORDLAND, W. A.**
Tunable LiNbO sub 3 optical oscillator with external mirrors. 09 p1510 A67-21576
- NORDMAN, J. E.**
Comments on "high injection theories of the p-n junction." 09 p1472 A67-21953
- NORDSIECK, A.**
Monte Carlo evaluation of the Boltzmann collision integral. 13 p2103 A67-26974
- NORDTVEDT, K., JR.**
An approach to manual space navigation. 14 p2347 A67-28128
- NOREIKA, A. J.**
Epitaxial growth of aluminum nitride. 23 p4037 A67-40722
- NORIN, M. P.**
SNAP 19 power system for Nimbus B. 05 p0843 A67-16553
- NORINDER, H.**
Simultaneous analysis of whistlers at three adjacent recording stations at high magnetic latitudes in Sweden. 17 p2845 A67-32793
- NORKIN, K. B.**
Process identification with the use of search controlled adaptive model. 15 p2464 A67-30334
- NORMAN, D. C.**
Determination of helicopter rotor blade compressibility effects - Prediction vs flight test. [AHS PAPER 103] 16 p2595 A67-31820

- NORMAN, D. G.
Human engineering studies for maintenance and repair in zero gravity. [AIAA PAPER 67-653] 20 p3375 A67-37630
- NORMAN, G. E.
Continuous spectra of atomic gases and plasma /Neprierynye spektry atomarnykh gazov i plazmy/. 10 p1682 A67-23067
- NORMAN, K.
D-region measurements during a solar eclipse. 19 p3222 A67-35454
- NORMAN, L. C.
Spacecraft landing systems. 15 p2570 A67-29856
- NORRIS, C.
Edge absorption and photoluminescence in disordered gallium arsenide. 06 p1062 A67-18933
- NORRIS, C. B., JR.
Measurement of high-field carrier drift velocities in silicon by a time-of-flight technique. 10 p1690 A67-23167
- NORRIS, C. H.
Elastic wave propagation in heterogeneous plates. 01 p0160 A67-10407
- NORRIS, J. E.
Space environment simulator with conceptually new solar simulator. 24 p4138 A67-42042
- NORRISH, R. G. W.
The oxidation of diborane. 06 p0955 A67-18058
The photolysis and pyrolysis of nitromethane and methyl nitrite. 18 p2998 A67-34276
The photosynthesis of nitrosoformaldehyde and the identification of its spectrum. 18 p2998 A67-34277
- NORSCINI, R.
Variation of the inner scale of turbulence with height and the analysis of the instability at the 100 km level. 10 p1638 A67-23201
- NORTH, E. L.
Vibration analysis of shells using discrete mass techniques. [ASME PAPER 67-VIBR-23] 11 p1872 A67-24182
- NORTHROP, J.
Sporulation mutations induced by heat in *Bacillus subtilis*. 08 p1287 A67-20983
- NORTHROP, T. G.
Magnetic field geometry and the adiabatic invariants of particle motion. 03 p0484 A67-14041
- NORTON, A. M.
Testing philosophy for design and structural concept selection of hypersonic flight vehicles. [AIAA PAPER 65-367] 02 p0331 A67-11929
- NORTON, D. A.
Aerodynamic design philosophy of the Boeing 737. [AIAA PAPER 65-739] 03 p0354 A67-12906
Aerodynamic design of Boeing's short haul jet. [AIAA PAPER 65-739] 08 p1279 A67-21043
- NORTON, K. A.
Progress in radio propagation in nonionized media. 05 p0760 A67-16009
- NORTON, R. B.
Diffusive equilibrium in the topside equatorial ionosphere. 06 p0997 A67-18697
- NORTON, R. H.
Surveyor 1 observations of the solar corona. 08 p1386 A67-20943
Atmospheric sensing with CO sub 2 lasers. 22 p3805 A67-40357
- NORTON, S.
Interruption of proprioceptive sensory input - Mechanism for induction of "cardiovascular deconditioning." 09 p1452 A67-21714
- NORUM, V. D.
Optimal multichannel nonlinear filtering. 04 p0592 A67-15084
- NORVELL, D. E.
Telemetry system design for Saturn vehicles. 02 p0196 A67-12000
- NORWOOD, F. R.
Diffraction of transient elastic waves by a spherical cavity. [ASME PAPER 67-APM-27] 17 p2965 A67-33154
Axially symmetric cross-sectional strain and stress distributions in suddenly loaded cylindrical elastic bars. [ASME PAPER 67-APM-33] 17 p2965 A67-33158
- NORWOOD, M. H.
Drag force solid state anemometer and vane. 05 p0808 A67-17308
- NORWOOD, V. T.
Asteroid belt investigation using small, spin-stabilized fly-by probes. 19 p3322 A67-35317
- NOSAKA, K.
The blocking effect due to interference in a parametric amplifier. 10 p1609 A67-22834
- NOSOV, V. M.
Study of the effect of 35-Mev electrons on the electrophysical properties of germanium /Doslizhennia vplivu elektroniv z energiei 35 Mev na elektrofizichni vlastivosti germaniu/. 16 p2732 A67-31479
- NOSOV, V. S.
Polytropic process of variations in the state of a system composed of a gas and solid particles /Politropicheski protsess izmeneniia sostoiianiia sistemy gaz-tverdye chastitsy/. 12 p2033 A67-25317
- NOSSEK, R.
Electron transport in thin continuous metal films /Elektronentransport in duennen zusammenhaengenden Metallschichten/. 02 p0292 A67-11743
- NOTO, K.
Second-kind superconductivity of indium-lead alloys. 05 p0864 A67-16893
- NOTON, J. F.
Daylong observations. 18 p3033 A67-33586
- NOTTHOFF, A. P.
Apollo antenna fastens on the beam to the moon. 13 p2068 A67-26802
- NOTTROT, J.
An approximation method for the solution of Einstein and Maxwell equations for a point particle with a magnetic dipole moment /Eln Naeherungsverfahren zur Loesung der Einstein-Maxwellschen Gleichungen fuer ein Punktteilchen mit einem magnetischen Dipolmoment/. 19 p3262 A67-35576
- NOUAILLE, J.
The ELDO-PAS program. 17 p2955 A67-32399
- NOVACEK, VL.
The generation of large pulses in a ruby laser by the method of a rotating mirror at lower frequencies /Generace obirch pulsu na rubinovom laseru metodou rotujiccho zrcadla za nizsich rychlosti/. 15 p2498 A67-29642
- NOVAK, B.
The resonance state for the induction acceleration of a cylindrical plasma cluster. 01 p0119 A67-10168
- NOVAK, C. J.
New developments and projected trends in maraging steels. 22 p3819 A67-39388
- NOVAK, J. K.
Cooldown of cryogenic transfer systems. [AIAA PAPER 67-475] 18 p3157 A67-33945
- NOVAK, J. P.
On the generation of striations in low-pressure plasma in a strong high-frequency field. 14 p2353 A67-27756
The damping of moving striations by H.F. discharge in a He-Ne laser. 19 p3241 A67-35814
- NOVAK, L.
Problem of the possibility of calculating the heat emission of an organism from physical parameters /K voprosu o vozmozhnosti vychislenia teplootdachi organizma po fizicheskim parametram/. 16 p2617 A67-30772
Objective evaluation of the reactivity of an organism /K voprosu ob'ektivnoi otsenki reaktivnosti organizma/. 16 p2612 A67-30907
- NOVAK, P. E.
Tungsten-rhenium thermocouples for use at high temperatures. 20 p3443 A67-36515
- NOVAK, R. A.
Streamline curvature computing procedures for fluid-flow problems. [ASME PAPER 66-WA/GT-3] 04 p0607 A67-15358
Streamline curvature computing procedures for fluid-flow problems. [ASME PAPER 66-WA/GT-3] 24 p4143 A67-42459
- NOVAKOVIC, M.
Absolute speed measurement. 11 p1791 A67-24455
- NOVATSKII, V.
Moment stresses in thermoelasticity /Momentnye napriazheniia v termouprugosti/. 10 p1720 A67-23599
- NOVEMBER, G. S.
Causes of variable acoustic resonance during tests of jet engine compressors. [ASME PAPER 67-VIBR-57] 11 p1852 A67-24204
- NOVEY, T. B.
Search for quarks in cosmic rays. 03 p0506 A67-13261
- NOVGORODTSEVA, L. Z.
Stability of the oscillations of a rotating cylinder filled with a fluid /Ob ustoiichivosti kolebaniil vrashchalushchegosia tsilindra s zhidkim napolneniem/. 21 p3721 A67-36302
- NOVICE, M. A.
Optical means for enhancing the sensitivity of a trialkali photocathode. 17 p2861 A67-33287
- NOVICK, R.
Gross failure of the conventional adiabatic criterion - Structure and coherence in the low-energy excitation of helium atoms by helium ions. 15 p2519 A67-29330
Auto-ionizing states in the alkali atoms with microsecond lifetimes. 20 p3492 A67-37691
- NOVIK, F. T.
High-voltage photo-emf in epitaxial zinc telluride films /Vysokovol'tnaia fotoeds v epitaksial'nykh plenkach tellurida tsinka/. 05 p0868 A67-17061
High-voltage photo-EMF in epitaxial films of zinc telluride. 15 p2538 A67-29792
- NOVIK, G. KH.
Microminaturized aerospace digital computers /Mikrominiatiurnye aerokosmicheskie tsifrovye vychislitel'nye mashiny/. 21 p3588 A67-38765
- NOVIK, K. M.
Electron cyclotron heating of a plasma. 06 p1039 A67-18082
- NOVIKOV, A. G.
New assembly for the study of powerful interactions of 100 to 1000 Bev at a Tyan-Shan high-altitude station - Preliminary results /Novala ustanovka dlia issledovaniia sil'nykh vzaimodelstviil pri energiiakh 100-1000 Bev na Tian-Shan'skoi vyzokogornoi stantsii - Pervye rezul'taty/. 02 p0248 A67-12746
- NOVIKOV, A. I.
Relation between dislocations and microplasmas during avalanche breakdown of a silicon p-n junction /O sviazi mezhdu dislokatsiiami i mikroplozmmami pri lavinom proboe p-n-perekhoda v kremnii/. 18 p3099 A67-33696
- NOVIKOV, E. A.
Mathematical model for the intermittence of turbulent flow. 04 p0609 A67-15755
Relative diffusion of liquid particles in a turbulent flow with a shear /Otnositel'naia diffuziia zhidkikh chastits v turbulentnom potoke so sdvigom/. 05 p0837 A67-16490
Relative diffusion of liquid particles in a turbulent shear flow. 13 p2093 A67-26345
- NOVIKOV, G. A.
Free oscillations of an elastic hysteresis-type system with one degree of freedom on the condition that the hysteresis loop has a parallelogram shape /Svobodnye kolebaniia uprugogisterezisnoi sistemy s odnoi stepen'iu svobody pri uslovii, chto petlia gistereziia imeet formu parallelogramma/. 12 p1967 A67-25660
- NOVIKOV, I. A.
Power supply of modulated radiation sources using gallium arsenide diodes /Pitanie istochnikov modulirovannogo izlucheniia na diodakh iz arsenida galliia/. 03 p0388 A67-14271
Powering modulated-radiation sources that use gallium-arsenide diodes. 14 p2288 A67-28780
- NOVIKOV, I. D.
Neutrinos and gravitons in the anisotropic model of the universe. 10 p1708 A67-23334
Physics of relativistic collapse. 11 p1858 A67-24013
Creation of galaxies in an expanding universe /Vozniknovenie galaktik v rasshiriaushchetsia vselennoi/. 15 p2551 A67-29138
The origin of galaxies in an expanding universe. 24 p4239 A67-43061
- NOVIKOV, I. I.
Theoretical and experimental studies of the self-excitation regimes associated with interaction of a traveling magnetic field and a flow of ionized gas. 12 p1977 A67-26077
- NOVIKOV, IU. M.
Coaxial plasma gun in a longitudinal magnetic field. 06 p1039 A67-18084
Coaxial plasma gun in a longitudinal magnetic field /Koaksial'naia plazmennaiia pushka v prodol'nom magnitnom

- pole/. 15 p2525 A67-29253
- NOVIKOV, I. U. R.**
Automatic processing of aerosol samples /Avtomaticheskaya obrabotka aerol'nykh prob/. 19 p3227 A67-34861
- NOVIKOV, M. A.**
Mixing of the emissions from ruby and neodymium lasers /Smesheniye izlucheniya rubinovogo i neodimovogo lazerov/. 22 p3815 A67-39765
- NOVIKOV, M. M.**
Influence of certain impurities and heat treatment on the photomechanical effect in germanium /Do pitaniya pro vplyv delakikh domishok i termomekhanichnoi obrabotki na fotomekhanichnyi efekt v germanii/. 13 p2174 A67-26400
- NOVIKOV, N. N.**
Photomechanical effect in germanium containing weakly soluble elements as impurities. 04 p0680 A67-15285
- NOVIKOV, N. P.**
Action of a powerful light beam on polypropylene films /Vozdeystvie moshnogo svetovogo puchka na plenki polipropilena/. 07 p1211 A67-19169
- NOVIKOV, P. A.**
Study of the effect of mass transfer on the heat transfer during sublimation of a rarefied gas medium in the case of a Couette flow /Issledovanie vliyaniya massoobmena na protsess teploobmena pri sublimatsii v razrezhennoi gazovoi srede dlia tehnika Kuetta/. 14 p2408 A67-28800
- NOVIKOV, S. A.**
Elastoplastic properties of a number of metals exposed to explosive shock loading. 10 p1668 A67-23092
- NOVIKOV, S. R.**
The effect of disordered regions produced by fast neutron irradiation on semiconductor properties. 17 p2919 A67-32859
- NOVIKOV, V. N.**
Pilotless aircraft and missiles /Bespilotnye letatel'nye apparaty/. 15 p2564 A67-29242
- NOVIKOV, V. U.**
Effect of high temperature on the strength of solidified resins and resin-based materials. II /Vlianie povyshennykh temperatur na prochnost' otverzhdennykh smol i materialov na ikh osnove. II/. 05 p0833 A67-17098
- NOVIKOV, V. V.**
Application of the standard-equation method to the study of the propagation of electromagnetic waves in an inhomogeneous anisotropic medium /Primeneniye metoda elastonnykh uravnenii k izucheniiu rasprostraneniya elektromagnitnykh voln v neodnorodnoi anizotropnoi srede/. 21 p3579 A67-38111
- NOVIKOVA, D. P.**
Effect of annealing temperature on the structure and properties of cast molybdenum /Vlianie temperatury otzhiga na strukturu i svoystva litogo molybdena/. 05 p0832 A67-17511
- Effect of the annealing temperature on the structure and properties of cast molybdenum. 21 p3644 A67-38039
- NOVIKOVA, G. A.**
Preliminary results of a study of the spatial rigidity distribution of cosmic-ray intensity by the SibIZMIR-AN-SSSR expedition in 1965 /Predvaritel'nye rezul'taty issledovaniya ekspeditsii SibIZMIR AN SSSR v 1965 g. prostranstvenno-zhestkostnykh raspredeleniya intensivnosti kosmicheskikh luchei/. 05 p0881 A67-16124
- Investigations of the neutron component of cosmic rays at atmospheric depths from 260 to 315 mb /Issledovaniya neitronnoi komponenty kosmicheskikh luchei na glubinaakh atmosfery 260 - 315 mbar/. 23 p4057 A67-41119
- Preliminary results of investigation of the spatial-rigidity distribution of cosmic ray intensity by the 1965 expedition of the Siberian Institute of Terrestrial Magnetism, the Ionosphere and Radiowave Propagation of the USSR Academy of Sciences. 24 p4215 A67-42800
- NOVIKOVA, V. I.**
Dependence of diurnal cosmic-ray variation on geomagnetic activity and the solar latitude of the earth. 13 p2191 A67-26564
- NOVOSAD, R. S.**
System performance and program cost. 08 p1431 A67-21108
- Multiple payload missions. 22 p3903 A67-39952
- NOVOSELTSEV, E. P.**
Determination of the temperature of the underlying surface and of clouds from weather satellites /Opredeleniye temperatury podstilalushchei poverkhnosti i oblakov s meteorologicheskikh sputnikov zemli/. 18 p3073 A67-33558
- The degree of darkness of clouds of the upper and middle levels /O stepeni chernoty oblakov verkhnego i srednego iarusov/. 18 p3073 A67-33560
- NOVOSELTSEVA, ZH. A.**
Solution of nonstationary filter-discrimination and prediction problems in the presence of arbitrary noise by analog techniques /Resheniye nestatsionarnykh zadach fil'tratsii i uprezhdeniya pri proizvol'noi pomekhe metodami modelirovaniya/. 03 p0392 A67-13599
- Solution of unsteady-state problems of filtration and prediction by means of simulation methods. 05 p0782 A67-16262
- Simulation methods for solving nonstationary filtering and prediction problems with arbitrary noise. 14 p2290 A67-27845
- NOVOTNY, A.**
Comparison of rotating mirror and liquid bleacher as a Q switch for a ruby laser. 17 p2871 A67-33390
- NOVOTNY, J. L.**
Equilibrium temperatures of mass transfer cooled walls in high-speed flow of an absorbing-emitting gas. 04 p0737 A67-15864
- The interaction of thermal radiation in optically thick boundary layers. [ASME PAPER 87-HT-9] 20 p3545 A67-36707
- Free-convection stagnation flow of an absorbing-emitting gas. 22 p3920 A67-40418
- NOVOTNY, Z.**
Temporary irritation by anti-G and the change in the vestibular-motor reflex action under laboratory conditions /Taktinil podrazhenii anti-G odevm a zmena vestibulomotoricke reflexni aktiviti v laboratornich podminkach/. 14 p2257 A67-28224
- NOVOTNYI, Z.**
Experimental procedure for studying reflex interactions of analyzer systems /Metodika eksperimental'nogo izucheniya reflektornogo vzaimodel'stvia analizatornykh sistem/. 24 p4114 A67-41848
- NOVOTNYI, ZD.**
Effect of exteroceptive stimuli on the motor reaction of pigeons under conditions of brief weightlessness /Vlianie eksterotseptsii na dvigatel'nyu reaktivnu golubov v usloviakh kratkovremennoi nevesomosti/. 20 p3367 A67-36258
- NOVOTOTSKII-VLASOV, I. U. F.**
Effect of a surface oxide film on the electrophysical surface properties of germanium. 08 p1367 A67-20412
- NOVOZHILOV, B. V.**
Nonlinear fluctuations in gunpowder combustion rate /Nelineinye kolebania skorosti goreniya porokha/. 05 p0927 A67-16991
- Nonstationary combustion of gunpowders with a variable surface temperature /Nestatsionarnoe gorenie porokhov, imeiushchikh per emennulu temperaturu poverkhnosti/. 11 p1884 A67-24957
- Burning stability of a powder in a semiclosed volume under steady-state conditions /Ustoichivost' statsionarnogo rezhima goreniya porokha v poluzamknutom ob'eme/. 21 p3732 A67-38526
- NOVOZHILOV, I. V.**
Reducing the order of equations for gyroscopic systems /O ponizhenii poriadka uravnenii giroskopicheskikh sistem/. 03 p0424 A67-14159
- Systematic drifts of a three-axis gyrostabilizer /O sistemicheskikh ukhodakh trekhosnogo giroskopicheskogo stabilizatora/. 12 p1942 A67-25663
- Determining the limiting detuning of the tracking channels of two-coordinate angle tracking systems. 20 p3410 A67-37234
- NOVOZHILOV, O. P.**
Estimate of the maximum power transformed by the nonlinear capacitance of a semiconductor diode in frequency doubling in the regime of a closed p-n junction /Otsenka maksimal'noi moshchnosti, transformiruemoi nelineinoi emkost'iu poluprovodnikovogo dioda pri udvoenii chastoty v rezhime zakrytogo p-n perekhoda/. 02 p0210 A67-11510
- Estimation of the maximum power converted by the nonlinear capacitance of a semiconductor junction when doubling frequency under conditions of a reverse-biased p-n junction. 14 p2283 A67-28073
- NOVOZHILOV, V. V.**
Prospects of development of a strength criterion for complex loading /Perspektivy postroeniya kriteriya prochnosti pri slozhnom nagruzhении/. 03 p0529 A67-14168
- Dynamic torsion of a semi-infinite cylinder /Dinamicheskoe kruchenie polubeskonechnogo tsilindra/. 12 p2029 A67-25664
- NOVRUZOV, O. N.**
Thermal conductivity measurements in semiconductors by the pulse method /Izmereniye temperaturyoprovodnosti poluprovodnikov impul'snym metodom/. 02 p0297 A67-11848
- NOVYSH-BYLINSKAIA, V. N.**
Cyclic curves of critical F sub 2 -layer frequencies as a basis for forecasting f sub 0 F sub 2 for any phase of the solar cycle. 07 p1179 A67-19633
- NOWACKI, P. J.**
Analysis of a magnetohydrodynamic amplidyne. 09 p1442 A67-21795
- NOWACKI, W.**
Couple-stresses in the theory of thermoelasticity. III. 05 p0910 A67-16165
- Some theorems of thermoelasticity /Quelques theoremes de la thermoelasticite/. 07 p1264 A67-20222
- Green's functions for a thermoelastic medium /quasi-static problem/. 21 p3723 A67-38559
- Dynamic Problems of Thermoelasticity /Dinamiczne Zagadnienia Termospresystosci/. 24 p4246 A67-41891
- NOWAK, R.**
Magnetogasdynamic re-entry phenomena. 24 p4199 A67-42920
- NOWAK, T. J.**
Reliability of integrated circuits for Minuteman. 01 p0042 A67-11367
- Reliability of integrated circuits by screening. 09 p1480 A67-22300
- NOWICK, A. S.**
Effect of substrate temperature on structure of evaporated alloy thin films. 02 p0287 A67-11716
- NOWICKI, M.**
Laser neodymium glass /Laserowe szklo neodymowe/. 05 p0824 A67-16855
- Small-size He-Ne laser /Laser He-Ne o malych rozmiarach/. 09 p1513 A67-22170
- Heads of a high-energy neodymium laser /Glowice lasera neodymowego o duzej energii/. 09 p1514 A67-22171
- NOWICKI, R.**
Influence of space-charge on potential barrier in field emission. 24 p4201 A67-41894
- NOWINSKI, J. L.**
Transverse perpendicular impact on a cable of a highly elastic material. 06 p1111 A67-18863
- Oscillations of a thick rectangular strip initially stressed by a finite bi-axial compression. 06 p1111 A67-18892
- NOVITZKY, A. M.**
The influence of sterilization on the reliability of interplanetary spacecraft systems. [AIAA PAPER 87-776] 24 p4116 A67-42944
- NOXON, J. F.**
Oxygen spectra in daylight, twilight, and during an eclipse. 07 p1173 A67-19662
- Interpretation of the daylight. 18 p3036 A67-33602
- NOXON, P. A.**
A method for creating a fog illusion for in-flight training. [AIAA PAPER 87-386] 15 p2468 A67-30354
- NOYES, C. F.**
Packaging an integrated circuit/core memory for space use. 21 p3595 A67-38338
- NOYES, J. V.**
Design of an aircraft utilizing fiberglass reinforced plastic primary structure. 08 p1414 A67-20429
- NOYES, R. C.**
Boiling sodium heat transfer. 04 p0737 A67-15861
- NOYES, R. W.**
Observational studies of velocity fields in the solar photosphere and chromosphere. 23 p4068 A67-41276
- NOZIERES, P.**
The motion of flux lines in type II superconductors. 01 p0133 A67-10750

- NUC, J.
Surface roughness. II /Drnost povrhu.
II/. 15 p2493 A67-29643
- NUCCIO, P. P.
GAT-O-SORB -A regenerable sorbent for
carbon dioxide control. 24 p4115 A67-41997
[SAE PAPER 670844]
- NUDELMAN, R. B.
Some heat conduction problems for an
inhomogeneous body /O nekotorykh
zadachakh teploprovodnosti v neodnorodnom
tele/. 13 p2224 A67-27055
- NUDELMAN, S.
Signal, noise, NEP, Detectivity Star /D/
and Detective. 22 p3905 A67-40352
- NUGENT, L. J.
Velocity aberration and atmospheric
refraction in satellite laser communication
experiments. 02 p0198 A67-12054
- NURGOZHIN, N. N.
High-frequency sources for high voltage
/Vysokochastotnye istochniki vysokogo
napriazheniya/. 05 p0780 A67-17499
- NURICK, W. H.
Base wakes in accelerated supersonic free
streams. 16 p2592 A67-30951
- NUSS, P. A.
Some mechanical and physical properties
of the AT13 alloy /Nekotorye
mekhanicheskie i fizicheskie svoystva splava
AT13/. 07 p1207 A67-19287
- NUTKIS, M.
A new model of hypervelocity impact
governing crater
formation. 01 p0165 A67-11444
- NUTT, A. B.
Ancillary benefits of an automated R and
D resources allocation system.
[ASME PAPER 66-WA/MGT-18] 04 p0740 A67-15336
- NUTT, K. W.
Some aspects of thermal model testing in
space chambers. 12 p1926 A67-26021
[AIAA PAPER 67-306]
- NUTTALL, H.
A note on a classical problem in the
mathematical theory of heat
conduction. 06 p1119 A67-18650
- NUTTALL, J. A.
Dynamic range study of correlators used
in conjunction with side-looking synthetic
radar systems. 08 p1293 A67-20688
- NUYTEN, J. B. M.
Quenched structures and precipitation in
Al-Cu alloys with and without trace-additions
of Cd. 24 p4173 A67-42166
- NUYTEN, J.
Utilization of isotopes in the space
industry /Utilisation des isotopes dans
l'industrie spatiale/. 11 p1817 A67-24096
- NUZILLAT, G.
Contribution to the study of Hertzian
relaxation spectra of various metal oxide
semiconductor structures /Contribution a
l'etude des spectres Hertiens de relaxation
de diverses structures metal-oxide-semi-
conducteur/. 03 p0493 A67-13453
- NWAIGWE, C. N. C.
Systematic diurnal variations in the period
and polarization of magnetic micropulsations
in South-West England. 17 p2841 A67-32212
- NYBERG, A.
Eddy vertical transport of latent and
sensible heat. 09 p1490 A67-21550
- NYBERG, D. W.
The energy shift of the edge luminescence
in CdS with excitation
intensity. 20 p3512 A67-37288
- NYDICK, S. E.
Thermal analysis of a thin wafer heat flux
transducer backed by a finite heat
sink. 01 p0071 A67-11095
- NYE, B. E.
Thermocouple errors in ablation
materials. 01 p0071 A67-11104
- NYE, H. H.
Liquid springs. 15 p2494 A67-30097
- NYE, H. H.
The Lunar Orbiter velocity control system.
[AIAA PAPER 67-504] 18 p3137 A67-33968
- NYELAND, C.
Rotational relaxation of homonuclear
diatomic molecules. 06 p1037 A67-19043
- NYGAARD, K.
Adiabatic excitation transfer in gases -
Effects on transport. 16 p2661 A67-31222
- NYGAARD, K. J.
Measurement of the electrical conductivity
of 3 super He plasma induced by neutron
irradiation. 09 p1542 A67-21813
- NYGAARD, K. J.
Current pulses in wind-blown corona
discharges. 03 p0486 A67-14119
- Measurements of electron thermal
diffusivity in afterglow
plasmas. 15 p2532 A67-30381
- Electron-neutral heat transfer in
plasmas. 24 p4194 A67-41872
- NYHOLM, R. S.
A tetrafluoroditertiary arsine and its
metal complexes. 01 p0135 A67-10896
- NYLAND, F. S.
Some operational considerations of an
orbiting space station. II. 12 p2012 A67-25743
- Aerodynamic aspects of space vehicles.
[AAS PAPER 67-34] 15 p2571 A67-30108
- Some operational considerations of an
orbiting space station. I. 16 p2761 A67-30961
- NYMMIK, R. A.
Comments on a model of the formation of
extensive air showers /Zamechania ob odnoi
modeli obrazovaniia shirokikh atmosferykh
livnel/. 02 p0319 A67-12785
- Concerning a model of extensive air
shower formation. 22 p3878 A67-40287
- NYQUIST, L. E.
Spallogenic rare gases in the El Taco
meteorite. 16 p2750 A67-31439
- NYSMITH, C. R.
Momentum transfer and cratering
phenomena associated with the impact of
aluminum spheres into thick aluminum
targets at velocities to 24,000 feet per
second. 04 p0710 A67-15005
- NYUL, P.
Thermal resistance of GaAs laser
diodes. 11 p1802 A67-24744
- OAKES, J. B.
A high stability crystal oscillator for the
Geos spacecraft. 15 p2445 A67-29585
- OAKLEY, B. W.
Tracking in an air traffic control
environment. 04 p0654 A67-15060
- OAKLEY, D. T.
Cooldown requirements for nuclear rocket
missions. 05 p0844 A67-17222
[AIAA PAPER 66-551]
- OATES, G. C.
Electrical conductivity measurements in a
Faraday accelerator. 01 p0014 A67-11177
[AIAA PAPER 66-75]
- A large non-equilibrium MHD
generator. 16 p2802 A67-30556
- Insulator boundary layers in a supersonic
magnetogasdynamic channel. 21 p3873 A67-38743
[AIAA PAPER 67-717]
- OATMAN, L. C.
Central factor in auditor fatigue - An
artifact/ques/. 21 p3576 A67-39060
- OBA, R.
Some aspects of the unsteady flow of two-
dimensional supercavitating hydrofoils with
finite cavity length. 14 p2304 A67-28363
[ASME PAPER 67-FE-15]
- OBABKOV, V. K.
Systems with automatic gain adjustment
using search modulation. 20 p3408 A67-37044
- Theory of multichannel extremal control
systems with sinusoidal probe
signals. 22 p3777 A67-39866
- OBARR, G. L.
Effects of low temperatures on detonation
velocity and other explosive parameters for
linear shaped charge
systems. 13 p2230 A67-27686
- OBAYASHI, T.
Measurement of ionospheric electron
density by gyro plasma
probe. 01 p0064 A67-10566
- Plasma measurements in the upper
atmosphere with the impedance
probe. 05 p0798 A67-16861
- Measurements of ionospheric electron
density by gyro-plasma
probe. 10 p1648 A67-23291
- Japanese airborne cosmic ray
experiments. 13 p2193 A67-27247
- The entry of solar protons and alpha-
particles into polar cap
atmosphere. 13 p2194 A67-27252
- Gyro-plasma probe measurement of the
electron density in the transition region
between the ionosphere and the
magnetosphere. 19 p3229 A67-35201
- Observation of the micro-structure of the
ionospheric electron density profile by gyro-
plasma probe. 19 p3217 A67-35202
- The interaction of the solar wind with the
geomagnetic field during disturbed
conditions. 22 p3870 A67-39672
- Rocket measurement of the ionospheric
plasma by gyro-plasma
probe. 22 p3793 A67-40043
- Recombination coefficient of the upper-E
and F sub 1 regions deduced from the
electron density profile at sunset measured
by rocket borne gyro-plasma
probe. 22 p3793 A67-40044
- OBARD, J.
The measurement and analysis of rotor
blade airloads and the resulting dynamic
response of a large tandem rotor
helicopter. 20 p3536 A67-36462
- OBEE, K. R.
Structural design. 22 p3746 A67-40130
- OBERAL, M. M.
A Mott-Smith distribution to describe the
structure of a plane shock wave in a binary
mixture. 02 p0234 A67-12542
- OBEBECK, V. R.
Estimated thickness of a fragmental
surface layer of Oceanus
Procellarum. 22 p3885 A67-39977
- OBERHAUSER, C. J.
Evaluation of optimum current-carrying
leads for cryogenic
apparatus. 13 p2229 A67-27663
- OBERKAMPF, W. L.
Hydraulic analog for the expansion-
deflection nozzle. 14 p2297 A67-28136
- OBERRIRSCH, J. M.
Agena Gemini electric charge
monitor. 01 p0074 A67-11128
- OBERLE, T. L.
Inertia welding dissimilar metals.
[ASTME PAPER WES-7-51] 10 p1660 A67-23006
- OBERMEIER, F.
Some exact solutions of the equations for
"hypercritical" flows in magnetogasdynamics
/Einige exakte Loesungen der Gleichungen
fuer "hyperkritische" Stroemungen in der
Magnetogasdynamik/. 07 p1230 A67-20120
- OBERT, H.
Nondestructive materials testing by
oscillatory methods /Zerstoeungsfreie
Werkstoffpruefung im
Schwingungsversuch/. 04 p0641 A67-14587
- OBERTSTONE, J.
The application of packaged high energy
propellant reaction control systems.
[AIAA PAPER 66-947] 02 p0304 A67-12281
- OBODAN, N. I.
Experimental investigation of the stability
of cylindrical shells under nonuniform load
/Eksperimental'noe issledovanie ustoiichivosti
tsilindricheskikh obolochek pri deistvii
neravnomernogo
davleniya/. 12 p2020 A67-25573
- OBOLSKII, L. M.
A log-periodic spiral element and
paraboloid reflector with a frequency
coverage of 1-7. 02 p0213 A67-11644
- Generation of electromagnetic radiation by
a shock wave at the boundary of the
magnetosphere /O generatsii
elektromagnitnogo izlucheniia udarnoi volnoi
na granitse magnitosfery/. 17 p2846 A67-32935
- OBRAZTSOV, I. F.
Some problems associated with the
structural strength of aircraft /Nekotorye
problemy prochnosti konstruktsii
letatel'nykh apparatov/. 22 p3746 A67-40445
- OBRAZTSOVA, M. N.
Structural changes of the KhN77TiUR alloy
during prolonged heating /Strukturnye
prevrashcheniia v splave KhN77TiUR pri
dlitel'nom nagreve/. 22 p3818 A67-39321
- OBREIMOV, I. V.
Gas laser as a source of illumination
/Gazovyi lazer v kachestve istochnika
osveshchennosti/. 07 p1195 A67-19142
- Gas laser as a source of
illumination. 17 p2869 A67-33220
- OBREMSKI, H. J.
Transition in oscillating boundary layer
flows. 19 p3209 A67-35413
- OBREZKOV, G. V.
Tracking failure in a system with two
degrees of freedom. 03 p0390 A67-13100
- OBREZKOVA, E. I.
Latitude shift and the position of the
earth's mean pole /Ob izmenenii shiroti i o
polozhenii srednego polusa zemli/.
[ASME PAPER 66-WA/APM-7] 04 p0616 A67-15225
- OBRIDKO, V. N.
Radio emission and the structure of the
solar atmosphere over sunspots
/Radiolizhchenie i stroenie atmosfery nad

- platnami/. 06 p1083 A67-18153
Radio emission and atmospheric structure above sunspots. 16 p2741 A67-30497
- OBRIEN, B. B., JR.**
Slow wave transmission modes of an isotropic inhomogeneous cylindrical hot plasma. 17 p2908 A67-33107
- OBRIEN, B. J.**
Rocket and satellite observations of energetic particles during P.C.A. events. 10 p1700 A67-23188
Quadrant photometer for satellite-borne auroral and optical measurements. 15 p2491 A67-30433
The magnetosphere and auroras. 17 p2844 A67-32664
Satellite observations of particle fluxes and atmospheric emissions. I, II. 18 p3039 A67-33623
SPECS - A versatile space-qualified detector of charged particles. 20 p3443 A67-36517
On the loss of low-energy positive ions from the inner radiation zone. 21 p3697 A67-37996
Interrelations of energetic charged particles in the magnetosphere. 22 p3870 A67-39673
- OBRIEN, D. J.**
Fibre-reinforced metals by electroforming. 06 p1047 A67-17713
- OBRIEN, K. H.**
Site selection for missile facilities. 05 p0787 A67-16607
- OBRIEN, M. J.**
The PCF - A real-time program checkout facility. 09 p1484 A67-21833
- OBRIEN, R. M.**
Saturn V guidance, navigation, and targeting. 17 p2881 A67-32057
- OBRIEN, T. J. P.**
Potential-well characteristics from the energy dependence of the glory extrema in total elastic scattering cross sections. 09 p1535 A67-22028
- OBRIEN, V.**
Exact Navier-Stokes solutions including swirl and cross flow. 21 p3609 A67-37737
- OBRIEN, W.**
Cosmos - Courtaulds' own system for matrix operations and statistics. 20 p3391 A67-36932
- OBSHARSKY, P.**
The region of Kalman filter convergence for several autonomous navigation modes. [AIAA PAPER 67-623] 19 p3260 A67-36012
- OBUKHAU, V. I.**
Use of physical phenomena and properties of various bodies in creating new automation elements /Vykarystanie fizichnykh z'laui, efektau i ulastivstsel roznykh tsel pry pabudove elementau avtomatyki/. 07 p1159 A67-19185
- OBUKHOV, A. A.**
Observation of plasma created by a superhigh-frequency field in the state of electron-cyclotron resonance. I /Issledovanie plazmy, sozdavaemol sverkhvysokochastotnym polem v rezhime elektronnoho tsiklotronnogo rezonansa. I/. 15 p2529 A67-29715
- OBUKHOV, A. M.**
Atmospheric turbulence. 07 p1219 A67-19335
Development of studies of atmospheric turbulence /Razvitie issledovani atmosfernoi turbulentnosti/. 14 p2346 A67-28763
- OBUKHOV, A. P.**
Interaction of the elements of the periodic system /O vzaimodelstvi elementov periodicheskoi sistemy/. 06 p1035 A67-17845
Interaction between elements in the periodic table. 20 p3490 A67-37587
- OCALLAGHAN, F. G.**
Ultraviolet stellar spectroscopy on Gemini 11. 10 p1706 A67-23060
- OCKKUR, V. I.**
Ionization of a hydrogen atom by electron impact in the three-body approximation of classical mechanics /Ionizatsiia atoma vodoroda elektronnym udarom v priblizhenii trekh tel klassicheskoi mekhaniki/. 14 p2351 A67-29072
Excitation of atoms by electron bombardment /Vozbuzhdenie atomov elektronnym udarom/. 17 p2893 A67-32138
- OCKENDON, J. R.**
The separation of Newtonian shock layers. 04 p0545 A67-14463
- OCONEILL, J. A.**
Thick-film technology. 08 p1301 A67-20790
- OCONEILL, R. F.**
Cosmic-ray electron spectrum and the universal blackbody radiation at 3 deg K. 04 p0692 A67-14948
Evolution of the radio spectral index of supernova remnants. 11 p1859 A67-24114
The cosmic-ray electron spectrum in a disc-halo galactic model. 20 p3518 A67-36946
Radiation of gravitational waves in Brans-Dicke general-relativity theory. 21 p3706 A67-38842
- OCONNOR, B. J.**
A description of the CMG and its application to space vehicle control. [AIAA PAPER 67-589] 19 p3336 A67-35985
- OCONNOR, D. G.**
Influence of heating rate on transformations in an 18 per cent nickel maraging steel. 06 p1018 A67-18378
- OCONNOR, E. F.**
Saturn V launch vehicle report. [AIAA PAPER 66-840] 02 p0331 A67-12256
Trends in contracting that will influence spacecraft design and development. [AIAA PAPER 67-641] 20 p3557 A67-37623
- OCONNOR, G. E., JR.**
Optimal control of antenna pointing direction subject to random disturbance. 02 p0219 A67-12147
- OCONNOR, J. J.**
Stator whirl with rotors in bearing clearance. [ASME PAPER 66-WA/MD-8] 04 p0629 A67-15346
- OCONNOR, J. R.**
Unusual crystal-field energy levels and efficient laser properties of YVO sub 4 -Nd. 07 p1195 A67-19559
Optical and laser properties of Nd super plus 3-and Eu super plus 3-doped YVO sub 4. 11 p1847 A67-24739
- OCONNOR, T. J.**
Null point transient calorimeters, theoretical concepts, and experimental results. 01 p0070 A67-11035
Turbulent mixing of an axisymmetric jet of partially dissociated nitrogen with ambient air. [AIAA PAPER 65-823] 01 p0055 A67-11171
- ODA, H.**
The area of safe operation of transistors for switching operation. 07 p1157 A67-19902
- ODA, J.**
Uniaxial stress effect of Ge pn junctions doped with copper. 12 p1983 A67-25456
- ODA, M.**
Learning control system seeking the optimum point of bimodal characteristics by means of polynomial conjecture. 01 p0048 A67-11236
A measurement of the location of the X-ray source SCO X-1. 02 p0308 A67-11771
On the optical identification of Sco X-1. 02 p0324 A67-11772
Possible models for X-ray source, SCO-X-1. 04 p0694 A67-14484
Progress in cosmic X-ray research. 05 p0883 A67-16875
The location and spectra of cosmic X-ray sources. 12 p1995 A67-25761
The size and position of the X-ray source in the Crab Nebula. 13 p2189 A67-28263
Observation of the background component of cosmic X-rays. 19 p3314 A67-35278
Fundamental principle and behavior of Learntrols. 22 p3778 A67-39412
- ODAY, W. R., JR.**
Biaxial tension, distributed dislocation cores, and fracture in bubble rafts. 16 p2768 A67-31279
- ODDEN, R. B.**
Lunar surface navigation. 08 p1351 A67-20675
- ODEH, F.**
Equilibrium states of elastic rings. 13 p2219 A67-27147
- ODELL, C. R.**
Polarization of the Taurus infrared source. 19 p3330 A67-36081
- ODELL, P. L.**
On the fixed point probability vector of regular or ergodic transition matrices. 23 p4023 A67-41032
- ODELL, T. H.**
An induced magneto-electric effect in yttrium iron garnet. 23 p4035 A67-40654
- ODEN, J. T.**
Mechanics of Elastic Structures. 23 p4071 A67-40566
- ODGERS, G. J.**
Optics for the Queen Elizabeth II telescope. 23 p4001 A67-41257
- ODING, I. A.**
Special features of plastic deformation and fracture of titanium at room temperature /Osobennosti plasticheskoi deformatsii i razrusheniia titana pri komnatnoi temperature/. 07 p1205 A67-19278
- ODINOKOVA, L. P.**
Role of twinning in the plastic deformation of titanium /O roli dvoinikovaniia v protsesse plasticheskoi deformatsii titana/. 09 p1518 A67-21965
- ODINTSOV, A. A.**
Constant component of the Cardan error of gyroscopic devices subject to regular rocking /O postolannoi sostavilalushchei Kardanovoi oshibki groskopicheskikh priborov pri regularnoi kachke/. 03 p0425 A67-14282
Comment on the integration of "abbreviated" equations of motion of gyroscopes /Zamechanie ob integrirvani "ukorochennykh" uravnenii dvizheniia groskopov/. 12 p1945 A67-25967
Effect of production inaccuracies of cardan-suspension gimbals on the dynamic accuracy of a gyroscope /O vliianii pogreshnostei izgotovleniia ramok Kardanovogo podvesa na dinamicheskuiu tochnost' gloskopa/. 14 p2320 A67-28741
- ODINTSOV, A. I.**
The effect of load mismatch on the operation of a laser. 08 p1338 A67-21270
- ODOM, P. R.**
A computer simulation of the orbital launch window problem. [AIAA PAPER 67-615] 19 p3329 A67-36004
Application of the Saturn V launch vehicle to unmanned scientific exploration of the planet Jupiter. 22 p3887 A67-40138
- ODONNELL, E. E.**
On the driving point impedance of an asymmetrical dipole. 03 p0385 A67-13861
On digital computer solutions of Fredholm integral equations of the first and second kind occurring in antenna theory. 23 p3981 A67-41208
- ODONOGHUE, J. P.**
The heat transfer coefficient and lubricated contact temperature. 19 p3237 A67-35840
- ODQVIST, F. K. G.**
Mathematical theory of creep and creep rupture. 07 p1264 A67-20301
- ODULOV, S. G.**
Adjustment and stabilization of the wavelength of ruby laser radiation /Pro perestroivuvannia i stabilizatsiiu dovozhlnei khvili viprominluuvannia rubinovogo optichnogo kvantovogo generatora/. 14 p2332 A67-28759
- OE, T.**
Foreshortening effect on the apparent area of solar flare. 20 p3518 A67-36841
- OEBERG, B.**
Development and construction of Gerdien condenser rocket probes. 03 p0518 A67-13368
- OECMICHEN, J. P.**
Space utilization of field-effect transistors /Utilisation spatiales des transistors a effet de champ/. 21 p3600 A67-38659
- OEHRMAN, Y.**
Observations of a flare spray at the solar limb on July 11, 1966. 10 p1703 A67-23798
On some suggested procedures to reduce the scattered light in sunspot photometry. 13 p2203 A67-27424
- OEHMICHEN, J. P.**
Solid-state high-impedance devices /Les dispositifs a haute impedance a l'etat solide/. 13 p2077 A67-28661
Use of MOS transistors /Utilisation des transistors M.O.S./. 20 p3396 A67-36322
- OEL, H. J.**
Comparison of sintering mechanisms in some carbides, oxides, and metals. 01 p0096 A67-10694
Calculation of internal stresses in multilayer materials /Berechnung der inneren Spannungen von Schichtwerkstoffen/. 05 p0919 A67-16590
Stress distribution in multiphase systems. I. 24 p4175 A67-42374
- OELCER, N. Y.**
General solutions to a class of heat flow problems in a finite circular cylinder. 06 p1113 A67-18124
Note on the general solution of the heat equation. 08 p1429 A67-21436
On a general heat flow problem. 12 p2040 A67-26185

- OEMICHEN, J.-P.
"Dimmers" Thyristor variable-power controllers Les "dimmers" - Variateurs de puissance a thyristors 16 p2641 A67-31566
- OFFIK, E. J.
Sun-grazing comets and tidal disruption. 03 p0512 A67-13923
Evolution of the moon's surface. 20 p3525 A67-36948
Interaction of meteoric bodies with the terrestrial atmosphere. 20 p3525 A67-36949
- OERTEL, G. K.
Stark broadening of isolated ion lines in a plasma. 15 p3529 A67-29678
- OERTEL, H.
Shock tubes Stossrohre. 07 p1189 A67-20205
- OERTEL, H. JR.
Microwave thermography. 11 p1792 A67-24714
Microwave thermography Mikrowellen-Thermographie. 12 p1939 A67-25196
- OESTERWINTER, C.
Motion of a lunar satellite. 06 p1397 A67-21184
The motion of a lunar satellite. 10 p1706 A67-23185
Importance of gravitational harmonics of high order for the orbits of earth satellites. 12 p2006 A67-25831
- OETTEL, R. E.
180 deg domain formation in ferroelectrics with shorted electrodes. 19 p3304 A67-35047
- OETTINGER, P. E.
A unified treatment of the relaxation phenomenon in radiating argon plasma flows. 19 p3298 A67-35745
- OEZ, I. H.
Application of calculus of variation to the nonsteady gas flows. 20 p3360 A67-37678
- OFFENHARTZ, E.
Design problems associated with complex reentry vehicles. 22 p3902 A67-39938
- OFFERHAUS, L.
Homeostatic regulation of the circulation during prolonged gravitational stress plus G sub z. 15 p2428 A67-29273
- OFFERMANN, D.
Neutral constituents of the upper atmosphere in the altitude range of 110 to 160 km above Sardinia. 10 p1639 A67-23213
- OFFIK, W. G.
Feasibility study of an orbiting energy depot. 22 p3902 A67-39948
- OFFNER, A.
Ray tracing through a holographic system. 03 p0423 A67-13906
- OFFNER, B.
Lift and drag of a series of trapezoidal models with flat under surfaces in blown flow near the free surface Protances et trainees d'une serie de maquettes trapezoidales a intrados plan en ecoulement ventille pres de la surface libre. 13 p2093 A67-26595
- OGALE, V. A.
On the definition of "cooling losses" in cooled gas turbines. 20 p3517 A67-37484
- OGALLAGHER, J. J.
The heliocentric intensity gradients of cosmic-ray protons and helium during minimum solar modulation. 09 p1562 A67-22241
- OGANESIAN, A. P.
Study of the nuclear-active component of cosmic rays Ob issledovanii laderno-aktivnoi komponenty kosmicheskikh luchei. 12 p1947 A67-26095
- OGANESIAN, L. A.
The small parameter method for determining the motion of the viscous incompressible fluid in a support bearing. 15 p2493 A67-29692
- OGANESIAN, L. S.
Intensification of the heat-transfer process by applying longitudinal and transverse pressure gradients Intensifikatsiya protsessa teploobmena putem ispol'zovaniya prodol'nykh i poperechnykh gradientov davleniya. 19 p3346 A67-35633
- OGANESIAN, R. S.
Stabilization of a hollow jet by a uniform magnetic field K voprosu o stabilizatsii poloi strui odnorodnym magnitnym polem. 13 p2169 A67-27314
- OGANESIAN, V. KH.
Electronic structure and physical properties of certain sulfides of d-transition metals Elektronnoe stroenie i fizicheskie svoystva nekotorykh sulfidov d-perekhodnykh metallov. 12 p1986 A67-26096
- OGANESIAN, L. G.
Spectra of oscillations modulated in phase by fluctuations. 03 p0393 A67-13950
- OGANSA, H. S.
Electron emissive surface electric field meter. 20 p3444 A67-36524
- OGASAWARA, H.
A theoretical prediction of two-phase critical flow. 17 p2838 A67-32669
- OGATA, H.
Energy spectra of inelastic scattering of 28.4-Mev alpha particles. 21 p3659 A67-38401
- OGAWA, H.
The observation of galactic X-rays. 01 p0144 A67-10562
Energy spectra of galactic X-rays. 10 p1701 A67-23229
Equivalent resistance of traveling wave phototube at large modulation degrees. 16 p2636 A67-30697
- OGAWA, K.
Observation of the ion resonance by an RF probe. 04 p0663 A67-14616
Plasma density dependence of RF ion sources. 10 p1687 A67-23794
Electrical conductivity of a weakly turbulent plasma. 19 p3287 A67-35354
- OGAWA, M.
Photoionization and absorption coefficients of NO in the 600 to 950 angstrom units region. 06 p1037 A67-18573
- OGAWA, S.
Magnetic properties of superconducting Sn films. 05 p0664 A67-16899
- OGAWA, T.
Observation of the ELF and sub-ELF hydromagnetic waves. 05 p0798 A67-16869
The hydrogen and helium ultraviolet glow as an origin of the nighttime ionosphere. 10 p1633 A67-22949
Photoelectronic processes in the upper atmosphere. II. 10 p1833 A67-23049
Theoretical studies of the airglow resonant emission transfer. 10 p1634 A67-23050
Elf noise-bursts and enhanced oscillations associated with the solar-flare of July 7, 1966. 10 p1700 A67-23057
Rocket observations of visible and ultraviolet dayglow features. 19 p3221 A67-35277
High conduction characteristics of silicon diodes and thyristors. 21 p3597 A67-38523
- OGAWA, Y.
Frequency doublers with general nonlinear varactors. 01 p0040 A67-11234
- OGAWARA, Y.
Possible models for X-ray source. SCO-X-I. 04 p0694 A67-14484
Observation of the background component of cosmic X-rays. 19 p3314 A67-35278
- OGBLEHL, P. O.
The equatorial electrojet and the world-wide S sub q currents. 07 p1171 A67-19417
Analysis of the magnetic field of the equatorial electrojet. 14 p2312 A67-28572
Preliminary results on the equatorial electrojet in India. 19 p3221 A67-35431
- OGDEN, J. W.
Development and application of low-noise 6.5 percent Si-Fe sheet. 13 p2178 A67-27139
- OGG, N. R.
Conduction-band g factor anisotropy in indium antimonide. 01 p0134 A67-10785
Effect of field-dependent diffusion on stable domain propagation in the Gunn effect. 16 p2727 A67-30851
- OGILVIE, K. W.
Electron measurements near a weak aurora. 18 p3034 A67-33595
- OGIWARA, H.
Operations and experiments of the He-K blow-down MHD power generator. 12 p1898 A67-25389
- OGORIEWICZ, R. M.
Bending of plastics sandwich beams under uniformly distributed loads. 09 p1579 A67-22612
- OGORODNIKOV, K. F.
Symmetry of a force field and universal integrals of motion /Simmetriya silovogo polia i universal'nye integraly dvizheniya/. 01 p0113 A67-10680
Symmetry of a force field and the universal integrals of motion. 11 p1821 A67-25069
- OGORODNIKOV, V. V.
Effect of neutron radiation on the properties of titanium and chromium carbides /Del'stvie neitronnogo obлучeniya na svoystva karbidov titana i khroma/. 03 p0447 A67-13639
- OGOSHI, H.
Weather radar and radar relay equipment. 14 p2290 A67-28996
- OGRADY, E. P.
Correlation method for computing sensitivity functions on a high-speed iterative analog computer. 13 p2073 A67-27061
- OGRYZLO, E. A.
Some reactions forming O sub 2 /super 1 sigma super plus sub g/ in the upper atmosphere. 16 p2670 A67-31918
- OGUCHI, H.
A kinetic model for a binary mixture and its application to a shock structure. 13 p2103 A67-26977
Experiments on ionizing shock waves. 21 p3611 A67-37961
- OGUCHI, K.
Viscosity of three binary gaseous mixtures. 18 p3161 A67-34522
- OGUCHI, T.
Scattering and absorption of a millimeter wave due to rain and melting hailstones. 04 p0577 A67-15685
- OGURA, H.
Excitation of Fabry-Perot resonator. I. 17 p2868 A67-32667
Excitation of Fabry-Perot resonator. II. 17 p2868 A67-32668
- OGURECHNIKOV, A. N.
The shape of the line of deflection of a rotating weightless shaft supporting eccentrically distributed mass points or disks /O forme uprugoi lini vrashchalushchegosia nevesomogo vala, nesushchego eksstsentrichno raspolzhenye tochechnye massy ili diski/. 21 p3636 A67-38831
- OGURTSOV, K. I.
Unsteady dynamic field excited by a source moving along the boundary of an elastic half-plane /O nestatsionarnom dinamicheskom pole, vzbuzhdaemom istochnikom, dvizhushchimsya po granitse uprugoi poluploskosti/. 21 p3716 A67-37967
- OGURTSOV, O. F.
New assembly for the study of powerful interactions of 100 to 1000 Bev at a Tyan-Shan high-altitude station - Preliminary results /Novaya ustanovka dlia issledovaniya sil'nykh vzaimodelstviy pri energiyakh 100-1000 Bev na Tian-Shan'skoi vyzokogornoi stantsii - Pervye rezultaty/. 02 p0248 A67-12746
Nuclear cascade process in an ionization calorimeter /Iadernokaskadnyi protsess v ionizatsionnom kalorimetre/. 02 p0248 A67-12747
Nuclear cascade processes in an ionization calorimeter. 22 p3801 A67-40249
- OGURTSOVA, N. N.
Capillary discharge as a plasma source for quantitative plasma studies /Kapillarnyi razriad kak istochnik plazmy dlia ee kolichestvennykh issledovaniy/. 17 p2897 A67-32177
- OGUTI, T.
Magnetic field observations by rockets and satellites. 05 p0798 A67-16870
- OH-HASHI, J.-I.
The synthesis, resolution and configuration of beta-hydroxyvaline. 07 p1137 A67-20014
Optical resolution and configuration of trans-2, 3-epoxybutyric acid. 07 p1137 A67-20015
On the reactions of carbonyl compounds with N-salicylideneglycinatoaquocopper /II/. Syntheses of beta-hydroxy alpha-amino acid from glycine. 20 p3376 A67-36877
- OH, L. L.
RADANT - An integrated radome antenna system. 18 p3016 A67-34598
- OHAGAN, M.
Optimal design of matching networks for microwave transistor amplifiers. 08 p1305 A67-21228
- OHARA, F.
Handling criteria. 13 p2053 A67-27192
- OHASHI, M.
Interaction between elastic cracks, dislocation cracks and slip bands. 16 p2769 A67-31284
- OHASHI, S.
Studies on the mechanical properties of Japanese beryllium. 13 p2140 A67-27134
- OHASHI, Y.
Large deflection in elastoplastic bending of a simply supported circular plate under a uniform load. 04 p0718 A67-15920
On the bending of thin plates of material having a non-linear stress-strain

- relation. 13 p2215 A67-26267
Calibration test in photo-rheological stress analysis for variable rate of principal stress difference. 20 p3536 A67-36419
- OHE, T.**
Production of a thermally ionized plasma with negative ions. 19 p3272 A67-35084
- OHI, M.**
Transient behavior of He-Ne lasers. 05 p0825 A67-16980
- OHIRA, H.**
Local buckling theory for an axially compressed circular cylinder of finite length. 05 p0918 A67-16421
- OHJI, K.**
Rotating principal stress axes in high-cycle fatigue. [ASME PAPER 66-WA/MET-9] 04 p0712 A67-15374
Cumulative damage and effect of mean strain in low-cycle fatigue of a 2024-T351 aluminum alloy. [ASME PAPER 65-WA/MET-5] 05 p0827 A67-16214
- OHJI, M.**
A preliminary experiment on the induction-coupled argon plasma at atmospheric pressure. 06 p1039 A67-18067
- OHKUBO, K.**
Read-type oscillation from silicon p-n-n diodes. 24 p4133 A67-42820
- OHLE, K.-H.**
Variation of nighttime values of cosmic-noise measurements at 24.95 MHz /Die Variation der Nachtwerte von Cosmic-Noise-Messungen auf 24,95 MHz/. 13 p2201 A67-27392
- OHLEMLER, T. J.**
A critical analysis of arc image ignition of solid propellants. 15 p2581 A67-29987
- OHLENDORF, W.**
An MHD generator using a non-seeded inert gas as a working fluid. 09 p1444 A67-21812
- OHM, E. A.**
A linear optical modulator with high FM sensitivity. 17 p2869 A67-33297
- OHMAN, L. H.**
A simplified approach to predicting the onset of spin-yaw instability of a rapidly ascending rolling ballistic missile in the absence of asymmetric forces. 08 p1406 A67-20509
A satellite launching study employing black brant VB sounding rocket motors as booster building blocks. 14 p2394 A67-28701
A spin-yaw instability criterion for the ascending ballistic missile. 22 p3904 A67-40103
- OHMI, T.**
A limitation on frequency of Gunn effect due to the intervalley scattering time. 24 p4205 A67-42811
- OHMURA, Y.**
Galvanomagnetic anisotropy of p-type InSb. 04 p0674 A67-14609
Hole surfaces in indium antimonide. 21 p3679 A67-38255
- OHNET, J.**
Detrimental effect of 1-Mev electrons on epitaxial solar cells /Degradation des cellules solaires epitaxiales due a des electrons de 1 Mev/. 21 p3572 A67-38672
- OHNISHI, H.**
Hot electron plasma produced by axially rising magnetic field. 21 p3667 A67-38413
- OHNIWA, K.**
Coherent domains in some parameter spaces inherent in a beam-plasma regime. 17 p2902 A67-32674
- OHNO, J. M.**
Ultrahigh vacuum cold welding in a dynamic load elevated temperature environment. 10 p1670 A67-23742
- OHNO, K.**
The present status of calculations of properties of N sub 2 and O sub 2. 04 p0660 A67-14693
- OHNUMA, I.**
Analog-to-code converter using uni-junction transistors. 16 p2636 A67-30900
- OHNYSTY, B.**
Ablation of magnesite. [ATAA PAPER 65-641] 03 p0449 A67-13061
- OHRING, G.**
Possible meteorological experiments for manned earth-orbiting spacecraft. 02 p0239 A67-12379
- OHSHIO, M.**
Direct observations of the ionosphere by sounding rockets during the
- IQSY.** 01 p0060 A67-10335
Direct observation of the ionosphere by sounding rockets during
- IQSY.** 07 p1186 A67-19677
Direct observations of the ionosphere by sounding rockets K-9M-15, L-3H-1 and L-3H-2. 11 p1787 A67-24643
- OHTA, M.**
Hydraulic design of Japan's YS-11. 19 p3175 A67-34787
- OHTA, T.**
Thermomagnetic effects in the mixed state of type II superconductors. 16 p2724 A67-30609
- OHTSU, J.**
Low-latitude nose whistlers. 14 p2306 A67-27882
Long-term variation of whistler dispersion. 14 p2307 A67-27887
On harmonic components of tweeks. 14 p2307 A67-27888
- OHWADA, A.**
Charge transport phenomena in MOS system. 09 p1552 A67-21763
- OHYAMA, T.**
Temperature and stress dependence of electron lifetime in p-type semiconductors between 1.5 and 4.2 deg K. 02 p0301 A67-12523
Cyclotron resonance study of electron scattering by neutralized acceptors in Si and Ge. 06 p1063 A67-18939
- OIGENBLIK, A. A.**
Investigation of the hydrodynamics of a pseudofluidized bed by a tracer gas technique /Ob issledovanii gidrodinamiki psevdoozhizhennogo sloia metodom trassirulushchego gaza/. 18 p3160 A67-34290
- OKININE, C.**
Calculation of radiation flows in the interior of the combustion chambers of solid-propellant rockets /Calculs des flux de rayonnement a l'interieur des chambres de combustion des propulseurs a poudre/. 09 p1561 A67-22567
Ablation of reinforced plastics /Ablation des plastiques renforces/. 13 p2222 A67-26596
Calculation of the velocity profile downstream from a step-shaped wall /Calcul du profil des vitesses a l'aval d'une paroi en forme de marche/. 16 p2662 A67-31469
Contribution to the study of heat transfer between an incompressible fluid and a porous medium /Contribution a l'etude du transfert de chaleur entre un fluide incompressible et un milieu poreux/. 22 p3917 A67-39640
- OJALVO, I. U.**
Natural vibrations of a stiffened pressurized cylinder with an attached mass. [AIAA PAPER 66-449] 14 p2399 A67-28120
- OJHA, S. K.**
Effect of longitudinal surface curvature on boundary layers. 19 p3209 A67-35415
- OKA, M.**
The electron microscopic structure and lattice defects of the martensite in commercially pure titanium. 06 p1017 A67-17966
/1011/ transformation twins in titanium. 06 p1017 A67-17967
- OKA, S.**
The steady slow motion of a non-Newtonian liquid through a tapered tube. 14 p2294 A67-27822
- OKABE, H.**
Influence of giant pulse irradiation on a ruby laser. 23 p4017 A67-41434
- OKABE, T.**
Wafer-type millimeter-wave diodes. 18 p3011 A67-34021
- OKABE, Y.**
Precise fabrication technique. 12 p1951 A67-26213
- OKADA, M.**
Various properties of the plasma jet in the magnetic field at low pressure. 18 p3084 A67-33647
Studies on plasma welding - On the welding of stainless steel, mild steel and titanium plates. 20 p3456 A67-37542
- OKADA, O.**
The stability and transition of an axisymmetric wake. 02 p0177 A67-11580
- OKADA, T.**
Electrical properties alpha-In sub 2 Se sub 3. 03 p0493 A67-13362
- OKAMOTO, E.**
Properties of evaporated thin films of Si sub 2 O sub 3. 09 p1555 A67-22102
- OKAMOTO, T.**
Factors from Bacillus stearothermophilus that inhibit the binding of amino acids to transfer RNA. 20 p3370 A67-36798
- OKAMOTO, Y.**
Properties of avalanche injection and its application to fast pulse generation and switching. 13 p2079 A67-26872
- OKAMURA, K.**
Fundamental research on gear lubrication. 02 p0250 A67-12499
- OKAMURA, S.**
Electron admittance of reflex klystron. 21 p3598 A67-38604
- OKAMURA, T.**
The stability of water flow over heated and cooled flat plates. [ASME PAPER 67-HT-41] 20 p3547 A67-36725
- OKANE, D. F.**
Ferroelectric and optical properties of K₂sub 2 Nb sub 5 O sub 15. 24 p4204 A67-42366
- OKASAKA, R.**
Improvement of shock wave generation in a T-tube. 21 p3612 A67-38257
- OKAZAKI, S.**
Observations of space-charge-limited currents in p-type silicon. 11 p1845 A67-24135
On the biennial component in the rate of rotation of the earth. 23 p3996 A67-41085
- OKAZAKI, T.**
Unsteady aerodynamic heating of a flat plate. 15 p2415 A67-29328
- OKE, J. B.**
The emission-line spectrum of 3C 273. 17 p2944 A67-32636
- OKEAN, H. C.**
Properties of a TEM transmission line used in microwave integrated circuit applications. 15 p2444 A67-29455
- OKEEFE, J. A.**
Lunar ring dikes from Lunar Orbiter I. 05 p0901 A67-17202
The origin of tektites. 06 p1078 A67-17562
The equilibrium shape of the earth in the light of recent discoveries in space science. 06 p0994 A67-17767
The stability of a rotating liquid mass. 06 p1080 A67-17768
Causes of strain birefringence around the notches in moldavites. 21 p3704 A67-38506
The origin of the moon and the core of the earth. 24 p4230 A67-42324
Tektite sculpturing. 24 p4235 A67-42639
- OKEEFE, J. D.**
Supersonic liquid jets. 06 p0982 A67-17603
- OKEEFE, R. F.**
Development and application of a new jet interaction fluid amplifier. 23 p3936 A67-41420
- OKELLEY, H. E.**
A microelectronic data link for all-weather carrier landings. 01 p0026 A67-10969
- OKHLOPKOV, V. P.**
Results of a study of cosmic rays on the satellites Elektron 2 and Elektron 4 /Rezultaty issledovaniia kosmicheskikh luchei na sputnikakh Elektron-2 i Elektron-4/. 05 p0880 A67-18109
Investigations of primary cosmic radiation by the Elektron 2 and Elektron 4 satellites. 12 p1998 A67-25827
Results of cosmic ray studies by means of the Elektron II and Elektron IV satellites. 24 p4214 A67-42785
- OKHOTSIMSKII, D. E.**
On optimum acceleration in a central field. 16 p2744 A67-30737
Optimal strategy in correcting /Optimal'naya strategiya pri korrektsionanii/. 20 p3407 A67-36809
- OKHREMENKO, N. M.**
Experimental apparatus for studying MHD phenomena in the channels of linear induction pumps /Eksperimental'naya ustanovka dlia issledovaniia magnitogidrodinamicheskikh lavlenii v kanalakh lineinykh induktsionnykh nasosov/. 04 p0670 A67-15521
Transverse fringe effect in flat linear induction pumps. 16 p2723 A67-31582
- OKIKIOLU, G. O.**
On integral operators associated with Poisson transforms and the operator H sub alpha. 05 p0835 A67-18733
- OKINAKA, Y.**
Developments toward an improved sealed Ni-Cd battery. 09 p1445 A67-22177
- OKLADNIKOV, I. U. N.**
Algal continuous culture as a component of the closed ecological system /Neprieryvnaia kul'tura mikrovdorosel' v

- kachestve zvena zamknutoi ekologicheskoi sistemy/. 24 p4114 A67-41844
- Gas exchange between man and a microalgae culture during a 30-day experiment /Gazoobmen mezhdu chelovekom i kul'turoi mikrovdoroslet v 30-sutochnom eksperimente/. 24 p4114 A67-41845
- OKLADNIKOV, Y. N.**
Experimental biological life support system. II. 19 p3180 A67-35236
- OKSENGORN, B.**
Stimulated inverse Raman effect /Effet Raman inverse stimule/. 14 p2333 A67-28985
- OKSMAN, I. A.**
Volume electroluminescence of GaAs single crystals /Ob'emnaya elektroluminestsentsiya monokristallov GaAs/. 14 p2368 A67-28538
Volume electroluminescence of GaAs single crystals. 23 p4040 A67-40945
- OKTU, O.**
Galvanomagnetic properties of single-crystal antimony between 77 deg K and 273 deg K. 14 p2364 A67-28105
- OKU, T.**
Studies on the mechanical properties of Japanese beryllium. 13 p2140 A67-27134
Improvement of quantum efficiency in gallium arsenide electroluminescent diodes. 17 p2914 A67-32654
Threshold current density in solution-grown GaAs laser diodes. 21 p3641 A67-38457
- OKUBO, T.**
A solid state matrix display employing gallium phosphide diodes. 05 p0771 A67-16313
- OKUDA, M.**
The seasonal variation in temperature in the nighttime F region. 06 p0996 A67-18431
- OKUDA, T.**
Steady state properties of a collision-free, cylindrical plasma injected in longitudinal magnetic field. 12 p1974 A67-25455
Electric field in a steady collision-dominated three components plasma. 14 p2358 A67-28240
Electrostatic instability of a cylindrical, collision-free injected plasma of zero temperature in the presence of longitudinal magnetic field. 17 p2902 A67-32658
- OKULOV, I. I.**
Motion of a magnetic particle in the earth's dipole field. 02 p0311 A67-12585
Problem of the Dirac monopole /K voprosu o monopole Diraka/. 02 p0271 A67-12751
Preliminary results of a study of the spatial rigidity distribution of cosmic-ray intensity by the SibIZMIR-AN-SSSR expedition in 1965 /Predvaritel'nye rezul'taty issledovaniia ekspeditsiei SibIZMIR AN SSSR v 1965 g. prostranstvenno-zhestkostnogo raspredeleniia intensivnosti kosmicheskikh luchei/. 05 p0881 A67-16124
Determination of the coupling coefficients of the cosmic-ray neutron component according to data obtained by the schooner Zaria /Opredeleniie koefitsientov svyazi neitronnoi komponenty kosmicheskikh luchei po dannym shkhuny "Zaria"/. 05 p0882 A67-16125
Limit energy of a monopole in the field of the earth's magnetic dipole /Predel'naya energiya monopolla v pole magnitnogo dipolia zemli/. 10 p1631 A67-22800
Motion of a monopole in the field of a magnetic dipole /Dvizhenie monopolla v pole magnitnogo dipolia/. 14 p2378 A67-27920
Latitudinal effect of the neutron component from measurements performed on the schooner "Zaria" in 1960 /Shirotnyi effekt neitronnoi komponenty po izmereniam na shkhune "Zaria" v 1960 g./.. 17 p2933 A67-32092
Theory of the interaction between electric and magnetic charges /K teorii vzaimodeistviia elektricheskogo i magnitnogo zariadov/. 17 p2883 A67-32100
Electric dipole moment of a neutrino /Ob elektricheskoi dipol'nom momente neitrina/. 17 p2887 A67-32101
Concerning the Dirac monopole. 22 p3841 A67-40253
Maximum energy of the monopole in the field of the earth's magnetic dipole. 24 p4150 A67-42137
Determination of the coupling coefficients for the neutron component of cosmic rays on the basis of the data collected by the schooner "Zarya." 24 p4215 A67-42801
- OKUMA, Y.**
Energy spectra of inelastic scattering of 28.4-Mev alpha particles. 21 p3659 A67-38401
- OKUNEV, I. U. B.**
Terminology in the theory of phase-difference modulation /O terminologii v teorii fazoraznostnoi modulatsii/. 01 p0025 A67-10830
Terminology in the theory of phase-shift modulation. 10 p1607 A67-23460
Theory of wideband communication systems /K teorii shirokopolosnykh sistem svyazi/. 16 p2624 A67-31025
- OKUYAMA, M.**
Evaporation-condensation coefficient for small droplets. 11 p1884 A67-24989
- OKUZAWA, T.**
On intensity decrease of the hydromagnetic shock wave through non-uniform magnetosphere. 10 p1634 A67-23053
- OKWIT, S.**
Ultra-low-noise amplifier using a positive resistance up-converter. 01 p0034 A67-10106
A positive resistance up-converter for ultra-low-noise amplification. 08 p1304 A67-21222
Ultra-low-noise reception using masers and cooled parametric amplifiers. 14 p2260 A67-27776
- OLAN, R. W.**
Effects of bulk modulus and density on aircraft and missile hydraulic servo systems. [ASME PAPER 67-FE-19] 14 p2252 A67-28366
- OLASON, M. L.**
Aerodynamic design philosophy of the Boeing 737. 03 p0354 A67-12906
Aerodynamic design of Boeing's short haul jet. [AIAA PAPER 65-739] 08 p1279 A67-21043
- OLATUNJI, E. O.**
Ionospheric diurnal variations in the F-layer at Ibadan over a sunspot cycle. 03 p0407 A67-12826
Some features of equatorial ionospheric storms. 03 p0408 A67-12841
An eclipse in the equatorial F-region. 10 p1651 A67-23340
The total columnar electron content of the equatorial ionosphere. 10 p1651 A67-23341
The behaviour of the topside ionosphere during storm conditions. 24 p4148 A67-42058
The integrated electron content in the equatorial ionosphere. 24 p4148 A67-42063
- OLAUGHLIN, B. D.**
Impact of future aeronautical vehicles on development test facility planning. [AIAA PAPER 67-780] 24 p4139 A67-42947
- OLAUGHLIN, T. W.**
Reach effectiveness in a rotating environment. 23 p3956 A67-41630
- OLDEG, H. W.**
Gemini program management. [AAS PAPER 66-158] 08 p1430 A67-20975
Gemini program management. [AAS PAPER 66-158] 13 p2233 A67-27559
- OLDEKOP, W.**
Thermionic nuclear power systems in the range from 5 to 50 kwe /Thermionische Kernreaktor-Energieversorgungsanlagen fuer einen Leistungsbereich von 5 bis 50 kwe/. 04 p0559 A67-15964
The efficiency of liquid metal MHD cycles with multistage injection. 12 p1897 A67-25379
Efficiency of MHD processes with injection condensation /Zum Wirkungsgrad von MHD-Prozessen mit Einspritz-Kondensation/. 24 p4098 A67-42085
- OLDENBURGER, R.**
Linearization of time independent nonlinearities by use of an extra signal and extra nonlinearity. [ASME PAPER 66-WA/AUT-21] 04 p0592 A67-15392
Signal stabilization of a memory type nonlinearity. [ASME PAPER 66-WA/AUT-1] 04 p0593 A67-15421
Propagation of disturbance in fluid lines. [ASME PAPER 66-WA/AUT-24] 17 p2835 A67-32017
- OLDER, H.**
Flight research program. VII. 09 p1455 A67-21718
- OLDHAM, W. G.**
Electrooptic junction modulators. 21 p3684 A67-38453
- OLDHAM, W. J. B., JR.**
Calculations of the energy and angular distribution of electrons ejected from helium by protons. II. 22 p3839 A67-39201
- OLDROYD, P. W. J.**
Strain hardening and softening of metals produced by cycles of plastic deformation. 12 p2015 A67-25419
- OLEAK, H.**
Remarks on the problem of heat emission by meteors /Bemerkungen zum Problem der Temperaturstrahlung bei Feuerkugeln/. 05 p0903 A67-17313
- OLEARY, B. T.**
The presence of ice in the Venus atmosphere as inferred from a halo effect. 05 p0892 A67-16407
Mars - Influence of topography on formation of temporary bright patches. 06 p1088 A67-18644
On the polarimetric evidence for an atmosphere on Mercury. 12 p2010 A67-26244
The opposition effect of Mars. 24 p4226 A67-41838
- OLEARY, W. J.**
Application of queueing theory to phased array radar maintenance problems. 08 p1292 A67-20668
- OLECH, C.**
On the closedness of the set of trajectories of a control system. 06 p0975 A67-18100
- OLEINIK, A. O.**
Construction of the solutions of a system of boundary layer equations by the method of straight lines. 24 p4177 A67-42200
- OLEINIK, N. V.**
Program attachment to standard fatigue testing machines. 13 p2217 A67-26796
- OLEINIK, O.**
On the existence, uniqueness, stability and approximation of solutions of Prandtl's system for the nonstationary boundary layer. 13 p2093 A67-26603
- OLEINIK, O. A.**
On the system of boundary layer equations for unsteady flow of an incompressible fluid. 02 p0232 A67-11921
Mathematical theory of the boundary layer of an unsteady flow of incompressible fluid /K matematicheskoi teorii pogranichnogo sloia dlia nestatsionarnogo techeniia neszhimaemol' zhidkosti/. 02 p0233 A67-11948
Solution of a set of Prandtl equations by the finite difference method /O reshenii sistem uravnenii Prandtlia metodom konechnykh raznostei/. 10 p1628 A67-23672
Stability of solutions for a system of boundary layer equations for a nonsteady flow of incompressible fluid. 11 p1782 A67-24669
On the mathematical theory of boundary layer for an unsteady flow of incompressible fluid. 17 p2840 A67-33265
On the solution of Prandtl equations by the method of finite differences. 21 p3612 A67-38273
System of boundary-layer equations for axisymmetric flows /O sisteme uravnenii pogranichnogo sloia dlia osesimmetricheskikh techenii/. 22 p3739 A67-39217
- OLEINIK, V. P.**
Multiphoton absorption of light by current carriers in a semiconductor /Mnogofotonnoe pogloshchenie sveta nositelami toka v poluprovodnike/. 10 p1695 A67-23658
Resonance phenomena in the field of an intense laser beam /Rezonansnye efekty v pole intensivnogo lazernogo lucha/. 14 p2334 A67-29078
Many-photon absorption of light by carriers in a semiconductor. 17 p2924 A67-33339
- OLENICK, R. W.**
Calorimetric absorbance measurements of thermal-control coatings between room and cryogenic temperatures. 24 p4256 A67-42913
- OLESEN, H. L.**
Radiation effects on electronic systems. 04 p0583 A67-15267
Radiation hardening of semiconductor electronics. 17 p2919 A67-32857
- OLESEN, J. K.**
Some characteristics of spread F in very high latitudes. [AGARDGRAPH 95] 15 p2481 A67-30281
- OLESIK, Z.**
Energy dissipation in an elastoplastic medium due to the onset of an axisymmetric crack /Dysypacja energii w osrodku sprzysto-plastycznym wywolana wystepowaniem szczeliny osiowo-symetrycznej/. 10 p1716 A67-22939
Some properties of thermal stresses /O pewnych wlasnosciach naprezen cieplych/. 12 p2032 A67-26198

- OLESON, N. L.**
Curved-field plasma transmission into a mirror machine. 03 p0485 A67-14048
Studies of a coaxial E x B plasma gun. 13 p2163 A67-26291
- OLEYNIK, R. J.**
Human acceleration experience at the Aerospace Medical Research Department, U.S. Naval Air Development Center-Johnsville - 1 January 1961-30 December 1965. 23 p3953 A67-41590
- OLFE, D. B.**
A modification of the differential approximation for radiative transfer. 10 p1733 A67-23113
Shock structure with non-gray radiative transfer. 16 p2658 A67-30938
- OLIFIROVICH, IA. V.**
Materials made of metallic fibers /Materialy iz metallicheskih volokon/. 20 p3466 A67-36912
- OLINER, A. A.**
Radiating elements and mutual coupling. 07 p1154 A67-19782
Mutual coupling in infinite scanning arrays. 07 p1154 A67-19783
Mutual coupling in finite scanning arrays. 07 p1154 A67-19784
Transverse equivalent networks for slotted inhomogeneous circular waveguides. 11 p1766 A67-24690
Propagation behaviour of slotted inhomogeneous circular waveguides. 11 p1766 A67-24691
Improved theory of propagation through slotted circular waveguide. 17 p2812 A67-32317
- OLINSEVA-NEBRAT, G. G.**
Interdiurnal temperature variability in the stratosphere in January and July /Mezhdusutochnaya izmenchivost' temperatury v stratosfere v yanvare i iul'e/. 04 p0616 A67-15473
- OLIVA, F.**
Heat transfer in a fuel cell battery - Maximum battery temperatures. 20 p3364 A67-37016
- OLIVER, C. C.**
Application of the method of integral relations to the nonequilibrium hypersonic planetary entry problem. 22 p3740 A67-39936
- OLIVER, D. A.**
Nonuniform electrical conduction in MHD channels. 17 p2906 A67-33011
- OLIVER, J. P.**
Mercury - Observations of the 3.4-millimeter radio emission. 22 p3889 A67-40240
- OLIVER, M. R.**
Current runaway and avalanche effects in n-CdTe. 21 p3677 A67-38006
- OLIVER, N. J.**
Auroral spectrograph data. 02 p0238 A67-12036
- OLIVER, P. E.**
Properties of gallium arsenide crystals produced by liquid encapsulation pulling. 10 p1693 A67-23516
- OLIVERI, F. T.**
Maintaining the cleanliness of clean parts. [SAE PAPER 670825] 24 p4159 A67-41989
- OLIVIER, M.**
Control system for a frequency standard /Systeme d'asservissement pour etalon de fréquence/. 13 p2121 A67-27226
- OLIVIER, R.**
Ionization energy and impurity band conduction of shallow donors in n-gallium arsenide. 06 p1052 A67-18570
- OLMR, J.**
Type IV bursts and associated active regions. 12 p1993 A67-25131
Investigation of solar radio bursts in the frequency range 536-2000 Mc/s. 12 p1993 A67-25132
- OLMSTEAD, W. E.**
The Injection from a half plane in the Oseen approximation. 01 p0052 A67-10793
An exact solution for Oseen flow past a half plane and a vertical force singularity. 08 p1319 A67-20350
On the nonuniqueness of Oseen flow past a half plane. 08 p1319 A67-20351
- OLOUGHLIN, J. R.**
The Influence of tailpipe length on flame stability. [ASME PAPER 67-GT-4] 11 p1853 A67-24792
The relation between flame shape and chamber combustion efficiency for a flame stabilized by an opposed-jet flameholder. [AIAA PAPER 67-472] 18 p3157 A67-33942
Correction for radiation absorbed by electrically heated, wire temperature sensors in flame. 21 p3733 A67-38883
- OLSCHEWSKI, H. A.**
Studies of unimolecular reactions of triatomic molecules. 18 p3082 A67-33793
- OLSCHEWSKI, L.**
Determination of the nuclear dipole moments of super 171 Yb and super 173 Yb by optical pumping /Bestimmung der Kerndipolmomente von super 171 Yb und super 173 Yb durch optisches Pumpen/. 10 p1665 A67-23479
- OLSEN, C. E.**
On the superconductivity in beta-beryllium and related phases. 10 p1688 A67-22890
ASW patrol aircraft of the future. [AIAA PAPER 66-727] 13 p2054 A67-27591
- OLSEN, E.**
The state of oxidation of some iron meteorites. 11 p1865 A67-24606
Amphibole - First occurrence in a meteorite. 11 p1868 A67-24873
On the occurrence of brinites and panethite, two new phosphate minerals from the Dayton meteorite. 24 p4234 A67-42625
- OLSEN, H. L.**
Design and operation of the battery power supply of a hypersonic-propulsion facility. 04 p0556 A67-15638
Heat transfer effects arising from arc rotation in plasma arc heaters of the self-induced magnetic field type. 12 p2034 A67-25346
- OLSEN, H. N.**
New method for obtaining emission coefficients from emitted spectral intensities. II - Asymmetrical sources. 01 p0115 A67-11073
- OLSEN, M. G.**
Diffusion welding of dissimilar metals. 07 p1190 A67-19214
- OLSEN, R. O.**
Improved technique for deriving wind profiles from rocketsonde parachutes. 21 p3654 A67-38186
Rocket temperature and wind sensors for synoptic observations. 23 p4025 A67-41445
- OLSHANETSKII, V. E.**
The effect of boron and cerium on the nature of boundary distribution of excess carbides in a heat-resistant type of complex nickel alloy /Vlianiye bora i tseriya na kharakter pogranichnogo raspredeleniya izbytochnykh karbidov s slozhnolegrovannom nikelovym splave tipa ZnS/. 14 p2338 A67-28674
- OLSHTEIN, L. E.**
Causes of separation in the characteristics axial compressor stages with a large relative hub diameter /O prichinakh razryva kharakteristik stupeni osevoogo kompressora s bol'shim otnositel'nym diametrom vtulki/. 20 p3358 A67-37083
- OLSON, A. T.**
Dynamic buckling in modified I-beams. 17 p2958 A67-32030
- OLSON, B. A.**
Hybrid simulation of VTOL flight. 17 p2808 A67-33183
- OLSON, F. A.**
A magnetoelastic two-port configuration in YIG. 21 p3677 A67-38007
- OLSON, H. M.**
Design calculations of reverse bias characteristics for microwave p-i-n diodes. 22 p3770 A67-39730
- OLSON, J. H.**
An investigation of the fatigue behavior of 18 percent nickel maraging steel. 06 p1014 A67-17800
- OLSON, J. R.**
A reassessment of rotor hovering performance prediction methods. [AHS PAPER 100] 16 p2594 A67-31817
- OLSON, K. H.**
New miniature glass diodes. 06 p0968 A67-18096
- OLSON, M. D.**
On comparing theory and experiment for the supersonic flutter of circular cylindrical shells. [AIAA PAPER 67-77] 06 p1103 A67-18354
Comparing theory and experiment for the supersonic flutter of circular cylindrical shells. [AIAA PAPER 67-77] 21 p3727 A67-38869
- OLSON, N. T.**
Yield and angular distribution of cesium-sputtered molybdenum. 06 p1036 A67-18139
Evidence against focused chains in high-yield copper sputtering. 16 p2728 A67-31056
- OLSON, R. E.**
Analytical method for predicting power jet reattachment characteristics in wall-attachment-type fluidic devices. 14 p2250 A67-28336
Inversion of low-energy experimental He-He super plus elastic differential scattering sections to the super 2 sigma sub g super plus and super 2 sigma sub u super plus potentials. 17 p2889 A67-33257
- OLSON, R. J.**
Organic compounds in meteorites. II. 24 p4236 A67-42640
- OLSON, R. L.**
Laboratory investigations related to a systems analysis approach to planetary quarantine. 19 p3180 A67-35274
- OLSON, R. M.**
Blood pressure, blood velocity, and pressure waves during positive G sub z acceleration. 23 p3951 A67-41551
- OLSON, R. N.**
Design of a solar-electric propulsion system for interplanetary spacecraft. [AIAA PAPER 66-214] 07 p1240 A67-19364
Solar-electric propulsion systems for unmanned space missions. [AIAA PAPER 67-713] 22 p3868 A67-39844
- OLSON, W. R.**
40 watt solid state UHF transmitter. 02 p0219 A67-12111
- OLSSON, C. N.**
Influence of the terrestrial environment on the temporal and statistical characteristics of Jovian decametric radiation. [RASSA PAPER 1-10-134] 03 p0373 A67-12445
Delineation of Jovian decametric sources by millisecond pulses. 15 p2558 A67-30032
- OLSZAK, W.**
Elastic Behaviour in Shells. 21 p3722 A67-38531
- OLSZEWSKI, V. E.**
Drag force solid state anemometer and vane. 05 p0808 A67-17308
- OLTE, A.**
Excitation of surface currents on a plasma-immersed cylinder by electromagnetic and electrokinetic waves. II. 06 p0962 A67-18075
- OLTMAN, G.**
Dipolar radiative modes of a plasma cylinder. 03 p0484 A67-14044
- OLVER, A. D.**
Propagation behaviour of slotted inhomogeneous circular waveguides. 11 p1766 A67-24691
- OMAHONY, M. S.**
Mass optimal solutions of some variable endpoint trajectory problems. 22 p3884 A67-39955
An adaptive guidance scheme for orbital rendezvous. 22 p3832 A67-39964
- OMALLEY, R. E., JR.**
Two-parameter singular perturbation problems for second-order equations. 14 p2343 A67-28626
The first boundary value problem for certain linear elliptic differential equations involving two small parameters. 20 p3477 A67-36942
Singular perturbations of boundary value problems for linear ordinary differential equations involving two parameters. 23 p4022 A67-40746
- OMAN, H.**
Cadmium-sulfide solar cells in a deployable array composed of rigid frames. 23 p3938 A67-41497
- OMAN, R. A.**
Calculations of the interactions of diatomic molecules with solid surfaces. 13 p2098 A67-26938
Numerical calculations of gas-surface interactions. 15 p2434 A67-30197
Theory and experimental results of a detonation tube technique for simulating rocket plumes in a space environment. 24 p4253 A67-42029
- OMAR, M. H.**
On the existence of a corrugated surface representing the relationship between current, voltage and magnetic field for weakly-connected superconductors. 17 p2928 A67-33406
The relationship between current, voltage and magnetic field for a superconducting double-point-contact diode placed in the center of a coaxial cavity. 20 p3511 A67-37241
- OMAROV, T. B.**
Intermediate motion of bodies of variable

- mass in celestial mechanics /O
promezhutochnom dvizhenii v nebesnoi
mekhanike tel peremennoi
massy/. 04 p0700 A67-15202
- OMELCHENKO, O. IA.**
Absorption and transformation of
obliquely incident electromagnetic waves in
the resonance layer of an inhomogeneous
plasma /Pro poglinannia i transformatsii
elektromagnitnykh khvil' v rezonansnomu
shari pri pokhlomu padanii na neodnorodnu
plazmu/. 24 p4119 A67-42071
- OMELCHENKO, V. T.**
Solution of the heat-conduction equation
with discontinuous parameters and its
application to the problem of electric
contacts. 16 p2779 A67-31207
- OMHOLT, A.**
Carl Stormer's height measurements of
aurora. 06 p0997 A67-18694
Physics of aurora. 10 p1633 A67-22986
Characteristics of high frequency auroral
pulsations. 17 p2850 A67-33193
The spectrum and excitation mechanisms
in aurora. 18 p3032 A67-33582
A statistical study of Carl Stormer's
height measurements of Aurora
Borealis. 18 p3033 A67-33588
The occurrence of auroral pulsations in
the frequency range 0.01-0.1 c/s over
Tromsø. 19 p3222 A67-35459
- OMIDAVAR, K.**
Electron capture by protons in hydrogen
and effect of an electric
field. 07 p1226 A67-19501
- OMIDVAR, K.**
Vainshtein method applied to electron
impact excitation and ionization of
atoms. 07 p1225 A67-19207
Oscillator strengths for resonance lines of
ions in the neon isoelectronic
sequence. 12 p1968 A67-26247
- OMINI, M.**
On a possible model of crack propagation
in a solid subjected to a cyclic
loading. 22 p3911 A67-39680
- OMORI, G.**
Effects of cerium on workability of
magnesium. 15 p2505 A67-30398
- OMOTH, R. E.**
A digitally simulated star field display.
[AIAA PAPER 67-254] 07 p1149 A67-20051
- OMURA, I.**
Characteristics of microwave plasma
observed by spectroscopic and mass
spectrometric methods. 23 p4034 A67-41435
- ONAK, T.**
The nuclear magnetic resonance and
microwave spectra of some deuterio
derivatives of 2,4-
dicarbaclavoheptaborane/7/.
[JPL-TR-32-1038] 01 p0019 A67-11146
- ONAT, E. T.**
On anisotropic linear viscoelastic
solids. 08 p1419 A67-20880
- ONDERDELINDEN, D.**
A molecular beam apparatus for the 0-50
ev region. 14 p2316 A67-28191
- ONDOH, T.**
Generation of VLF hiss in the nighttime
magnetosphere. 04 p0618 A67-15686
A simple method for estimating an
enhanced ionization in the lower
ionosphere. 10 p1634 A67-23059
- ONDREJKA, R. J.**
Note on the stereo interpretation of
Nimbus II APT photography.
[AFCLR-66-805] 02 p0241 A67-11970
- ONEAL, W. C.**
Multi-gigawatt ruby laser system.
[ASME PAPER 66-WA/ENER-2] 04 p0634 A67-15371
- ONEGOV, V. A.**
Estimating the error of an approximate
solution to a parabolic equation /Otsenka
pogreshnosti priblizhennogo resheniya
parabolicheskogo
uravneniya/. 05 p0836 A67-17108
- ONEIL, T.**
Plasma expansion in a magnetic
field. 05 p0858 A67-17428
- ONEIL, T. M.**
Nonlinear instability. 16 p2719 A67-31228
Plasma wave echo. 19 p3295 A67-35534
- ONEILL, H. J.**
Evaluating explosions in diffusion-pumped
vacuum systems. 06 p0979 A67-17632
- ONEWEIN, L. J.**
Maintainability considerations in variable
geometry aircraft.
[SAE PAPER 670883] 24 p4160 A67-42017

- ONG, R. S. B.**
Relaxation to equilibrium of a dilute
electron plasma. 12 p1977 A67-26176
Test-particle relaxation in an electron gas
described by the Fokker-Planck kinetic
equation. 14 p2356 A67-28203
- ONISHCHENKO, S. M.**
Gyrocompass stability during turning /Pro
stabilit' girokompasiv na
tsirkulatsii/. 13 p2118 A67-26373
- ONISHCHENKO, I. M.**
Kinetic theory of electromagnetic waves in
a laminar plasma medium situated in a
magnetic field /Do kinetichnoi teorii
elektromagnitnykh khvil' u sharuvato-
plazmovomu seredovishchi, shcho
znakhodit'sia u magnitnomu
poli/. 21 p3663 A67-37860
- ONISHCHENKO, I. N.**
Formation of short plasmoids /Poluchenie
korotkikh plazmennyykh
sgustkov/. 15 p2526 A67-29259
Thomson mass spectroscopy for studying
plasmoids /Mass-spektroskop Tomsona dlia
izucheniya plazmennyykh
sgustkov/. 15 p2486 A67-29260
Kinetic theory of the passage of
electromagnetic waves through a
magnetoelectric plasma layer /Kineticheskaya
teoriya prokhozheniya elektromagnitnykh
voln cherez magnitnoaktivnyi sloi
plazmy/. 22 p3761 A67-39758
- ONJI, A.**
Experiments of an orifice-type pressure
probe set in a body in nearly-free-molecule
flow. 14 p2302 A67-28198
- ONNET**
Solar-sensor system for the D-2 satellite
/Le systeme de senseurs solaires pour le
satellite D-2/. 21 p3629 A67-38666
- ONO, M.**
MOS transistor digital switch and its
integration. 12 p1918 A67-26218
- ONO, S.**
UHF amplification and frequency
conversion in a single
transistor. 20 p3398 A67-36773
- ONO, T.**
A study on statistical synthesis of optimal
final-value control system under random
environments. 05 p0783 A67-16442
- ONODERA, Y.**
Some transport properties of conduction
electrons in n-type CdS. 03 p0493 A67-13351
Effect of microwave and magnetic field on
A.C. Josephson currents. 17 p2915 A67-32657
- ONUFRIEV, A. T.**
Solution of the linearized Couette-flow
problem in a rarefied gas by the integral-
diffusion method. 04 p0606 A67-15183
Application of integral diffusion method to
a turbulent flow. 04 p0609 A67-15811
Solution by the method of integral
diffusion of the problem of a rarefied
constant-density gas flow past a semi-infinite
plate /Reshenie zadachi ob otekanii
polubeskonechnoi plastinki potokom
razrezhennogo gaza postolannoi plotnosti
metodom integral'noi
diffuzii/. 05 p0792 A67-16995
Solution of the problem of flow of a
stream of rarefied gas of constant density
around a semi-infinite plate using the
method of integral
diffusion. 14 p2297 A67-28032
Calculation of a cylindrical electric arc
with allowance for radiative energy transfer
/Raschet tsilindricheskoj elektricheskoi dugi
s ucheto perenosa energii
izlucheniem/. 17 p2897 A67-32172
Equations of integral diffusion -
Application to the study of the process of
turbulent transfer /Ob uravneniyakh
integral'noi diffuzii. Primenenie k
issledovaniyu protessa turbulentnogo
perenosa/. 24 p4141 A67-41933
- ONUKI, M.**
High-field Hall effect of semiconducting
CdS. 10 p1689 A67-22908
- ONUMA, Y.**
Piezoresistive elements of germanium thin
films. 05 p0871 A67-17481
- ONWUMECHILLI, A.**
The equatorial electrojet and the world-
wide S sub q currents. 07 p1171 A67-19417
Analysis of the magnetic field of the
equatorial electrojet. 14 p2312 A67-28572
Preliminary results on the equatorial
electrojet in India. 19 p3221 A67-35431
- ONYSHKEVYCH, L.**
Sonic film memory. 18 p3012 A67-34347

- Sonic film memory. 19 p3189 A67-36067
- OONA, H.**
Preparation of thin self-supporting
beryllium foils. 17 p2866 A67-33360
- OPARA, B. K.**
Heat resistance of nickel alloys containing
oxides /Zharostokost' splavov nikelia s
okislami/. 16 p2690 A67-31433
- OPARIN, A. I.**
Present state of the problem of the
genesis of life and the prospects for its
solution /Sovremennoe sostoyanie i
perspektivy resheniya problemy
vozniknoveniya zhizni/. 24 p4112 A67-42052
- OPARIN, V. A.**
Charge transfer of protons in alkali metal
vapors with the formation of highly excited
hydrogen atoms. 08 p1358 A67-20855
- OPATOWSKI, T.**
A new formula for pressure versus flow
deflection at hypersonic
speeds. 15 p2472 A67-29675
- OPDYKE, G., JR.**
Initial experience with emulsified fuels at
AVCO Lycoming.
[SAE PAPER 670366] 12 p1987 A67-25884
- OFFELL, J. B.**
A system engineering approach to
spacecraft sterilization
requirements. 02 p0186 A67-11928
Ecological patterns of micro-organisms in
desert soils. 15 p2426 A67-29112
Applications of capillary microscopy in
exobiological research. 19 p3179 A67-35205
Synergism in ethylene oxide-methyl
bromide sterilization of very dry spore and
staphylococcal
populations. 19 p3180 A67-35279
- OPLINGER, D. W.**
Preliminary investigation of the
mechanical behavior of three dimensionally
reinforced plastics. 03 p0451 A67-13401
The effect of bond-layer compliances on
flexural responses of a sandwich beam.
[SESA PAPER 1214] 18 p3142 A67-33895
- OPOWER, H.**
Energetic plasmas produced by laser light
on solid targets. 23 p4033 A67-41152
- OPPENHEIM, A. K.**
Experimental observations of the
transition to detonation in an explosive
gas. 03 p0535 A67-13500
Pressure wave generation in a fissioning
gas. IV. 08 p1322 A67-21121
The no-man's land of gasdynamics of
explosions.
[AIAA PAPER 66-517] 13 p2106 A67-27582
Detonative ignition induced by shock
merging. 18 p3153 A67-33826
- OPPENHEIM, U. P.**
Integrated intensity of NO
fundamental. 19 p3266 A67-35681
- ORAEVSKII, A. N.**
Effect of nonuniformity of molecular
emission on oscillation frequency of a maser
oscillator. 01 p0089 A67-10395
Theory of undamped intensity pulsations
in lasers. 03 p0437 A67-13208
Theory of pulsating conditions for
lasers. 05 p0820 A67-16662
Laser operating regimes with a resonator
Q-factor depending on the radiation field
power /Rezhimy raboty kvantovykh
generatorov s dobrotnost'yu rezonatora,
zavislyashchey ot intensivnosti polia
izlucheniya/. 15 p2499 A67-29722
Output pulsations in a
maser. 21 p3638 A67-37941
Thermal methods for laser
excitation. 21 p3638 A67-37942
- ORAEVSKII, I. N.**
Properties of gallium arsenide diode lasers
/Svoystva diodnykh kvantovykh generatorov,
izgotovlennykh iz arsenida
galliya/. 01 p0086 A67-10066
Continuous coherent radiation of epitaxial
GaAs diodes at a temperature of 77 deg K
/Nepriyemnoe kogerentnoe izluchenie
epitaksial'nykh diodov iz GaAs pri
temperature 77 deg K/. 01 p0090 A67-10548
Continuous coherent radiation of epitaxial
diodes of GaAs at 77 deg
K. 01 p0091 A67-11056
Properties of diode quantum generators
prepared from gallium
arsenide. 08 p1339 A67-21449
- ORAEVSKII, V. N.**
Plasma stability in combined magnetic
fields /Ob ustoychivosti plazmy v
kombinirovannykh magnitnykh
polakh/. 20 p3500 A67-37048

- Excitation of oscillations in "decay" instability of steady-state waves in a plasma. 21 p3674 A67-38803
- ORAN, C.**
Complementary energy method for buckling. 06 p1110 A67-18840
- ORANGE, T. W.**
Continuity gage measurement of crack growth on flat and curved surfaces at cryogenic temperatures. 01 p0102 A67-11028
- ORCHARD, H. J.**
Integratable gyrator using M.O.S. and bipolar transistors. 01 p0041 A67-11329
Bandpass-filter realisation using gyrators. 07 p1154 A67-19615
- ORCHARD, S. E.**
Reflection and transmission of light by a thick atmosphere according to a phase function-1 plus $x \cos \theta$. 24 p4147 A67-41819
Reflection and transmission of light by thick atmospheres of pure scatterers with a phase function. 24 p4147 A67-41820
- ORCHON, S.**
Behavior of solid rocket materials in space and re-entry environments. 15 p2507 A67-29548
- ORCUTT, F. K.**
The steady-state and dynamic characteristics of the tilting-pad journal bearing in laminar and turbulent flow regimes. [ASME PAPER 66-LUB-19] 03 p0431 A67-13756
Calculations and experiments on the unbalance response of a flexible rotor. [ASME PAPER 67-VIBR-27] 11 p1796 A67-24185
Steady-state and dynamic properties of the floating-ring journal bearing. [ASME PAPER 67-LUB-13] 24 p4162 A67-42674
- ORD, J. L.**
A computer-operated following ellipsometer. 23 p4001 A67-41260
- ORDANIAN, S. S.**
Temperature dependence of the grain size in NbC sub 0.80 /O temperaturnoi zavisimosti razmera zeren NbC sub 0.80/. 01 p0102 A67-11245
Temperature dependence of the grain size of NbC sub 0.80. 17 p2875 A67-33168
Enthalpy and heat capacity of niobium carbide in the homogeneity domain in the temperature range from 1300 to 2500 deg K /Ental'piia i teploemkost' karbida niobila v oblasti gomogennosti v intervale temperatur 1300-2500 deg K/. 24 p4171 A67-41958
- ORDANOVICH, V. E.**
A method of studying essentially nonconservative oscillatory systems on an electronic analog computer /Odn metod issledovaniia sushchestvenno nekonservativnykh kolebaniy/nikh sistem na elektronnoi modellirulushchel ustanovke/. 02 p0227 A67-12420
- ORDENKO, V. B.**
Preparation of high-porosity materials from refractory compounds. 16 p2683 A67-31596
- ORDWAY, F. I., III**
Some implications of extrasolar intelligence. 06 p0954 A67-19039
- OREFICE, A.**
Electromagnetic-wave propagation in a weakly ionized plasma. II. 14 p2355 A67-27954
Electromagnetic-wave propagation in a weakly ionized plasma. III. 14 p2355 A67-27955
- OREGAN, R.**
An electrooptic analog for the solution of the Laplace equation. 17 p2818 A67-32418
- OREILLY, J. B.**
Powerplant pressurization for altitude. [SAE PAPER 670267] 12 p1899 A67-25511
- OREILLY, W. T.**
Built-in tests for the AN/AWG-10 missile control system. 20 p3417 A67-36990
- ORELL, A.**
On S-shaped boiling curves. 18 p3160 A67-34164
- ORESHKINA, A. A.**
Study of the structure of a Mg-3 percent Nd alloy subjected to high-temperature plastic deformation /Issledovanie struktury splova Mg-3 percent Nd, podvergnutogo vysokotemperaturnoi plastichesko deformatsii/. 02 p0255 A67-11868
- ORFORD, K. J.**
The momenta of muons in extensive air showers. 06 p1076 A67-17651
- ORFORD, R. J.**
Parametric analysis of spaceborne radar applications. 04 p0572 A67-15030
- ORGERA, M.**
Beryllium for manned space flight /Beryllium fuer die bemannte Raumfahrt/. 04 p0635 A67-14563
- ORIANI, R. A.**
Exploratory experiment on feasibility of making a Ti-Mg alloy under high pressure. 03 p0441 A67-13255
- ORLIANSKII, A. D.**
Results of a radar study of the wind regime in the meteor zone. 13 p2110 A67-26552
- ORLICZ, W.**
Notes on the theory of integral. I. 17 p2879 A67-32810
- ORLIN, H.**
Gravity sensing instruments. 20 p3448 A67-36894
- ORLOV, B. N.**
Investigation of the radiation resistance of silicon semiconductor detectors when irradiated by protons with an energy of 2.3 Mev /Issledovanie radiatsionnoi stoikosti kremniyevykh poluprovodnikovyykh detektorov pri obluichenii protonami s energiei 2.3 Mev/. 21 p3628 A67-38596
- ORLOV, I. N.**
Moment of aerodynamic resistance of a gyromotor operating in hydrogen and helium /Moment aerodinamicheskogo soprotivleniia girodvigatelia, rabotaiushchego v vodorode i geli/. 01 p0064 A67-10418
- ORLOV, I. U. F.**
Plane problem of gliding in the presence of a finite number of singular flow points /Ploskala zadacha o glissirovani v prisutstvi konechnogo chisla osoybykh tochek potoka/. 18 p3022 A67-33413
- ORLOV, I. U. I.**
Problem of the wave seepage through a caustic surface in a parabolic plasma layer /K voprosu o prosachivani volny cherez kaustiku v parabolicheskom plazmennom sloe/. 02 p0191 A67-11582
Characteristics of the caustic of a cylindrical wave in a laminar-wedge plasma. 05 p0765 A67-16962
Features of the refraction and focusing of spherical electromagnetic waves in a weakly heterogeneous parabolic plasma layer /Ob osobennostiakh refraktsii i fokusirovki sfericheskikh elektromagnitnykh voln v slaboneodnorodnom plazmennom parabolicheskom sloe/. 22 p3760 A67-39737
- ORLOV, L. G.**
Layer structure of cold-rolled molybdenum /Sloistal struktura kholodnokatnogo molibdena/. 01 p0101 A67-10939
The layered structure of cold-rolled molybdenum. 22 p3820 A67-39792
- ORLOV, N. I.**
An experiment to test the hypothesis of the antimatter nature of meteoric swarms. 23 p4069 A67-41689
- ORLOV, P. P.**
Choice of optimum Mach number for a flow of a nonequilibrium helium-cesium plasma in an MHD generator duct /Vybor optimal'nogo chisla Makha pri techenii neravnovesnoi geliyo-tsezievoi plazmy v kanale MGD generatora/. 16 p2604 A67-30570
- ORLOV, V. A.**
Method of analyzing invariant and optimal systems with periodic parameters /O metodike analiza invariantnykh i optimal'nykh sistem s periodicheskimi parametrami/. 01 p0044 A67-10492
Technique for the analysis of invariant and optimal systems with periodic parameters. 10 p1621 A67-23614
- ORLOV, V. M.**
Electrolytic refining of titanium alloys /Ob elektroliticheskom rafinirovani titanovykh splavov/. 16 p2687 A67-30843
- ORLOV, V. P.**
Calculation of the propagation constant of a rectangular waveguide with a transversely magnetized ferrite core by the Galerkin-Ritz method /Raschet postolannoi rasprostraneniia priamougol'nogo volnovoda s poperechno-namagnichennym ferritovym sterzhnem metodom Galerkina-Rittsa/. 07 p1152 A67-19590
Principal trends in the investigation of secular variations /Osnovnye napravleniia v issledovanii vekovykh variatsii/. 17 p2847 A67-32947
Geocentric trajectories for particles of a single class. 18 p3120 A67-33866
- Derivation of the propagation constant of a rectangular waveguide with transversely magnetized ferrite rod using the Galerkin-Ritz method. 20 p3401 A67-37327
- ORLOVA, I. G.**
Investigation of compaction during the hot compression of magnesium oxide with additives /Issledovanie uplotneniia pri gorlachem pressovanii oksid magniia s dobavkami/. 01 p0102 A67-11243
- ORLOVA, N. S.**
Electromagnetic waves guided by a dielectric layer in a plasma medium. 08 p1295 A67-20832
- ORLOWSKI, B.**
Anomalous photovoltages in CdSe and CdS thin layers. 13 p2175 A67-26429
- ORME, D.**
An experimental direct electron beam film scanner - One solution to the problems of resolution, readout rate, and signal-to-noise ratio. 17 p2857 A67-32469
- ORMES, J. F.**
Observations on nuclei heavier than iron in the primary by cosmic radiation. 11 p1856 A67-24504
An upper limit on the quiet time solar neutron flux at energies greater than 60 Mev. 17 p2936 A67-32532
- ORMONDES, S.**
Autoionizing D states in He below the n equals 2 level of He super plus. 16 p2704 A67-31167
- ORMONT, A. B.**
Spontaneous radiative recombination in InP p-n junctions in the presence of small currents /Spontannaia izluchatel'naia rekombinatsiia v InP p-n-perekhodakh pri mal'kikh tokakh/. 04 p0679 A67-15138
Tunnel radiative recombination in p-n junctions /O tunnel'noi izluchatel'noi rekombinatsii v p-n-perekhodakh/. 05 p0863 A67-16689
Spontaneous radiative recombination in InP p-n junctions in the case of small currents. 12 p1979 A67-25161
Tunnel-effect radiative recombination in p-n junctions. 15 p2539 A67-29859
- ORMONT, N. N.**
Impurity photoconductivity spectra of p-type germanium with Ga, Hg, Au, and Ni impurities. 10 p1693 A67-23583
- ORMSBY, J. F. A.**
A theorem in rotational analysis. 15 p2519 A67-30209
- ORMSBY, R. B.**
The Lockheed-500 - A cargo plane for the 1970's. [AIAA PAPER 66-1019] 03 p0362 A67-14152
C-5 technology. 07 p1130 A67-20230
- ORNATSKAIA, O. I.**
Thermal history of the moon. 18 p3119 A67-33862
- ORNATSKII, A. P.**
Heat-transfer crisis in annular channels in the case of bilateral heat supply /Krizis teploobmena v kol'tsevykh kanalakh pri dvukhstoronnem podvode tepla/. 17 p2969 A67-32459
- ORNDORFF, R. M.**
Radiation hardened sampled data system. 04 p0625 A67-15709
- ORNSTEIN, G. N.**
Evaluation of probabilistic displays. 05 p0757 A67-16308
- ORO, J.**
Alkanes in fungal spores. 03 p0363 A67-13594
Application of high resolution gas chromatography-mass spectrometry to the analysis of the pyrolysis products of isoprene. 10 p1602 A67-22947
Aliphatic hydrocarbons in pre-cambrian rocks. 10 p1709 A67-23488
Aliphatic hydrocarbons in meteorites. 10 p1709 A67-23489
Organic compounds in meteorites. 21 p3703 A67-38501
Organic compounds in meteorites. II. 24 p4236 A67-42640
- ORR, W. H.**
Tantalum integrated circuits. 05 p0770 A67-16239
- ORROK, N. E.**
LM - Next step in the conquest of space. 07 p1260 A67-20246
- ORSINI, P. G.**
Morphological considerations on the Tucson meteorite /Alcune osservazioni morfologiche sulla meteorite

- Tucson/. 03 p0510 A67-13350
- ORSZAG, A.**
Application of lasers to the study of the high atmosphere and of objects beyond the atmosphere /Les applications des lasers a l'etude de la haute atmosphere et des objets extra-atmospheriques/. 06 p1008 A67-17591
Study of the moon by optical radar /Etude de la lune par radar optique/. 14 p2386 A67-28468
Frequency variation of a Q-switched laser by a phthalocyanine solution /Variation de frequence d'un laser declenche par une solution de phthalocyanine/. 17 p2868 A67-32705
Laser measurement of earth moon distance and selenography. 18 p3130 A67-34316
- ORSZAG, S. A.**
Model equations for strong turbulence in a Vlasov plasma. 22 p3850 A67-39703
- ORTEGA, J.**
The Gliven-Householder method for symmetric matrices. 09 p1468 A67-22046
- ORTEGA, J. M.**
Nonlinear difference equations and Gauss-Seidel type iterative methods. 03 p0460 A67-13881
On a class of approximate iterative processes. 07 p1218 A67-20212
Monotone iterations for nonlinear equations with application to Gauss-Seidel methods. 16 p2697 A67-31331
- ORTELL, A. R.**
Supersonic and hypersonic lift of highly swept wings and wing-body combinations. 06 p0937 A67-18013
- ORTENBERG, F. S.**
Probabilities of electron-oscillatory transfers in diatomic molecules /Verolnost' elektronno-kolebatel'nykh perekhodov v dvukhatomnykh molekulakh/. 03 p0471 A67-13314
Probability of electron-vibrational transitions in diatomic molecules. 16 p2703 A67-30490
- ORTH, C.**
Search for fractionally charged particles in cosmic rays near sea level. 15 p2550 A67-29680
- ORTH, R. C.**
An experimental and comparative study of jet penetration in supersonic flow. [AIAA PAPER 67-225] 06 p0940 A67-18444
An experimental and comparative study of jet penetration in supersonic flow. 21 p3610 A67-37800
- ORTH, R. W.**
A frequency-selective limiter using magnetoelastic instability. 13 p2077 A67-26523
- ORTLOFF, C. R.**
Restricted variational principle methods for boundary value problems of kinetic theory. 08 p1324 A67-21408
Wall temperature and speed ratio effects on free molecule flat plate flows. 11 p1881 A67-23880
- ORTON, H. F.**
Life support. 22 p3755 A67-40340
- ORTON, J. W.**
The physics of maser materials. 19 p3304 A67-35547
- ORTUSI, J.**
Application of Hamiltonian equations to electronics /Application des equations d'Hamiltona l'electronique/. 18 p3002 A67-34231
- ORYNBASAROV, M.**
First boundary value problem for the equation of thermal conductivity, involving a region with two angular points on its boundary /Pervaia granichnaia zadacha dlia uravnenia teploprovodnosti, kogda granitsa oblasti imeet dve uglovyie tochki/. 04 p0721 A67-14661
- OSADCHUK, V. S.**
Inductive properties of junction transistors /Induktivnye svoistva ploskostnykh tranzistorov/. 18 p3009 A67-33479
- OSAMURA, K.**
Crystal structures of alpha-and beta-indium selenide, In sub 2 Se sub 3. 03 p0493 A67-13361
- OSASIUK, V. V.**
Analysis of endurance strength criteria /Analiz kriteriev dlitel'noi prochnosti/. 12 p2032 A67-25964
- OSAWA, K.**
On the optical identification of Sco X-1. 02 p0324 A67-11772

- OSBORN, J. R.**
Combustion pressure oscillations in an unmixed gas rocket motor. 02 p0302 A67-11940
On the interaction of a finite amplitude pressure pulse with a combustion region. 18 p3108 A67-33830
- OSBORNE, D. G.**
Variation of the magnetic horizontal component in Eastern Africa. 03 p0408 A67-12838
- OSBORNE, F. J. F.**
Plasma-induced interference in satellite V.L.F. receivers. 06 p0964 A67-18569
The V x B interaction of a satellite with its environment. 08 p1410 A67-20714
Laboratory geophysics and astrophysics. 14 p2294 A67-29035
Interaction of a dipole magnetic field with a moving plasma. 19 p3288 A67-35367
- OSBORNE, J. L.**
Studies of cosmic ray neutrino interactions in the Kolar gold field experiment. 24 p4210 A67-42582
- OSBORNE, M. R.**
The numerical solution of a periodic parabolic problem subject to a nonlinear boundary condition. 15 p2510 A67-29522
Numerical methods for hydrodynamic stability problems. 16 p2661 A67-31419
- OSEPAISHVILI, L. G.**
Statistical analysis of solar-diurnal variations of cosmic rays from directional-telescope and neutron-monitor data /Statisticheskii analiz solnechno-sutochnoi variatsii kosmicheskikh luchei po dannym napravlennykh teleskopov i neutronnykh monitorov/. 17 p2931 A67-32078
- OSEPUCHUK, J. M.**
Cascade crossed-field tubes improve microwave generation. 22 p3775 A67-40559
- OSETINSKII, I. V.**
Approximate method for studying transition through combination resonance /Priblizhennyi metod izuchenia perekhoda cherez kombinatsionnyi rezonans/. 06 p1106 A67-18621
Combination resonance in a mechanical system containing a rotating body /Kombinatsionnyi rezonans v mekhanicheskoi sisteme, kotorai soderzhit vrashchalushcheisia telo/. 21 p3625 A67-37990
- OSGERBY, I. T.**
Operation of hotshot tunnel F with air as a test gas. 21 p3606 A67-37775
- OSHCERIN, B. N.**
Nature of the electronegativity of solid substances /K voprosu prirody elektrootritsatel'nosti v tverdykh veshchestvakh/. 18 p3094 A67-33438
- OSHEA, R. P.**
A combined frequency-time domain stability criterion for autonomous continuous systems. 01 p0046 A67-11209
- OSHIMA, K.**
Thermal design of an artificial satellite. 02 p0335 A67-12392
Temperature rise of heated electronic elements in spacecrafts. 21 p3731 A67-37959
Solar radiation test of surface coating materials. 21 p3650 A67-37960
- OSHIO, M.**
Direct observations of the ionosphere by sounding rockets - Results of charged particle density measurements during IOSY. 05 p0798 A67-16860
- OSHIO, T.**
Observation of solar VUV radiation with rocket-borne ion-chamber. 05 p0799 A67-16874
- OSHMANN, M. K.**
Observation of tunable optical parametric fluorescence. 13 p2127 A67-27081
- OSIAL, T. A.**
Industrial laser applications. 09 p1505 A67-22145
- OSIKO, V. V.**
Cerium fluoride with neodymium additions as an active medium for lasers /Tserfluorit s primes'iu neodima kak aktivnaia sreda dlia opticheskikh kvantovykh generatorov/. 05 p0825 A67-16922
Neodymium-doped cerium fluoride in lasers. 14 p2330 A67-28262
Mixed systems on the basis of fluorides as new laser materials for quantum electronics - The optical and emission parameters. 16 p2725 A67-30809
Quasi-continuous CaF sub 2 - Dy super 2 super plus laser with pyrotechnic excitation /Kvazinepreryvnyi opticheskii kvantovyi generator na osnove CaF sub 2 - Dy super 2

- super plus s pirotekhnicheskimi vzbuzhdeniem/. 16 p2886 A67-31484
- OSINENKO, V. M.**
Determination of the energy position of the recombination level in a diode base made of thermally hardened silicon /Opredelenie energeticheskogo polozheniia rekombinatsionnogo urovnia v baze dioda, poluchennogo iz termozakalennogo kremniia/. 22 p3773 A67-39920
- OSINSKII, V. I.**
Emission from p-n junctions in crystals of indium phosphide - Gallium arsenide solid solutions /Izluchenie n-p-perekhodov na kristallakh tverdykh rastvorov fosfida indlia - Arsenida galliia/. 05 p0865 A67-16941
Radiation of p-n junctions on crystals of solid solutions of indium phosphide and gallium arsenide. 14 p2366 A67-28486
Pulsed circuit with silicon controlled rectifiers for semiconductor-laser excitation /Impul'snaia skhema na kremnievykh upravlaemykh ventillakh dlia vzbuzhdeniia poluprovodnikovyykh O.K.G./ 19 p3191 A67-34983
- OSIPOV, A. I.**
Excitation of vibrational degrees of freedom in molecular collisions. 01 p0118 A67-11302
Oscillatory relaxation of heavy two-atom molecules in a light-gas medium /Kolebatel'naia relaksatsiia tiazhelykh dvukhatomnykh molekul v srede legkogo gaza/. 02 p0269 A67-12422
Relaxation processes in gases. I /Relaksatsionnye protsessy v gazakh. I/. 12 p1968 A67-28114
- OSIPOV, I. I.**
Electron temperature in an electric discharge applied to an argon ion laser /Ob elektronnoi temperature v elektricheskoi razlade, primenlaemom dlia argonovogo ionnogo OKG/. 01 p0090 A67-10550
Electron temperature in the electric discharge used for the argon ion laser. 01 p0091 A67-11058
Spectroscopic studies of gas discharges used for argon ion lasers. 05 p0823 A67-16880
Spectroscopic study of a gas discharge for argon ion lasers /Spektroskopicheskoe issledovanie gazovogo razlada dlia argonovykh ionnykh opticheskikh kvantovykh generatorov/. 15 p2501 A67-30003
Spectroscopic investigation of gas discharge for argon ion-optical lasers. 18 p3059 A67-33760
Ionization rate in an electrical discharge used for an argon ion laser /O skorosti ionizatsii v elektricheskoi razlade, primenlaemom dlia argonovogo ionnogo OKG/. 18 p3061 A67-34044
- OSIPOV, I. U. M.**
Method of separating magnetic fields produced by bodies made of conducting materials /Metod razdeleniia magnitnykh polei, sozdavaemykh telami iz provodiaschikh materialov/. 22 p3795 A67-39227
- OSIPOV, I. U. S.**
Stabilization of controlled systems with delays. 03 p0392 A67-13588
On the reduction principle in critical cases of stability of the motion of time-lag systems. 03 p0468 A67-13616
- OSIPOV, I. U. V.**
Effect of strain on the optical spectrum of direct excitons in germanium. 08 p1367 A67-20409
The sensitivity and speed of response of photoelectromagnetic detections with optically polished thin elements. 24 p4154 A67-42243
- OSIPOV, R. I.**
Walsh series convergence /O skhodimosti riadov po sisteme Uolsha/. 05 p0835 A67-17003
- OSKAM, H. J.**
Application of mass spectrometry to the study of gaseous plasmas. 05 p0851 A67-16381
Studies of decaying plasmas produced in neon and helium-neon mixtures. 09 p1548 A67-22360
Studies of decaying helium plasmas. 09 p1548 A67-22361
- OSKAY, V.**
Interferometry with hypersonic free-flight models. 05 p0789 A67-17355
- OSMER, P.**
On the optical search for the X-ray sources Cyg X-1 and Cyg X-2. 17 p2937 A67-32649

- OSMININ, I. U. P.**
Density of liquid alkali metals. 04 p0640 A67-15596
- OSMON, R. V.**
Improved methods of spillage drag prediction for two-dimensional supersonic inlets. [AIAA PAPER 67-449] 18 p2982 A67-33924
- OSMUNDSON, J. S.**
Onset of long-range order in a critical solution of macromolecules. 06 p1035 A67-17829
- OSNACH, A. I.**
Geophysical problems and lunar investigations. 04 p0702 A67-15561
- OSOVSKII, L. M.**
Adaptive control systems with models. 08 p1313 A67-21328
- OSS, G. K.**
Development of a frangible sounding rocket vehicle. 08 p1407 A67-20521
A frangible sounding rocket vehicle design. 15 p2565 A67-29449
- OSSAKOW, S. L.**
Kinetic equation for an unstable plasma in parallel electric and magnetic fields. 08 p1360 A67-21127
- OSSENBERG-FRANZES, F. W.**
Effect on stability of masses in relative motion with respect to a projectile /Der Einfluss relativ zum Flugkörper beweglicher Massen auf die Stabilität/. 03 p0517 A67-13027
- OSSOFF, A.**
Design of a solid state IF AGC system for pulsed carrier microwave receivers. 18 p3016 A67-34597
- OSTANINA, M. B.**
Relation of E sub s to magnetic activity /O svyazi E sub s s magnitnoi aktivnost'iu/. 02 p0237 A67-11675
Relation of E sub s to magnetic activity. 16 p2665 A67-31090
- OSTAPCHENKO, E. P.**
Krypton and xenon excitation mechanisms in the positive column of a DC discharge /O mekhanizme vozbuzhdeniia kriptona i ksenona v polozhitel'nom stolbe razradi post olannogo toka/. 19 p3265 A67-35131
- OSTAPOV, I. U. G.**
Stability of motion of nonlinear control systems with many nonlinearities /Ob ustoiichivosti dvizhenii nelineinykh reguliruemyykh sistem so mnogimi nelineinostiami/. 15 p2518 A67-29660
- OSTER, F.**
Possibility of excitation of the Kelvin-Helmholtz instability in rotating plasmas. 08 p1362 A67-21145
- OSTERINK, L. M.**
Single-frequency light from an argon FM laser. 10 p1664 A67-22906
Frequency stabilization of the FM laser. 19 p3240 A67-35622
- OSTERLE, J. F.**
On the irreversible thermodynamics of hydromagnetic energy conversion. 13 p2055 A67-27001
- OSTERMIER, B. J.**
Diffusion cloud-chamber investigation of homogeneous nucleation. 20 p3555 A67-37562
- OSTERTAG, E.**
Utilization of Ge /Li/ semiconductors for the determination of short time intervals /Utilisation de detecteurs a semiconducteurs Ge /Li/ en vue de la determination d'intervalles de temps courts/. 01 p0066 A67-10652
Time resolution of fast photomultipliers /Resolution en temps de photomultiplicateurs rapides/. 01 p0067 A67-10659
Switching characteristics of semiconductor diodes in the centimeter-wave range /Proprietes de commutation des diodes a semiconducteurs dans le domaine des ondes centimetriques/. 02 p0210 A67-11531
- OSTERTAG, W.**
The crystal structure of Er sub 2 Co sub 7 and other rare earth-cobalt compounds R sub 2 Co sub 7 /R equals Cd, Tb, Dy, Ho, Tm, Lu, Y/. 24 p4172 A67-41975
- OSTOSLAVSKII, I. V.**
Investigation concerning the optimization of controlled processes /Issledovaniia po optimizatsii upravliaemykh protsessov/. 22 p3778 A67-40446
- OSTRACH, S.**
Journal-bearing velocity profiles for small-eccentricity and moderate modified Reynolds numbers. [ASME PAPER 66-WA/APM-17] 04 p0630 A67-15408
Role of analysis in the solution of complex physical problems. 10 p1732 A67-22931
Lower bounds to the critical Rayleigh number in completely confined regions. 17 p2968 A67-32410
A study of seeded rotating arcs. 21 p3674 A67-38885
- OSTREIKO, G. N.**
Generator for powerful pulses of complex shape /Generator moshchnykh impul'sov slozhnoi formy/. 03 p0388 A67-14267
- OSTRIKER, J. P.**
On the stability of differentially rotating bodies. 17 p2947 A67-32756
- OSTROBORODOVA, V. V.**
Impurity photoconductivity spectra of p-type germanium with Ga, Hg, Au, and Ni impurities. 10 p1693 A67-23583
- OSTROVERKHOVA, V. S.**
Study of the temperature-dependence of the stresses leading to the onset of dislocations in a nickel alloy with 17 at. percent chromium /Izuchenie temperaturnoi zavislivosti napriazheniia starta dislokatsii v splave nikella s 17 at. percent khroma/. 20 p3471 A67-37558
- OSTROVITIANOV, R. V.**
Angular noise. 03 p0368 A67-13275
- OSTROVSKAIA, G. V.**
Holographic investigation of a laser spark. 01 p0087 A67-10234
Measurement of electron temperature and concentration in an arc plasma via Thomson scattering of laser light. 03 p0437 A67-13209
Investigation of air sparks by two synchronized lasers. 06 p1010 A67-18090
Laser spark holography with time resolution /Golografirovaniie lazernoi iskry s vremennym razresheniem/. 06 p1006 A67-18786
Spectroscopic studies of a laser spark. 09 p1512 A67-22010
Time-resolved holography of laser-produced plasmas. 18 p3044 A67-33728
- OSTROVSKAIA, L. IA.**
Level population in pulsed argon-ion laser. 17 p2867 A67-32452
- OSTROVSKAIA, V. Z.**
Coherent radiation from p-n junctions in indium arsenide-phosphide. 01 p0087 A67-10101
- OSTROVSKII, D. B.**
Distribution of the modulus of the directivity characteristic /O raspredelenii modulia kharakteristiki napravlenosti/. 07 p1143 A67-19596
The distribution of the modulus of the directivity characteristics. 20 p3384 A67-37335
- OSTROVSKII, I. E.**
Backscattering of centimeter waves from a ruffled sea surface at small angles of slip /Obratnoe rasselanie santimetrovyykh radiovoln v zvolnovannoi poverkhnosti'moria pri malykh uglakh skol'zheniia/. 05 p0761 A67-16345
- OSTROVSKII, I. W.**
Influence of the state of the sea surface upon the spatial characteristics of scattered radio signals. 08 p1294 A67-20819
- OSTROVSKII, I. U. I.**
Holographic investigation of a laser spark. 01 p0087 A67-10234
Photography in coherent light - Experimental technique and resolution of the method /Fotografirovaniie v kogerentnom svete - Eksperimental'naiia tekhnika i razreshaiushchala sposobnost' metoda/. 01 p0063 A67-10355
Laser resolvometry /Lazernaia rezolvometriia/. 01 p0091 A67-10832
Laser spark holography with time resolution /Golografirovaniie lazernoi iskry s vremennym razresheniem/. 06 p1006 A67-18786
Coherent light photography - Experimental technique and resolving power. 11 p1794 A67-25028
Time-resolved holography of laser-produced plasmas. 18 p3044 A67-33728
- OSTROVSKII, I. U. N.**
Heat-transfer mechanism in the boiling of binary mixtures /K mekhanizmu teploobmena pri kipenii binarnykh smesel/. 17 p2969 A67-32458
- OSTROW, S. M.**
On the ionospheric F2-region equatorial anomaly and the geomagnetic field. 20 p3426 A67-36289
- OSTROWSKI, R.**
Crack detection by the color-defectoscopy method /Wykrywanie pęknięć metodą defektoskopii barwnej/. 18 p3045 A67-33739
- OSVENSII, V. B.**
Effect of dislocations on the structure of diffusion p-n junctions in gallium arsenide and on the parameters of its recombination radiation /Vliianie dislokatsii na strukturu diffuzionnykh p-n-perekhodov v arsenide galliia i parametry rekombinatsionnogo izlucheniia/. 19 p3300 A67-34768
Measuring the high-temperature microhardness of semiconductors. 22 p3804 A67-40302
- OSWALD, R. B., JR.**
Fracture of silicon and germanium induced by pulsed electron irradiation. 04 p0685 A67-15694
Pulsed electron beam dosimetry. 04 p0625 A67-15711
- OSWATITSCH, K.**
Lagrange representation of hydrodynamic equations under the assumption of small perturbations /Die Lagrange-Darstellung der hydrodynamischen Gleichungen unter der Voraussetzung kleiner Störungen/. 13 p2094 A67-26644
Thrust and drag with heat input into supersonic flow /Schub und Widerstand bei Waermeszufuhr in Ueberschallstroemung/. 21 p3563 A67-37887
- OTA, M.**
Response of stationary random noise input containing regular signal component to mean squaring circuit. 05 p0783 A67-16446
- OTEY, G. R.**
Unsteady discharge of a viscous gas from a duct. 19 p3172 A67-35780
- OTHMER, P. W.**
Local radiation equilibrium temperatures in semigray enclosures. [AIAA PAPER 67-211] 06 p1115 A67-18327
Local radiation equilibrium temperatures in semigray enclosures. [AIAA PAPER 67-211] 19 p3344 A67-34820
- OTIS, D. R.**
A source model for predicting the drag force on a moving arc column. [AIAA PAPER 67-97] 06 p0986 A67-18280
A source model for predicting the drag force on a moving arc column. 08 p1356 A67-20579
- OTMAKHOV, I. U. A.**
Electromagnetic beam propagation in gyrotropic media. 02 p0192 A67-11641
Combination processes in distributed traveling wave systems /Kombinatsionnye protsessy v raspredelennykh sistemakh begushchel volny/. 05 p0762 A67-16355
- OTOSHI, T. Y.**
Ground instrumentation for Mariner IV occultation experiment. 18 p3049 A67-34498
- OTSAP, B. A.**
A pressure insensitive fluidic temperature sensor. 14 p2318 A67-28345
Application of fluidics to ramjet control systems. 17 p2927 A67-31981
A fluidic fuel control system for an advanced ramjet engine. [AIAA PAPER 67-497] 18 p3113 A67-33961
- OTSUKA, E.**
Temperature and stress dependence of electron lifetime in p-type semiconductors between 1.5 and 4.2 deg K. 02 p0301 A67-12523
Cyclotron resonance study of electron scattering by neutralized acceptors in Si and Ge. 06 p1063 A67-18939
- OTSUKA, I.**
Analog-to-code converter using unijunction transistors. 16 p2636 A67-30900
- OTSUKA, M.**
A high resolution echelle monochromator and its application to ion temperature measurement of He plasma. 04 p0663 A67-14767
Quiescent DC discharge in cusp fields of TP-D machine. 19 p3274 A67-35104
- OTSUKA, S.**
On the relation between the distributions of exit flow angle and axial velocity ratio in the cascade flow. 05 p0791 A67-16428
On the application limit of the inviscid small-perturbation theory to the secondary flow in cascades. 08 p1275 A67-20406
An experiment about the effect of aspect ratio on cascade performances. 09 p1437 A67-21742
- OTT, G.**
Compact encoding of stationary Markov

- sources. 12 p1919 A67-26085
- OTT, M.**
Application of flow-mechanical amplification technology to jet-engine control systems /Anwendung der stromungsmechanischen Verstaerkertechnik in Regelsystemen fuer Strahltriebwerke/. 06 p0949 A67-17611
- OTT, R. H., JR.**
The determination of the orientation of a uniformly rotating or rapidly rotating vehicle utilizing the outputs from solar sensors and a lateral magnetometer. 08 p1409 A67-20538
- OTT, W.**
Static potential distributions in the single emitter diode. 11 p1764 A67-24373
Investigation of a caesium plasma diode using an electron beam probing technique. 20 p3496 A67-36329
- OTTE, H. M.**
X-ray study of wire-drawn niobium and tantalum. 01 p0095 A67-10686
An X-ray diffraction study of polycrystalline brass deformed in tension. 18 p3064 A67-34084
Formation of stacking faults in polycrystalline brass during tensile deformation. 21 p3645 A67-38090
- OTTEMANN, J.**
Composition and origin of tektites and impactites /Zusammensetzung und Herkunft der Tektite und Impaktite/. 12 p1903 A67-25430
Genterite, Cu sub 8 Fe sub 3 Cr sub 11 S sub 18, a new mineral from the Odessa meteorite. 20 p3529 A67-37526
- OTTEN, D. D.**
A look into strap-down guidance design. I. 01 p0110 A67-10489
A look into strap-down guidance design. II. 03 p0465 A67-13364
- OTTEN, E.-W.**
Determination of the nuclear dipole moments of super 171 Yb and super 173 Yb by optical pumping /Bestimmung der Kerndipolmomente von super 171 Yb und super 173 Yb durch optisches Pumpen/. 10 p1665 A67-23479
- OTTERMAN, J.**
Surface pressures in the Martian highlands and low-lands. 10 p1706 A67-22957
Developments in the microhill hypothesis for the Martian wave of darkening. 11 p1859 A67-24223
- OTTING, W.**
Total carbon content and primordial rare gases in chondrites. 24 p4236 A67-42641
- OTTINGER, R. W.**
The effect of hard limiting in the presence of large out-of-band interfering signals. 21 p3586 A67-38955
- OTTLINGER, J. A.**
Circuit tolerance analysis with the digital computer. 15 p2440 A67-29938
- OTTO, A.**
Theory of plasmon excitation in thin films by electrons of non-normal incidence. 21 p3686 A67-39135
- OTTO, A. E.**
Development and performance of an LH sub 2 heat exchanger for servicing the S-II stage. 17 p2954 A67-32011
- OTTO, D. R.**
A closed-form solution for a gliding lateral turn at constant height. 09 p1441 A67-22488
A partially closed form solution to the three dimensional trajectory with constant thrust. 10 p1709 A67-23484
- OTTO, D. V.**
The admittance of cylindrical antennas driven from a coaxial line. 23 p3980 A67-41205
- OTTO, E. W.**
Static and dynamic behavior of the liquid-vapor interface during weightlessness. 04 p0605 A67-14988
- OTTO, G. N.**
Temperature dependence and model of the electro-optic effect in LiNbO sub 3. 22 p3863 A67-40235
- OTTS, J. V.**
Electronic simulation of apparent weight in force controlled vibration tests. 23 p3987 A67-41383
- OTVECHALIN, A. I.**
Experimental study of the stress concentration around a circular hole in an orthotropic cylindrical shell /Eksperimental'noe issledovanie kontsentratsii napriazhenii okolo krugovogo otverstia v ortotropnoi tsilindricheskoj obolochke/. 12 p2021 A67-25579
- OUALID, J.**
Study of a particular photothermal effect in semiconductors /Etude d'un effet photothermique particulier dans les semiconducteurs/. 19 p3304 A67-35461
- OUCHART, A.**
Voltage fluctuations produced by turbulence at the liquid-metal contact /Fluctuations de potentiel produites par turbulence au contact liquide-metal/. 09 p1490 A67-22576
- ODIN, J.**
Diane and satellite tracking /Diane et la poursuite des satellites/. 21 p3587 A67-39052
- OUTERBRIDGE, J. S.**
Vestibularly driven head movements in man. 23 p3959 A67-41659
- OUTLAW, D. E.**
Packaging failures in aerospace equipment. 05 p0779 A67-17468
- OUTLAW, R. A.**
Ultrahigh vacuum produced by a combination of turbomolecular and titanium sublimation pumping. 06 p0950 A67-17752
- OUTMAN, V.**
Simulation testing in a space environment - An assessment. [AIAA PAPER 65-474] 04 p0598 A67-15229
- OUTSU, J.**
VLF radio noise in the ionosphere observed by Japanese sounding rockets. 05 p0763 A67-16868
- OVCHARENKO, V. A.**
Average diffusion cross-sections for elastic collisions of electrons with atoms. 09 p1534 A67-21864
Choice of optimum Mach number for a flow of a nonequilibrium helium-caesium plasma in an MHD generator duct /Vybor optimal'nogo chisla Makha pri techenii neravnovesnoi geliievo-tsezevovoi plazmy v kanale MGD generatora/. 16 p2604 A67-30570
- OVCHAROV, V. T.**
Maximum values of the electronic efficiency of a traveling wave tube and their dependences on the dimensionless and dimension parameters of the tube. 11 p1764 A67-24465
- OVCHINNIKOV, A. P.**
Adsorption and electron emission of potassium films on faces of a tungsten single crystal. 20 p3504 A67-36165
Convective stability of fluid in a cubic chamber /Konvektivnaya ustoiichivost' zhidkosti v kubicheskoi polosti/. 20 p3422 A67-37064
- OVCHINNIKOV, I. U. N.**
Absorption of a high frequency field in pure superconducting films. 03 p0501 A67-14373
Tunnel effect between superconductors in an alternating field /Tunnel'nyi effekt mezhdu sverkhprovodnikami v peremennom pole/. 05 p0853 A67-16697
Tunnel effect between superconductors in an alternating field. 15 p2530 A67-29868
- OVCHINNIKOV, V. P.**
Setup for determining radiative capacity of materials at high temperature /Ustanovka dlia opredeleniia izluchatel'noi sposobnosti materialov pri vysokikh temperaturakh/. 09 p1497 A67-21877
- OVCHINNIKOVA, S. V.**
Additional component for a conventional single-beam photometer to compensate noise due to turbulent fluctuations of the beam /Pristavka k obychnym odnoluchevym fotometram dlia kompensatsii pomekh ot turbulentnykh fluktuatsii svetovogo puchka/. 13 p2119 A67-26689
An attachment to the usual single-beam photometers for the compensation of errors due to turbulence fluctuations of the light beam. 21 p3627 A67-38431
- OVECHKIN, G. V.**
Determination of a coefficient characterizing the vaporization rate and diffusion of a chemical element in an arc discharge plasma /Opredeleniie koeffitsienta, kharakterizuiushchego skorost' ispareniiia elementa i ego diffuziiu v plazme dugovogo razriada/. 02 p0279 A67-12743
- OVECHKIN, I. U. A.**
Observation of thermal fields in semiconductor devices. 06 p0970 A67-18193
- OVERCAMP, T. J.**
Pressure distribution and bubble formation induced by longitudinal vibration of a flexible liquid-filled cylinder. [ASME PAPER 67-FE-1] 14 p2304 A67-28354
Critical flow rate of two-phase nitrogen. 22 p3784 A67-39967
- OVERINGTON, I.**
Photographic techniques for the study of atmospheric attenuation in air to ground viewing. 20 p3441 A67-36399
- OVERMAN, D. L.**
Developing low cost, accurate mechanical timers. [ASME PAPER 67-DE-39] 14 p2321 A67-28877
- OVERMIER, D. K.**
Development of airframe heat protection for a high performance sounding rocket. 08 p1425 A67-20528
Development of airframe heat protection for a high-performance sounding rocket. 24 p4256 A67-42914
- OVERMYER, E. J.**
The role of air conditioning and refrigeration in the air cargo industry. 06 p0981 A67-18566
- OVERTON, G. D. N.**
Secondary ionization processes in mercury vapour. 19 p3285 A67-35090
- OVERTON, J. D.**
A real-time display system for ground monitoring of manned spaceflight. 09 p1483 A67-21677
- OVEZGELDYEV, O.**
Relation of E sub s to magnetic activity /O svyazi E sub s s magnitnoi aktivnost'iu/. 02 p0237 A67-11675
Investigation of stratification in E sub s and M and N reflections in the ionosphere /Issledovanie rassloeniia v E sub s i M, N otrazhenii v ionosfere/. 05 p0799 A67-17029
Investigation of h'E sub s and f sub 0 E sub s /Issledovanie variatsii h'E sub s i f sub 0 E sub s/. 05 p0800 A67-17129
Screening and semitransparent types of sporadic E layer /Ekraniruiushchie i poluprozrachnye tipy sporadicheskogo sloia E/. 15 p2474 A67-29387
Relation of E sub s to magnetic activity. 16 p2685 A67-31090
Study of the dependence of f sub 0 E sub s on f sub b E sub s /Issledovanie zavisimosti f sub 0 E sub s ot f sub b E sub s/. 20 p3428 A67-36762
Study of h'E sub s and f sub 0 E sub s variations. 21 p3618 A67-38472
Dependence of the maximum value of f sub 0 E sub s on the duration of continuous incidence of E sub s /Zavisimost' maksimal'nogo znachenii f sub 0 E sub s ot vremeni nepreryvnogo sushchestvovaniia E sub s/. 21 p3623 A67-39039
- OVSEICHUK, E. A.**
Effect of the degree of deformation on the superconducting properties of niobium and vanadium /Vlianie stepeni deformatsii na sverkhprovodlashchie svoistva niobia i vanadiia/. 04 p0686 A67-15986
Effect of the degree of deformation on the superconducting properties of niobium and vanadium. 14 p2366 A67-28489
Superconducting properties of vanadium-niobium alloys /Sverkhprovodlashchie svoistva spлавov vanadiia s niobiem/. 17 p2874 A67-32973
- OVSIAINKIN, M. A.**
Preliminary results of determining the anisotropy of large ionospheric inhomogeneities using the radioastronomy method. 11 p1787 A67-24477
- OVSIAANNIKOV, B. M.**
The use of the Zenit-2 electronic computer for regulating the temperature during hot mechanical tests. 11 p1877 A67-24818
Mechanical properties of the EI827 alloy at low temperatures. 12 p1955 A67-25370
- OVSIAANNIKOV, B. V.**
Energy transfer by circulatory and Coriolis forces in centrifugal and axicentrifugal compressors /K voprosu o peredache energii v tsentrobezhnykh i osentsentrobezhnykh nasosakh tsirkulatsionnymi i koriolisovymi silami/. 04 p0690 A67-15897
- OVSIAANNIKOV, M. I.**
Properties of epitaxial silicon films grown by vacuum evaporation. 03 p0498 A67-13869
- OVSIAANNIKOV, M. P.**
Flow rate and pressure coefficients on the surface of a conical flow at hypersonic velocities /O koeffitsiente rashkoda i davleniia po poverkhnosti toka konicheskogo techeniia pri glipervzvukovykh skorostiakh/. 14 p2243 A67-28656

- OVSIAANNIKOV, R. N.**
Motion of a body of variable mass with an exponentially decreasing jet power /O dvizhenii tela peremennoi massy s eksponentstal'no ubyvalushchei moshchnost'iu reaktivnoi strui/. 24 p4240 A67-42296
- OVSIIENKO, D. E.**
Effect of the concentration of silicon on the substructure of aluminum monocrystals /Vliianie kontsentratsii kremnii na substrukturnu monokristallov aluminia/. 05 p0827 A67-16075
- OWAKI, M.**
Elf noise-bursts and enhanced oscillations associated with the solar-flare of July 7, 1966. 10 p1700 A67-23057
- OWCZARSKI, W. A.**
Diffusion welding of commercially pure titanium. 19 p3234 A67-34792
Further heat-affected-zone studies in heat-resistant nickel alloys. 22 p3819 A67-39449
- OWEN, B.**
The space-charge varactor and its applications. 15 p2449 A67-29804
- OWEN, D. R.**
Nearly viscometric flows. 15 p2469 A67-29222
- OWEN, E. A.**
A fluidic actuator for direct digital control. 23 p3942 A67-41710
- OWEN, H. A., JR.**
Application of diode break-point analysis and worst-case design techniques to the development of a high-speed transmission gate. 14 p2287 A67-28686
- OWEN, K.**
The radiative band pinch effect and temperature dependence of radiative recombination in GaAs. 20 p3460 A67-37106
- OWEN, S. J. T.**
A review of semiconductor heterojunctions. 06 p1053 A67-18756
- OWEN, T.**
The composition and surface pressure of the Martian atmosphere - Results from the 1965 opposition. 02 p0323 A67-11695
An identification of the 6800-angstrom units methane band in the spectrum of Uranus and a determination of atmospheric temperature. 03 p0515 A67-14327
Comparisons of laboratory and planetary spectra. IV. 08 p1397 A67-21213
On the abundance of ethane in the atmospheres of Jupiter and Saturn. 08 p1398 A67-21218
Jupiter's atmosphere - Its structure and composition. 16 p2746 A67-30932
- OWEN, T. B.**
Some low-speed wind-tunnel techniques for the measurement of oscillatory aerodynamic derivatives on jet-blowing models. 06 p0979 A67-17919
- OWENS, A. R.**
Losses in parametric delay lines used for signal processing. 01 p0027 A67-11323
- OWENS, J. C.**
Optical refractive index of air - Dependence on pressure, temperature and composition. 05 p0838 A67-18783
- OWENS, R. A.**
Quantitative reliability prediction. 01 p0085 A67-11379
- OWENS, W. K.**
Large scale integration of arithmetic functions utilizing picosecond circuits. 15 p2452 A67-29936
- OWER, E.**
The Measurement of Air Flow. /4th Edition/. 08 p1321 A67-20759
- OWREN, L.**
Two lunar occultations of the Crab Nebula. 10 p1705 A67-22941
Radio-star scintillations and spread F in the auroral zone. [AGARDOGRAPH 95] 15 p2482 A67-30289
- OXLEY, T. H.**
Metal-gallium arsenide diodes as mixers. 10 p1815 A67-23528
- OYA, H.**
Measurement of ionospheric electron density by gyro plasma probe. 01 p0064 A67-10566
Plasma measurements in the upper atmosphere with the impedance probe. 05 p0798 A67-16861
Measurements of ionospheric electron density by gyro-plasma probe. 10 p1648 A67-23291
Gyro-plasma probe measurement of the electron density in the transition region between the ionosphere and the magnetosphere. 19 p3229 A67-35201
Observation of the micro-structure of the ionospheric electron density profile by gyro-plasma probe. 19 p3217 A67-35202
Rocket measurement of the ionospheric plasma by gyro-plasma probe. 22 p3793 A67-40043
Recombination coefficient of the upper-E and F sub 1 regions deduced from the electron density profile at sunset measured by rocket borne gyro-plasma probe. 22 p3793 A67-40044
- OYAMA, J.**
Reproduction and growth of mice and rats under conditions of simulated increased gravity. 10 p1598 A67-23416
- OYAMA, V. I.**
Pyrolysis gas chromatography application to life detection and chemotaxonomy. 20 p3378 A67-37500
- OZAWA, M.**
Amplification of microwaves by the interaction of an electron beam with a cesium plasma. 13 p2186 A67-26726
Amplification of microwaves by the interaction of an electron beam with a cesium plasma. 21 p3668 A67-38605
- OZAWA, Y.**
Spatially constant /sigma uB super 2 /p/ type of MHD generator. 09 p1442 A67-21799
- OZERNOI, L. M.**
Relativistic electrons in Galaxy M82. 02 p0310 A67-12578
Is a quasar nucleus a star cluster or a single body/ques/. 20 p3521 A67-36297
- OZERNYI, V. M.**
Method for investigating the reliability of complex logic-control systems by a statistical-analog technique /Ob odnom sposobe issledovaniia nadezhnosti slozhnykh sistem logicheskogo upravleniia metodom statisticheskogo modelirovaniia/. 23 p3985 A67-41670
- OZHEREDOV, A. D.**
The heat-stimulated currents and the "quenched" conductivity in the film system CdS-SiO sub x. 24 p4203 A67-42246
- OZHIGANOVA, I. A.**
Optimality and invariance conditions for a linear free-time problem /Uslovia optimal'nosti i invariantnosti dlia lineinoi zadachi so svobodnym vremenem/. 20 p3412 A67-37582
- OZOLINS, L.**
The frequency-modulation feedback system for the lunar-orbiter demodulator. 06 p0975 A67-18108
- OZSVATH, I.**
Homogeneous Lichnerowicz universes. 12 p1962 A67-26178

P

- PABST, O. E.**
VTOL aircraft development on the VJ 101 C. 19 p3173 A67-35522
- PACANOWSKY, E. J.**
Designing propellants for gas generators. 15 p2544 A67-29980
Improved solid propellants for moderate-temperature gas generators. 24 p4207 A67-42921
- PACE, N.**
Chronic intravascular catheterization - A technique for implanting and maintaining arterial and venous catheters in laboratory primates. 10 p1601 A67-23627
- PACELA, A. F.**
Collecting the body's signals. 17 p2807 A67-32668
- PACEY, P. D.**
Vibrational population-inversion and stimulated emission from the continuous-mixing of chemical reagents. 09 p1511 A67-21746
Infrared chemiluminescence in the systems H plus Br sub 2 and H plus HBr. 18 p2996 A67-33786
- PACHELSKI, W.**
Topocentric velocity of the artificial earth satellite. 15 p2556 A67-29745
- PACHNER, J.**
Relativistic cosmology /Relativistickakosmologie/. 09 p1563 A67-21652
Spherically symmetric problems in general relativity. 21 p3707 A67-36962
Origin of galaxies in an oscillating relativistic world model. 22 p3892 A67-40496
- PACIONE, G.**
Aeroelastic phenomena and analytic methods in modern aeronautical technology /I fenomeni aeroelastici e i metodi di analisi nella moderna tecnica aeronautica/. 23 p4077 A67-41046
- PACKARD, J. N.**
Nanosecond laser imaging. 08 p1337 A67-20683
- PACKARD, R. F.**
The role of the diplomat. 12 p2040 A67-25235
- PACZOSKI, J.**
Experimental and theoretical determination of the critical speed of 480 x 200, 660 x 160, 660 x 200, and 500 x 180 tires /Doswiadczalne i teoretyczne wyznaczenie predkosci krytycznej opon 480 x 200, 660 x 160, 660 x 200 i 500 x 180/. 16 p2596 A67-31002
The influence of wheel acceleration on the operation of an aircraft landing gear /Wplyw rozkrecania sie kola na prace podwozia lotniczego/. 21 p3566 A67-37949
- PADALKA, V. G.**
Peculiarities of the interaction of an accelerated plasma with a transverse magnetic field /Osobennosti vzaimodeistvii bystroj plazmy s poperechnym magnitnym polem/. 02 p0277 A67-12618
Investigation of plasmoid motion in a nonuniform transverse magnetic field /Issledovanie dvizheniia plazmennogo sguska v neodnorodnom poperechnom magnitnom pole/. 02 p0278 A67-12623
Interaction of a fast plasma with a transverse magnetic field. 13 p2170 A67-27374
Motion of a plasmoid in a nonuniform transverse magnetic field. 13 p2170 A67-27379
Investigation of the dielectric susceptibility of a plasma moving through a transverse magnetic field. 22 p3845 A67-39424
- PADDOCK, D. A.**
A new thermal radiative flux gage. 11 p1792 A67-24821
- PADERNO, IU. B.**
Nature of the thermal conductivity of the carbides of some group IV and V transition metals /O prirode teploprovodnosti karbidov nekotorykh perekhodnykh metallov IV i V grupp/. 11 p1804 A67-23902
Some physical properties of alloys of the ZrC-NbC and TaC-HfC systems /Nekotorye fizicheskie svoistva spлавov sistem ZrC-NbC i TaC-HfC/. 11 p1804 A67-23904
- PADERNO, V. N.**
Some physical properties of alloys of the ZrC-NbC and TaC-HfC systems /Nekotorye fizicheskie svoistva spлавov sistem ZrC-NbC i TaC-HfC/. 11 p1804 A67-23904
- PADET, J.-P.**
Local study of the temperature field on the microgeometry of the contacting surfaces of two juxtaposed materials /Etude locale du champ de temperature sur la microgeometrie des surfaces en contact de deux materiaux accolés/. 05 p0926 A67-16596
- PADILLA, A.**
Film boiling of potassium on a horizontal plate. [AICHE PAPER 28] 20 p3552 A67-36832
- PADLEY, P. J.**
Kinetic studies of ionization and recombination processes of metallic additives to flames. 18 p3107 A67-33806
- PADLOG, J.**
A discrete element procedure for thin-shell instability analysis. 05 p0925 A67-17352
- PADOVANI, F. A.**
Differential resistance peaks of Schottky barrier diodes. 19 p3198 A67-36042
- PADRON, R. I.**
Biosatellite photo-optical instrumentation for the 30-day orbiting primate mission. 16 p2680 A67-31806
- PADUCHIKH, L. I.**
Recombination radiation of gallium antimonide p-n junctions. 04 p0681 A67-15297
- PADUR, J. P.**
A spectroscopic study of the chemiluminescent reaction of germanium tetrahydride with atomic oxygen. 06 p0955 A67-17655
The chemiluminescent reactions of atomic oxygen with carbonyl sulfide and hydrogen sulfide. 14 p2260 A67-28781
Reflectance and relative transmittance of laser-deposited iridium in the vacuum ultraviolet. 18 p3059 A67-33885

PAEK, Z. P.

Changes of water-salt metabolism under conditions of 62-day hypokinesia /Izmenenie vodno-solevogo obmena v usloviakh 62-sutochnoi gipokinezii/. 16 p2613 A67-30916

PAFFRATH, L.

A moire fringe method of Fabry-Perot spectrometer scanning. 23 p4001 A67-41258

PAGANI, A.

Secondary electron emission of gallium arsenide monocrystals /Emission electronique secondaire de monocristaux d'arseniure de gallium/. 14 p2367 A67-28516

PAGANI, C. D.

Variational approach to rarefied flows in cylindrical and spherical geometry. 13 p2101 A67-26966

PAGANO, F.

Vacuum Engineering. 23 p4028 A67-41353

PAGANO, N. J.

Elasticity. 14 p2395 A67-27891

PAGE, A. E. V.

Aircraft systems and equipment. 22 p3748 A67-40132

PAGE, D. F.

Radiation hardening of MOS transistors for low ionizing dose levels. 04 p0589 A67-15714
The CHEC system - Towards automatic selection of optimum communications channels. 22 p3760 A67-39664

PAGE, E. A.

Super jet pulse-taker. 16 p2596 A67-31493

PAGE, F. B.

Launch time prediction with mathematical appendix. [AIAA PAPER 67-906] 24 p4244 A67-43013

PAGE, H.

Launching a surface wave over the earth. 22 p3763 A67-40315

PAGE, R. H.

Apparatus for studies of supersonic axisymmetric base flow. 02 p0230 A67-12361
Reattachment of two-dimensional supersonic turbulent flows. [ASME PAPER 67-FE-20] 14 p2305 A67-28367
Color schlieren studies of transient flows with high speed motion picture photography. 20 p3445 A67-36537

PAGE, R. J.

3-KW concentric tubular resistojet performance. [AIAA PAPER 66-224] 02 p0302 A67-11937
Ten-millipound resistojet performance. [AIAA PAPER 67-664] 21 p3690 A67-38699

PAGEL, B. R.

Cooling requirements for intrinsic photoconductive infrared detectors. 06 p1005 A67-18713

PAGES, M. J. J.

Antigravity - Demassification /Gravitation antiponderale - Demassification/. 16 p2703 A67-31764
Weightless gravitation - The electromagnetic Magnus effect. I /Gravitation antiponderale - Effet Magnus electro-magnetique. I/. 20 p3484 A67-36821

PAGET, F. M.

Mechanical aspects of variable sweep wings. [SAE PAPER 670882] 24 p4094 A67-42016

PAGIOLA, E.

Theory of the influence of surface states on the impedance of a semiconductor-insulator interface. 03 p0487 A67-12810

PAGNIA, H.

Surface effects on the electrical conductivity of InSb thin films /Einflüsse der Oberfläche auf die elektrische Leitfähigkeit dünner InSb-Schichten/. 04 p0683 A67-15650

Thermal production of acceptors in indium antimonide /Zur thermischen Erzeugung von Akzeptoren in Indiumantimonid/. 04 p0683 A67-15651

Optically and thermally excited current-carrier exchange with surface centers of GaAs /Optisch und thermisch angeregter Ladungsträgeraustausch mit Oberflächencentren von GaAs/. 07 p1232 A67-19564

Thermally induced electrically effective defects in indium antimonide /Thermisch induzierte, elektrisch wirksame Störstellen in Indiumantimonid/. 24 p4204 A67-42577

PAGNIER, P.

Series of balloon launchings on signal at Port Aux Français /Kerguelen Archipelago/ - January 17-February 11, 1966 /Campagne de lancers de ballons sur alerte à Port Aux Français /Archipel des Kerguelen/ - 17 janvier-11 février 1966/. 04 p0614 A67-14900

PAI, H.-N.

Influence of magnetic field on surface field-effect in germanium. 15 p2533 A67-29263

PAI, S. I.

A uniform flow of a radiating gas over a flat plate. 04 p0737 A67-15863

Quasi-one-dimensional analysis of magnetogasdynamics. 09 p1540 A67-21792

[AFOSR-67-1000] Nonequilibrium effects on energy transfer in an ionized fluid flow. 11 p1780 A67-24537

PAI, S.-I.

Modern aspects of radiation magnetogasdynamics. 12 p1975 A67-25889

PAIDOUSSIS, M. P.

Dynamics of flexible slender cylinders in axial flow. I. II. 05 p0920 A67-16815

PAIEWONSKY, B.

Three-dimensional time-optimal rendezvous. 02 p0330 A67-11924

On optimal control with bounded state variables. 21 p3604 A67-38443

Optimization of energy storage for solar space power. 24 p4108 A67-42543

PAIGE, E. G. S.

Optical absorption due to free holes in germanium - A comparison of theory and experiment. 05 p0869 A67-17192

The anomalous temperature dependence of infra-red absorption in p-type germanium. 06 p1060 A67-18913

Some aspects of non-ohmic conduction. 06 p1065 A67-18952

PAIGE, H. W.

Recent flight experience of earth-orbiting gravity gradient stabilization systems. 02 p0334 A67-12362

Cislunar transportation in the fiscal year 2001. 13 p2213 A67-27507

Flight experience and application of earth-orbiting gravity gradient stabilization systems. 16 p2758 A67-30663

PAIK, S. F.

Potential distribution in collisionless plasmas in a weak magnetic field. 08 p1365 A67-21412

Slow-wave parametric pumping of the electrostatic wave in a plasma. 18 p3091 A67-34643

PAIKEN, M.

The selection of an optimum spinning space station configuration using a gyro torquer control. 17 p2955 A67-32477

PAILHAS, L.

The supersonic aircraft and air traffic control. 13 p2154 A67-26712

PAILLETTE, M.

Absorption induced by an intense light wave in various liquids /Absorption induite par une onde lumineuse intense dans différents liquides/. 19 p3240 A67-35420

PAIN, H. J.

Experiments on reflected shock waves in plasma flow-magnetic field interactions. 05 p0850 A67-16067

Electrode conduction processes and segmented electrode-insulator ratio effects in MHD power generation experiments. 09 p1539 A67-21785

Experiments on the internal impedance of an MHD generator /Opredelenie vnutrennego impedansa MGD-generatora/. 17 p2802 A67-32182

PAINE, J. P.

Some considerations on the use of lifting re-entry vehicles for synergetic maneuvers. [AIAA PAPER 66-960] 03 p0520 A67-14141

Use of lifting re-entry vehicles for synergetic maneuvers. [AIAA PAPER 66-960] 13 p2212 A67-26846

PAINTER, J. H.

Designing pseudorandom coded ranging systems. 07 p1145 A67-19889

Aerothermodynamic testing of heat protective systems in an arc tunnel. 15 p2466 A67-29538

PAISOV, A. I.

Effect of the rate of cooling from the homogenization temperature on the structure and properties of the alloy KhN77TiUr /E1437B/. 07 p1199 A67-19241

PAK, B.-S.

Increase effects and anomalous daily variation during cosmic-ray storms. 23 p4050 A67-40695

PAK, S. A.

A priori estimates for solutions to boundary-value problems for second-order

ordinary differential equations /Ob apriornoi otsenke reshenii kraevykh zadach dlia obyknovennykh nelinnykh differentsial'nykh uravnenii vtorogo poriadka/. 20 p3479 A67-37719

PAKENDORF, H.

Optimization of the power plant of a short-range aircraft, taking special account of high bypass ratios /Zur Optimierung der Triebwerksanlage eines Kurzstreckenflugzeuges - Unter besonderer Berücksichtigung hoher By-Pass-Verhältnisse/. 04 p0687 A67-14530

PAKER, Y.

Crystal stabilisation of a stable-multivibrator frequency. 20 p3384 A67-37211

PAKHAREVA, N. A.

Solution of a boundary-value problem in the axisymmetric potential theory for a three-dimensional layer /Reshenie odnoi kraevoi zadachi osesimmetrichnoi teorii potentsiala dlia prostranstvennogo sloia/. 17 p2885 A67-32882

PAKHOMOV, L. N.

Study of a laser based on neodymium-activated glass with external feedback /Issledovanie opticheskogo kvantovogo generatora na stekle aktivirovannom neodimom s vneshnei obratnoi svyaz'yu/. 06 p1012 A67-18782

Investigation of a neodymium glass laser with a spherical mirror resonator /Issledovanie OKG na neodimovom stekle s rezonatorom iz sfericheskikh zerkal/. 06 p1012 A67-18783

Obtaining a traveling-wave regime in a complex optical resonator /K voprosu o polucheni rezhima begushchei volny v slozhnom opticheskome rezonatore/. 07 p1196 A67-19600

Investigation of a neodymium-glass laser with external feedback. 18 p3059 A67-33724

Investigation of a neodymium-glass laser with spherical mirrors. 18 p3059 A67-33725

Traveling wave operation in a complex optical resonator. 20 p3462 A67-37339

PAKHOMOV, L. P.

Absorption of electromagnetic waves in a plasma at frequencies near harmonics of the electron cyclotron frequency. 20 p3498 A67-36692

Microwave production of a plasma in a trap. 23 p4035 A67-41684

An experiment to test the hypothesis of the antimatter nature of meteoric swarms. 23 p4069 A67-41689

PAKHOMOV, P. A.

Spectroscopic study of disintegrating helium plasmas at 20 deg K. 14 p2358 A67-28247

PAKHOMOV, P. L.

Spectroscopic study of a disintegrating helium plasma at 20 deg K /Spektroskopicheskoe issledovanie raspadalushcheisya gelievoi plazmy pri 20 deg K/. 09 p1544 A67-21918

PAKHOMOV, V. I.

Some singularities of electromagnetic radiation in anisotropic dispersive media. 08 p1294 A67-20821

PAKHOMOV, V. V.

The UVFD-1 flaw detector for the inspection of nonmetallic laminated structures and products. 09 p1502 A67-22096

PAKHOMOVA, L. A.

Angular distribution of reflected radiation according to IL-18 aircraft data of 1964 /Uglovoe raspredelenie otrazhennoi radiatsii po dannym poletov na samolete IL-18 v 1964 g./. 07 p1220 A67-19452

PAKIAM, J. E.

The effects of particle radiation from a disturbed sun on atmospheric electricity. 11 p1857 A67-25031

PAKKIR MOHAMMED, P. M.

A recording telethermometer for use at airports. 10 p1656 A67-23088

PAL, Y.

Primary cosmic-ray spectrum at high energies and spectra of gamma rays and muons in the atmosphere. 04 p0692 A67-14857

Steady state of cosmic-ray nuclei - Their spectral shape and path length at low energies. 19 p3317 A67-36099

PALADIN, G.

Design and applications of resonant transfer samplers between band-pass filters /Progetto ed applicazioni dei campionatori a trasferimento risonante tra filtri passa-banda/. 20 p3379 A67-36243

B-478

- PALAI, J. C.**
A complete solution of the inductive iris with TE sub k0 incidence in rectangular waveguide. 13 p2066 A67-26475
- PALATNIK, L. S.**
Oriented growth of lead selenide and telluride films. 01 p0128 A67-10089
Mechanism of formation, structure, and physical properties of thin films /Mechanismus der Bildung, Struktur und physikalische Eigenschaften duenner Schichten/. 02 p0285 A67-11704
Investigation of the structure of metal films by electron-diffraction and electron-microscope techniques /Untersuchung der Struktur metallischer Schichten nach dem elektronenmikroskopischen und Elektronenbeugungs-Messverfahren/. 02 p0285 A67-11705
Peculiarities of the substructure of thin metal films produced by condensation in vacuum /Besonderheiten der Substruktur duenner metallischer Schichten, die durch die Kondensation im Vakuum hergestellt sind/. 02 p0285 A67-11706
Microstructure and microhardness of evaporated films as a function of the condensation conditions /Mikrostruktur und Mikrohaerte von aufdampfschichten in Abhaengigkeit von den Bedingungen der Kondensation/. 02 p0286 A67-11707
Grain-oriented growth in beryllium condensates /O teksturakh rosta v kondensatakh berillia/. 04 p0641 A67-15979
Electronographic determination of the thermal expansion coefficients of thin films /Elektronograficheskoe opredelenie koeffitsientov termicheskogo rasshireniia tonkikh plenok/. 12 p1939 A67-25242
Change in coercive force of ferromagnetic films in the transition to the "supercritical" state /Ob izmenenii koertsitivnoi sily ferromagnitnykh plenok pri perekhode v "zakriticheskoe". 12 p1981 A67-25243
Preparation of PbTe films of variable composition. 14 p2372 A67-28823
Structure and properties of condensed films /Struktura i svoystva kondensirovannykh plenok/. 17 p2920 A67-32888
Deviations from stoichiometry and the solubility of impurities in semiconductors with stoichiometric vacancies /Otkloneniia ot stekhiometrii i rastvorimost' primesei v poluprovodnikakh so stekhiometricheskimi vakansiami/. 18 p3096 A67-33449
Study of the defects of reciprocally oriented polycrystalline bismuth-antimony films by the moire method /Izuchenie defektov polikristallicheskikh vzaimno orientirovannykh plenok vismut-sur'ma metodom muara/. 20 p3510 A67-36813
- PALAU, C.**
On the behaviour of the DCF-field. 06 p0994 A67-17639
Geomagnetic pulsations and auroral activity /Pulsazioni geomagnetiche ed attivita aurorale/. 15 p2474 A67-29505
- PALAZZINI, N.**
Medium scale integration. 18 p3014 A67-34552
- PALAZZO, C. J.**
A simulation technique to optimize the support resources of aircraft weapon systems from concept through production. [AIAA PAPER 66-785] 01 p0169 A67-10529
- PALAZZO, F. L.**
Airborne screening of reconnaissance imagery. 17 p2859 A67-32509
- PALCHEFF, G. L.**
Advanced materials and structures for entry systems. [AIAA PAPER 67-805] 24 p4251 A67-42964
- PALCHEVSKII, A. S.**
Calculation of cylindrical minimum-weight stringer shells in axial compression /Raschet tsilindricheskikh stringernykh obolochek minimal'nogo vesa pri osevom szhatii/. 02 p0340 A67-12662
Form of buckling of circular cylindrical shells under axial compression /O forme vypuchivaniia krugovykh tsilindricheskikh obolochek pri osevom szhatii/. 05 p0907 A67-16021
- PALCHIKOV, V. E.**
Method for injecting charged particles into magnetic traps /Ob odnom metode inzhektii zaryazhennykh chastits v magnitnye lovushki/. 01 p0122 A67-10350
A method of injecting charged particles into a magnetic trap. 11 p1844 A67-25023
- PALEEY, I. I.**
Phenomena of liquid transfer in two-phase dispersed annular flow. 04 p0602 A67-14641
- PALEEY, V. I.**
Applicability of the Saha-Langmuir equation to the temperature dependence of the positive-ion current in surface ionization of atoms on silicon. 09 p1554 A67-22006
Surface ionization of atoms and molecules on nonmetals. 19 p3264 A67-35083
- PALERMO, L. G.**
The influence of tailpipe length on flame stability. [ASME PAPER 67-GT-4] 11 p1853 A67-24792
- PALEY, P. N.**
Subsonic diffusers designed integrally with vortex generators. [AIAA PAPER 67-464] 18 p2983 A67-33935
- PALFALVI, A. IU.**
Slip casting of niobium carbide powders /Shlikernoe lit'e poroshkov karbida niobia/. 20 p3468 A67-36909
- PALFREEMAN, J. S.**
An opto-acoustic cross-correlator in radar signal detection. 19 p3195 A67-35550
- PALII, O. M.**
Supercritical deformation of elastoplastic cylindrical shells /Zakriticheskala deformatsiia uprugoplasticheskikh tsilindricheskikh obolochek/. 05 p0922 A67-17176
- PALIK, E. D.**
Transmission studies of plasma-resonance and plasma-cyclotron resonance in thin film polar semiconductors. 06 p1071 A67-18992
- PALISTRANT, M. E.**
Inclusion of Coulomb interaction in the two-zone model of a superconductor. 08 p1369 A67-20838
- PALKIN, S. N.**
Design of a light-gas gun with a light piston /Raschet legkogazovoi pushki s legkim porshnem/. 16 p2655 A67-31125
Methods of measuring velocity and photographing models during ballistic studies /Metody izmereniia skorosti i fotografirovaniia modelei pri ballisticheskikh issledovaniakh/. 16 p2674 A67-31126
Investigation of the ablation of low-melting models on a ballistic facility /Issledovanie unosa massy legkoplavkikh modelei na ballisticheskoi ustanovke/. 16 p2593 A67-31134
- PALL, D. B.**
Filtration up to spacecraft requirements. 21 p3570 A67-38103
- PALL, F. A.**
Some fracture considerations in the design and analysis of spacecraft pressure vessels. [ASM PAPER C6-2.3] 23 p4079 A67-41408
- PALLABAZZER, R.**
Magnetoplastic effect in non-Newtonian fluids. 01 p0126 A67-11188
Macroscopic solution of oscillatory burning of solid propellants. 08 p1373 A67-20774
Oscillatory flow through nozzles. 08 p1375 A67-20775
- PALLADINO, J. L.**
Mobility of a long cylindrical shell. 21 p3729 A67-39059
- PALLEI, Z. S.**
Design and structural strength of aircraft gas-turbine engines /Konstruktsiia i prochnost' aviatsionnykh gazoturbinnykh dvigatelei/. 17 p2928 A67-32564
- PALLONE, A.**
Measurements in laminar and turbulent near wakes. [AIAA PAPER 67-30] 07 p1126 A67-19432
- PALLONE, A. J.**
Convective stagnation-point heating for re-entry speeds up to 70,000 fps including effects of large blowing rates. 06 p0943 A67-18843
- PALLU DE LA BARRIERE, R.**
Methods of extending Pontriagin's principle /Sur les methodes d'extension du principe de Pontriagin/. 19 p3204 A67-35904
- PALM, A.**
Enhanced luminance of the moon. 23 p4065 A67-41004
- PALMATIER, E. D.**
Cosmic ray charge spectrometer. 02 p0247 A67-12695
- PALMEIRA, R. A. R.**
Solar modulation of galactic cosmic rays. 07 p1244 A67-19913
- PALMER, C. F.**
Human aspects in welding practice. 05 p0756 A67-16072
- PALMER, D. F.**
Effects of CW interference on narrow-band second-order phase-lock loops. 07 p1161 A67-19878
- PALMER, H. B.**
Approach to the steady state in competitive-consecutive gas reactions. 14 p2407 A67-28548
- PALMER, H. P.**
Radio diameter measurements with interferometer baselines of one million and two million wavelengths. 09 p1565 A67-21980
- PALMER, M. A.**
Molecular fluorescence accompanying the twilight injection of triethylborane into the upper atmosphere. 21 p3623 A67-39123
- PALMER, N. I.**
Low-temperature fuel cell systems. 20 p3363 A67-37013
- PALMER, P.**
A search for the lambda-doublet transition in the super 2 pi sub 1/2, J equals 1/2 state of OH. 13 p2198 A67-26715
Determination of electron temperatures from observations of radio lines. 24 p4225 A67-41825
- PALMER, R. L.**
Scattering of molecular beams of He, D sub 2, and H sub 2 from the /111/ plane of Ag. 13 p2099 A67-26948
- PALMER, R. W.**
Lightweight magnets for MPD arcs. [AIAA PAPER 67-686] 21 p3692 A67-38717
- PALMER, T. Y.**
Satellite pressure topography mapping. 02 p0262 A67-12367
The cloud melting zone and radiometric observations. [AIAA PAPER 67-188] 06 p1026 A67-18491
Radiometric observations and the cloud-melting zone. [AIAA PAPER 67-188] 23 p4025 A67-41747
- PALMOV, V. A.**
Thin shells acted on by broadband random loads. 01 p0163 A67-10995
- PALMY, C.**
Superconductivity and isotope effect in Be sub 22 X compounds and molybdenum. 11 p1848 A67-24582
- PALNE, E.**
Some deformation problems for a rod and a plate having residual stresses /Nekotorye zadachi deformatsii sterzhnia i plastiny, imelushchikh ostatochnye napriazheniia/. 06 p1107 A67-18633
- PALOCZ, I.**
A parallel-plate waveguide approach to microminiaturized, planar transmission lines for integrated circuits. 21 p3597 A67-38586
- PALOMBI, R.**
Ocular tension in hypoxia - Tonometric and tonographic investigations /Il tono oculare in ipossia - Indagini tonografiche/. 06 p0953 A67-17995
- PALOUS, M.**
Preliminary report on measurements with balloon-borne detectors in Northern Scandinavia during the solar proton event of July 7, 1966. 05 p0882 A67-16740
Balloon measurements of solar protons in northern Scandinavia on July 7, 1966. 19 p3312 A67-35175
- PALTOV, I. P.**
The variability index in evaluating the process quality in nonlinear systems. 20 p3409 A67-37200
- PALTRIDGE, G. W.**
The retention of atmospheric radioactivity by fibrous filters. 09 p1562 A67-22683
Seasonal behaviour of atmospheric pressure oscillations. 11 p1816 A67-24840
- PALUDAN, C. T. N.**
Remote sensing of phenomena on the Saturn vehicle. 14 p2320 A67-28700
- PALYVOS, J.**
Kinetic theory of dense-fluid mixtures. IV. 23 p4083 A67-41531
- PALYVOS, J. A.**
Self-diffusion in simple fluids. 06 p1035 A67-17989
Contribution to the friction coefficient from time correlations between hard and soft molecular interactions. 17 p2890 A67-33263
- PAMPURO, V. I.**
Analysis of the tolerances of the transfer constant of a transistor amplifier with multiloop feedback /Analiz dopuskov koeffitsienta peredachi tranzistornogo usilitelia s mnogopetlevoi obratnoi svyaz'iu/. 22 p3769 A67-39577

PAN, C. H. T.

On asymptotic analysis of gaseous squeeze-film bearings.
[ASME PAPER 66-LUB-11]

03 p0431 A67-13760

Thermal distortion of spiral-grooved gas-lubricated thrust bearing due to self-heating.
[ASME PAPER 66-LUB-10]

03 p0432 A67-13765

The infinitely long partial arc self-acting gas bearing - A method of solution for the full range of the compressibility number.

19 p3237 A67-35866

On error torques of squeeze-film cylindrical journal bearings.
[ASME PAPER 67-LUB-5]

24 p4162 A67-42669

PAN, C. L.

A new concept to the general understanding of the effect of longitudinal conduction for multistream counter flow heat exchangers.

04 p0728 A67-15806

PAN, F.

Steady flows in rectangular cavities.

17 p2836 A67-32279

PAN, H. H.

Vibrations of viscoelastic plates.

04 p0715 A67-15586

PAN, H.-C.

Calculation and experimental study of the cut-off wavelength of the lowest TE mode in a rectangular waveguide having a coaxial inner cylindrical conductor.

05 p0773 A67-16511

PAN, V. M.

Phase diagram of the vanadium-gallium system /Diagramma ravnovesila faz sistemy vanadii-galli/.

05 p0827 A67-16326

PAN, Y. S.

The trail of an ionospheric satellite.

14 p2302 A67-28207

II. Trail of an ionospheric satellite. I. [AIAA PAPER 66-477]

21 p3706 A67-38862

PANARO, M. C.

IBM Apollo computer design mechanical packaging.

05 p0814 A67-17460

PANASENKO, B. A.

Local stability loss of a skin reinforced by crimping /Mestnala poteria ustoičivosti obshivok, podkreplennykh gofom/.

21 p3725 A67-38787

Optimum parameters of three-layer cylinders and panels with a crimp-type filler /Optimal'nye parametry trekhslolnykh tsilindrov i paneli s zapolnitem iz gofra/.

21 p3729 A67-38915

PANASIUK, L. M.

Basic regularities of the electrical characteristics of some heterojunctions and their band structures /Osnovnye zakonomernosti elektricheskikh kharakteristik nekotorykh geteroperekhodov v ikh zonnnykh skhemy/.

12 p1983 A67-25515

Principal relationships governing the electrical characteristics of some heterojunctions and their band schemes.

18 p3103 A67-34446

PANASIUK, V. S.

Generator for powerful pulses of complex shape /Generator moshchnykh impul'sov slozhnoi formy/.

03 p0388 A67-14267

PANASIUK, V. V.

Limit equilibrium of plates with sharp stress raisers.

03 p0522 A67-13122

Stress concentration near a curvilinear hole in an infinite plate /Pro kontsentratsiiu napruzhenn' billa krivoliniinogo otvora v bezmezhnii plastini/.

18 p3144 A67-34172

Threshold equilibrium of a plate weakened by a polygonal hole.

19 p3343 A67-35845

PANCHENKO, B. A.

Mutual conductance of half-wave slots on a conducting cylinder.

03 p0378 A67-13288

PANCHENKO, E. F.

Further investigations of the complex effect of ionizing radiation and accelerations on an organism in association with space flights /Dal'neishie issledovaniia kompleksnogo vozdeistviia na organizm ioniziruiushchego izlucheniia i uskoreniia v sviazi s kosmicheskimi poletami/.

24 p4113 A67-42393

PANCHENKO, E. V.

Titanium-carbide coatings on steel.

01 p0093 A67-10301

PANCHENKO, O. A.

Effect of adsorption of Cs, Ba, Th, and Cu atoms and of an electric field on the Hall effect and electrical conductivity of thin nickel films.

20 p3504 A67-36166

PANCHENKO, V. N.

Behavior of the friction coefficient during the passage of a compressible gas through tubes with very high negative pressure gradients /O povedenii koefitsienta treniia pri techenii szhlamaemo gaza v trubakh pri ochen' bol'shikh otritsatel'nykh gradientakh davleniia/.

06 p0991 A67-18816

PANCHENKOV, A. N.

Problem of the unsteady motion of an airfoil at variable distances from a screen /Zadacha o nestatsionarnom dvizhenii kryla s peremennym otstoianiem ot ekrana/.

18 p2981 A67-33410

Problem of the motion of an annular wing in a compressible fluid /Zadacha o dvizhenii kol'tsevoogo kryla v szhlamaemol zhidkosti/.

18 p3022 A67-33411

Lifting surface in a transonic gas flow /Nesushchala poverkhnost' v okolozvukovom potoke gaza/.

18 p2981 A67-33535

Nonlinear theory of a lifting surface of arbitrary aspect ratio /Nelineinaya teoriia nesushcheli poverkhnosti proizvol'nogo udlineniia/.

18 p2981 A67-33536

PANCHENKOVA, E. F.

State of reactivity of an organism under the complex effect of several space flight factors /Sostoiianie reaktivnosti organizma pri kompleksnom vozdeistvii nekotorykh faktorov kosmicheskogo poleta/.

16 p2611 A67-30765

PANDE, D.

Second order elastic effects in an infinite, isotropic compressible medium with an elliptic hole subjected to a uniform tangential force at the boundary.

07 p1263 A67-19729

Finite circular-cylindrical inclusion in concentric shells.

16 p2766 A67-31099

PANDE, M. CH.

Diffusion and dissociation of CO molecules in the solar atmosphere.

01 p0151 A67-11284

Determination of rotational temperatures for the first-overtone CO lines in the solar spectrum.

09 p1563 A67-21626

The possibility of formation of triatomic molecules in the solar atmosphere.

18 p3119 A67-33858

PANDOLFI, M.

Power oscillations during orbit time of a solar Brayton space powerplant with heat storage.

09 p1442 A67-21698

PANDYA, T. P.

Point holograms as optical elements.

18 p3048 A67-34194

PANELLI, G. C.

Solid rockets.

22 p3869 A67-40334

PANEVIN, I. G.

Experimental study of the effect of a longitudinal magnetic field on convective heat transfer during turbulent flow of an electrically conducting fluid in a pipe /Eksperimental'noe issledovanie vliianiia prodol'nogo magnitnogo polia na konvektivnyi teploobmen pri turbulentnom techenii elektroprovodnoi zhidkosti v trube/.

06 p1044 A67-18682

PANFILOV, S. A.

Calculation of heating for condensed plasma jet particles /K raschetu nagreva kondensirovannykh chastits v plazmennoi strue/.

18 p2721 A67-31393

PANICH, O. I.

Equivalent regularization and solvability of normally solvable boundary value problems with a zero index for polyharmonic equations and highly elliptical second-order plane systems.

18 p2698 A67-31737

PANICHKINA, V. V.

Activated sintering of tungsten and molybdenum powders /Aktivirovannoe spekanie poroshkov vol'frama i molibdena/.

20 p3466 A67-36911

PANISZCZYN, T. F.

Prediction of lift and aerodynamic center for variable sweep wings.

06 p0939 A67-18315

PANIZZA, E.

Two-photon absorption spectrum of CdS.

06 p1011 A67-18209

Optical probe attenuation in CS sub 2 induced by a ruby laser.

10 p1667 A67-23776

Two-photon absorption in

15 p2500 A67-29816

PANKEY, T.

Anomalous optical effects in germanium films.

01 p0138 A67-11076

PANKHURST, R. C.

The Measurement of Air Flow. /4th Edition/.

08 p1321 A67-20759

PANKIN, V. G.

Measurement of the Hall photo-EMF on thin germanium samples /Izmereniia fotoeds Kholla na tonkikh obrabztsakh germaniia/.

14 p2368 A67-28529

Measurements of the Hall photo-EMF in thin samples of germanium.

23 p4039 A67-40936

PANKOV, R. A.

A method for the approximate representation of nonlinearities and application of statistical linearization for the analysis of closed-loop automatic systems.

05 p0781 A67-16254

PANKOVE, J. I.

Vapor-phase growth of GaAs sub 1 sub -x P sub x room-temperature injection lasers.

11 p1802 A67-24741

Efficiency of GaAs sub 1-x P sub x electroluminescent diodes.

21 p3591 A67-38153

PANKRATEV, I. I.

Motion of a current layer in a coaxial plasma gun /Dvizhenie tokovogo sloia v koaksial'noi plazmennoi pushke/.

15 p2525 A67-29250

Observation of the flow layer and acceleration of plasma in a coaxial plasma gun /Issledovanie tokovogo sloia i uskoreniia plazmy v koaksial'noi plazmennoi pushke/.

15 p2529 A67-29718

PANKRATOV, A. K.

Relation between radio bursts of the fourth type and the solar diurnal variation of cosmic rays and the relationship between the first and second harmonics according to IGY data /Sviaz' mezhdu radiovplyeskami IV tipa i solnechno-sutochnoi variatsiei kosmicheskikh luchei i sootnoshenie pervoi i vtoroj garmonik po dannym za period MGG/.

05 p0881 A67-16116

Certain dynamic phenomena in the diurnal variation of cosmic rays /Nekotorye dinamicheskie iavleniia v sutochnoi variatsii kosmicheskikh luchei/.

16 p2740 A67-31898

Behavior of the diurnal variation during magnetic storms /Povedenie sutochnoi variatsii vo vremia magnitnykh bur'.

23 p4058 A67-41124

Relation between type IV radio bursts and the solar-diurnal variation of cosmic rays and the ratio of the first and second harmonics according to data for the period of the IGY.

24 p4214 A67-42792

PANKRATOV, V. G.

Calculation of magnetogasdynamic flow /Raschet magnitogazodinamicheskogo techeniia/.

17 p2903 A67-32682

PANNACI, E.

Automatic tuning of hydrogen masers.

13 p2125 A67-26512

PANNIER, R.

Regarding an isthmus lysis of rare localization observed in a fighter pilot /A propos d'une lyse isthmique de localisation rare observee chez un pilote de chasse/.

04 p0561 A67-14632

PANOFISKY, H. A.

Meteorological applications of cross-spectrum analysis.

20 p3480 A67-36786

Summary of progress in research on atmospheric turbulence and diffusion.

20 p3480 A67-36898

PANOV, A. S.

Carbon diffusion in carbides of vanadium and titanium /Diffuziia ugleroda v karbidakh vanadiia i titana/.

14 p2337 A67-28285

PANOV, I. U. A.

Study of the base-pressure fluctuations behind a cone in a supersonic flow /Issledovanie kolebaniil donnogo davleniia za konusom v sverkhzvukovom potoke/.

06 p0936 A67-17735

Supersonic regions in three-dimensional separated flows /O sushchestvovanii sverkhzvukovykh zon v prostranstvennykh otryvnykh techeniakh/.

10 p1590 A67-23025

Investigation of the flow structure behind a cone in supersonic flow /Issledovanie struktury techeniia za konusom v sverkhzvukovom potoke/.

14 p2240 A67-27994

Supersonic flow past an obstacle in the form of a gas jet on a plate /Obtekanie strulnogo gazoobraznogo prepiatstva na plastine sverkhzvukovym potokom/.

18 p3027 A67-34207

PANOV, M. N.

Capture, ionization, and ionization capture in collisions of protons with argon atoms.

23 p4030 A67-41687

- PANOV, V. S.**
Structure and properties of solid solutions of WC in TiC, NbC, and TaC /Struktura i svoystva tverdykh rastvorov WC v TiC, NbC i TaC/. 04 p0638 A67-15205
Oxidation resistance of WC-NbC-Co alloys in air /Stoikost' protiv oksleniya na vozdukhie splavov WC-NbC-Co/. 22 p3820 A67-39565
- PANOVKO, I. A. G.**
Stability and oscillations of elastic systems /Ustoychivost' i kolebaniya uprugikh sistem /2nd edition/. 18 p3140 A67-33674
- PANTANI, L.**
Ultrasonic correlator for radar signals /Correlatore ultrasonico per segnali radar/. 18 p3002 A67-34227
- PANTAZOPOL, D.**
Deviation of a two-dimensional supersonic flow by jet-flap action /La deviation d'un ecoulement supersonique bidimensionnel par l'action d'un jet-flap/. 07 p1127 A67-20208
- PANTELL, R. H.**
Quenching effects in coupled lasers. 05 p0823 A67-16682
A quantitative study of the stimulated Raman effect using an off-axis resonator. 08 p1339 A67-21375
Coupled optical oscillators. 09 p1514 A67-22274
Laser power stabilization by means of nonlinear absorption. 24 p4167 A67-42360
- PANTIUSHIN, A. A.**
Gravitation of elastic bodies /Tiagotenie uprugikh tel/. 05 p0847 A67-17495
Theory of gravitational interaction of rotating bodies /K teorii gravitatsionnogo vzaimodelstviya vrashchalushchikhsia tel/. 05 p0847 A67-17496
- PANTON, J.**
Temperature measurements in a high-speed radial turbine rotor. 12 p1988 A67-25354
- PANUSKA, J. A.**
Instrumental acquisition in rats after twelve exposures to deep hypothermia. 20 p3373 A67-37433
Adaptation to hypothermia. 20 p3373 A67-37669
- PANZER, S.**
Continuous electron beam processing plant for plane thin-film resistors. 04 p0600 A67-15479
- PAO, H. P.**
Further results on stability of a swirling fluid with variable density in the presence of a circular magnetic field. 05 p0859 A67-17442
- PAO, Y.-H.**
Diffractions of horizontal shear waves by a parabolic cylinder and dynamic stress concentrations. [ASME PAPER 66-WA/APM-13] 04 p0713 A67-15405
- PAOLINI, F. R.**
Measurements of 1/2 to 4 mev trapped protons in the equatorial magnetosphere. [AFRL-66-865] 03 p0505 A67-12835
Charged particle transmission through spherical plate electrostatic analyzers. 14 p2320 A67-28746
A study of energetic electrons in the radiation belts with Hitch-hiker I. 20 p3517 A67-36371
Space and time variations in outer-belt electron spectra. 22 p3873 A67-39822
- PAOLUCCI, G.**
Behavior of some serum enzymes in rats relative to anatomical and pathological injuries caused by appreciable very short transverse decelerations. III /Comportamento di alcuni enzimi sierici nel ratto in rapporto alle lesioni anatomopatologiche provocate da decelerazioni trasversali di notevole entita' e brevissima durata. III/. 06 p0953 A67-17996
Behavior of some enzymatic processes of serum in dogs subjected to moderate impacts. I /Comportamento di alcune attivita' enzimatiche del siero in cani sottoposti ad urti di modesta entita'. I/. 06 p0953 A67-17997
Some aspects of the so-called traumatic disease /Su alcuni aspetti della cosiddetta malattia traumatica/. 21 p3575 A67-38509
- PAPA, R. J.**
Wave phenomena in plasmas. 12 p1975 A67-25527
- PAPA, T.**
Evidence for damage regions in Si, GaAs, and InSb semiconductors bombarded with high-energy neutrons. 17 p2922 A67-33060
- PAPACOSTAS, A.-B. N.**
Some aspects of the juridical consequences which result from the system responsible for space activity /Quelques aspects sur les consequences juridiques qui resultent du systeme consacre de la responsabilite pour l'activite developpee a l'espace/. 12 p2043 A67-26145
- PAPADOPOULOS, J. G.**
Wind penetration effects on flight simulations. [AIAA PAPER 67-609] 19 p3208 A67-36000
- PAPAGIANNIS, M. D.**
Studies of irregular atmospheric refraction using stationary satellites. 19 p3182 A67-35172
- PAPAKIN, V. F.**
Gas-laser demonstration /Demonstratsiya s gazovym opticheskim kvantovym generatom/. 22 p3816 A67-39923
- PAPANASTASSIOU, D.**
Correlation between maximum aerobic work and anthropometric and spirometric parameters /Relazione fra il massimo lavoro aerobico e i parametri antropometrici e spirometrici/. 16 p2614 A67-31472
- PAPARODITIS, C.**
Contribution to the study of thin layers of the semiconductor CdTe /Contribution a l'etude des couches minces du semiconducteur CdTe/. 02 p0294 A67-11759
Spherulitic growth in thin telluride layers /Croissance spherolitique dans les couches minces de tellurures/. 02 p0295 A67-11766
Mechanism of the photovoltaic effect in cadmium telluride photovoltaic cells /Sur le mecanisme de l'effet photovoltaic dans les photopiles au tellurure de cadmium/. 08 p1285 A67-20733
- PAPAS, C. H.**
Electromagnetic reflectivity of nonuniform jet streams. 23 p3974 A67-41201
- PAPAYOANOU, A.**
Shock-wave-generated plasmas as light sources for optical pumping. 08 p1338 A67-21291
- PAPELL, S. S.**
Buoyancy effects on forced-convective boiling. [ASME PAPER 67-HT-63] 20 p3549 A67-36745
- PAPENDIECK, A. J.**
Theory of graphs and network-diagram methods /Theorie der Graphen und Netzplantechnik/. 16 p2783 A67-31631
- PAPERLEIN, D.**
Influence of wind and cloudiness on terrestrial scintillation. 22 p3828 A67-39240
- PAPET-LEPINE, J.**
Geographical distribution of total electron content dependence on geomagnetic activity. [RASSA PAPER 1-10-125] 03 p0416 A67-14236
Methods of calculation of the total electron content by measurement of Faraday and Doppler effects of artificial satellites /Methodes de calcul du contenu total d'electrons par la mesure des effets Faraday et Doppler des satellites artificiels/. 10 p1604 A67-22987
Lunar influence on the total electron content of the winter ionosphere, at the minimum of solar activity /Influence lunaire sur le contenu total d'electrons de l'ionosphere hivernale, au minimum de l'activite solaire/. 11 p1788 A67-24771
Methods of calculating the total electron content by measuring the Faraday and Doppler effects of artificial satellites. II /Methodes de calcul du contenu total d'electrons par la mesure des effets Faraday et Doppler des satellites artificiels. II/. 14 p2270 A67-28607
- PAPINI, F.**
Predetermination and controlled production of stacks of thin layers /Sur la predetermination et la realisation controlee des empilements de couches minces/. 09 p1558 A67-22599
New methods for the predetermination and the development of thin-layer filters /Procedes nouveaux de predetermination et de realisation des filtres en couches minces/. 24 p4187 A67-41873
- PAPINI, G.**
London moment of rotating superconductors and Lense-Thirring fields of general relativity. 01 p0134 A67-10812
- PAPIRNO, R.**
A bonded polariscope for three-dimensional photoviscoelastic studies. 03 p0531 A67-14364
- PAPIROV, I. I.**
Beryllium ageing. 13 p2136 A67-27105
Oxidation of beryllium. 13 p2136 A67-27107
Investigation into plastic behaviour of zone refined and prestrained Be single crystals. 13 p2137 A67-27111
Ageing of beryllium alloys with chromium and zirconium. 19 p3245 A67-35472
- PAPIS, T.**
Determination of the attitude of a spinning rocket under thrust with statistically varied inputs. 19 p3334 A67-35938
- PAPKOV, V. S.**
Influence of block structure and slip planes on the divergence of the laser radiation of ruby crystals. 21 p3642 A67-38968
- PAPKOVICH, V. G.**
Pinch-discharge source of ionized plasmoids for aerophysical investigations at high pressures /Pinchevyi istochnik ionizirovannykh sgustkov dlia aerofizicheskikh issledovanii pri vysokikh davleniyakh/. 21 p3675 A67-38912
- PAPOIAN, V. V.**
Toward a nonrelativistic theory of rotating configurations /K nerelativistskoi teorii vrashchalushchikhsia konfiguratsii/. 14 p2382 A67-27833
- PAPON, A.**
Method of computing bladed supersonic diffusers for centrifugal compressors /Sur une methode de calcul de diffuseurs supersoniques a aubes, pour compresseurs centrifuges/. 02 p0235 A67-12792
Three-dimensional flow across supersonic axial compressors /Ecoulement tridimensionnel a travers les compresseurs axiaux supersoniques/. 24 p4092 A67-42661
- PAPON, P.**
Method of computing bladed supersonic diffusers for centrifugal compressors /Sur une methode de calcul de diffuseurs supersoniques a aubes, pour compresseurs centrifuges/. 02 p0235 A67-12792
Three-dimensional flow across supersonic axial compressors /Ecoulement tridimensionnel a travers les compresseurs axiaux supersoniques/. 24 p4092 A67-42661
- PAPOULAR, R.**
Light emission by a gas under the action of an intense laser emission /Emission de lumiere par un gaz sous l'effet d'un rayonnement laser intense/. 09 p1516 A67-22583
Experimental analysis of laser induced gas discharges. 19 p3239 A67-35163
- PAQUES, H.**
Laser improves sensitivity of Schlieren systems. 04 p0619 A67-14606
- PAQUET, J. G.**
Systematic examination of elements with multilinear characteristics in servosystems /Traitement systematique des elements a caracteristique multilinaire dans les systemes asservis/. 02 p0224 A67-11529
- PAQUET, L.**
Improvements to a balloon-borne sun-seeker. 07 p1184 A67-19396
Frictionless bearing for balloon. 07 p1191 A67-19403
- PAQUETTE, G.**
Theory of Langmuir probes in plasmas containing negative ions - Properties of the sheath. 19 p3296 A67-35587
- PARABONI, A.**
Recommendation of an adaptive antenna for the ground reception of wideband RF signals in space-communications systems /Proposta di un' antenna adattativa per la ricezione a terra di segnali RF a larga banda in sistemi di comunicazioni spaziali/. 08 p1301 A67-20776
- PARACCHINI, S.**
Instrumentation and technique for the vertical sounding of atmospheric ozone implemented at Cagliari during the International Quiet Sun Year /Strumentazione e metodo di rilevamento dell'ozono atmosferico in quota realizzati a Cagliari durante l' "Anno di Quietate Solare"/. 03 p0405 A67-12804
- PARAD, L. I.**
The input admittance to a slotted array with or without a dielectric sheet. 11 p1782 A67-24293
- PARAEV, I. I.**
On optimal control in stochastic systems. 08 p1313 A67-21325
Predicting the trajectories of stochastic systems. 20 p3392 A67-37196

- PARAMONOV, V. K.
Synphase antenna with a broadband active reflector. 05 p0778 A67-17394
- PARANJAPE, B. V.
On the theory of pinch effect in semiconductors. 08 p1371 A67-21439
- PARANJAPE, S. V.
Determination of normal force and pitching moment characteristics of bodies of revolution at finite angles of attack - Extension of cross flow technique. 22 p3740 A67-39943
New approaches for mapping of the "field of fluctuations" by electromagnetic techniques. 22 p3884 A67-39949
- PARANJAPE, V. V.
Rate of momentum loss to polar modes in semiconductors. 02 p0280 A67-11486
Nonlinear effect in semiconductors. 20 p3505 A67-36210
- PARGO, W. B.
Plasma Instabilities and Anomalous Transport, Proceedings of a Conference on Instabilities and Anomalous Loss Processes in Steady State Plasmas, University of Miami, Coral Gables, Fla., May 2-4, 1966. 11 p1828 A67-23997
- PARDOE, G. K. C.
ELDO launching rockets for communications satellites /ELDO- Traegerraketen fuer Nachrichtensatelliten/. 01 p0153 A67-10454
Future patterns of communication satellite systems. [AIAA PAPER 66-319] 06 p0961 A67-17709
- PARENT, R. J.
The "chirp" digital radlosonde. 10 p1655 A67-22823
- PARFENEV, R. V.
Quantum oscillations of the thermoelectric power of n-type InSb. 04 p0680 A67-15288
Complex oscillation of the photomagnetic effect in n-InSb in a strong magnetic field. 17 p2914 A67-32451
- PARFENOV, B. V.
Experimental investigation of the functioning of an electrode in an air stream containing potassium additions /Eksperimental'noe issledovanie raboty elektroda v potoke vozdukh, soderzhashchego prisadku kaliia/. 18 p3088 A67-34054
- PARFENOV, G. F.
Genetic studies in space /Geneticheskoe issledovanie v kosmose/. 09 p1453 A67-21901
- PARFENOV, G. P.
Chlorella on board Cosmos 110 /Khlorella na bortu "Kosmosa-110"/. 13 p2060 A67-27336
Recessive lethals in the X chromosome of drosophila and genetic shielding during the flight of the spaceship "Voskhod" /Retsektivnye letali v Kh khromosome drozofily i geneticheskaya zashchita pri polete korabla "Voskhod"/. 13 p2060 A67-27337
Dissociation of the Bacillus brevis var. G-B during the flight of the Voskhod /Dissotsiatsiya u Bacillus brevis var. G-B pri polete "Voskhoda"/. 21 p3577 A67-38597
- PARGETER, J. K.
The constitution of niobium-cobalt alloys. 14 p2338 A67-28615
- PARIA, G.
Magneto-elasticity and magneto-thermo-elasticity. 19 p3262 A67-35799
On relativistic elasticity. 20 p3486 A67-37279
- PARICARD, G.
Metal-semiconductor diodes /Les diodes metal-semiconducteur/. 20 p3509 A67-36491
- PARIKH, N. M.
Cemented carbides with high-melting binders. I - Carbides bonded with Cr and V alloys. 01 p0100 A67-10724
- PARILIS, I. I.
Stability of combination oscillations in a single-loop circuit with a nonlinear capacitance /Ustoichivost' kombinatsionnykh kolebanii v odnokonturnoi tsepi s nelineinoi emkost'iu/. 19 p3262 A67-35706
- PARIN, V. V.
Experimental studies in space psychophysiology /Eksperimental'nye issledovaniia v kosmicheskoi psikhofiziologii/. 13 p2058 A67-26751
Problems of diagnostic information collection in space flight as one of the medical cybernetics trends /Problema sbora diagnosticheskoi informatsii v usloviakh kosmicheskogo poleta kak odno iz napravlenii meditsinskoi kibernetiki/. 16 p2617 A67-30763
- PARIS, A. A.
The multiple internal communications system concept - Single coaxial cable interconnecting all system components by multiplexing. 13 p2083 A67-27447
Universal internal communications system /UICS/. 17 p2813 A67-32472
Multiple internal communications system. 20 p3381 A67-36567
- PARIS, D. P.
Binary Fraunhofer holograms, generated by computer. 23 p4002 A67-41267
Image processing by computer-generated binary filters. 24 p4156 A67-42432
- PARIS, P. C.
Application of electron fractography and fracture mechanics to fatigue crack propagation. 16 p2771 A67-31296
- PARISOT, J.
Graphites and carbons - High-temperature materials /Graphites et carbones - Matériaux de hautes températures/. 20 p3472 A67-36110
- PARK, C.
Measurement of ionic recombination rate of nitrogen. [AIAA PAPER 67-703] 21 p3672 A67-38730
- PARK, E. C.
Lasers vs microwaves for deep-space communications. 14 p2273 A67-28799
- PARK, K. R.
Frictionless bearing for balloon. 07 p1191 A67-19403
- PARK, R. A.
Solar electric propulsion mission to the comets. 19 p3323 A67-35333
A 3 kw solar-electric spacecraft for multiple interplanetary missions. [AIAA PAPER 67-711] 21 p3714 A67-38738
- PARK, T. M.
Digital study of a stability analogy. 20 p3517 A67-37488
- PARK, Y. S.
Phonon coupling in edge emission and photoconductivity of CdSe, CdS, and Cd /Se sub x S sub 1 sub -x/. 05 p0870 A67-17196
Sharp line emission due to preferential pairing in ZnO crystals. 06 p1060 A67-18914
- PARKER, A. B.
Instabilities in the growth of high current mercury vapour discharges. 19 p3265 A67-35091
- PARKER, A. H.
Automatic testing applied to aircraft electronic systems. 16 p2635 A67-30834
- PARKER, B. D.
The design of an air to ground asynchronous digital communications system for A. T. C. 09 p1529 A67-22639
- PARKER, D.
Experimental results of a frequency doubler using a varactor array. 15 p2442 A67-29176
- PARKER, E. N.
Confinement of a magnetic field by a beam of ions. 14 p2310 A67-28046
Energetic solar particles. 19 p3315 A67-35492
The dynamical theory of gases and fields in interplanetary space. 22 p3883 A67-39669
Small-scale nonequilibrium of the magnetopause and its consequences. 22 p3871 A67-39801
Energy changes of cosmic rays in the solar system. 22 p3874 A67-40079
The dynamical state of the interstellar gas and field. II. 24 p4223 A67-41812
The dynamical state of the interstellar gas and field. III. 24 p4223 A67-41813
An initial-value problem for oscillations of the interstellar gas. 24 p4224 A67-41815
- PARKER, E. R.
Structure and high-strength metals. 03 p0442 A67-13303
The strength and toughness of dynamically strain aged alloy steels. 16 p2688 A67-31306
The enhancement of ductility in high-strength steels. 16 p2693 A67-31872
- PARKER, G. A.
Experiments with "AND" and "EXCLUSIVE-OR" passive elements. 08 p1280 A67-20443
A fluidic subtractor for digital closed-loop control systems. 08 p1280 A67-20444
- PARKER, G. H.
Heat pipe analysis. 24 p4255 A67-42553
- PARKER, J. D.
Wave propagation in viscous fluid lines including higher mode effects. [ASME PAPER 67-FE-12] 14 p2304 A67-28361
Effects of vibration on pool boiling. 20 p3548 A67-36731
Nucleate boiling on a vibrating surface. [ASME PAPER 67-HT-58] 20 p3549 A67-36740
- PARKER, J. F., JR.
Advanced vision research for extended spaceflight. 15 p2430 A67-29274
The effect of flash blindness on the performance of naval aviators. 23 p3965 A67-41569
- PARKER, K. H.
The ignition transient in solid propellant rocket motors. 05 p0873 A67-16513
Interrelations between combustion phenomena and mechanical properties in solid propellant rocket motors. 08 p1374 A67-20876
- PARKER, L. C.
Operational range safety. 08 p1314 A67-20547
- PARKER, L. W.
Potential buildup on an electron-emitting ionospheric satellite. 11 p1869 A67-23941
Theory of a satellite electrostatic probe. 21 p3625 A67-37899
- PARKER, M. S.
Systems considerations for a planetary entry probe. 01 p0156 A67-11424
- PARKER, R.
Method for determining the response of temperature sensors to a rapid temperature rise. 01 p0071 A67-11100
Determining the dynamic elastic modulus at elevated temperatures by using rapid heating techniques. [ASME PAPER 66-WA/MET-12] 04 p0712 A67-15376
- PARKER, R. H.
Use of transformations in multiparameter data sorting. 12 p1909 A67-25863
Automatic landing system 727 airplane. [AIAA PAPER 67-573] 19 p3258 A67-35969
- PARKER, R. J.
Studies of rolling-element lubrication and fatigue life in a reduced pressure environment. [ASLE PREPRINT 67AM 8A-3] 14 p2326 A67-28795
Evaluation of lubricants for high-temperature ball bearing applications. [ASME PAPER 67-LUB-21] 24 p4163 A67-42679
- PARKER, R. N.
Space power and the progression of manned space flight requirements. 17 p2953 A67-31979
- PARKER, T. J.
Diffusion in silicon. I. 22 p3855 A67-39346
Diffusion in silicon. II. 22 p3855 A67-39347
- PARKER, W. W.
Interference reduction methods for antennas on aerospace vehicles. 20 p3405 A67-37642
- PARKES, E. W.
Thermal stresses in a thin shell in contact with a smooth, rigid container. 14 p2403 A67-29011
- PARKES, T.
Peristaltic motion. 23 p3990 A67-41174
- PARKIN, D. W.
Cosmic spherules in a Pacific core. 06 p1079 A67-17657
A search for airborne cosmic dust on Barbados. 20 p3432 A67-37174
- PARKIN, L. W.
The "Black Arrow" satellite launcher /Le lanceur de satellite "Black Arrow"/. 03 p0519 A67-13929
The Black Arrow launch vehicle. 19 p3333 A67-35841
- PARKINS, B. E.
Omnidirectional scattering of acoustic waves by rough, imperfectly reflecting surfaces. 10 p1680 A67-23314
- PARKINSON, B. W.
Control synthesis for spinning aerospace vehicles. 07 p1257 A67-19359
Results of experimental studies in the active damping of free-rotor gyroscopes. 19 p3233 A67-35986
- PARKINSON, D. H.
The generation of high magnetic fields. 20 p3483 A67-36452
- PARKINSON, G. V.
Observations on low aspect ratio wings at high incidence. 10 p1593 A67-23549
Surface and wake flow phenomena of the vortex-excited oscillation of a circular cylinder. [ASME PAPER 67-VIBR-31] 11 p1777 A67-24189
Cylinders of rectangular section as

- aeroelastic nonlinear oscillators.
[ASME PAPER 67-VIBR-50] 11 p1777 A67-24200
- PARKINSON, M. J.**
Experimental observations of collisionless shock waves in a magnetized plasma. 19 p3294 A67-35408
- PARKINSON, R. C.**
The effect on the mass-flow of swirl in a supersonic nozzle. 22 p3739 A67-39527
- PARKS, D. E.**
The non-self-similar propagation of a thermal radiation front. 23 p4081 A67-40887
- PARKS, G. K.**
Relation of 5-to 40-second-period geomagnetic micropulsations and electron precipitation to the auroral substorm. 04 p0615 A67-14968
Spatial characteristics of auroral-zone X-ray microbursts. 07 p1180 A67-19929
Auroral-zone X-ray bursts of 5-to 25-millisecond duration. 22 p3873 A67-39821
- PARKS, J. K.**
A miniaturized C-band digital latching phase shifter. 08 p1305 A67-21227
Optical imaging of a complex ultrasonic field by diffraction of a laser beam. 15 p2487 A67-29498
S band digital phase shifter designed for half-wave-length stacking in phased array antenna. 22 p3773 A67-39909
- PARKS, J. R.**
Contrast-transfer characteristics of n tuple models of retinal receptive fields. 05 p0757 A67-17303
- PARKS, P. C.**
Liapunov redesign of model reference adaptive control systems. 01 p0045 A67-11202
Liapunov functionals for aeroelastic problems. 15 p2575 A67-30021
Stability problems of model-reference and identification systems. 15 p2464 A67-30337
- PARKS, V. J.**
Moire patterns of partial derivatives of displacement components. 05 p0909 A67-16142
Moire fringes as parametric curves. 09 p1574 A67-21837
Photoelastic stress analysis on the bonded interface of a strip with different end configurations. 16 p2764 A67-30933
Gravitational stresses determined using immersion techniques.
[ASME PAPER 67-APM-11] 17 p2964 A67-33146
Experimental stress analysis of loaded boundaries in two-dimensional second boundary value problems.
[SESA PAPER 1194] 18 p3142 A67-33899
Experimental stress analysis of loaded boundaries in two-dimensional second-boundary value problems. 21 p3722 A67-38435
- PARKUS, H.**
Foundations and problems in thermo-and viscothermoelasticity /Grundlagen und Probleme der Thermo-und Viskoelastizitaet/. 13 p2216 A67-26608
Stochastic perturbation of optimal rocket trajectories. 22 p3878 A67-39182
- PARMEGGIANI, G.**
Problems associated with the radiation spectrum of a transmitter /Problemi relativi allo spettro d'irradiazione di un trasmettitore/. 08 p1301 A67-20773
- PARMENTER, G. L.**
Safety program at the nuclear rocket development station. 20 p3482 A67-36565
- PARMENTER, R. H.**
Isospin formulation of the theory of a granular superconductor. 10 p1687 A67-22763
- PARMER, J. F.**
Thermal radiation characteristics of a specular walled groove.
[AIAA PAPER 66-459] 02 p0342 A67-11939
The thermal radiation characteristics of spacecraft temperature control louvers in the solar space environment.
[AIAA PAPER 67-307] 12 p2036 A67-26022
Thermal control characteristics of interior louver panels.
[ASME PAPER 67-HT-64] 20 p3549 A67-38746
- PARMET, N. R.**
SST propulsion systems - Airline operational and economic goals.
[SAE PAPER 660296] 07 p1129 A67-19624
- PARNELL, J. E.**
Sonic boom and the SST. 03 p0360 A67-13921
Sonic boom and the SST - An examination of the sonic boom and its effects. 11 p1743 A67-24038
- PARNELL, T. A.**
Cosmic ray charge spectrometer. 02 p0247 A67-12695
- PARR, R. G.**
Integrated and integral Hellmann-Feynman formulas. 22 p3757 A67-39637
- PARR, V. B.**
General equation for reliability of parallel networks. 05 p0784 A67-17255
- PARRAUD, P.**
Study of the interaction of a transverse magnetic field and a supersonic flow of ionized argon /Etude de l'action d'un champ magnetique transversal sur un courant supersonique d'argon ionise/. 09 p1540 A67-21787
- PARRAUD, P. P.**
Investigation of the effect of a strong transverse magnetic field on a supersonic flow of ionized argon /Issledovanie vlianiia sil'nogo poperechnogo magnitnogo polia na sverkhzvukovoi potok ionizovannogo argona/. 17 p2898 A67-32184
- PARRENT, G. B.**
Space-bandwidth theorem for holograms. 01 p0071 A67-11083
- PARRY, D. J.**
The structure of the wave front in spinning detonation. 02 p0232 A67-11564
On the coupling between spinning detonation and oscillations behind the wave. 03 p0402 A67-13465
- PARSHIN, A. M.**
Structural changes of the KhN77TiU-R alloy during prolonged heating /Strukturnye prevrashcheniia v splave KhN77TiU-R pri dlitel'nom nagreve/. 22 p3818 A67-39321
- PARSONS, G. R.**
Integrated circuits for analogue switching. 14 p2281 A67-28018
- PARSONS, J. R.**
Electron microscope observation of atomic planes and atomic positions in germanium. 03 p0501 A67-14345
- PARSONS, M. J.**
Optimization of generator parameters and of overall thermal efficiencies for an MHD-reactor system. 16 p2804 A67-30571
- PARSONS, M. K.**
Apparatus for microwave measurement of transport parameters in semiconductors. 08 p1329 A67-20375
- PARSONS, R. K.**
Pilot comments on variable geometry aircraft.
[SAE PAPER 670879] 24 p4094 A67-42013
- PARSONS, R. N.**
Spoilers - Hydraulics in aerospace. 05 p0753 A67-16162
- PARSONS, S. O.**
A lunar environment simulation test bed. 17 p2832 A67-32003
Sensory discrimination and attitudes toward water reclaimed from urine. 22 p3751 A67-39597
- PARSONS, W. D.**
Analytic solution of the synergetic turn.
[AIAA PAPER 66-487] 02 p0331 A67-11938
- PARTEL, G.**
An Italian approach to reusable low-cost rockets. 15 p2567 A67-29840
- PARTER, S. V.**
The diagonal equivalence of a nonnegative matrix to a stochastic matrix. 04 p0645 A67-15082
Special computation procedures for differential equations. 06 p1022 A67-17788
Elliptic equations. 14 p2342 A67-28156
Numerical methods for elliptic differential equations whose coefficients are singular on a portion of the boundary. 16 p2697 A67-31330
- PARTHASARATHY, R.**
Effective recombination coefficient in the D region. 06 p0995 A67-18073
Effect of meteoric dust on the effective recombination coefficient in the lower ionosphere. 06 p0995 A67-18074
Magnetospheric activity and its consequences in the auroral zone. 16 p2666 A67-31410
- PARTHE, E.**
A scheme for the derivation of the compositions of general ternary inorganic semiconductors. 20 p3512 A67-37243
- PARTINOVA, N. A.**
Theory of transistorized LC oscillators with n tank circuits /O teorii tranzistornykh LC-generatorov s n kolabatel'nyimi konturami/. 06 p0972 A67-18894
Method for solving a quasi-linear autonomic system with n degrees of freedom in the cases of incommensurable frequencies /Metod resheniia avtonomnoi kvazilineinoi sistemy s n stepeniami svobody v sluchae nesolizmerimyykh chastot/. 10 p1673 A67-22935
- PARTLOW, W. D.**
Multiphonon relaxation in LaCl sub 3 -Nd super 3 super plus. 16 p2728 A67-31057
- PARTOM, Y.**
Numerical approach to the stability of inviscid parallel flows. 11 p1778 A67-24220
- PARTRIDGE, J. M.**
Room-temperature creep and fatigue properties of titanium alloys. 10 p1669 A67-23325
- PARTRIDGE, R. B.**
Isotropy and homogeneity of the universe from measurements of the cosmic microwave background. 11 p1864 A67-24564
Upper limit on the mean mass density due to galaxies. 17 p2944 A67-32638
Large scale density inhomogeneities in the universe. 20 p3525 A67-36868
- PARTZSCH, P.**
The problem of speed measurements in a flight test and its solution with modern means /Die Aufgabe der Geschwindigkeitsmessung im Flugversuch und ihre Loesung mit zeitgemassen Mitteln/. 18 p3019 A67-33461
- PARUSNIKOV, N. A.**
Equations for the small oscillations of a Schuler vertical /Ob uravneniakh malykh kolebaniy shulerovskoi vertikal'/. 03 p0465 A67-14160
- PARVATHI, R. P.**
Synchronous equatorial satellites. 02 p0327 A67-12370
- PARYGIN, V. N.**
Internal modulation of an infrared laser /Vnutrenniia modulatsiia infrakrasnogo lazera/. 05 p0824 A67-16914
Frequency multiplication using the diffusion capacitance. 05 p0766 A67-17165
Internal modulation of the infra-red laser. 16 p2685 A67-30891
- PARYSHEVA, G. V.**
Optimum distribution of correction impulses in one-parameter correction. II. 07 p1247 A67-19093
- PARZEN, E.**
Time series analysis for models of signal plus white noise. 20 p3476 A67-36788
- PASCALE, L.**
Reinforced plastic on the wing structure of a light aircraft /La plastica rinforzata nella struttura alare di un velivolo leggero/. 22 p3912 A67-39729
- PASCIUTI, E. R.**
Some reliability/efficiency aspects of low input voltage inversion/conversion from radioisotopic thermoelectric generator power sources. 08 p1284 A67-20694
- PASECHNIK, I. U. A.**
Study of an IR silicon photoconductivity "burst" in nonequilibrium field effect /Issledovanie "vspyshki" IK fotoprovodimosti kremnia v neravnovesnom effekte polia/. 14 p2368 A67-28536
Investigation of the infrared photoconductivity "flash" of silicon in nonequilibrium field effect. 23 p4040 A67-40943
- PASECHNIK, Z. V.**
The optimal shape of certain circular fins cooled by radiation /Ob optimal'noi forme nekotorykh kol'tsevykh reber, okhlazhdaemykh izlucheniem/. 20 p3554 A67-37067
- PASEKA, A. M.**
Effect of the motion of the cosmic medium on the polarization of cosmic radiation /O vlianii dvizheniia kosmicheskoi sredy na polarizatsiiu kosmicheskogo radiolizlucheniia/. 16 p2628 A67-31494
- PASHAEV, A. M.**
Study of the physical properties of semiconductors by microwave methods /K issledovaniyu fizicheskikh svoystv poluprovodnikov SV Ch metodami/. 14 p2364 A67-27836
- PASHCHENKO, V. P.**
Influence of interelectrode distance on the operation of a cesium thermionic converter. 09 p1444 A67-22007
Diagnostics of low-temperature cesium plasma. 22 p3845 A67-39425
- PASHITSKII, E. A.**
Instability of the relative motion of spatially distributed electron fluxes in a

- magnetic field /Neustolchivost' otositel'nogo dvizheniya prostranstvenno razdelennykh elektronnykh potokov v magnitnom pole/. 02 p0277 A67-12611
Convective excitation of ion plasma waves by an inhomogeneous electron beam. 04 p0668 A67-15270
Instability due to relative motion of spatially separated electron streams in a magnetic field. 13 p2170 A67-27387
- PASHKEVICH, A. G.**
Changes in wall thickness in the process of rolling hollow cylindrical blanks /Izmeneniye tolshchiny stenki pri obzhime polykh tsilindricheskikh zagotovok/. 07 p1191 A67-19748
Wall thickening during compression with axial support /Nabor tolshchiny stenki pri obzhime s osevyim podporom/. 07 p1191 A67-19749
- PASHKOV, V. A.**
Self-focusing of laser beams in ruby and leucosapphire crystals. 21 p3639 A67-38094
- PASHKOVSKII, V. I.**
Solvability of the basic boundary-value problem for a parabolic-type equation with degenerated principal part /O razreshimosti osnovnoi kraevoi zadachi dlia uravneniya parabolicheskogo tipa s vyrozhdalushchiesia glavnoi chast'iu/. 01 p0105 A67-10677
- PASHLEY, D. W.**
The basic processes affecting two-step ageing in an Al-Mg-Si alloy. 18 p3065 A67-34362
- PASICHNIK, I. U. A.**
Investigation of the impurity photoconductivity of a silicon surface doped with gold /Doslidzhennia domishkovoi fotoprovodnosti poverkhnii kremniiu, legovanoi zolotom/. 05 p0871 A67-17491
- PASIU, L.**
Rarefaction effects in hypersonic boundary layers. 01 p0007 A67-11182
- PASKIN, A.**
Application of a structure factor-potential relationship to the electrical resistivity of the liquid alkali metals. 21 p3688 A67-39102
- PASLAVSKII, E. S.**
Use of a distributed automatic control system in plasma plant stabilization /Primeneniye raspredelennoi sistemy avtomaticheskogo regulirovaniia dlia stabilizatsii plazmennyykh ob'ektov/. 15 p2530 A67-29724
- PASMANNIK, V. I.**
Analytical observation of electron bunching in a sweep klystron on the basis of a disk model of electron flow /Analiticheskoe issledovanie gruppirovaniia elektronov v proetnom klistrone na osnove diskovoi modeli elektronogo potoka/. 18 p3010 A67-33501
- PASQUINE, D. L.**
An investigation of the fatigue behavior of 18 percent nickel maraging steel. 06 p1014 A67-17800
- PASS, N. N.**
Hot aircraft - Cool hydraulics. 05 p0752 A67-16161
- PASSARO, W. C.**
A quasi-single junction six port circulator. 02 p0217 A67-12094
A 35-GHz latching switch. 08 p1304 A67-21225
- PASSERELL, N. D.**
Ultrasonic inspection of large solid-fuel booster nozzles. 10 p1659 A67-22930
- PASSKE, M.**
Permeation of neon, nitrogen and sulfur hexafluoride through walls of subcutaneous gas pockets in rats. 21 p3574 A67-38079
- PASSMORE, E. M.**
Effect of microstructure on creep mechanisms in ceramics. 03 p0449 A67-13304
- PASSOJA, D. E.**
Penetration of solids by high-power-density electron beams. 06 p1008 A67-18696
- PASTERNAK, M.**
The biasing effect of random bit errors on binary telemetry data. 07 p1145 A67-19874
- PASTIELS, R.**
Shock wave from a release of gas at 230 km altitude. 05 p0795 A67-16027
- PASTORI, M.**
Apparent forces of analytical mechanics. 19 p3261 A67-35049
- PASTUR, L. A.**
Eigenvalue distribution in certain sets of random matrices /Raspredeleeniye sobstvennykh znachenii v nekotorykh ansamblakh sluchalnykh matrits/. 14 p2343 A67-28501
- PASTUSEK, R. R.**
Solar wind degradation of interplanetary dust. 17 p2951 A67-33234
- PASYNKOV, V. V.**
Investigation of p-n junctions prepared on a base of beryllium-doped silicon carbide /Issledovanie p-n-perekhodov, izgotovlennykh na osnove karbida kremniiu, legirovannogo berilliem/. 14 p2367 A67-28524
Thermal processes in thin films. 18 p3100 A67-33766
Investigation of p-n junctions prepared from silicon carbide doped with beryllium. 23 p4039 A67-40931
- PASZKOWSKI, B.**
Laser neodymium glass /Laserowe szklo neodymowe/. 05 p0824 A67-16855
Heads of a high-energy neodymium laser /Glowice lasera neodymowego o duzej energii/. 09 p1514 A67-22171
- PASZTOR, G.**
Observation of surface phenomena on semiconductor devices by a light spot scanning method. 09 p1472 A67-21949
A nondestructive transistor structure determination method. 15 p2448 A67-29801
- PATANKAR, S. V.**
A calculation procedure for heat transfer by forced convection through two-dimensional uniform-property turbulent boundary layers on smooth impermeable walls. 04 p0731 A67-15821
- PATARAIA, A. D.**
Structure of a shock propagating through a plasma transverse to the magnetic field. 08 p1358 A67-20858
Propagation of waves with finite amplitude in plasma without collisions. 19 p3288 A67-35372
Extension of the Mott-Smith method for the investigation of shock wave structure in binary mixtures. 20 p3421 A67-36678
- PATARINI, V.**
Properties of pyrolytically produced boron fibers. 06 p1016 A67-17903
Fatigue of boron filament. 20 p3470 A67-37390
- PATCH, R. W.**
Effective absorption coefficients for radiant energy transport in nongrey, nonscattering gases. 22 p3920 A67-40442
- PATEL, A. R.**
Loops and spirals on thermally etched surfaces of cleaved NaCl crystals. 04 p0675 A67-14761
- PATEL, C. K. N.**
Optical nonlinearities due to mobile carriers in semiconductors. 02 p0254 A67-12524
Parametric amplification in the far infrared. 03 p0437 A67-13572
Inelastic light scattering from Landau-level electrons in semiconductors. 06 p1009 A67-17723
- PATEL, C. M.**
Speed of fading of radio waves reflected from the ionosphere over Ahmedabad. 23 p3996 A67-41083
- PATEL, J. R.**
Chemical influence of holes and electrons on dislocation velocity in semiconductors. 13 p2184 A67-27692
- PATEL, R. P.**
A note on turbulent skin friction measured with a Preston tube. 04 p0600 A67-14442
The effects of wind tunnel screens and honeycombs on the spanwise variation of skin friction in "two-dimensional" turbulent boundary layers. 10 p1627 A67-23556
- PATEL, S. A.**
Creep analysis of circular plates by energy methods. 04 p0707 A67-14443
Axisymmetric buckling of orthotropic circular plates with variable thickness. 11 p1876 A67-24660
- PATEL, V. L.**
Collisionless damping of low frequency hydromagnetic waves in the magnetosphere. 07 p1172 A67-19541
Magnetosheath field, geomagnetic index a sub p and stability of magnetopause. 07 p1182 A67-19953
Long-period hydromagnetic waves in the magnetosphere - Explorer 14. 12 p1937 A67-25812
The boundary of the geomagnetic field, August to November, 1961. 19 p3222 A67-35453
- PATERSON, J.**
Major causes of equipment unreliability. 24 p4161 A67-42479
- PATHAK, A. N.**
Franck-Condon factors and R centroids for the C approaches X band system of ZrO. 08 p1354 A67-20702
Vibrational transition probabilities and R centroids of the A goes to X band system of ZrO. 16 p2704 A67-31174
- PATIL, S. H.**
The concept of antiparticles in particle mixing. 16 p2705 A67-31565
- PATON, A.**
The tungsten borides in boron fibers. 06 p1016 A67-17904
A high frequency electrostatic instability in a magnetically guided plasma stream. 17 p2907 A67-33106
- PATOU, C.**
Neutron emissions by noncylindrical discharges of revolution /Emission de neutrons par des decharges de revolution non cylindriques/. 10 p1683 A67-22844
- PATRAKOVA, A. IA.**
Investigation of the injection electroluminescence of p-n junctions in gallium phosphide /Issledovanie in'ektsionnoi elektroluminestsentsii p-n-perekhodov v fosfide gallia/. 14 p2368 A67-28531
Investigation of the injection electroluminescence of p-n junctions in gallium phosphide. 23 p4039 A67-40936
- PATRICK, E. A.**
Iterative computation of a posteriori probability for M-ary nonsupervised adaptation. 06 p0965 A67-17947
- PATRICK, L.**
Electron mobilities in SiC polytypes. 08 p1370 A67-21293
- PATRICK, R. M.**
Axial current distribution in the exhaust of the magnetic annular arc. 06 p1075 A67-18850
Laboratory simulation of solar wind phenomena. 14 p2294 A67-29036
A magnetic annular arc driven shock tube. 21 p3606 A67-37774
- PATRICK, T. J.**
Sweep sine wave simulation of random vibration and its effect on design with particular reference to space rockets. 08 p1402 A67-20477
- PATRIKIEV, L. N.**
Analysis of the excitation of a parametron with p-n junction capacitance produced by an inverted impurity concentration gradient in the base of the junction /Analiz vzbuzhdeniia parametrона s ispol'zovaniem emkost' p-n-perekhoda s obratnym gradientom kontsentratsii primesel v baze/. 03 p0378 A67-13246
- PATT, H. J.**
Effect of radial mass flow on electric arcs /Der Einfluss einer radialen Masseneinstromung auf elektrische Lichtbogen/. 17 p2910 A67-33366
The analysis of a transpiration-cooled arc. 19 p3280 A67-35148
- PATT, H.-J.**
Basic principles of plasma physics /Grundlagen der Plasmaphysik/. 13 p2167 A67-27150
Measuring techniques of plasma physics /Messverfahren der Plasmaphysik/. 18 p3090 A67-34378
- PATTABHI RAMACHARYULU, N. CH.**
A note on the rotation of an isotropic conducting liquid in plane motion. 21 p3668 A67-38552
- PATTARINI, C. B.**
The aviation noise problem. 13 p2053 A67-26538
- PATTERSON, A.**
Radiation-induced peak effect in superconducting NbZr. 01 p0135 A67-10880
Effect of low-temperature deuteron irradiation on some type-II superconductors. 12 p1985 A67-25845
- PATTERSON, G. A., JR.**
Criteria for determination of minimum usable approach speed. [AIAA PAPER 67-578] 19 p3175 A67-35973
- PATTERSON, G. K.**
Hot-film anemometry measurements of turbulence in pipe flow - Organic solvents. 24 p4141 A67-41927
- PATTERSON, G. S., JR.**
Computer experiments on random walks with both Eulerian and Lagrangian statistics. 11 p1756 A67-24542

- PATTERSON, J. H.**
Instrument for lunar surface chemical analysis. 05 p0805 A67-16463
[JPL-TR-32-1065]
Chemical analysis experiment for the Surveyor lunar mission. 08 p1411 A67-20946
[JPL-TR-32-1090]
- PATTERSON, J. L., JR.**
Mechanism and pattern of human cerebrovascular regulation after rapid changes in blood CO sub 2 tension. 11 p1746 A67-23989
Effects of hypercapnia on human forearm blood vessels. 20 p3373 A67-37584
Human cerebrovascular response to combined hypoxia and hypercapnia. 23 p3945 A67-41080
- PATTERSON, J. M.**
Sweeping image instrumentation development. 16 p2675 A67-31249
- PATTERSON, J. W.**
Infrared spectral signatures - A field geological tool. 01 p0058 A67-10311
- PATTERSON, K. H.**
Down-to-earth Army antenna. 20 p3399 A67-36884
- PATTERSON, O.**
A real-time display system for ground monitoring of manned spaceflight. 09 p1483 A67-21677
- PATTERSON, R. P.**
Development and evaluation of an impedance cardiac output system. 05 p0755 A67-16278
- PATTERSON, T. N. L.**
Metastable helium in the upper atmosphere. 20 p3427 A67-36310
- PATTERSON, W. R., III**
Theoretical calculation of the direct production of divacancies in silicon. 06 p1053 A67-18711
- PATTON, C. E.**
Mobility and loss mechanisms for domain wall motion in thin ferromagnetic films. 02 p0298 A67-11890
Relaxation processes for ferromagnetic resonance in thin films. 13 p2179 A67-27142
Temperature dependence of the ferromagnetic resonance linewidth in thin Ni-Fe films. 22 p3855 A67-39350
- PATTON, J. B.**
Metallic filaments and their composites. 03 p0443 A67-13408
- PATTON, P. C.**
A look into the future - How computers will influence engineering. 13 p2073 A67-27189
- PATTON, R. M.**
Human acceleration experience at the Aerospace Medical Research Department, U.S. Naval Air Development Center-Johnsville - 1 January 1961-30 December 1965. 23 p3953 A67-41590
- PATTON, W. T.**
Component problems in a microwave deep-space communication system. 04 p0568 A67-14499
Determinants of electronically steerable antenna arrays. 12 p1917 A67-26158
A novel spacecraft antenna array. 14 p2289 A67-28911
- PATTORET, A.**
Mass spectrometric studies of the vaporization of refractory compounds. 19 p3242 A67-34864
- PATWARI, A. M.**
Scattering by infinite cylinders of arbitrary cross-section by the method of finite differences. 05 p0764 A67-16952
- PAUKSHTE, I. U. A.**
Special features of thin layers of the In-Te system in the range from 60 to 50 percent Te /Osobennosti tonkikh sloev sistema In-Te v oblasti ot 60 do 50 percent Te/. 08 p1369 A67-20994
Features of the physical properties of thin layers of the system CdTe-metal /In, Cu, Au/ /Osobennosti fizicheskikh svoystv tonkikh sloev sistema CdTe-metal /In, Cu, Au/. 20 p3513 A67-37448
- PAUL, B.**
Mohr's circle as a phasor transformation. 04 p0657 A67-14850
- PAUL, D., 3RD**
Synthesis of an evolutionary lunar exploration plan. 24 p4238 A67-42988
[AIAA PAPER 67-865]
- PAUL, E., JR.**
Spectra of the noble gases in the 4-mu region. 18 p3082 A67-33876
- PAUL, G. R.**
Fabrication techniques of beryllium metal removal. 24 p4159 A67-41990
[SAE PAPER 670803]
- PAUL, H.**
Quantum mechanical description of the interference between independent nonmonodromatic light beams /Quantenmechanische Beschreibung der Interferenz zwischen unabhaengigen nichtmonochromatischen Lichtstrahlen/. 10 p1663 A67-22866
Disappearance of the laser effect with very strong pumping /Verschwinden des Laser-Effektes bei sehr starkem Pumpen/. 18 p3059 A67-33872
- PAUL, J. W. M.**
Experimental observations of collisionless shock waves in a magnetized plasma. 19 p3294 A67-35408
- PAUL, R.**
Frequency behavior of barrier-layer field-effect transistors /Frequenzverhalten von Sperrschichtfeldeffekttransistoren/. 15 p2447 A67-29644
High frequency properties of MOS transistors. 15 p2449 A67-29805
- PAUL, W.**
Sulfur donor level associated with /100/ conduction band of GaSb. 04 p0873 A67-14476
Effect of pressure on interband reflectivity spectra of germanium and related semiconductors. 13 p2179 A67-27158
Semiconductor-to-metal transition in V sub 2 O sub 3. 13 p2180 A67-27164
Semiconductor-to-metal transitions in transition-metal compounds. 13 p2181 A67-27165
- PAULIKAS, G. A.**
Precipitation of 400-kev electrons in the auroral zone. 03 p0410 A67-12952
Inner-zone electrons in 1964 and 1965. 13 p2191 A67-26324
- PAULIN, A.**
Measurement of the impedance and power input of a cylindrical plasma column at 27 MHz /Messung von Impedanz und Leistungsaufwand einer zylindrischen Plasmasaeule bei 27 MHz/. 10 p1686 A67-23504
- PAULINY-TOTH, I.**
Variable radio sources. 14 p2386 A67-28446
- PAULINY-TOTH, I. I. K.**
A search for radio emission from blue stellar objects and Seyfert galaxies. 03 p0512 A67-14002
Variations in the radio-frequency spectra of 3C 84, 3C 273, 3C 279, and other radio sources. 05 p0891 A67-16401
Variations in the flux density of some quasi-stellar sources. 10 p1705 A67-22955
Observations of the polarization of discrete radio sources at 6-cm wavelength. 13 p2206 A67-27483
- PAULSEN, R. E.**
The electrostatic gyro - A tutorial model. 22 p3800 A67-40185
- PAULSEN, W. H.**
Meteorological significance of vertical density profiles of clouds and precipitation obtained with the AN/TPQ-11 radar. 04 p0650 A67-14689
- PAULSON, K. C.**
A general method of systematic interval computation for numerical integration of initial value problems. 01 p0105 A67-10515
- PAULSON, K. V.**
A note on "auroral-type" fluctuations in the earth's electromagnetic field. 20 p3431 A67-36994
- PAULY, H.**
Measurement of the velocity-dependence of total scattering cross sections for atom-atom collisions in the energy range between 6 and 1000 ev /Messungen der Geschwindigkeitsabhaengigkeit totaler streuquerschnitte fuer Atom-Atom-Stoesse im Energiebereich zwischen 6 und 1000 ev/. 13 p2161 A67-27361
- PAUMGARTNER, G.**
Phagocytic activity and hepatic function following localized proton radiation to the liver. 10 p1599 A67-23814
- PAUTRAT, C.**
Solid-state laser operating continuously at ambient temperature /Laser solide a fonctionnement continu a la temperature ambiante/. 20 p3458 A67-36494
- PAUTRAT, C. C.**
Phosphate glasses - New laser materials /Les verres phosphates - Nouveaux materiaux laser/. 13 p2128 A67-27229
- PAUTRAT, J.-L.**
Charge injection into the oxide of a metal-oxide/semiconductor structure /Injection de charges dans l'oxyde d'une structure metal-oxyde-semi-conducteur/. 09 p1558 A67-22586
- PAVELESCU, D.**
Main parameters of the wear of plane surfaces in alternating motion - Modelling and measuring installation. 20 p3453 A67-36198
- PAVELEV, A. G.**
Distribution of the radio-brightness temperature over the disk of Venus /O raspredele ni radiolarkostno tempuraty po disku Venery/. 13 p2200 A67-27333
- PAVLINISHVILI, E. SH.**
Method of studying secular variations of the geomagnetic field before our era. 12 p1933 A67-25554
- PAVLENKO, G. V.**
Determination of the stable-operation boundary of axial-flow compressor stages by an analytical method /Opredelenie granitsy ustoiichivoi raboty stupenel osevo go kompressora raschetnym metodom/. 21 p3689 A67-38046
- PAVLENKO, I. U. G.**
Doppler frequency shift of an emitter moving in the ionosphere. 13 p2067 A67-26568
- PAVLENKO, N. A.**
Investigation of a neodymium glass laser with a spherical mirror resonator /Issledovanie OKG na neodimovom stekle s rezonatorom iz sfericheskikh zerkal/. 06 p1012 A67-18783
Effect of powerful light fluxes on metals. 08 p1337 A67-20856
Investigation of a neodymium-glass laser with spherical mirrors. 18 p3059 A67-33725
- PAVLENKO, V. A.**
Determination of the Reynolds number in heat transfer relations. 04 p0722 A67-14718
High-sensitivity radio-frequency mass spectrometer for research on the ionic and neutral composition of the upper atmosphere. 12 p1941 A67-25651
- PAVLENKO, V. F.**
Nature of the centers of luminescence in pure cadmium sulfide /O prirode tsentrov svechenia v chistom sernistom kadmii/. 03 p0433 A67-12890
- PAVLICEK, L.**
Simple device for measuring the influence of uniaxial pressure on the transmission factor of semiconductors /Jednoduchy pripravek na mereni vlivu jednooseho tlaku na propustnost polovodcu/. 09 p1551 A67-21657
- PAVLICHENKO, O. S.**
Anomalous decay of a discharge plasma with oscillating electrons in a strong magnetic field /Anomal'nyi raspad plazmy razriada s ostsilirulushchimi elektronami v sil'nom magnitnom pole/. 02 p0278 A67-12620
The influence of a metal vacuum chamber on the measurements of plasma parameters using a diamagnetic probe. 07 p1228 A67-19513
Anomalous decay of the plasma in a PIG discharge in a strong magnetic field. 13 p2170 A67-27376
Plasma drift instability in a discharge with oscillating electrons /Dreifovala neustoiichivost' plazmy razriada s ostsilirulushchimi elektronami/. 15 p2528 A67-29711
Drift instability of a discharge plasma with oscillating electrons /Dreifovala neustoiichivost' plazmy razriada s ostsilirulushchimi elektronami/. 16 p2717 A67-31180
Anomalous decay of a discharge plasma with oscillating electrons in a strong magnetic field /Anomal'nyi raspad plazmy razriada s ostsilirulushchimi elektronami v sil'nom magnitnom pole/. 16 p2717 A67-31181
- PAVLIDIS, T.**
Optimal control of pulse frequency modulated systems. 06 p0977 A67-18524
- PAVLINA, V. S.**
Effect of diffusion upon the thermal stresses in the vicinity of a cylindrical cavity. 03 p0521 A67-13121
- PAVLINOV, L. V.**
Carbon diffusion in refractory metals with a BCC lattice /Diffuzia ugleroda v tugoplavkikh metallakh s OTsk reshetkol/. 01 p0101 A67-10937
Diffusion of carbon in refractory metals with a b.c.c. lattice. 22 p3820 A67-39791

- Diffusion of metallic impurities in zirconium and titanium /Diffuziia metallicheskikh primesel v tsirkonii i titane/. 22 p3820 A67-39823
- PAVLIUCHUK, V. A.**
Feasibility of reducing the pump frequency in an Adler tube. 24 p4130 A67-42240
- PAVLIUK, A. A.**
Certain features associated with the K-state in the alloys Ni-Cr, Ni-Cr-Mo and Fe-Ni-Cr-Mo. 04 p0635 A67-14429
- PAVLIUK, V. A.**
Certain properties of tapered grids /O nekotorykh svoystvakh skoshennykh reshetok/. 07 p1143 A67-19595
- PAVLIUKOVICH, N. V.**
Boundary conditions at a surface subliming into a rarefied multicomponent gas /O granichnykh usloviyakh na poverkhnosti, sublimirulushchey v razrezhennoy mnogokomponentnoy gaz/. 13 p2105 A67-27054
- PAVLIUKOV, A. A.**
Study of the structure of the ordered solid solution in an alnico-titanium alloy /Izuchenie struktury uporiadocheniya tverdogo rastvora v splave al'niko s titanom/. 02 p0254 A67-11864
- X-ray diffraction analysis of the structural transformations in the alloy Alnico with titanium. 19 p3245 A67-35467
- PAVLOV, B. M.**
Calculation of the supersonic viscous flow near the stagnation line of a blunt body /O raschete sverkhzvukovogo viazkogo techeniya vblizi linii tormozheniya zatuplennogo tela/. 14 p2240 A67-27993
- PAVLOV, E. A.**
Investigation of the equivalent circuit of a varactor with an aluminum-titanium dioxide-silicon structure /Issledovanie ekvivalentnoi skhemy varaktora so strukturoy aluminii-dvuoiskis' titana-kremniya/. 03 p0377 A67-13240
- PAVLOV, E. I.**
Suppression of instabilities in a pinch. 09 p1545 A67-22069
- PAVLOV, G. I.**
Possible value of artificial gravity as determined from the electroactive state of skeletal muscles /O vozmozhnoy velichine iskusstvennoy vesomosti, opredelYaemoy po sostoyaniyu elektroaktivnosti skeletnykh myshets/. 13 p2057 A67-26457
- PAVLOV, I. M.**
Special features of gas saturation of certain titanium alloys /Osobennosti gazonasyshcheniya nekotorykh titanovykh splavov/. 07 p1205 A67-19277
- PAVLOV, I. V.**
Effect of viscous friction on the precessional motion of a corrected gyroscope /Vliyaniye viazkogo treniya na pretseSSIONnoye dvizheniye korrektruemogo giroskopa/. 01 p0064 A67-10421
- PAVLOV, K. B.**
MHD rotation of a conducting viscoplastic fluid in an annular channel /Magnitogidrodinamicheskoe vrashcheniye provodiyashchey viazko-plasticheskoy zhidkosti v kol'tsevom kanale/. 01 p0120 A67-10180
- Contribution to the theory of magnetohydrodynamic flows of viscoplastic fluids /K teorii magnitogidrodinamicheskikh techeniy viazko-plasticheskikh zhidkostey/. 04 p0670 A67-15532
- Magnetohydrodynamic Couette flow of viscoplastic media /Magnitogidrodinamicheskoe techeniye Kuetta viazko-plasticheskikh sred/. 06 p1044 A67-18680
- PAVLOV, P. V.**
Study of the diffusion of antimony and indium in germanium, taking the internal electric field into account /Issledovanie diffuzii sur'my i indiya v germanii s uchetoM vnutrennego elektricheskogo polya/. 03 p0489 A67-13149
- Diffusion of indium on a germanium surface /Diffuziia indiya po poverkhnosti germaniya/. 03 p0489 A67-13150
- Investigation of the diffusion of antimony and indium in germanium, including effect of internal electric field. 10 p1690 A67-23098
- Diffusion of indium on the surface of germanium. 10 p1690 A67-23099
- The physical properties of Ge and Si bombarded by different ions of medial energies /20 to 150 keV/. 17 p2916 A67-32839
- PAVLOV, S. T.**
Spin-phonon interaction of electrons and oscillations of longitudinal magnetoresistance

- in semiconductors /O spin-fononnom vzaimodelstviy elektronov i ostslitslitslakh prodol'nogo magnetosoprotivleniya v poluprovodnikakh/. 18 p3099 A67-33697
- PAVLOV, V. A.**
Some new asymptotic representations of the Whittaker functions /Nekotorye novye asimptoticheskie predstavleniya funktsiy Uittkera/. 21 p3652 A67-38109
- PAVLOV, V. E.**
A relationship in atmospheric scattering of light. 09 p1491 A67-21638
- PAVLOV, V. G.**
Modification of the explosion analogy in flows past slender blunt bodies /O vidolizmenenii vzryvnoi analogii pri obtekanii tonkikh prituplennykh tel/. 06 p0936 A67-17732
- PAVLOV, V. V.**
Questions arising in the realization of invariance conditions in multidimensional nonlinear automatic systems /Nekotorye voprosy realizatsii usloviy invariantnosti v mnogomernykh nelineynykh avtomaticheskikh sistemakh/. 03 p0391 A67-13187
- Conditions of absolute invariance and autonomy in multidimensional automatic systems described by differential equations with discontinuous righthand sides /Usloviya absolutnoi invariantnosti i avtonomnosti v mnogomernykh avtomaticheskikh sistemakh, opisyyemykh differentsial'nymi uravneniyami s razryvnol pravol chast'yu/. 03 p0391 A67-13188
- An approach to the study of motion stability /Pro odin podkhod do doslzhdeniya stilkosti rukhu/. 06 p1032 A67-18243
- Features of automatic nonlinear systems, invariant /or autonomous/ to epsilon /Svoystva avtomaticheskikh nelineynykh sistem, invariantnykh /il avtonomnykh/ do epsilon/. 20 p3412 A67-37382
- PAVLOVA, A. A.**
Scattering of electrons in thin copper and gold films. 02 p0297 A67-11834
- PAVLOVA, N. P.**
Dynamic characteristics of secondary particles in pp-interactions at energies of 20 GeV /Dinamicheskie kharakteristiki vtorychnykh chastits iz pp-vzaimodelstviy pri energii 20 GeV/. 24 p4193 A67-42854
- PAVLOVA, Z. I.**
Thermal stability of tungsten carbide - Cobalt alloys /Termoostoiost' splavov karbid vol'frama - Kobalt'/. 03 p0447 A67-13641
- Thermal shock resistance of tungsten carbide-cobalt alloys. 17 p2875 A67-33174
- PAVLOVIC, D. M.**
Development and application of low-noise 6.5 percent Si-Fe sheet. 13 p2178 A67-27139
- PAVLOVICH, L. K.**
Magnetic activity in low latitudes during the IGY /Magnitnaya aktivnost' v srednikh i nizkikh shirotakh v period MGG/. 14 p2309 A67-27940
- PAVLOVSKAIA, E. N.**
Production of one longitudinal mode in a ruby laser. 24 p4169 A67-42894
- PAVLOVSKAIA, S. A.**
Use of straight line techniques for the solution of the front surface problem in the calculation of the geopotential field /Primeneniye metoda pramykh dlia resheniya zadachi o frontal'noi poverkhnosti pri raschete polya geopotentsiala/. 06 p0994 A67-17863
- PAVLOVSKII, M. A.**
Motion of a gyro vertical under starting conditions during a turn /Dvizheniye girovertikal /GV/ v rezhime zapuska na vrazhe ob'ekta/. 09 p1498 A67-22035
- Some gyro instrumental errors /O nekotorykh instrumental'nykh pogreshnostiakh giroskopov/. 11 p1794 A67-25046
- Comment on the integration of "abbreviated" equations of motion of gyroscopes /Zamechanie ob integrirvani "ukorochennykh" uravnenii dvizheniya giroskopov/. 12 p1945 A67-25967
- Effect of production inaccuracies of cardan-suspension gimbals on the dynamic accuracy of a gyroscope /O vliyani pogreshnostei izgotovleniya ramok Kardanovogo podvesa na dinamicheskuyu tochnost' giroskopa/. 14 p2320 A67-28741
- PAVLOVSKII, M. N.**
Concerning the metallic phase of carbon. 01 p0104 A67-10833
- Peculiarities of phase transitions in compression and rarefaction shock

- waves. 23 p3969 A67-40906
- PAVLOVSKII, R. A.**
MHD effects during the motion of a dielectric shell in an electrolyte /Magnitogidrodinamicheskie yavleniya pri dvizhenii dielektricheskoi obolochki v elektrolite/. 01 p0120 A67-10185
- Certain approximations of the electrodynamics of moving media /O nekotorykh priblizheniyakh elektrodinamiki dvizhushchikhsia sred/. 04 p0670 A67-15529
- PAWLAK, G.**
Method for testing a two-stage recovery system /Metoda badaniya dwustopniowego systemu odzyskowego/. 03 p0518 A67-13397
- PAWLAK, E. V.**
A mercury plasma-bridge neutralizer. [AIAA PAPER 67-670] 21 p3691 A67-38704
- Experimental investigation of a 1.5-meter diameter Kaufman thruster. [AIAA PAPER 67-725] 21 p3694 A67-38750
- PAWULA, R. F.**
Generalizations and extensions of the Fokker-Planck-Kolmogorov equations. 12 p1961 A67-26082
- Approximation of the linear Boltzmann equation by the Fokker-Planck equation. 23 p4029 A67-40963
- PAXMAN, D. H.**
The physics of maser materials. 19 p3304 A67-35547
- PAXSON, G. D.**
High-repetition-rate burst pulser. 20 p3397 A67-36527
- PAXTON, H. J. B.**
Solar studies in the extreme ultraviolet using stabilized Skylark rockets. 12 p2008 A67-25826
- PAYNE, A. D.**
Low frequency absorption in isotropic world models. 23 p4063 A67-40777
- PAYNE, C. E. G.**
Olympus 593 control system. 13 p2187 A67-26702
- PAYNE, J. A.**
On the Mayer problem technique for the constrained error coefficient criterion function optimization problem in aerospace guidance and control. 02 p0265 A67-12389
- Optimum design and guidance law formulation of entry vehicles for guidance parameters and temperature accumulation along optimum entry trajectories. 16 p2758 A67-30660
- A generalized linear guidance law for aerospace vehicles. 23 p4026 A67-41732
- PAYNE, J. P., III**
Wideband I.F. time delay steering of array antennas. 16 p2639 A67-31354
- PAYNE, L. E.**
On some non well posed problems for partial differential equations. 07 p1213 A67-19158
- On the stability of solutions of the Navier-Stokes equations and convergence to steady state. 13 p2106 A67-27455
- On some improperly posed problems for the Chaplygin equation. 20 p3478 A67-37574
- PAYNE, R. D.**
A spectrograph for the far-ultraviolet. 22 p3799 A67-39749
- PAYNTER, H. L.**
Weightless liquids. 03 p0404 A67-13890
- PAZZI, G. P.**
Spherical dipole for the Italian San Marco satellite. 17 p2826 A67-32780
- PHELINTSEV, L. A.**
On a test control problem. 01 p0043 A67-10240
- PHELKIN, I. U. M.**
Combustion chambers of gas-turbine engines /Kamery sgoraniya gazoturbinnnykh dvigateley/. 18 p3111 A67-33875
- PEACE, J. B.**
Solid lubricants. 20 p3455 A67-37263
- PEACH, J. V.**
On the optical search for the X-ray sources Cyg X-1 and Cyg X-2. 17 p2937 A67-32649
- PEACH, R. E.**
Jets in a horse and buggy era. 19 p3348 A67-34972
- PEACOCK, D. S.**
Muon solar daily variation at a depth of 60 metres water equivalent. 18 p3116 A67-33514
- PEAKE, D. J.**
Some examples of separation in three-dimensional flows. 05 p0747 A67-16293
- PEAKE, W. H.**
The mutual interpretation of active and passive microwave sensor

- outputs. 01 p0021 A67-10333
- PEAKE, W. T.
Effort inhibition of auditory-nerve responses - Dependence on acoustic-stimulus parameters. 08 p1287 A67-20483
- PEALE, S.
Spin-orbit coupling in the solar system. II. 18 p3136 A67-34587
- PEAR, C. B., JR.
Measurement capabilities of digital transducers with magnetically stored calibration. 01 p0074 A67-11124
- PEARCE, R. M.
Neutron lifetime in a cosmic-ray neutron monitor. 04 p0661 A67-15815
- PEARCE, W. M.
Laminar forced convection in the entrance region between parallel flat plates. [ASME PAPER 66-WA/HT-16] 04 p0608 A67-15449
- PEARL, M. H.
On generalized inverses of matrices. 03 p0461 A67-13939
- PEARLSTEIN, L. D.
Finite beta effects in a weakly unstable plasma. 05 p0858 A67-17430
- PEARSON, A.
Ionospheric stabilization of the interchange mode. 07 p1182 A67-19948
- PEARSON, A.
Measurement of dispersion and interaction impedance characteristics of slow-wave structures by resonance methods. 09 p1476 A67-22212
- PEARSON, A. E.
Performance maintainability in precision attitude control systems. 16 p2763 A67-31646
- PEARSON, A. O.
Adaptive optimal steady state control of nonlinear systems. 21 p3603 A67-38439
- PEARSON, A. O.
Contributions of a developmental integrated life support system to aerospace technology. [AIAA PAPER 67-924] 24 p4117 A67-43020
- PEARSON, B. D., JR.
Preliminary results from the Ames emissivity experiment on OSO-II. [AIAA PAPER 65-651] 03 p0448 A67-13056
- PEARSON, C. E.
Albedo and earth-radiation measurements from OSO-II. [AIAA PAPER 67-330] 12 p1938 A67-26044
- PEARSON, C. E.
A numerical study of the time-dependent viscous flow between two rotating spheres. 14 p2296 A67-27905
- PEARSON, G. A.
Theory of optical mixing by mobile carriers in semiconductors. 02 p0254 A67-12525
- PEARSON, G. A.
Wave propagation near electron cyclotron harmonics in nonuniform plasmas. 08 p1361 A67-21130
- PEARSON, G. A.
Longitudinal modes in magnetized nonuniform plasma columns. 08 p1361 A67-21131
- PEARSON, G. A.
Nonlinear effects of fluctuations in a current-carrying plasma. 15 p2522 A67-29204
- PEARSON, G. A.
Propagation of ion waves in weakly ionized gases. 23 p4032 A67-40960
- PEARSON, G. J.
Superconducting and normal-state thermal conductivity of impure tin. 10 p1687 A67-22761
- PEARSON, G. L.
Lattice vibration spectra of GaAs sub x P sub 1 sub -x single crystals. 03 p0495 A67-13514
- PEARSON, G. L.
The application of crystal field theory to the electrical properties of Co impurities in GaP. 06 p1061 A67-18926
- PEARSON, G. L.
Crystal-field spectra of 3d super n impurities in II-VI and III-V compound semiconductors. 21 p3682 A67-38388
- PEARSON, G. S.
Composite solid propellant ignition - Ignition of ammonia and other fuels by perchloric acid vapor. 06 p1073 A67-18869
- PEARSON, G. S.
Perchloric acid flames. IV. 14 p2406 A67-28544
- PEARSON, G. S.
Perchloric acid flames. V. 14 p2406 A67-28545
- PEARSON, G. S.
Perchloric acid flames. VI. 14 p2406 A67-28546
- PEARSON, G. S.
Perchloric acid flames. III. 18 p3109 A67-33841
- PEARSON, G. S.
Catalyzed ignition of composite propellant fuels by perchloric acid vapor. 23 p4048 A67-41761
- PEARSON, J. B.
On nonlinear least-squares filtering. 20 p3410 A67-37319
- PEARSON, J. D.
The effect of the upper sideband on the performance of a parametric amplifier. 06 p0966 A67-17575
- PEARSON, J. D.
An S-band parametric amplifier using a balanced idler circuit. 06 p0966 A67-17580
- PEARSON, J. R. A.
The effect of the variation of surface tension with temperature on the motion of bubbles and drops. 08 p1321 A67-20711
- PEARSON, J. R. A.
The lubrication approximation applied to non-Newtonian flow problems - A perturbation approach. 24 p4145 A67-43086
- PEARSON, K. G.
Aeroelasticity as a consideration in aerodynamic design of rolling, unguided, research rockets. 08 p1416 A67-20529
- PEARSON, K. L.
A 200-nanosecond thin film main memory system. 19 p3189 A67-36063
- PEARSON, K. V.
Nucleonic fuel gaging systems for spacecraft. 05 p0841 A67-16536
- PEARSON, L. W.
Effects of slot suction on turbulent boundary layer separation. [AIAA PAPER 67-197] 06 p0988 A67-18442
- PEARSON, M. D.
Satellite pressure topography mapping. 02 p0262 A67-12367
- PEARSON, M. D.
A gyroless solar pointing attitude control system for the Aerobee sounding rocket. 08 p1409 A67-20540
- PEARSON, M. D.
A gyroless solar pointing attitude control system for the Aerobee sounding rocket. 24 p4242 A67-42905
- PEARSON, P. H. O.
Seasonal variations of density, temperature and pressure between 40 and 90 km, Woomera, South Australia, March 1964-March 1965. 01 p0061 A67-11260
- PEARSON, R. D.
On the two-dimensional unsteady flow of compressible fluids. 12 p1928 A67-25357
- PEARSON, R. E.
Analogous studies of simultaneous conductive and radiative heat transfer. 03 p0535 A67-13464
- PEARSON, R. F.
Faraday rotation in YIG. 23 p4041 A67-41184
- PEASE, M.
Application of Lie algebraic theory to microwave networks. 12 p1919 A67-25979
- PEASE, R. S.
Confinement of plasma heated by ion cyclotron resonance in the C stellarator. 03 p0485 A67-14049
- PEAT, A. E.
Fuel related problems in engine fuel systems. [SAE PAPER 660714] 01 p0140 A67-10603
- PEAVEY, C. D.
Airport accessibility - A growing problem in the jet age. [SAE PAPER 670322] 12 p1925 A67-25868
- PEAVY, B. A.
Determination and smoothing of Fourier coefficients representing piecewise continuous functions. 16 p2698 A67-31543
- PECCI, G.
Research on the concentration of contaminants contained in the liquid breathing oxygen in aircraft converters /Indagine sulla concentrazione degli inquinanti dell'ossigeno liquido avio nei convertitori di bordo/. 16 p2619 A67-31475
- PECHACEK, R. E.
Electromagnetic wave scattering from a high-temperature plasma. 22 p3849 A67-39699
- PECHENOV, A. N.
Laser emission in electron-beam excited ZnSe. 07 p1197 A67-20183
- PECHHOLD, W.
Amplitude-dependent internal friction and defect structures in aluminum. I - Measuring methods /Amplitudenabhängige Dämpfung und Moduldefekt in Aluminium. I - Messmethoden/. 01 p0067 A67-10842
- PECHHOLD, W.
Amplitude-dependent internal friction and defect structures in aluminum. IV - Investigation of the critical shearing stress /Amplitudenabhängige Dämpfung und Moduldefekt in Aluminium. IV - Untersuchung zur kritischen Schubspannung/. 01 p0101 A67-10845
- PECHIL, K. T.
Light absorption by uranium glass in an excited state /Pogloshchenie sveta uranovym steklom v vzbuzhdennom sostoyanii/. 03 p0436 A67-13141
- PECHNIKOV, V. P.
Effect of the boundary conditions on the stability of an orthotropic conical shell under external load /Vliyanie granichnykh uslovii na ustoychivost' ortotropnoi konicheskoi obolochki, nagruzhennoi vneshnim davleniem/. 12 p2027 A67-25622
- PECHURINA, S. V.
Investigation of the influence of a longitudinal magnetic field on the operation of a He-Ne laser in a pulsed regime /Issledovanie vliyania prodol'nogo magnitnogo polia na rabotu He-Ne lazera v impul'snom rezhime/. 18 p3061 A67-34043
- PECHURKIN, N. S.
Calculation of reversible ferrite phase shifters /K raschetu obratimogo ferritovogo fazovrashchatella/. 02 p0301 A67-12673
- PECINA, R. G.
Microwave phased-array antennas. 13 p2083 A67-27566
- PECK, C. F., JR.
Airplane take-off and landing paths. 21 p3568 A67-38809
- PECKHAM, G.
Remote temperature sensing of the earth's atmosphere using a selective chopper radiometer. 22 p3805 A67-40356
- PECKINPAUGH, C.
The design and fabrication of a thin film hybrid subaudio active filter. 18 p3015 A67-34559
- PECORA, W. T.
Surveying the earth's resources from space. 10 p1735 A67-23688
- PECORARO, J. N.
Contributions of a developmental integrated life support system to aerospace technology. [AIAA PAPER 67-924] 24 p4117 A67-43020
- PECKZKOWSKI, J. L.
A format method for generating Liapunov functions. 04 p0593 A67-15415
- PEDERSEN, A.
Measurements of ion concentrations in the D-region of the ionosphere. 03 p0412 A67-13367
- PEDERSEN, R. J.
Development and construction of Gerdlen condenser rocket probes. 03 p0518 A67-13368
- PEDERSEN, R. J.
Inflatable Mylar parachutes for high altitudes. 03 p0359 A67-13369
- PEDERSEN, R. J.
Effect of film resistance on low-impedance tunneling measurements. 07 p1234 A67-20101
- PEDERSON, R. N.
Pointwise bounds for solutions of semilinear parabolic equations. 04 p0647 A67-15739
- PEDERSON, R. N.
Uniqueness in Cauchy's problem for elliptic equations with double characteristics. 20 p3475 A67-36456
- PEDINOFF, M. E.
Ultrasonic interferometer-laser optical diffraction cell for rapid determination of the velocity of sound in liquids. 21 p3630 A67-38772
- PEDLEY, T. J.
The stability of rotating flows with a cylindrical free surface. 24 p4144 A67-42568
- PEDLOSKY, J.
Linear theory of rotating stratified fluid motions. 19 p3209 A67-35410
- PEDLOSKY, J.
On the steady motions produced by a stable stratification in a rapidly rotating fluid. 23 p3990 A67-41170
- PEDLOSKY, H.
Development of an Altair IA igniter containing a nonelectric stimulus transfer system. 08 p1372 A67-20525
- PEEBLES, P. J. E.
Primordial helium abundance and the primordial fireball. II. 03 p0515 A67-14322
- PEEBLES, P. J. E.
The gravitational instability of the universe. 11 p1860 A67-24483
- PEEBLES, P. J. E.
The primeval fireball. 15 p2562 A67-30085
- PEEBLES, P. J. E.
Upper limit on the mean mass density due to galaxies. 17 p2944 A67-32638
- PEEHS, M.
Thermionic nuclear power systems in the range from 5 to 50 kwe /Thermionische Kernreaktor-Energieversorgungsanlagen fuer einen Leistungsbereich von 5 bis 50 kwe/. 04 p0559 A67-15964
- PEEK, J. M.
Theory of dissociation of H sub 2 super plus by fast electrons. 09 p1535 A67-22378
- PEEK, J. R.
Reduce thin-film circuit size. 02 p0215 A67-11972
- PEEK, J. R.
Design of thin film resistor and capacitor circuits. 14 p2287 A67-28611

- PEEK, TH. H.
Resonator Q modulation of gas lasers with an external moving mirror. 06 p1011 A67-18758
- PEELER, D. L.
Automatic checkout systems for Titan III and Apollo guidance computer programs. 08 p1297 A67-20632
- PEERENBOOM, R. E.
The MECCA system - A modified list processing application for library collections. 02 p0207 A67-11812
- PEERLESS, S. J.
Basic Fluid Mechanics. 15 p2473 A67-30231
- PEERY, D. J.
Prestressed, jettisonable structure for advanced upper stages. [SAE PAPER 660683] 01 p0161 A67-10586
- PEFFLEY, W. M.
Transient high energy radiation response in the thin-film transistor. 04 p0589 A67-15718
- PEGUIN, P.
Calculation of the behaviour of a bar during a high-strain-rate tensile test. 14 p2400 A67-28523
- PEHRSON, J. H.
On-board checkout for advanced space missions. [SAE PAPER 660461] 01 p0153 A67-10568
- PEI, D. C. T.
The effect of fluid turbulence on the rate of heat transfer from spheres. 13 p2225 A67-27466
- PEI, R. Y.
Instantaneous impact point analysis. 22 p3831 A67-39610
- PEIKOTO, M. M.
On an approximation theorem of Kupka and Smale. 13 p2146 A67-27095
- PEKAR, I. A.
Transverse separation of the components of a mixture in the positive column of a glow discharge. 09 p1545 A67-21998
- PEKAR, S. I.
Intermolecular interaction and the equation of state for a highly excited gas /Mezhmolekularnoe vzaimodelstvie i uravnenie sostoiianiia vysokovozbuzhdenogo gaza/. 06 p0991 A67-18802
- Intermolecular interaction and the equation of state of a highly excited gas. 18 p3029 A67-34421
- PEKAREK, L.
A general solution of linearized equations for wave phenomena in plasma. 14 p2353 A67-27754
- PEKELIS, E. M.
Numerical method for calculation of the finite amplitude orographic disturbances - Two-dimensional problem /Chislennyi raschet orograficheskikh vozmushchenii konechnoi amplitudy - Ploskala zadacha/. 05 p0837 A67-16484
- A numerical calculation of finite-amplitude orographic disturbances - The two-dimensional problem. 13 p2150 A67-26340
- PEKUROVSKII, L. E.
Transfer coefficients for a partially ionized two-temperature plasma with different ion and neutral-particle masses /Koeffitsienty perenosa dlia chastichno ionizovannoi dvutemperaturnoi plazmy s raznymi massami ionov i neitral'nykh chastits/. 20 p3500 A67-37049
- PEL, E. G.
Instability of an electron-hole plasma of a semiconductor, caused by nonlinearity of the current-voltage characteristic /Neustoiichivost' elektronodnyrochnoi plazmy poluprovodnika, obuslovlennaya nelineinost'iu vol'tampennykh kharakteristik/. 05 p0867 A67-17058
- Instability of electron-hole plasma in semiconductor, caused by non-linearity of voltage-current characteristics. 06 p1070 A67-18988
- Instability of the electron-hole plasma in a semiconductor due to the nonlinearity of the current-voltage characteristics. 15 p2538 A67-29789
- PELAEZ, A. S.
Admiralty jurisdiction - The sky's the limit. 12 p2040 A67-25486
- PELANNE, C. M.
A cryogenic heat-flow-meter apparatus. 22 p3803 A67-40298
- PELCHAT, G. M.
Relationships between squinted, sum and difference radiation patterns of amplitude monopulse antennas with mutual coupling

- between feeds. 19 p3197 A67-35824
- PELEKIS, L. L.
A test of the hermetic seal of semiconductor devices by radioactive xenon-133 gas /Proverka germetichnosti poluprovodnikovyykh priborov radioaktivnym gazom ksenon-133/. 14 p2324 A67-28280
- PELEN, J.
Participation of the computer company group in the final tests of the FR 1 and D 1 satellites /Participation de la compagnie des compteurs aux essais de controle final des satellites FR 1 et D 1/. 07 p1163 A67-19530
- A new attitude-restoration magnetometer /Un nouveau magnetometre de restitution d'attitude/. 16 p2700 A67-30658
- PELENSKII, R. A.
Investigation of the performance of silicon AC strain gages operating in the static and dynamic modes /Issledovanie raboty kremnievyykh tenzodatchikov na peremennom toke v staticheskoi i dinamicheskoi rezhimakh/. 22 p3798 A67-39569
- PELEICHENKO, I. P.
Possibilities of correcting devices in measurements of instantaneous temperatures in unsteady gas flows /O vozmozhnostyakh korrektsionnykh ustroystv pri izmerenii mgnovennykh temperatur v nestatsionarnykh gazovykh potokakh/. 13 p2118 A67-26352
- Instantaneous heat release by thin wires in unsteady gas flows /Mgnovennaya teplootdacha tonkikh provolok v nestatsionarnom gazovom potoke/. 21 p3733 A67-38913
- PELETIER, L. A.
Some comments on linear wave equations. 09 p1533 A67-22400
- PELETSKII, V. E.
Thermal conductivity and emissivity of niobium at temperatures above 1000 deg C. 09 p1517 A67-21856
- Thermophysical properties of heat-resistant tungsten-rhenium alloy VR-27-VT. 12 p1956 A67-25758
- Thermophysical properties of tantalum at temperatures above 1000 deg C. 16 p2692 A67-31771
- Study of the emissivity of tungsten cermet /Issledovanie izluchatel'noi sposobnosti metallokeramicheskogo vol'frama/. 20 p3466 A67-36913
- PELHATE, M.
Utilization of the Doppler effect obtained by reflection of centimeter waves on a detonation front propagating in gas mixtures /Utilisation de l'effet Doppler obtenu par reflexion d'ondes centimetriques sur le front de la detonation se propageant dans des melanges gazeux/. 01 p0186 A67-10229
- Reflection of an electromagnetic wave on the front of a detonation wave in gaseous mixtures /Reflexion d'une onde electromagnetique sur le front d'onde de detonation dans les melanges gazeux/. 17 p2970 A67-32806
- PELIKAN, H.
Theory of coupled mode oscillation in a laser with axial magnetic field. 16 p2686 A67-31562
- PELIKAN, L.
An RC network project for the stabilization of a tunnel diode /Navrh clenou RC pro stabilizaci tunelove diody/. 14 p2283 A67-28041
- PELIKAN, M.
Contribution to the determination of satellite and astronomical refraction /Ein Beitrag zur Bestimmung der Satelliten-und astronomischen Refraktion/. 13 p2199 A67-26854
- PELL, W. H.
Deflection of centrally loaded thin circular elastic plates on equally spaced point supports. 05 p0917 A67-16366
- PELLAT, R.
Convective modes driven by density gradients. 10 p1685 A67-23462
- Effect of ion-ion collisions and shear on resistive drift modes. 11 p1834 A67-24374
- Calculation of the statistical entropy of a plasma out of equilibrium /Calcul de l'entropie statistique d'un plasma hors d'equilibre/. 24 p4196 A67-42158
- PELLEGRINI, B.
Active directional couplers /Accoppiatori direzionali attivi/. 13 p2081 A67-27198
- PELLEGRINI, C. A.
System performance of control systems with two nonlinearities. 08 p1310 A67-20342

- PELLEGRINI, F.
Analysis of airglow, in OH bands for the determination of temperature between 50 and 250 km /Analisi dell'airglow, nelle bande dell' OH, per la determinazione della temperatura da 50 a 250 km/. 07 p1172 A67-19562
- PELLEGRINI, J. P., JR.
Improved phenothiazine antioxidants for synthetic lubricants. 09 p1520 A67-21705
- PELLEGRINI, P. F.
Three-frequency transmission system for ionospheric research satellites /Sistema trasmettente a tre frequenze per satelliti ionosferici/. 20 p3394 A67-36246
- An electrostatic probe for ionospheric measurements of electron density and temperature. II /Una sonda elettrostatica per misure ionosferiche di densita e temperatura elettronica. 20 p3441 A67-36383
- On board devices for low current measurements. 21 p3599 A67-38634
- PELLEGRINI, U.
PCM telemetry for ELDO satellite test vehicle. 06 p0957 A67-17613
- PELLEGRINO, J. A.
The design and development of a computer driven electroluminescent vertical scale indicator. 05 p0805 A67-16310
- PELLETIER, E.
Monitoring of transparent thin films differing in optical thickness - Application to very thin films /Controle de couches minces transparentes d'epaisseurs optiques quelconques - Application a des couches extremement minces/. 13 p2181 A67-27232
- PELLETIER, R.
The SIMAC - Its use with a photographic plate or an electronic camera /Le SIMAC - Utilisation avec une plaque photographique ou une camera electronique/. 20 p3439 A67-36350
- PELLICORI, R. H.
The system of lunar craters, quadrant IV. 01 p0152 A67-11331
- PELLICORI, S. F.
Solid organic filters for 2000 angstrom units to 3000 angstrom units. 03 p0470 A67-14393
- An automatic polarimeter for space applications. 15 p2492 A67-30435
- PELLIGRA, R.
Development of a standard prolonged work test for the evaluation of fatigue and stress in man. 10 p1600 A67-23817
- PELLING, R. M.
The upper limit solar gamma-ray spectrum to 10 Mev. 04 p0693 A67-14974
- PELLISSIER, G. E.
An investigation of the mechanical properties and microstructures of 18Ni /250/ maraging steel weldments. 16 p2692 A67-31868
- PELLISSIER, J.-P.
Frequency stabilization for a reflex klystron using a varactor diode modulator /Stabilisation de frequence pour klystron reflex utilisant un modulateur a diode varactor/. 20 p3396 A67-36327
- PELLMANN, R. R.
Power conditioning reliability improvement through standby redundancy and automatic failure detection. 24 p4108 A67-42539
- PELLOUX, R. M. N.
The analysis of fracture surfaces by electron microscopy. 16 p2772 A67-31300
- Fatigue crack propagation under program and random loads. 24 p4171 A67-41954
- PELOUCH, J. J., JR.
Investigation of a submerged nozzle for solid rockets. 15 p2547 A67-29994
- PELUPESSY, B.
Knudsen forces in the intermediate pressure range. 04 p0603 A67-14731
- PELZ, D.
Pressure conversion constants for magnetron ionization gauges. 23 p4004 A67-41356
- PELZER-BAWIN
Problem of the circular, diametrically loaded ring /Le probleme de l'anneau circulaire avec charge diametrale/. 04 p0715 A67-15603
- PEMBERTON, L. F.
Application of image processing research to the retrieval of filmed data. 07 p1148 A67-19745
- PENCE, R. E.
Oxidation of molybdenum particles by

- electron microscopy at various temperatures. 24 p4172 A67-41978
- PENCHINA, C. M.
Measurement of lifetimes in photoconductors by means of optical beating. 06 p1005 A67-18715
- PENCIOLELLI, G.
Developmental tests of a white light standard for colorimetry. II /Essais de realisation d'un etalon de lumiere blanche pour la colorimetrie. II/. 23 p3999 A67-41180
- PENDELEY, R. E.
Turbofan-engine noise suppression. [AIAA PAPER 66-389] 15 p2548 A67-30357
- PENET, M.
Hardness of certain polyesters copolymerized with styrene - Reticulation and temperature effects /La durete de certains polyesters copolymerises avec du styrene - Influence de la reticulation et de la temperature/. 05 p0759 A67-18787
- PENEV, V. N.
Investigation of the generation of rho super plus and n super ' super plus super plus resonances in the pi super plus p goes to pi super plus p pi super 0 reaction at a pi super plus -meson momentum of 2.34 GeV/c /Issledovanie rozhdeniya rezonansov rho super plus i n super ' super plus super plus v reaktsii pi super plus p goes to pi super plus p pi super 0 pri impul'se pi super plus -mezonov 2,34 GeV/c. 24 p4193 A67-42856
- PENFIELD, H.
A search for the lambda-doublet transition in the super 2 pi sub 1/2, J equals 1/2 state of OH. 13 p2198 A67-26715
Observations of OH emission in the H II region W3 with a 74400 lambda interferometer. 14 p2389 A67-28845
- PENFIELD, P.
Further generalization of waveguide theorems. 09 p1464 A67-22091
- PENFIELD, P., JR.
Electrodynamics of moving media. 20 p3500 A67-37087
- PENFOLD, A. S.
Development of electrodeless MHD accelerator technology. 21 p3607 A67-37778
Current measurements in high-voltage radio frequency plasma discharges. 23 p4001 A67-41224
- PENG, K. C.
The design and analysis of scientific experiments. 12 p1961 A67-25560
- PENG, T. C.
Low energy-density electric shock tube. 14 p2293 A67-28752
Shock-tube molecular beam for O at 3 ev. 17 p2835 A67-33361
- PENIN, N. A.
Effect of uniaxial compression on the jump conductivity of p-type silicon /Vlianie odnoosnogo szhatia na pryzhkovuyu provodimost' v p-Si/. 04 p0679 A67-15145
Effect of jump-like motion of electrons on the EPR spectrum of phosphorus in strongly doped n-silicon /Vlianie pryzhkovogo dvizheniya elektronov na spektr EPR fosfora v sil'no legirovannom kremnii. 05 p0887 A67-17055
Influence of uniaxial compression on hopping conduction in p-type Si. 12 p1979 A67-25168
Spontaneous recombination radiation of indium arsenide diodes /Spontannoe rekombinatsionnoe izluchenie diodov iz arsenida indila/. 12 p1914 A67-25516
Influence of the hopping motion of electrons on the EPR spectrum of phosphorus in heavily doped n-type silicon. 15 p2538 A67-29786
Spontaneous recombination radiation of indium arsenide diodes. 18 p3012 A67-34447
- PENKIN, N. P.
The absolute oscillator strength of the resonance transition in the sodium atom. 14 p2329 A67-28248
- PENKINA, N. V.
Optical properties of diluted solid solutions of silver and gold /Opticheskie svoystva razbavlennykh tverdykh rastvorov serebro-zoloto/. 02 p0255 A67-18170
- PENKINA, V. S.
Investigation of a hydrogen plasma with "hot" electrons. 21 p3666 A67-38368
- PENN, D. R.
Antiferromagnetism in simple metals. 12 p1985 A67-25849
- PENNENDORF, R.
Frequency of spread-F occurrence over Antarctica. [AGARDOGRAPH 95] 15 p2481 A67-30282
- PENNER, J. E.
Testing and evaluation of polymeric materials for use in expulsion bladders for cryogenic liquids. [AIAA PAPER 87-457] 18 p3069 A67-33931
- PENNER, S. S.
Convective laminar heat transfer with combustion for a Lewis number of unity. 09 p1579 A67-21699
Phase-change problems with variable surface temperatures. 10 p1733 A67-23119
Parametric solution of the one-dimensional flow equations with heat addition. 16 p2591 A67-30944
Thermodynamic considerations of droplets and bubbles. 17 p2971 A67-33043
Simplified procedures for estimating band and total emissivities of polyatomic molecules. 18 p3152 A67-33817
- PENNEY, A. W., JR.
PTM single-pulse selection from a mode-locked Nd super 3 super plus -glass laser using a bleachable dye. 01 p0091 A67-10875
Generation and amplification of a subnanosecond laser pulse. 17 p2869 A67-33063
- PENNEY, J. A.
Non-reciprocal ferrite devices at microwave frequencies. 11 p1758 A67-24060
- PENNIE, D. F.
Hermetically-sealed package for electronic circuits. 21 p3595 A67-38340
- PENNINGTON, K. S.
Multicolor imaging from holograms formed on two-dimensional media. 15 p2491 A67-30431
- PENNUCCI, N.
Degradation phenomena of operating life in gallium arsenide electroluminescent diodes. 10 p1615 A67-23526
- PENNY, R. K.
The creep of spherical shells containing discontinuities. 16 p2776 A67-31558
- PENSTON, M. V.
Anisotropic distribution of quasars with large redshift. 07 p1250 A67-19666
- PENTECAST, E. E.
Synthesis of computationally efficient sequential linear estimators. 11 p1764 A67-24443
- PENTSOV, V. M.
Resonance transition of a rod with nonlinear supports /Perekhod cherez rezonans sterzhnia s nelinelnymi oporam/. 06 p1109 A67-18686
Limitations of the small-parameter method in the problem of the passage through the resonance point of a nonlinear single-mass system /Ob ogranichenosti metoda "malogo parametra" v zadache o perekhode cherez rezonans nelinelnol odnomassovoi sistemy/. 23 p4026 A67-40686
- PENZIAS, G. J.
Spectral radiance measurements of model rocket exhaust gases at simulated altitude, using a rapid scanning spectrometer. [AIAA PAPER 87-10] 06 p1116 A67-18346
Spectral radiances of model rocket exhaust gases at simulated altitude measured with a rapid-scanning spectrometer. [AIAA PAPER 87-10] 19 p3346 A67-35761
- PENZIN, V. I.
Optimality conditions for supersonic flows with oblique shock wave followed by heat influx /Ob usloviakh optimal'nosti sverkhzvukovykh techenii s kosymi skachkami uplothenia i posledulushchim teplopodvodom/. 04 p0550 A67-15898
- PENZO, P. A.
The extended stay lunar exploration mission. 08 p1394 A67-21109
Complete lunar accessibility for Apollo. 13 p2199 A67-27215
- PEPE, J. J.
Effects of constitutional liquation in 18-Ni maraging steel weldments. 22 p3812 A67-39448
- PEPELKO, W. E.
Long-term effects of an oxygen environment on a rat colony at 210 mm Hg absolute. 05 p0755 A67-16285
Adaptation of dogs to 60 and 90 mm. Hg CO sub 2 at a total pressure of 280 mm. Hg. 23 p3950 A67-41537
- PEPERONE, S. J.
Fluoric integrated circuits. 16 p2610 A67-31722
- PEPI, J. S.
Performance characteristics of an automatic platform tilt stabilization and vibration isolation system. [AIAA PAPER 87-548] 19 p3208 A67-35946
- PEPIN, A. K.
Development of the third level airline industry. [SAE PAPER 670241] 13 p2054 A67-27295
- PEPIN, E.
Perspectives on the teaching and study of space law in the world /Perspectives de l'enseignement et de l'etude du droit spatial dans le monde/. 16 p2782 A67-30789
- PEPIN, H.
Linear autodyne circuit /Montage autodyne lineaire/. 19 p3202 A67-35791
- PEPIN, R. O.
Trapped neon in meteorites. 07 p1249 A67-19536
- PEPPER, R. S.
The synthesis of integrable, nearly sinusoidal, potentially bistable oscillators. 06 p0967 A67-17812
- PEPPER, W. B.
Nylon trailing antenna line. 11 p1743 A67-24359
A 20-ft-diam ribbon parachute for deployment at dynamic pressures above 400 psf. 13 p2054 A67-27598
- PERALA, R. A.
Noise in p-i-n junction diodes. 13 p2079 A67-26875
- PERCHANOK, T. M.
Some peculiarities in He-Ne laser performance in the pulsed regime /O nekotorykh osobennostyakh raboty He-Ne lazera v impul'snom rezhime/. 06 p1012 A67-18784
Some features of pulsed operation of a He-Ne laser. 18 p3059 A67-33726
Investigation of the influence of a longitudinal magnetic field on the operation of a He-Ne laser in a pulsed regime /Issledovanie vlianiia prodol'nogo magnitnogo polia na rabotu He-Ne lazera v impul'snom rezhime/. 18 p3061 A67-34043
- PERCIVAL, I. C.
Cross sections for collisions of electrons with hydrogen atoms and hydrogen-like ions. 04 p0671 A67-15842
- PERCIVAL, P. J.
Integrated data processing for a high altitude simulation system. 20 p3413 A67-36464
- PERCUS, J. K.
Kinetic equations and density expansions - Exactly solvable one-dimensional system. 11 p1824 A67-25078
- PERCY, J. H.
Quadrilateral finite element in elastic-plastic plane-stress analysis. 06 p1111 A67-18883
- PERCY, M. J.
Burst strength of rotating discs. 09 p1502 A67-21554
- PERDRIEL, G.
Temporary blindness by lightning strike in flight /Cecite temporaire par foudrolement en vol/. 23 p3945 A67-41069
Retinal angiomatosis and aircrew fitness /Angiomatose retinienne et aptitude au personnel navigant/. 23 p3945 A67-41071
- PERECHODKIN, S.
Ion mass spectrometers with magnetic deviation and their applications to the study of the ionosphere /Spectrometres de masse ionique a deviation magnetique et leurs applications a l'etude de l'ionosphere/. 21 p3628 A67-38657
- PEREDERII, S. K.
Cylindrical shell under a stationary radial load distributed over an annular section of the shell surface bounding a cross section of the shell /Tsilindricheskaya obolochka pod deistviem postoiannoi radial'noi nagruzki, raspredelennoi na uchastke poperechnogo sечения/. 05 p0915 A67-16222
- PEREGUD, B. P.
Magneto-hydrodynamic instabilities during electrical explosion. 01 p0126 A67-11296
Magnetic confinement systems with minimum-B toroidal fields // "Tornado"/. 09 p1545 A67-22005
- PEREGUDOV, G. V.
Lasers based on solutions of rare-earth chelates /Opticheskie kvantovye generatory na rastvorakh redkozemel'nykh khelatov/. 10 p1664 A67-23068
- PEREIASLOVA, N. K.
Registration of cosmic rays on the

- artificial earth satellite
"Cosmos-17." 11 p1856 A67-24075
- PEREK, L.
A dynamical model of the
Galaxy. 05 p0897 A67-16804
- PEREL, J.
Cesium ion sputtering of aluminum,
copper, and titanium.
[AIAA PAPER 66-203] 05 p0871 A67-17349
Research on a charged particle bipolar
thruster.
[AIAA PAPER 67-728] 21 p3694 A67-38752
- PEREL, V. I.
Instability of a high-frequency discharge
in a magnetic field. 06 p1039 A67-18081
Conditions for the existence of slow and
fast recombination waves in semiconductors
/Usloviya sushchestvovaniya medlennykh i
bystrykh rekombinatsionnykh voln v
poluprovodnikakh/. 18 p3099 A67-33696
- PERELMAN, A. I.A.
Structure of the light field at small angles
/Struktura svetovogo polya pod malymi
uglami/. 01 p0107 A67-10125
Concerning the solution of integral
equations of the first kind with a product-
dependent kernel /O reshenii integral'nykh
uravnenii I roda s ladrom, zavyslasyachim ot
proizvedeniya/. 09 p1524 A67-21872
- PERELMAN, A. M.
Determination of the statistical
characteristics of a nonlinear tracking
system. 20 p3409 A67-37201
- PERELMAN, I. I.
Method for making step-by-step selection
systems self-adaptive /Odin sposob
samonastroyki shagovykh polskovykh
sistem/. 15 p2455 A67-29123
- PERELMAN, M. E.
Fiber laser without a resonator
/Bezrezonatornyi volokonnyi
lazer/. 08 p1337 A67-21203
- PERELMAN, T. L.
Diffusion in binary systems in a critical
state. 04 p0727 A67-15683
On determination of the heat transfer
coefficient in simultaneous conductive and
convective heat transfer. 04 p0730 A67-15817
Self-similar solutions for the problem of
recombination plasma decay /Avtomodel'nye
resheniya zadachi o rekombinatsionnom
raspade plazmy/. 15 p2531 A67-30011
Problems of unsteady heat transfer
between a body and a fluid flowing around
it /Voprosy nestatsionarnogo teploobmena
mezhdu telom i obtekayushchim ego potokom
zhidkosti/. 17 p2972 A67-33071
Automodel solutions of the problem
relating to the recombination decay of
plasma. 20 p3502 A67-37536
- PERELMUTER, V. M.
Analysis of a combined control system
with an automatic adjustment of the
disturbance control. 01 p0044 A67-10242
Adjusting the amplification factor of
control systems in response to a
perturbation /Pro nastroyuvaniya koeffitsienta
pidslenniya v sistemakh reguliruyaniya za
zburenniyami/. 03 p0389 A67-13080
- PERELOMOV, A. M.
Ionization of atoms in an alternating
electric field. 03 p0474 A67-14375
- PEREPUKHOV, V. A.
Aerodynamic characteristics of a sphere
and a blunt cone in a highly rarefied gas
flow /Aerodinamicheskiye kharakteristiki
sfery i zatuplennogo konusa v potoke sl'no
razrezhennogo gaza/. 13 p2052 A67-27620
- PERESLEGINA, N. V.
Cosmic ray variations according to the
Zond 3 and Venera 2 probes /Variatsii
kosmicheskikh luchei po dannym stantsii
Zond-3 i Venera-2/. 05 p0884 A67-17025
Measurement of protons of solar origin
with energies from 1 to 5 Mev during the
flights of the Venera-2, Venera-3, and Zond-3
stations /Izmereniya pri polete stantsii
Venera-2, Venera-3 i Zond-3 protonov
solnechnogo proiskhozhdeniya s energiei 1-5
Mev/. 06 p1077 A67-17841
Measurement of the intensity of the
penetrating radiation at the surface of the
moon. 08 p1385 A67-20841
Measurements of the cosmic ray intensity
during the flight of the Zond-3 automatic
space probe. 10 p1701 A67-23230
Cosmic-ray studies in interplanetary space
and on the moon. 12 p1892 A67-25123
Measurements of the penetrating radiation
intensity on the moon's
surface. 18 p3122 A67-34143
- Eleven-year cycle of cosmic-ray intensity
beyond the earth's magnetosphere /11-letniy
khod intensivnosti kosmicheskikh luchei vne
magnitosfery zemli/. 23 p4055 A67-41101
Cosmic-ray variations in various regions of
interplanetary space, according to data from
the Zond 3 and Venera 2 stations /Variatsii
kosmicheskikh luchei v razlichnykh
oblastyakh mezplanetnogo prostranstva, po
dannym stantsii Zond-3 i
Venera-2/. 23 p4055 A67-41102
Measurement of sun-emitted 1 to 5-Mev
protons on Venera 2 and 3 and Zond 3
stations /Izmereniya pri polete stantsii
Venera-2, Venera-3 i Zond-3 protonov
solnechnogo proiskhozhdeniya s energiei 1-5
Mev/. 23 p4056 A67-41112
- PEREVERZEV, D. A.
On some steady state temperature fields
in semilinear solids with cylindrical heat
sources. 16 p2779 A67-31204
- PEREVERZEV, I. U. A.
Light absorption by uranium glass in an
excited state /Pogloshchenie sveta uranovym
steklom v vozvuzhdennom
sostoyanii/. 03 p0436 A67-13141
- PEREYRA, V.
Iterative methods for solving nonlinear
least squares problems. 13 p2147 A67-27171
On the construction of discrete
approximations to linear differential
expressions. 18 p3072 A67-34394
- PEREZ, J. M.
Thermal stability characteristics of some
mineral oil and hydrocarbon hydraulic fluids
and lubricants. 16 p2695 A67-31754
- PERGAMENT, H. S.
A model of chemical releases leading to
upper-atmospheric chemi-ion formation.
[AIAA PAPER 67-148] 06 p0995 A67-18360
Thermal and chemi-ionization processes in
afterburning rocket
exhausts. 18 p3152 A67-33820
- PERICART, J.
Two-phase cycles for MHD conversion with
the aid of liquid metals /Cycles a deux
phases pour la conversion M.H.D. a l'aide de
metaux liquides/. 12 p1896 A67-25121
MHD generator operating at 8 mw /MGD-
generator na 8 mvt/. 17 p2802 A67-32179
Achievements and experiments in the
field of open-cycle MHD converters
/Realisations et experimentations dans le
domaine des convertisseurs MHD a cycle
ouvert/. 18 p2989 A67-34121
Conversion of magnetohydrodynamic
energy - Present state of the question /La
conversion d'energie
magnetohydrodynamique - Etat actuel de la
question/. 20 p3362 A67-36366
Two-phase cycles for MHD conversion with
the aid of liquid metals /Cycles a deux
phases pour la conversion M.H.D. a l'aide de
metaux liquides/. 24 p4099 A67-42417
- PERICHON, J.
Thermodynamics of electronic carrier
populations in dissociable binary
semiconductors /Thermodynamique des
populations de porteurs electroniques dans
les semi-conducteurs binaires
dissociables/. 01 p0130 A67-10198
- PERILLOU, J.
Recording of frequencies from 0 to 1000
Hz on low-priced media /L'enregistrement
des frequences de 0 a 1000 Hz sur support
bon marche/. 13 p2119 A67-26862
- PERINA, J.
Superposition of coherent and incoherent
fields. 10 p1667 A67-23778
On the normal and antinormal ordering of
field operators in quantum
optics. 16 p2685 A67-30826
- PERING, K. L.
Aliphatic and alicyclic hydrocarbons
isolated from Trinidad Lake
asphalt. 24 p4149 A67-42100
- PERINO, A. M. S.
Parametric expansions in the linear theory
of cylindrical shells. 19 p3339 A67-35054
- PERINOVA, V.
Integral equations with nonlinear
functionals /Integralni rovnice s nelinearnimi
funkcionaly/. 09 p1524 A67-21649
- PERKALSKIS, B. SH.
Mach-Zehnder and D. S. Rozhdestvenskii
interferometer for training purposes. I
/Uchebnyi interferometr Makha-Tsendera I
D. S. Rozhdestvenskogo.
I/. 20 p3452 A67-37556
- PERKAS, M. D.
Hardening and softening of nickel alloys
containing aluminum 12 p1955 A67-25365
- PERKEL, H.
Stabilite - A three-axis attitude control
system utilizing a single reaction
wheel. 06 p1094 A67-17681
- PERKETT, C. E.
Data at twice the speed eases H-F traffic
jam. 22 p3764 A67-40557
- PERKINS, C. W.
Radiation effects on monolithic silicon
integrated circuits. 04 p0589 A67-15720
- PERKINS, D. L.
Applicability of certain biochemical
techniques to calcium management in space
systems - An experimental study of blood
serum calcium. 18 p2991 A67-34712
- PERKINS, D. M.
GaAs thin-film solar
cells. 10 p1596 A67-23165
- PERKINS, D. R.
Design and test of a SNAPOODLE
thermoelectric generator. 24 p4184 A67-42507
- PERKINS, F.
Collisional effects in plasmas - Drift-wave
experiments and
interpretation. 10 p1684 A67-23073
Interpretation of experiments on
collisional drift modes. 11 p1834 A67-24381
- PERKINS, F. M.
Explicit tangent-steering guidance for
multi-stage boosters. 02 p0285 A67-12718
- PERKINS, G.
Blood pressure changes and pulmonary
edema in the rat associated with hyperbaric
oxygen. 15 p2428 A67-29275
- PERKINS, G. S.
Development of solid propellant electric
thruster systems for attitude control and
station keeping of spacecraft.
[AIAA PAPER 67-661] 21 p3690 A67-38697
- PERKINS, H. B.
Method for measurement of longitudinal
decay of optically pumped vapors in weak
magnetic fields. 02 p0248 A67-12699
- PERKINS, J. F.
Excited S states of Li super
plus. 03 p0472 A67-13323
Rayleigh-Ritz calculations of He 2 super 1
S involving half-integral powers of r sub 1
and r sub 2. 04 p0661 A67-15512
- PERKINS, J. S.
Determination of temperature profile in
charred phenolic composites by
reconstruction of the ablation process.
[AIAA PAPER 65-838] 03 p0533 A67-13058
- PERKINS, P.
A double-guarded cold-plate thermal-
conductivity apparatus. 22 p3803 A67-40294
- PERKINS, P. J.
Self-evacuated multilayer insulation of
lightweight prefabricated panels for
cryogenic space propulsion
vehicles. 10 p1734 A67-23728
- PERKINS, T. R.
Simulation evaluation of closed form
reentry guidance.
[AIAA PAPER 67-597] 19 p3259 A67-35993
- PERKINS, W. R.
Annual Allerton Conference on Circuit and
System Theory, 4th, University of Illinois,
Monticello, Ill., October 5-7, 1966,
Proceedings. 08 p1307 A67-20317
- PERKO, L. M.
Matched asymptotic expansions, patched
conics and the computation of interplanetary
trajectories.
[AIAA PAPER 65-689] 16 p2743 A67-30728
A method of error estimation in singular
perturbation problems with application to
the restricted three body
problem. 16 p2749 A67-31425
- PERLEE, H.
Combustion characteristics of condensed-
phase hydrazine-type fuels with nitrogen
tetroxide. 21 p3687 A67-37798
- PERLEE, H. E.
Preignition phenomena in small A-50/NT0
pulsed rocket engines.
[AIAA PAPER 67-516] 18 p3114 A67-33979
- PERLEE, J. S.
DC-9 environmental control design and
first year's service experiences.
[AIAA PAPER 67-407] 15 p2423 A67-30374
- PERLIN, I. U. E.
On the theory of multiphonon
radiationless transitions between local states
of different multiplicity. II - Quantum yield
of the R-line luminescence of ruby - Low
temperatures. 03 p0433 A67-12852

- PERLIS, H. J.**
The application of multilevel techniques to the identification of state variables. 16 p2647 A67-31650
- PERLMAN, A. B.**
Circular-arc cracks in bi-material plates under bending. 23 p4078 A67-41164
- PERLMAN, B. S.**
Gain nonlinearity and bistable instability in parametric converters. 03 p0381 A67-13637
Superconducting microwave filters. 14 p2289 A67-28915
- PERLMUTTER, I.**
Beryllium as a technological material. 13 p2138 A67-27118
- PERLMUTTER, M.**
Rarefied-gas heat transfer between parallel plates by a Monte Carlo method. 04 p0728 A67-15807
Analysis of Couette flow and heat transfer between parallel plates enclosing rarefied gas by Monte Carlo. 13 p2223 A67-28961
Analysis of transient heat transfer through a collisionless gas enclosed between parallel plates. [ASME PAPER 67-HT-53] 20 p3548 A67-36735
- PERLOFF, D. S.**
An improved technique for the electrolytic growth of molybdenum /IV/ oxide. 15 p2533 A67-29295
- PERLOW, M. A.**
SNAP 10A thermal control coatings. [AIAA PAPER 65-652] 03 p0448 A67-13057
- PERMIAKOV, V. A.**
Surface impedance of an inhomogeneous plasma with sharply varying parameters. 05 p0768 A67-17231
- PERMIAKOV, V. G.**
Electrical properties of thin Permalloy films /Elektricheskie svoystva tonkikh permalloyevykh plenok/. 20 p3514 A67-37555
- PERNAZZA, P.**
Let's take stock of air navigation /Facclamo il "punto" sulla navigazione aerea/. 15 p2513 A67-29092
- PERNICK, B. J.**
An optical range-gated filtering technique for MTI radar. 08 p1293 A67-20687
- PERNOD, J.**
The importance of the carotidogram in the study of left ventricular ejection /Interet du carotidogramme dans l'etude de l'ejection ventriculaire gauche/. 04 p0561 A67-14626
- PERNY, G.**
Demonstration of phenomena linked with the nucleation of Ti and TiO sub 2 thin films obtained by reactive cathodic sputtering /Mise en evidence de phenomenes lies a la germination de couches minces de Ti et TiO sub 2 obtenues par pulverisation cathodique reactive/. 12 p1981 A67-25276
- PEROLA, G. C.**
Flux and energy spectrum of secondary electrons in the upper atmosphere. 07 p1242 A67-19621
- PERONA, G.**
Diffusion bonding of titanium to steel /Diffusionsschweissung von Titan mit Stahl/. 09 p1520 A67-22436
- PERONA, G. E.**
A correcting feed at 611 MHz for the AIO reflector. 16 p2639 A67-31359
- PERONI, B.**
A new echo suppressor with selective attenuation. 11 p1754 A67-24651
- PEROV, A. I.**
Multidimensional linear differential equations with almost periodic coefficients /O mnogomernykh lineynykh differentsial'nykh uravneniakh s pochtli periodicheskimi koefitsientami/. 11 p1814 A67-24977
- PEROV, S. P.**
Some preliminary results of measurements of water vapour, atomic oxygen concentration and total density in mesosphere with heat recorders. 10 p1656 A67-23207
Direct experimental measurement of the water-vapor and atomic-oxygen concentration in the mesosphere /Opyt priamogo izmereniia kontsentratsii vodnogo para i atomarnogo kisloroda v mezosfere/. 16 p2665 A67-31097
Rocket measurements of some parameters in the mesosphere by a heat method. 19 p3216 A67-35183
- PERRAM, R. E.**
Real time digital simulation of control systems. 02 p0228 A67-11788
- PERREAULT, W. D.**
The Lockheed-500 - A cargo plane for the 1970's. [AIAA PAPER 66-1019] 03 p0362 A67-14152
Lockheed-500 - An optimized airlifter. 07 p1130 A67-20231
- PERRIER, P.**
A French concept for an aerospace transporter. 15 p2588 A67-29842
- PERRIN DE BRICHAMBAULT, C.**
Meteorologic observation /L'observation meteorologique/. 20 p3480 A67-36823
- PERRINE, B. S., JR.**
Solar pressure perturbations on the orbit of a flat reflector. 22 p3903 A67-39953
- PERRIOT, G.**
Superconductivity transition and magnetoresistance of a single-crystal sample of niobium in a weak field at 4.2 deg K /Transition supraconductrice et magnetoresistance en champ faible d'un echantillon monocristallin de niobium a 4.2 deg K/. 17 p2916 A67-32805
- PERROT, J.**
Experimental evidence of a parametric resonance phenomenon /Mise en evidence experimentale d'un phenomene de resonance parametrique/. 11 p1877 A67-24758
- PERROT, M.**
Contribution to the study of thin films of semiconductor materials used in the preparation of photovoltaic cells /Contribution a l'etude de couches minces de materiaux semiconducteurs utilises dans la preparation de photopiles/. 08 p1368 A67-20727
- PERRY, A. E.**
Turbulent boundary layers in decreasing adverse pressure gradients. 04 p0601 A67-14459
Critical review and current developments in three-dimensional turbulent boundary layers. 11 p1778 A67-24048
- PERRY, C. C.**
Two-dimensional jet attachment. 14 p2303 A67-28339
- PERRY, C. H.**
Ferroelectric "soft" mode in KTaO sub 3. 10 p1688 A67-22786
Infrared reflectance and optical constants of tektites. 18 p2753 A67-31697
Temperature dependence of the Raman spectrum of SrTiO sub 3 and KTaO sub 3. 23 p4013 A67-40965
- PERRY, C. S.**
Photography and missiles. [SMPTE PREPRINT 100-59] 03 p0423 A67-13807
- PERRY, G. E.**
Periodic fluctuations in the signals from Cosmos 5. 06 p0964 A67-18786
The Soviet northern cosmiodrome. 18 p3004 A67-34358
- PERRY, J. J.**
Flight research program. 09 p1455 A67-21717
- PERRY, J. N.**
Semiconductor costs, yields and reliability. 01 p0171 A67-11380
- PERRY, M.**
Pituitary arylamidases and peptidases. 01 p0015 A67-10488
- PERRY, M. A.**
Aerospace Instrumentation. Volume 4 - Proceedings of the Fourth International Aerospace Symposium, College of Aeronautics, Cranfield, Beds., England, March 21-24, 1966. 20 p3441 A67-36457
The flight recorder and the military operator. 21 p3631 A67-39129
- PERRY, R. L.**
Variable-sweep aircraft - A case history of multiple re-innovation. [AIAA PAPER 66-983] 04 p0551 A67-14663
- PERSCHY, J. A.**
On the threshold of success - Glass semiconductor circuits. 18 p3012 A67-34489
- PERSEN, L. N.**
The transfer of heat across a two-dimensional, oscillating boundary layer. 23 p4082 A67-41243
A note on the basic equations of turbulent boundary layers and the heat transfer through such layers. 23 p3991 A67-41249
- PERSHENKOV, V. S.**
Volt-ampere characteristics of low voltage trinitors /Vol'tampernye kharakteristiki nizkovol'tnykh trinitorov/. 03 p0377 A67-13237
- PERSHIN, A. P.**
Stand for experimental investigations of processes occurring in high-intensity heating /Stand dlia eksperimental'nykh issledovani protsessov, protekaiushchikh pri vysokointensivnom nagreve/. 02 p0231 A67-12440
- PERSIANITSEVA, N. M.**
Interaction between the luminescence front in an electrodynamic shock tube and a transverse magnetic field /Vzaimodelstvie fronta svecheniia v elektrodinamicheskoi udarnoi trubke s poperechnym magnitnym polem/. 02 p0274 A67-12416
- PERSIDSKII, K. P.**
Solution of the Cauchy problem for certain functional equations in nonlinear spaces /Reshenie zadachi Koshi dlia nekotorykh funktsional'nykh uravnenii v nelineynykh prostranstvakh/. 18 p3073 A67-34603
- PERSIN, M.**
Effect of neutron and gamma radiation on lithium compensated silicon. 17 p2917 A67-32846
- PERSON, J.-M.**
Example of a program for selecting components for a satellite project /Exemple de programme de selection de composants pour un projet de satellite/. 21 p3572 A67-38676
- PERSON, P.**
Measurement of torsional fatigue loads on an aircraft undercarriage under service conditions. 11 p1880 A67-25057
- PERSOZ, B.**
Hardness of certain polyesters copolymerized with styrolyene - Reticulation and temperature effects /La durete de certains polyesters copolymerises avec du styrolyene - Influence de la reticulation et de la temperature/. 05 p0759 A67-16767
- PERSOON, B.**
Epitaxial growth of gold on cadmium iodide. 21 p3687 A67-39140
- PERTOWSKI, T.**
Problems in designing airborne power supplies. 08 p1286 A67-21031
- PERTSEV, A. N.**
Noise of photomultipliers - Survey /Shumy fotoelektronnykh umnozhitel' /Obzor/. 03 p0388 A67-14260
Noise in photomultipliers. 14 p2288 A67-28772
- PERTSEV, A. V.**
The thermal state of microscopically thin film junctions /Teplovoy rezhim mikroplochnykh uzlov/. 15 p2444 A67-29415
- PERTSOVSKII, N. Z.**
Study of the effect of zirconium additions on the plasticity and the deformation characteristics of nickel within a wide range of temperatures /Izuchenie vlianiia dobavok tsirkonia na plastichnost' i osobennosti deformatsii nikella v shirokom diapazone temperatur/. 24 p4169 A67-41922
- PERUFFO, J. D.**
Microelectronics facilities concepts. 19 p3193 A67-35030
- PERULLI, M.**
Non-linear processes in a bounded magnetized plasma. 11 p1836 A67-24392
Non-linear processes in beam-plasma systems. 12 p1970 A67-25250
Investigation of a Penning ion source. 19 p3195 A67-35599
- PERUN, K. R.**
Diffusion welding and brazing of titanium 6Al-4V process development. 22 p3811 A67-39446
- PERVACHEV, S. V.**
Tracking failure in a system with two degrees of freedom. 03 p0390 A67-13100
- PERVAKOV, V. A.**
Certain features associated with the K-state in the alloys Ni-Cr, Ni-Cr-Mo and Fe-Ni-Cr-Mo. 04 p0635 A67-14429
- PERVOVA, L. IA.**
Instability effects during carrier injection in gold doped, n-type germanium. 03 p0499 A67-13955
Instability of an electron-hole plasma of a semiconductor, caused by nonlinearity of the current-voltage characteristic /Neustoiichivost' elektronnoyurochnoi plazmy poluprovodnika, obuslovlennaya nelinei'nost'iu vol'tampernykh kharakteristik/. 05 p0867 A67-17058
Instability of electron-hole plasma in semiconductor, caused by non-linearity of voltage-current characteristics. 06 p1070 A67-18988
Instability of the electron-hole plasma in a

- semiconductor due to the nonlinearity of the current-voltage characteristics. 15 p2538 A67-29789
- PERVOZVANSKII, A. A.**
Effectiveness estimates for control systems with recovery /Ob otsenke effektivnosti vosstanavlivaemykh sistem upravleniya/. 16 p2643 A67-30919
- PERVUSHINA, V. L.**
Dynamic characteristics of secondary particles in pp-interactions at energies of 20 GeV /Dinamicheskie kharakteristiki vtorichnykh chastits iz pp-vzaimodelstvii pri energii 20 GeV/. 24 p4193 A67-42854
- PERVYSHIN, N. V.**
Solution methods for the influence of atmospheric air humidity on the characteristics of a fan-jet engine /Metodika rascheta vlianiia vlazhnosti atmosfernogo vozdukh na kharakteristiki turboventilatornogo dvigatelya/. 20 p3515 A67-36448
- PERZYNA, P.**
Fundamental problems in viscoplasticity. 08 p1414 A67-20312
Discussion of methods of approximate solution of wave problems in an inelastic medium. 19 p3340 A67-35444
- PESCE, A.**
The comparative enzymology of lactic dehydrogenases. III. 20 p3377 A67-37159
- PESCH, W.**
Temperature and purity dependence of the nuclear-spin relaxation rate in the superconductor region of type-II superconductors. 03 p0499 A67-13937
Theory of the density of states of pure type-II superconductors in high magnetic fields. 15 p2533 A67-29089
- PESCHKA, W.**
The behavior of diamagnetic particles in a moving magnetic field in regard to the application of propulsion and MHD technology in space vehicles /Das Verhalten diamagnetischer Partikel im magnetischen Wanderfeld im Hinblick auf Anwendungen der Antriebs- und MHD-Technik bei Raumfahrzeugen/. 04 p0687 A67-14546
The solution of a special elliptical linear partial differential equation of second order with the help from the two-sided Laplace transform /Die Loesung einer speziellen elliptischen linearen partiellen Differentialgleichung zweiter Ordnung mit Hilfe der zweiseitigen Laplace-Transformation/. 13 p2165 A67-26613
Energy supply and energy converters in satellites and space vehicles /Energieversorgung und Energiewandler in Satelliten und Raumfahrzeugen/. 14 p2247 A67-27876
End effects on the linear induction MHD generator calculated by two-sided Laplace transform. 16 p2605 A67-30579
Some aspects of the use of a cryogenically-cooled primary windings system for an A.C. MHD generator. 16 p2605 A67-30580
On the use of cryogenic techniques for space propulsion and energy conversion. 16 p2702 A67-30717
- PESCHON, J.**
A dynamic programming approach to trajectory estimation. 01 p0047 A67-11214
Optimal control of measurement subsystems. 16 p2650 A67-31676
- PESCIA, J.**
Frequency stabilization of the power klystron used in a spectrometer for measurement of relaxation time /Stabilisation en frequence du klystron de puissance utilise dans un spectrometre de mesure des temps de relaxation/. 11 p1767 A67-24752
- PESHEKHONOV, V. G.**
Synthesis of an antenna receiving wide band radiation /Sintez anteny, priminamushchei shirokopolosnoe izluchenie/. 05 p0774 A67-16912
Synthesis of antenna for reception of wideband radiation. 16 p2636 A67-30889
- PESHKOV, E. M.**
Certain features of the physiological reactions of pilots during a simulated stay outside a spacecraft /Nekotorye osobennosti fiziologicheskikh reaktsii pilotov pri imitatsii vykhoda iz kosmicheskogo korablia/. 24 p4113 A67-42054
- PESIN, M. S.**
Investigation of hypersonic vibrations in liquids. 12 p1967 A67-26133
- PESKIN, R. L.**
Density profiles in gas-solid suspension flow. 10 p1626 A67-23149
Theoretical calculations of fuel drop ignition and extinction. 19 p3214 A67-35000
- PESKOV, O. G.**
Investigation of the injection electroluminescence of p-n junctions in gallium phosphide /Issledovanie in'ektsionnoi elektroluminesentsii p-n-perekhodov v fosfide gallia/. 14 p2368 A67-28531
Investigation of the injection electroluminescence of p-n junctions in gallium phosphide. 23 p4039 A67-40938
- PESQUIES, P.**
Physiopathological effects of collisions with birds occurring in the French Air Force /Effets physiopathologiques des collisions avec les oiseaux survenues dans l'Armee de l'Air Francaise/. 23 p3934 A67-41070
- PESTIE, J. P.**
Study of a very-high-frequency transistor /Etude d'un transistor pour tres haute frequence/. 13 p2077 A67-26653
- PESTRIAKOV, E. V.**
Excitation of ultrasonic vibrations in crystals under the action of ruby laser radiation. 08 p1337 A67-20417
- PETCH, N. J.**
Dislocation movement in the brittle fracture of alumina. 01 p0092 A67-10054
- PETCHEK, Z. A.**
Structure of the shock waves in an electrodeless discharge in air and argon /O strukture udarnykh voln bezelektrodnogo razladi v vozduke i argone/. 24 p4141 A67-41938
- PETER, G.**
The high-frequency resonance probe /Die Hochfrequenz-Resonanz-Sonde/. 18 p3044 A67-33713
- PETER, R. W.**
Nonreciprocal YIG filters. 22 p3772 A67-39905
- PETEREK, H.**
3-D space simulation chamber for industry and research /3-M. Weltraumsimulationskammer fuer Industrie und Forschung/. 14 p2292 A67-28063
- PETERKA, J.**
Criteria for quantitative Schlieren interferometry. 11 p1791 A67-24668
Oriented fiberglass-reinforced plastic in aviation /Orientovana organicka skla v letectvi/. 19 p3249 A67-35818
Technological problems and complex tests of bonded metal joints /Technologicke problemy a narocnejši zkousky lepenych spoju kovu/. 19 p3237 A67-35822
- PETERKA, V.**
Numerical solution of the Wiener-Hopf equation in the statistical identification of a linear dynamic plant /Numerické řešení Wienerovy-Hopfovy rovnice při statistické identifikaci lineární dynamické soustavy/. 04 p0644 A67-14903
- PETERS, A. L., JR.**
Evolution of Air Force rescue radio equipment. 17 p2814 A67-32516
- PETERS, A. R.**
Correlation of C/K/ in the separated region using the Crocco-Lees method. 17 p2840 A67-33031
- PETERS, B.**
Cosmic ray produced radioactivity on the earth. 14 p2380 A67-27967
- PETERS, C. F.**
Complete solution of a general problem of three bodies. 23 p4062 A67-40624
- PETERS, C. J.**
0 to 3 GHz traveling-wave electrooptic modulator. 09 p1471 A67-21644
Optical superheterodyne receiver. 19 p3184 A67-35685
- PETERS, D. T.**
The kinetics of aging reactions in 18 pct Ni maraging steels. 03 p0440 A67-13250
- PETERS, D. W.**
Infrared modulator utilizing field-induced free carrier absorption. 15 p2491 A67-30428
On internal reflection from an absorbing surface layer. 17 p2883 A67-32204
- PETERS, J. D.**
Trafficability of the lunar surface considering the bearing capacity and failure modes of lunar surface materials. 05 p0895 A67-16612
- PETERS, L., JR.**
The control of the echo area of ogives by cutoff corrugated surfaces. 03 p0370 A67-13862
The specular radar cross section of absorber coated bodies. 03 p0371 A67-13863
- PETERS, N. N.**
Fastener applications for aircraft gas turbine engines. 24 p4160 A67-42079
- PETERS, S. T.**
Repair of a zinc oxide-potassium silicate thermal control paint. 22 p3826 A67-40111
- PETERS, T.**
Investigations on plasma thrusters with thermal and self-magnetic acceleration. 08 p1375 A67-20574
- PETERS, TH.**
Recent developments in the field of plasma propulsion /Neuere Entwicklungen auf dem Gebiet der Plasmaantriebe/. 11 p1855 A67-25100
- PETERS, W. R.**
Dipole shutter - Eye protection transparency interim report. 23 p3965 A67-41565
- PETERSEN, E. E.**
Influence of combustion parameters on instability in solid propellant motors. II - Nonlinear analysis. 01 p0141 A67-11158
- PETERSEN, N. J.**
Assessment of microbial contamination on surfaces of space hardware by ultrasonics. 23 p3962 A67-40852
- PETERSON, A. H.**
Operation of solid fuel MHD generators. 12 p1898 A67-25382
- PETERSON, A. M.**
Progress in ionospheric radio. 05 p0795 A67-18010
Radio frequency synchrotron radiation from the Van Allen belts. 11 p1855 A67-23944
The effects of nuclear explosion on radio propagation phenomena. 14 p2266 A67-28417
Bistatic-radar detection of lunar scattering centers with Lunar Orbiter I. 17 p2817 A67-33364
- PETERSON, A. W.**
Experimental detection of thermal radiation from interplanetary dust. 13 p2189 A67-26264
- PETERSON, B. A.**
Lifting-body flight test program. 06 p0947 A67-18197
- PETERSON, C. C.**
Vapor phase growth and properties of GaAs Gunn devices. 11 p1848 A67-24746
- PETERSON, D. G.**
Frequency stabilization of the Zeeman laser. 09 p1513 A67-22134
- PETERSON, D. T.**
Meissner effect for superconductors with magnetic impurities. 14 p2373 A67-28859
- PETERSON, D. W.**
Ellipsometer study of anomalous absorption in very thin dielectric films on evaporated metals. 01 p0138 A67-11075
- PETERSON, E. IA.**
A method of parameter evaluation by means of an automatic control system /Ob odnom metode otsenki parametrov sistem avtomaticheskogo kontrolla/. 18 p3017 A67-33991
- PETERSON, E. L.**
Geometric programming. 09 p1469 A67-22435
Maintainability risk analysis using the analytical maintenance model. 18 p3021 A67-34685
- PETERSON, H. C.**
The response of launch vehicles to nonstationary random transonic buffeting excitation. 22 p3907 A67-40167
- PETERSON, J. A.**
Control of pressure deflagration limits of composite solid propellants. [AIAA PAPER 66-679] 10 p1696 A67-23131
- PETERSON, K. A.**
On the selection of trajectories for unmanned Mars orbiters. 16 p2745 A67-30748
- PETERSON, L. E.**
Balloon X-ray astronomy. [AIAA PAPER 66-1015] 03 p0514 A67-14151
The upper limit solar gamma-ray spectrum to 10 Mev. 04 p0693 A67-14974
Upper limits of the cosmic gamma-ray flux from OSO-1. 12 p1995 A67-25763
Effects of high energy radiations on noise pulses from photomultiplier tubes. 23 p4000 A67-41216
Balloon X-ray astronomy. [AIAA PAPER 66-1015] 23 p4070 A67-41711
- PETERSON, L. R.**
Electron impact cross sections for atmospheric species. I. 20 p3489 A67-37417

- PETERSON, M. H.**
Stress corrosion cracking of high strength steels and titanium alloys in chloride solutions at ambient temperature. 16 p2690 A67-31385
- PETERSON, N. M.**
A statistical analysis of aluminum welds tested at cryogenic temperatures. 13 p2124 A67-27674
- PETERSON, P. I.**
Magnetization of an ideal superconducting torus in a transverse field. 11 p1850 A67-24918
- PETERSON, R. W.**
Research activities of the AEC aircraft. 13 p2090 A67-27257
- PETERSON, V. L.**
Aerodynamics of free-flying wind-tunnel models determined from telemetered accelerations. [AIAA PAPER 66-775] 11 p1773 A67-24349
F region photochemical nightglow emissions. 18 p3038 A67-33616
- PETERSONS, A. V.**
Results of studies to improve the ground flotation of aircraft. 17 p2793 A67-31987
- PETFORD, A. D.**
Photoelectric observations of the brightness of the solar disk at Nice observatory, 1963-66. 14 p2387 A67-28592
The distribution of dust in interplanetary space. 17 p2947 A67-32758
Low noise solar and laboratory spectroscopy. 21 p3624 A67-37730
- PETICOLAS, W. L.**
Laser-produced dielectric breakdown in liquids with resulting absorption of a secondary light beam. 11 p1801 A67-24560
Two-photon laser excitation of polycyclic aromatic molecules. 23 p4013 A67-40964
- PETINOV, V. P.**
A magnetometer with a Gauss sensor from indium antimonide /Magnitometr na datchike Gaussa iz antimonida 20 p3447 A67-36760
- PETIT, M.**
Interpretation of experiments on incoherent ionospheric diffusion /Interpretation des experiences de diffusion ionospherique incoherente/. 04 p0571 A67-14896
Detection of movements in the ionosphere by means of incoherent diffusion /Mise en evidence de mouvements dans l'ionosphere au moyen de la diffusion incoherente/. 10 p1632 A67-22858
Demonstration of collisions between ionized particles and neutral particles by means of incoherent diffusion /Mise en evidence au moyen de la diffusion incoherente des collisions entre particules ionisees et particules neutres/. 10 p1646 A67-23268
Measurements of electronic and ionic temperatures by incoherent diffusion /Mesures de temperatures electroniques et ioniques par diffusion incoherente/. 12 p1931 A67-25108
On the diurnal variation of the thermopause temperature. 16 p2666 A67-31416
Heating of electrons in the diurnal ionosphere /Chauffage des electrons dans l'ionosphere diurne/. 17 p2842 A67-32295
Influence of nonlocal heating of electrons of the daytime ionosphere /Influence du chauffage non local des electrons de l'ionosphere diurne/. 17 p2844 A67-32708
- PETIT, R.**
Image analyzer tube for IR /Tube analyseur d'images pour l'infrarouge/. 07 p1189 A67-20158
- PETITCLERC, A.**
Theory and practice of transistor circuits /Theorie et pratique des circuits a transistors/. 14 p2290 A67-29007
- PETKOVA, L.**
Seasonal changes in the appearance of E2 layer. 19 p3221 A67-35429
- PETRAKOVSKII, G. A.**
Magnetic characteristics of yttrium-gallium and yttrium-gallium-gadolinium ferrites /Magnitnye kharakteristiki ittril-gallievyykh i ittril-gallii-gadolinievyykh ferritov/. 01 p0136 A67-11052
- PETRAN, M.**
New reflected-light microscope for viewing unstained brain and ganglion cells. 18 p2991 A67-34530
- PETRAS, E.**
Microbiological studies on the radiation environment of ionosphere and stratosphere. 19 p3178 A67-35271
- PETRAS, S.**
Learning systems of automatic control /Uclenie sa systemy automatickeho riadenia/. 04 p0592 A67-14905
- PETRASEK, D. W.**
Metallurgical and geometrical factors affecting elevated temperature tensile properties of discontinuous tungsten fiber reinforced composites. 03 p0441 A67-13272
Refractory metal fiber nickel alloy composites for use at high temperatures. 24 p4174 A67-42475
- PETRASH, G. G.**
New laser lines of a pulsed iodine vapor laser /Novye lini generatsii impul'snogo OKG na parakh ioda/. 01 p0090 A67-10549
New generation lines of a pulsed iodine-vapor laser. 01 p0091 A67-11057
Utilization of a cable-type pulse transformer in the power-supply system of a gas laser /Ispol'zovanie kabel'nogo impul'snogo transformatora v sisteme pitania gazovogo O.K.G./ 22 p3817 A67-40414
- PETRAVIC, M.**
Energy spreading and stabilization of plasma by applying a high-frequency electric field. 16 p2714 A67-30873
- PETRE, A.**
Theory of Aeroelasticity-Statics /Teoria Aeroelasticitati-Statice/. 05 p0924 A67-17227
- PETRELLA, R. V.**
Combination flash photolysis-flash pyrolysis system. 02 p0247 A67-12689
Flash pyrolysis and kinetic spectroscopy of ammonium perchlorate. 22 p3867 A67-39639
- PETRENKO, A. I.**
The problem of determining the stability range of feedback networks /K voprosu opredeleniya oblastei ustoiчивosti skhem s obratnoi svyaz'yu/. 19 p3201 A67-34910
- PETRENKO, I. E.**
Registration of cosmic rays on the artificial earth satellite "Cosmos-17." 11 p1856 A67-24075
- PETRENKO, N. S.**
Certain features associated with the K-state in the alloys Ni-Cr, Ni-Cr-Mo and Fe-Ni-Cr-Mo. 04 p0635 A67-14429
- PETRENKO, V. G.**
Problem of determining the distribution of the temperature field in a semi-infinite compound plate in the presence of a moving point source /K voprosu raspredelelnia temperaturnogo polia v poluogranichennoi sostavnoi plastine pri nalichii dvizhushchegosia tochechnogo istochnika/. 19 p3347 A67-36051
- PETRENKO, V. I.**
High-pressure pulsed arc in helium and hydrogen /Impul'snaia duga vysokogo davleniia v geli i vodorode/. 16 p2717 A67-31183
Pulsed arc in argon at pressures up to 10 super 8 newton/m super 2 /Impul'snaia duga v argone pri davleniiakh do 10 super 8 n/m super 2/. 16 p2717 A67-31184
Pulsed high-pressure arc in helium and hydrogen. 22 p3845 A67-39428
Pulsed arc in argon at pressures up to 10 super 8 N/m super 2 /1000 atm/. 23 p4035 A67-41686
- PETREQUIN, P.**
Study of plastic deformation mechanisms of polycrystalline beryllium between 80 and 500 deg K /Contribution a l'etude des mecanismes de deformation plastique du Be polycristallin entre 80 et 500 deg K/. 13 p2138 A67-27121
Study of polycrystalline beryllium creep at high temperature /Contribution a l'etude du fluage du beryllium polycristallin a haute temperature/. 13 p2139 A67-27122
- PETRI, C. A.**
Principles of discrete processes /Grundsatzliches zur Beschreibung diskreter Prozesse/. 19 p3202 A67-35606
- PETRIC, J. J.**
Method for solving a system of equations giving the equilibrium composition of gaseous combustion products, using an analog model /Methode de resolution d'un systeme d'equations donnant la composition a l'equilibre des produits gazeux de combustion a l'aide d'un modele analogique/. 24 p4178 A67-42390
- PETRICK, J. R.**
Time domain reflectometry in reliability testing. 01 p0084 A67-11361
- PETRICK, M.**
MHD generators operating with two-phase liquid metal flows. 16 p2604 A67-30577
Performance of space-power liquid metal MHD cycles utilizing a two-phase flow generator. 19 p3175 A67-34802
- PETRIE, D. M.**
Automatic flight management of future high-performance aircraft. [AIAA PAPER 67-847] 24 p4183 A67-42983
- PETRIE, L. E.**
Preliminary results on mid and high latitude topside spread F. [AGARDOGRAPH 95] 15 p2480 A67-30276
The influence of focusing upon the apparent reflection coefficient of the F region. [AGARDOGRAPH 95] 15 p2481 A67-30279
- PETRIE, S. L.**
Boundary layer studies in rarefied plasma flows. 14 p2299 A67-28171
- PETRITZ, R. L.**
Technological foundations and future directions of large-scale integrated electronics. 19 p3198 A67-36054
- PETROCCHI, P. J.**
Meteorological significance of vertical density profiles of clouds and precipitation obtained with the AN/TPQ-11 radar. 04 p0650 A67-14689
- PETROCELLI, A. W.**
Progress in the development of "active chemicals" for use as air revitalization materials. 16 p2618 A67-30778
- PETRONE, R. A.**
Apollo/Saturn V launch operations. [AIAA PAPER 66-837] 03 p0397 A67-14126
- PETROSIAN, V.**
Quasi-stellar objects in universes with non-zero cosmological constant. 11 p1863 A67-24508
- PETROV, A. A.**
The calculation of free oscillations of a liquid in a motionless container. 08 p1319 A67-20310
Numerical methods for calculating the natural-oscillation frequencies of liquids in bounded volumes /Chislennyye metody rascheta sobstvennykh chastot kolebaniil ograniченного ob'ema zhidkosti/. 18 p3026 A67-33772
- PETROV, A. I.**
Self-adjusting systems compensating for errors introduced by parasitic feedback. 20 p3410 A67-37228
- PETROV, A. P.**
Investigation of fluctuations in a plasmatron with self-adjusting arc /Issledovanie pul'satsii v plazmotrone s samoustanavlivalushchiesia dugoi/. 11 p1843 A67-24971
- PETROV, A. S.**
Analysis of the performance of the balancing network of a reactance modulated amplifier with semiconductor-diode capacitance /Analiz raboty balansnoi skhemy reaktivnogo modulatsionnogo usilitelia s emkost'yu poluprovodnikovogo dioda/. 04 p0579 A67-14450
Analysis of the operation of a push-pull reactance-modulation amplifier circuit using a semiconductor-diode capacitance. 15 p2443 A67-29287
- PETROV, A. V.**
Determination of the particle velocity of sprayed material by the method of high-speed cinematography /Opredelenie skorosti chastits napyl'aemogo materiala metodom skorostnoi kinos'emki/. 24 p4159 A67-41961
- PETROV, B. M.**
Excitation of impedance bands on wedges. 08 p1295 A67-21273
Characteristics of an impedance strip on a half-plane /Kharakteristiki impedansnoi polosy na poluploskosti/. 22 p3770 A67-39763
- PETROV, B. N.**
Basis for the construction of a nonscanning adaptive automatic control system with a variable structure /O printspe postroeniia besposkovoi adaptivnoi sistemy avtomaticheskogo upravleniia s peremennoi strukturoi/. 03 p0394 A67-14062
Autonomy in multiconnected automatic control systems with variable structure. 05 p0786 A67-17542
Basic properties and some dynamics problems of adaptive model reference systems. 07 p1160 A67-19198
A principle for constructing adaptive automatic control systems with variable structure that do not hunt. 13 p2089 A67-27711
The criterion of optimization for low-

- thrust power-limited engines and the method of their identification. 22 p3898 A67-39181
- PETROV, E. A.
Method of separating magnetic fields produced by bodies made of conducting materials /Metod razdeleniya magnitnykh polei, sozdavaemykh telami iz provodnykh materialov/. 22 p3795 A67-39227
- PETROV, I. I.
Means of reducing spurious phase modulation in multistage frequency multipliers /Nekotorye vozmozhnosti umen'sheniya parazitnoi fazovoi modulatsii v mnogokratnykh umnozhitelakh chastoty/. 18 p3000 A67-34087
- PETROV, I. R.
Relationships among the central nervous system, the adenohypophysis, and the adrenal glands and their significance in the case of oxygen deficiency /Vzaimootnosheniya TsNS, adenogipofiza i nadpocheknikov i znachenie ikh pri kislorodnoi nedostatocnosti/. 20 p3369 A67-36669
- PETROV, I. U. A.
Method of constructing a passive circuit that shapes a radio pulse with a rectangular envelope /Metod postroeniya passivnoi tsepi, formirulushchel radioimpul'sa s priamougol'noi ogibaiushchel/. 13 p2069 A67-27042
- PETROV, I. U. P.
Strength calculation of a round cylindrical shell by the discrete method /K raschetu na prochnost' krugovoi tsilindricheskoj oboichki diskretnym metodom/. 02 p0339 A67-12442
Bending computation and stress analysis of plates in the form of a complete and incomplete sector by a discrete method /Raschet na izgib i ustoiichivost' plastin v vide polnogo i nepolnogo sektora diskretnym metodom/. 21 p3729 A67-38907
Discrete stress analysis method for shallow shells of double curvature and rectangular planform /Diskretnyi metod rascheta na prochnost' pologikh oboichkek dvoiakol krivizny, priamougol'nykh v plane/. 23 p4075 A67-40679
- PETROV, N. N.
Induced conductivity and secondary emission of semiconductors and dielectrics under positive ion bombardment. 13 p2177 A67-27073
- PETROV, V. M.
Determination of the equilibrium shape a fluid under the effect of gravity forces and surface tension /Ob opredelenii formy ravnovesiia zhidkosti pod deistviem sil tiiazhesti i poverkhnostnogo natiiazheniia/. 03 p0401 A67-12881
On possible realization of an ultralow noise level paraelectric microwave amplifier. 03 p0382 A67-13711
- PETROV, V. V.
Problems in using the Vlasov method for solving equations of the method of successive loadings in the case of flexible plates and shells /Voprosy primeneniia metoda V. Z. Vlasova k resheniiu uravnenii metoda posledovatel'nykh nagruzhenii dlia gibkikh plastinok i oboichkek/. 12 p2020 A67-25570
- PETROVA-DENEVA, A.
Calculation of a cylindrical shell with regard to cyclic loads /Raschet tsilindricheskoj oboichki na tsiklicheskie nagruzki/. 06 p1106 A67-18629
- PETROVA, L. A.
Effect of the structure of beta-titanium alloy on its crack propagation resistance /Vliianie struktury na soprotivlenie rasprostraneniia treshchin beta-titanovogo сплава/. 04 p0641 A67-15985
Study of alloys of the system Ti-Mo-Cr-Fe-Al /Issledovanie splavov sistemy Ti-Mo-Cr-Fe-Al/. 07 p1205 A67-19272
Thermal etching of the beta alloy of the Ti-Mo-Fe-Al system /Termicheskoe travlenie beta-splava sistemy Ti-Mo-Fe-Al/. 09 p1518 A67-21967
Effect of structure on the resistance of a beta-titanium alloy to crack propagation. 14 p2338 A67-28488
High-temperature thermomechanical treatment of the beta-alloy of the Ti-Mo-Cr-Fe-Al system. 15 p2504 A67-29971
- PETROVA, L. I.
The influence of viscous interaction on

- hypersonic flow around a sharp cone /Vliianie vliazkogo vzaimodelstviia na obtekanie ostrogo konusa giperzvukovym potokom/. 22 p3741 A67-40027
- PETROVA, T. A.
Some problems in the selection of research astronauts /Nekotorye problemy otbora kosmonavtov issledovatel'/. 13 p2062 A67-26763
Nyctometry during the study of the effects of vestibular irritation on dark adaptation /Niktometriia pri izuchenii vliianiia vestibuliarnogo razdrazheniia na temnovulu adaptatsii/. 16 p2614 A67-30918
- PETROVICH, N. T.
Existence of regions with reduced noise rejection in receivers of relative and ordinary PSK telemetry signals in the presence of concentrated noise /O sushchestvovanii oblastei ponizhennoi pomekhoustoiichivosti v priemnike FT i OFT pri delstviu sosredotochennykh pomekh/. 18 p3000 A67-34085
- PETROVICH, R. A.
Comparison of different expressions of the attenuation factors in plane induction MHD machines /O sravnenii razlichnykh vyrazhenii koefitsientov oslableniia v ploskikh induktsionnykh MGD-mashinakh/. 01 p0012 A67-10191
- PETROVIN, M. G.
Study of the vital activity of Chlorella under space-flight conditions /Issledovanie zhiznedatel'nosti Khlorelli v usloviakh kosmicheskogo poleta/. 20 p3367 A67-36256
- PETROVSKAIA, I. V.
Determination of the change of galactic rotation in the Z-direction from the line profiles of neutral hydrogen. 17 p2950 A67-33163
- PETROVSKII, A. M.
Effect of noise on an ideal relay with a decelerated feedback /Vozdeistvie pomekh na ideal'noe rele, okhvacennoe zamedlennoi obratnoi svyaz'iu/. 05 p0782 A67-16321
Effect of noise on an ideal relay which includes delayed feedback. 18 p3017 A67-33873
- PETROVSKII, V. S.
Unsteady heating in de-icing of a nonmetallic propeller blade. 14 p2405 A67-28305
- PETRU, F.
Gas lasers /Lasery gazowe/. 14 p2333 A67-28972
- PETRUKHIN, A. A.
Nonelectromagnetic reactions of superhigh-energy muons /Neelektromagnitnye vzaimodelstviia mionov sverkhvysokikh energii/. 02 p0317 A67-12771
Investigation of the energy spectrum of cosmic muons by means of electron-photon showers /Issledovanie energeticheskogo spektra kosmicheskikh mionov posredstvom elektronno-fotonnykh livnel/. 02 p0317 A67-12772
Nonelectromagnetic interactions of ultrahigh energy muons. 22 p3877 A67-40273
Investigation of the energy spectrum of cosmic ray muons by means of electron-photon showers. 22 p3877 A67-40274
Investigation of electron-photon cascades in iron in an energy range of approximately 10 super 12 ev /Issledovanie elektronno-fotonnykh kaskadov v zheleze v oblasti energii approximately 10 super 12 ev/. 24 p4221 A67-42869
- PETRUKHIN, A. I.
Temperature and concentration of charged particles behind the front of a strong shock wave in air. 06 p0983 A67-17878
Experimental study of the disintegration of an instantaneously heated substance and of the resulting pulse, for energy concentrations lower than the vaporization heat /Eksperimental'noe issledovanie razleta mgnovenno nagretogo veshchestva i voznikaushchego impul'sa pri kontsentratsiiakh energii, men'shikh teploty ispareniiia/. 06 p1119 A67-18807
Total absorption coefficients of air heated by strong shock waves. 15 p2530 A67-29861
- PETRUKHINA, G. S.
Emission of a short single pulse by an injection semiconductor laser. 09 p1518 A67-22659
- PETRUNKIN, V. I. U.
Study of a laser based on neodymium-activated glass with external feedback /Issledovanie opticheskogo kvantovogo

- generators na stekle aktivirovannom neodimom s vneshnei obratnoi svyaz'iu/. 06 p1012 A67-18782
- Investigation of a neodymium glass laser with a spherical mirror resonator /Issledovanie OKG na neodimovom stekle s rezonatorom iz sfericheskikh zerkal/. 06 p1012 A67-18783
Obtaining a traveling-wave regime in a complex optical resonator /K voprosu o poluchenii rezhima begushchel volny v slozhnom opticheskom rezonatore/. 07 p1196 A67-19600
Investigation of a neodymium-glass laser with external feedback. 18 p3059 A67-33724
Investigation of a neodymium-glass laser with spherical mirrors. 18 p3059 A67-33725
Traveling wave operation in a complex optical resonator. 20 p3462 A67-37339
- PETRUSEV, S. S.
SHF diagnostics of a plasma jet /Sverkhvysokochastotnaia diagnostika strui plazmy/. 22 p3799 A67-39764
- PETRUSEVICH, I. V.
Preparation of titanium silicides by simultaneous reduction with hydrogen of titanium and silicon tetrachlorides /K voprosu o poluchenii silitsidov titana sovmeystnym vosstanovleniem tetrakhloridov titana i kremniia vodorodom/. 01 p0093 A67-10292
- PETRUSEVICH, R. L.
Distribution and density of dislocations in bent and annealed GaAs and InSb crystals /Raspredelenie i plotnost' dislokatsii v izognutykh i otozhzhennykh kristallakh arsenida galliia i antimonida indii/. 05 p0885 A67-16920
Distribution and density of dislocations in bent and annealed crystals of gallium arsenide and indium antimonide. 14 p2365 A67-28260
- PETRUSHA, J. A.
Superalloy coatings for gas turbine engine applications. [ASM PAPER C6-4.2] 23 p4020 A67-41405
- PETRUSHKO, I. M.
Solvability of the Cauchy problem for second-order parabolic equations in classes of arbitrarily increasing functions /O razreshimosti zadachi Koshi dlia parabolicheskikh uravnenii vtorogo poriadka v klassakh proizvol'no rastushchikh funktsii/. 07 p1216 A67-19584
- PETRUSELLA, J.
P-n-p-n charge dynamics. 22 p3766 A67-39249
- PETRY, W.
Systems of nonlinear integral equations with positive definite kernels /Systeme nichtlinearer Integralgleichungen mit positiv definiten Kernen/. 16 p2687 A67-30859
- PETSCHEK, A. G.
Electron distribution function in a plasma with excitation collisions. 21 p3661 A67-37746
- PETSCHEK, H. E.
The existence of intermediate waves in neutral sheets. 11 p1862 A67-24499
- PETTENGILL, G. H.
Radar measurements at 70 cm of Venus and Mercury. 15 p2556 A67-29870
Radar determination of the rotations of Venus and Mercury. 15 p2556 A67-29872
Radar observations of Mars and Jupiter at 70 cm. 21 p3706 A67-38617
- PETERS, L. JR.
Modifications of horn antennas for low sidelobe levels. 02 p0211 A67-11601
- PETERSEN, H.
Characteristics of high frequency auroral pulsations. 17 p2850 A67-33193
- PETERSSON, H.
Changes of elastic properties of lungs of rabbits in air blast injury. 03 p0364 A67-14292
- PETERSSON, R.
Heat transfer by arrays of two-dimensional jets directed normal to surfaces including the effects of a superposed wall-parallel flow. 04 p0732 A67-15836
- PETTINATO, A. D.
RAD case histories in R and M demonstration. 01 p0084 A67-11360
- PETTINGER, G. J. W.
The development of an in situ reforming methanol air cell. 09 p1445 A67-22186
- PETIT, D. G.
Efficient electroluminescence from GaAs diodes at 300 deg K. 01 p0131 A67-10368
- PETIT, F. S.
Oxidation mechanisms for nickel-aluminum alloys at temperatures between 900 deg and

- 1300 deg C. 21 p3645 A67-38773
PETTIT, G. D.
 Recombination processes in GaP diodes as functions of temperature. 06 p1062 A67-18931
 Internal quantum efficiency of GaP diodes. 23 p4045 A67-41460
PETTIT, R. H.
 Pulse sequences with good autocorrelation properties. 10 p1608 A67-23330
PETTS, F. C.
 Practical noise control at international airports with special reference to Heathrow. 05 p0752 A67-17101
PETUKHOV, B. S.
 Theoretical determination of heat exchange and friction drag for a laminar flow of equilibrium dissociable hydrogen in a tube /Teoreticheskiy raschet teplootdachi i soprotivleniya treniya pri laminarnom techenii v trube ravnovesno dissotsirulushchego vodoroda/. 01 p0185 A67-10048
 Study of sodium boiling heat transfer. 04 p0738 A67-15860
 Experimental study of the heat transfer of a viscogravitational fluid flow in a horizontal tube /Eksperimental'noe issledovanie teploobmena pri vliazkostnogravitatsionnom techenii zhidkosti v gorizontali trube/. 11 p1881 A67-24025
 Experimental study of heat transfer during the supersonic flow of gas in a circular tube. 12 p2035 A67-25753
 Experimental study of the turbulent flow of mercury in a circular tube in the presence of a longitudinal magnetic field /Eksperimental'noe issledovanie turbulentnogo techeniya rtuti v krugloj trube v prodol'nom magnitnom pole/. 16 p2721 A67-31394
 Theoretical calculation of the heat transfer and friction drag in the laminar flow of equilibrium-dissociating hydrogen in a tube. 17 p2974 A67-33326
PETUKHOV, I. V.
 A difference-approximation scheme for a numerical solution of parabolic-type equations /Ob odnoi skheme raznostnoi approksimatsii dlia chislennogo resheniya uravnenii parabolicheskogo tipa/. 05 p0834 A67-18372
PETUKHOV, I. U.
 Stability of a certain axisymmetric flow /Ob ustoychivosti odnogo osesimmetrichnogo techeniya/. 18 p3028 A67-34219
PETUKHOV, S. V.
 An approximate solution of the Euler-Lambert equation. 14 p2383 A67-27865
PETUKHOV, V. P.
 Influence of changes in the state of polarization on the recording of their phase variations. 07 p1144 A67-19694
PETUKHOV, V. R.
 MHD effect in a shock tube /MGD-effekty v udarnoi trube/. 16 p2715 A67-31112
 The two-body problem in classical mechanics /K zadache dvukh tel klassicheskoi mekhaniki/. 20 p3487 A67-37581
PETVIASHVILI, V. I.
 Ion acoustic oscillations in a dense plasma /Ob ionozvukovyykh kolebaniyakh v plotnoi plazme/. 02 p0277 A67-12612
 Ion-acoustic waves in a dense plasma. 13 p2170 A67-27368
 Nonlinear drift waves in a plasma /O nelineynykh dreifovykh volnakh v plazme/. 15 p2531 A67-30167
 Instability of inhomogeneous flow of plasma along a magnetic field. 20 p3498 A67-36693
PETYKIEWICZ, J.
 On the problem of diffraction of elastic waves in the formulation of Young. 01 p0114 A67-10868
 Diffracted electromagnetic wave in the theory of Kottler. 09 p1464 A67-22054
PEW, R. W.
 Sine-wave tracking revisited. 17 p2808 A67-33179
PEYRAUD, J.
 Kinetic theory of plasmas - Plasma-radiation interaction /Theorie cinetique des plasmas - Interaction plasma-rayonnement/. 13 p2165 A67-26598
PEYRAUD, N.
 Kinetic theory of plasmas - The inelastic-collision operator in the case of electronic excitations and de-excitations /Theorie cinetique des plasmas - L'operateur de collisions inelastiques dans le cas d'excitations et de des excitations
 electronics/. 13 p2165 A67-26437
PEYRELEVADE, J.
 The incidence of depreciation /Les incidences de l'amortissement/. 01 p0168 A67-10269
PEYRET, R.
 Quasi-one-dimensional flow in a travelling-wave plasma accelerator /Ecoulement quasi unidimensionnel dans un accélérateur de plasma a ondes progressives/. 09 p1544 A67-21849
PEYTON, B.
 Ultra-low-noise amplifier using a positive resistance up-converter. 01 p0034 A67-10106
 A positive resistance up-converter for ultra-low-noise amplification. 08 p1304 A67-21222
PEYTON, B. J.
 Ionization-enhanced microwave resonance emission from model-rocket exhausts. 20 p3543 A67-36233
PEYTREMANN, E.
 Problems concerning the scientific program of an astronomical satellite /Problemes relatifs au programme scientifique d'un satellite astronomique/. 12 p2002 A67-25460
PEZDIRTZ, G. F.
 Ultraviolet stability of some white thermal control coatings characterized in vacuum. [AIAA PAPER 67-345] 12 p1959 A67-28059
PEZZANI, G.
 The airport on the sea /L'aeroporto sul mare/. 05 p0789 A67-17100
PFAHL, R. C. JR.
 Evaluation of ablative composites containing high-reflectance fillers in simulated superorbital reentry. [AIAA PAPER 67-154] 06 p1020 A67-18292
PFAHL, R. C., JR.
 Thermocouple temperature perturbations in low-conductivity materials. [ASME PAPER 66-WA/HT-8] 04 p0724 A67-15427
PFALTZ, J. L.
 Sequential operations in digital picture processing. 03 p0375 A67-13560
PFAU, S.
 Investigation of the periodic modulation of the constricted positive column from the diffused state /Untersuchung des zeitlichen aufbaues der kontrahierten positiven saule aus dem diffusen zustand/. 19 p3274 A67-35101
PFEIFER, G. D.
 A comparison and evaluation of several radiant energy methods for calibrating heat flux sensors. 01 p0069 A67-11019
PFEIFER, R. F.
 A distortion analysis of the MOS transistor. 03 p0388 A67-14183
PFEIFFER, B.
 The skin effect in anisotropic plasmas and resonance excitation of electron cyclotron waves. 19 p3276 A67-35119
 Impedance measurements of a RF discharge in a single turn coil with a superimposed static magnetic field. 19 p3276 A67-35119
PFEIFFER, C. G.
 Some new results in optimal final value control theory. 15 p2459 A67-30020
PFEIFFER, E. R.
 Superconductive properties of ceramic mixed titanates. 19 p3302 A67-35037
 Effect of stress on the superconductive transition temperature of strontium titanate. 22 p3863 A67-40244
PFEIFFER, F.
 Downwash correction for round wind-tunnels with base plates /Abwindkorrekturen fuer kreisrunde Windkanale mit Bodenplatte/. 16 p2590 A67-30854
PFEIFFER, G. W.
 Hook whistler - A new equatorial whistler observed by Injun 3. 05 p0799 A67-16888
PFEIFFER, I.
 Nature, size, and distribution of lattice defects and their effect on the high-field properties of the type III superconductor Nb-Zr25 /Natur, Groesse und Verteilung von Gitterstörungen und ihr Einfluss auf Hochfeldeigenschaften des Typ-III-Supraleiters Nb-Zr25/. 09 p1557 A67-22437
PFEIFFER, R. R.
 Spontaneous spike discharges from single units in the cochlear nucleus after destruction of the cochlea. 06 p0952 A67-17847
 Anteroventral cochlear nucleus - Wave forms of extracellularly recorded spike potentials. 08 p1286 A67-20367
PFENDER, E.
 The temperature distribution in an argon plasma jet with a variable mass flow. [ASME PAPER 66-WA/HT-50] 04 p0669 A67-15434
 Study of electric arc behavior with superimposed flow. 10 p1685 A67-23123
 Energy transfer studies in a wall-stabilized, cascaded arc. 19 p3279 A67-35141
 Experimental studies of the electrode heat transfer in a MPD arc configuration. [AIAA PAPER 67-673] 21 p3691 A67-38706
 Symptomatic behavior of an electric arc with a superimposed flow. [AIAA PAPER 67-875] 21 p3671 A67-38708
 Plasma energy transfer to a surface with and without electric current. 24 p4197 A67-42331
PFENNEBERGER, F. X.
 Experimental control-wing hinge moments of a transonic-supersonic, rolling, maneuvering, guided missile. [AIAA PAPER 66-755] 17 p2789 A67-32062
PFIRSCH, D.
 Hamilton-Jacobi theory applied to Vlasov's equation. 10 p1686 A67-23469
 Influence of thermal radiation on electrons in a high temperature plasma. 12 p1969 A67-25192
 Acceleration of an inhomogeneous plasma by laser beams /Beschleunigung von inhomogenen Plasmen durch Laserlicht/. 12 p1969 A67-25198
PFISTER, A.
 Metabolic cerebellum changes during experimental hypoxia /Modifications metaboliques du cervelet au cours de l'hypoxie experimentale/. 04 p0561 A67-14629
 Dangers to the SST presented by heavy ions of primary cosmic radiation /Dangers presentes par les ions lourds du rayonnement cosmique primaire pour les T.S.S./. 23 p3945 A67-41074
PFISTER, A. M.
 Experimental method for the study of biological effects of heavy ions of primary cosmic radiation on bacteria /Methode experimentale pour l'etude des effets biologiques provoques par les ions lourds du rayonnement cosmique primaire sur des bacteries/. 14 p2254 A67-28213
PFISTER, H.
 New developments in the field of solar cells /Neuere Entwicklungen auf dem Gebiet der Solarzellen/. 04 p0558 A67-15955
PFISTER, J.-C.
 Charge injection into the oxide of a metal-oxide/semiconductor structure /Injection de charges dans l'oxyde d'une structure metal-oxide-semi-conducteur/. 09 p1558 A67-22586
 Contribution to the study of the influence of fast charged-particle irradiation on the diffusion of substitution impurities in silicon /Contribution a l'etude de l'influence d'une irradiation par des particules chargees rapides sur la diffusion des impuretes substitutionnelles dans le silicium/. 18 p3100 A67-33750
PFISTER, W.
 Progress in ionospheric radio. 05 p0795 A67-16010
 Charge densities and temperatures measured in active auroras. 10 p1650 A67-23307
 Rocket measurements of bremsstrahlung X-rays and related parameters during auroral absorption events. 19 p3312 A67-35188
PFITZENMAIER, G.
 The approximation of the optimal transient performance of low-pass filters by means of delay equalization /Die Annaeherung an das optimale Einschwingverhalten von Tiefpaessen durch Laufzeitentzerrung/. 21 p3582 A67-38529
PFITZER, K.
 The spectra and intensity of electrons in the radiation belts. 12 p1997 A67-25807
PFLEEGOR, R. L.
 Interference effects at the single photon level. 17 p2866 A67-32277
PFLEIDERER, J.
 Rotating plasmas /Ueber rotierende Plasmen/. 03 p0475 A67-12923
 Inverse Compton effect - Some consequences for quasars. 04 p0702 A67-15942
 Emission-line variability and distance of quasars. 19 p3327 A67-35893

- PFOTZER, G.
Preliminary report on measurements with
balloon-borne detectors in Northern
Scandinavia during the solar proton event of
July 7, 1966. 05 p0882 A67-16740
Balloon measurements of solar protons in
northern Scandinavia on July 7,
1966. 19 p3312 A67-35175
- PFUND, E. T.
A case study in real-time ground control
and data processing.
[AIAA PAPER 67-644] 20 p3419 A67-37625
- PHARO, M. W., III
Lower E-region ion concentrations
measured at a time of declining solar
activity. 14 p2310 A67-28049
- PHATAK, A. V.
A "critical" tracking task for manual
control research. 07 p1136 A67-20171
- PHELAN, P. T.
Bias characteristics of a GaAs X band-to-Q
band inline frequency tripler. 01 p0041 A67-11319
- PHELAN, R. J.
Incoherent source optical pumping of
visible and infrared semiconductor
lasers. 01 p0089 A67-10447
- PHELAN, R. J., JR.
InSb MOS infrared
detector. 09 p1551 A67-21577
- PHELIZON, G.
Electronics in the ESRO 1 satellite
/L'electronique dans le satellite ESRO
1/. 21 p3713 A67-38217
- PHELPS, A. V.
Theory of electron collision experiments
at intermediate and high gas
densities. 04 p0682 A67-15769
- PHELPS, R. W.
Analysis of flame effects on measured
electromagnetic propagation
data. 19 p3344 A67-34819
Effects of rocket exhausts on
communications systems. 20 p3381 A67-36570
- PHEN, R. L.
Methods for space propulsion system
evaluation.
[AIAA PAPER 66-976] 02 p0305 A67-12298
- PHENEGER, P. W.
Quenching effects in coupled
lasers. 05 p0823 A67-16682
Coupled optical
oscillators. 09 p1514 A67-22274
- PHILIPPOFF, W.
History of gelled fuels - Their chemistry
and rheology. 10 p1696 A67-22911
Thickened fuels for aircraft safety.
[SAE PAPER 670364] 17 p2927 A67-33001
- PHILIPPUS, R. A.
The response of launch vehicles to
nonstationary random transonic buffeting
excitation. 22 p3907 A67-40187
- PHILLIPS, A.
Special fractographic techniques for
failure analysis.
[ASTM PAPER 44] 18 p3145 A67-34581
On the theory of plastic wave propagation
in a bar. 20 p3536 A67-36416
- PHILLIPS, B.
High-temperature, condensed-phase
equilibria in the system
Ti-W-O. 06 p1018 A67-18371
Materials for use above 3000 deg
F. 14 p2340 A67-28380
- PHILLIPS, B. G.
Fiber optics in photography.
[SMPT PREPRINT 100-3] 03 p0469 A67-13802
- PHILLIPS, C. L.
A new method of analysis of sampled-data
control systems. 13 p2086 A67-26416
The x-transform and its use in sampled-
data system analysis. 19 p3263 A67-35927
Stability analysis methods for hybrid
control systems. 22 p3778 A67-40157
- PHILLIPS, C. R.
Certification of probability of sterilization
of liquid by filtration. 24 p4116 A67-42705
- PHILLIPS, C. S. E.
An automatic F.M.C.W. surveillance
radar. 04 p0573 A67-15043
Computer-controlled adaptive
radar. 17 p2816 A67-32790
- PHILLIPS, D. K.
A simplified application of Keplerian
equations to guidance. 08 p1352 A67-21532
- PHILLIPS, G. B.
Biological contamination control concepts
for the lunar receiving
laboratory. 23 p3961 A67-40845
- PHILLIPS, J. B.
The control of threshold voltage of
complementary pair M.O.S.
transistors. 14 p2281 A67-28019
- PHILLIPS, J. C.
Pseudopotential theory of exciton and
impurity states. 02 p0281 A67-11489
Partial sum rules for transition and noble
metals. 07 p1238 A67-20216
Approximate quantum numbers for d-band
states in transition
metals. 13 p2179 A67-27155
Microscopic theory
of tunneling
anomalies. 21 p3682 A67-38385
- PHILLIPS, J. G.
Comments on the identification of the
emission feature observed by Kozyrev in the
crater Alphonsus. 20 p3528 A67-37470
- PHILLIPS, J. L.
An S-band travelling wave
phototube. 09 p1479 A67-22279
- PHILLIPS, J. O.
The U.S. Coast and Geodetic Survey
satellite triangulation
program. 07 p1176 A67-19764
- PHILLIPS, L. F.
Radical concentrations and decays in lean
hydrogen-nitrogen-oxygen
flames. 13 p2221 A67-26261
- PHILLIPS, O. M.
The maintenance of Reynolds stress in
turbulent shear flow. 06 p0985 A67-18133
- PHILLIPS, R. A.
Developments at
electro-hydraulics. 05 p0753 A67-16749
- PHILLIPS, R. L.
Theory of the non-stationary arc
column. 06 p1040 A67-18123
Time constants for nonstationary
plasmas. 12 p1973 A67-25394
- PHILLIPS, R. P.
Comparison of classical approximations to
free carrier absorption in
semiconductors. 21 p3678 A67-38155
- PHILLIPS, S. C.
Management scheme for
Apollo. 13 p2233 A67-27553
- PHILLIPS, T. G.
Paramagnetic resonance spectrum of Ce
super 3 super plus yttrium gallium
garnet. 06 p1371 A67-21312
- PHILLIPS, T. L.
A multichannel image data handling
system for agricultural remote
sensing. 24 p4157 A67-42435
- PHILLIPS, V. A.
Hardening mechanisms in a precipitation
hardenable nickel-12.71 at. percent
aluminum alloy. 18 p3065 A67-34363
- PHILLIPS, W. B.
Behaviour of discontinuous, thin gold films
as a function of time and
temperature. 02 p0292 A67-11747
- PHILLIPS, W. G.
A polarizer for the vacuum
ultraviolet. 15 p2491 A67-30425
- PHILOTTIS, J. A.
Rare earth abundances in an anorthosite
and a mangerite. 03 p0513 A67-14006
Rare-earth and barium abundances in the
Bununu howardite. 07 p1249 A67-19537
Rare-earth and barium abundances in
Ivory Coast tektites and rocks from the
Bosumtwi Crater area,
Ghana. 24 p4236 A67-42645
- PHIPPS, J. A.
Translational freezing in freely expanding
jets. 14 p2301 A67-28184
- PHIPPS, P. L.
Mission influences on advanced
computers. 11 p1756 A67-24248
Application of nonlinear filter to short
range missile guidance. 17 p2882 A67-32526
- PHYTHIAN, J. E.
Body-wing interference at supersonic
speeds. II. 04 p0545 A67-14439
- PIAN, T. H. H.
Improvements on the analysis of shells of
revolution by the matrix displacement
method. 01 p0184 A67-11191
Application of the smooth-surface
interpolation to the finite-element
analysis. 05 p0925 A67-17372
Analysis of elastic stability of shells of
revolution by the finite element
method. 10 p1725 A67-23715
Dynamic buckling of a circular ring
constrained in a rigid circular
surface. 14 p2398 A67-28093
Buckling of radially constrained circular
ring under distributed
loading. 22 p3908 A67-39287
- PIARNPUU, A. A.
On the interaction of a stream of gas and
a solid wall. 13 p2050 A67-26683
- PIATOVSKAIA, N. P.
Experimental verification of the
calculation of short-wave radiation fluxes in
the real atmosphere /Eksperimental'naya
proverka rascheta potokov korotkovolnovoi
radiatsii v real'noi
atmosfera/. 01 p0108 A67-10128
- PIAU, J.-M.
Affine solutions of the two-dimensional
laminar boundary layer equations for non-
Newtonian fluids in the case of forced
convection in the stationary regime
/Solutions affines des equations de la
couche limite laminaire bidimensionnelle
pour des fluides non Newtoniens, dans le
cas de la convection forcee en regime
stationnaire/. 17 p2838 A67-32701
Affine solutions of the equations for a
two-dimensional laminar boundary layer, for
non-Newtonian fluids, in the case of natural
convection under steady-state conditions
/Solutions affines des equations de la
couche limite laminaire bidimensionnelle,
pour des fluides non-Newtoniens, dans le cas
de la convection naturelle en regime
stationnaire/. 18 p3025 A67-33685
- PIAUD, J.-J.
Amplification of the time resolution of a
flash spectroscopy apparatus equipped with
a switched laser /Augmentation de la
resolution temporelle d'un appareil de
spectroscopie par eclai equipé d'un laser
declenche/. 13 p2126 A67-26599
- PIAZZOLI, G.
Methods of analyzing atmospheric
turbulence /Methodes d'analyse de la
turbulence
atmospherique/. 01 p0054 A67-11087
Methods of analysis of atmospheric
turbulence /Methodes d'analyse de la
turbulence
atmospherique/. 04 p0620 A67-14893
Some aspects of the evolution of
aeroelastic testing techniques.
[ONERA-TP-477] 14 p2395 A67-27899
- PIC, L. E.
Point-contact diode mixer with microwave
intermediate frequency. 01 p0036 A67-10438
- PICARD, J. C.
Cyclotron resonance in tellurium at
submillimeter
wavelengths. 06 p1061 A67-18920
- PICARDI, G.
Study of analog-digital long range
automatic tracking systems and their solid-
state implementation /Sullo studio di sistemi
analogico-digitali di inseguimento automatico
in distanza e sulla loro realizzazione allo
stato solido/. 20 p3379 A67-36244
- PICCARDI, G.
The periodical components of the Piccardi
D-test. 06 p0994 A67-17638
- PICCHIO, A.
Semiconductor generators operating
between 500 and 8000 MHz /Generatori a
semiconduttori operanti da 500 a 8000
MHz/. 13 p2081 A67-27204
- PICHA, J.
Transformation of azimuth and zenith
distance determined by satellites into
geodetic reference
system. 20 p3428 A67-36483
- PICHAKHCHI, L. D.
Theoretical and experimental studies of
the self-excitation regimes associated with
interaction of a traveling magnetic field and
a flow of ionized gas. 12 p1977 A67-26077
- PICHLER, H.
Baroclinic instability in a zonal and
meridional basic flow /Zum Problem der
baroklinen Instabilitaet in einer zonalen und
meridionalen
Grundstroemung/. 06 p1027 A67-18602
Cyclogenesis due to baroclinic instability
in a zonal and meridional basic current
/Zyklogeneese durch barokline Instabilitaet in
zonaler und meridionaler
grundstroemung/. 19 p3252 A67-35528
- PICHLER, H. J.
Extraterrestrial vestibular research - A
new partial field of medical research into
the human vestibular
apparatus. 15 p2425 A67-29106
- PICHON, G.
Calculation and utilization of the moments
of the distribution function of a perfect
fluid /Calcul et utilisation des moments de

- la fonction de distribution d'un fluide parfait/. 12 p1986 A67-25144
- PICHUGIN, A. P.**
Study of the phase distribution in a laser aperture based on an analysis of radiation in the Fresnel zone /Issledovanie raspredelelnia faz v raskryve lazera na osnove analiza izlucheniia v zone
Frenella/. 13 p2127 A67-27029
- PICK, M.**
The determination of the axis of rotation inclination of the reference ellipsoid towards the earth's axis of rotation. 11 p1787 A67-24593
On the solvability of Molodensky's integral equation. 13 p2114 A67-26853
- PICKARD, R. H.**
The applications technology satellite. 16 p2760 A67-30694
- PICKENS, D. H.**
A mathematical simulation of integrated helicopter avionics. 08 p1350 A67-20658
- PICKERD, J. C.**
Thrust reversers for business jet aircraft. [SAE PAPER 670235] 12 p1989 A67-25493
- PICKERELL, D. J.**
The Rolls-Royce three-shaft turbofan engine. [AIAA PAPER 67-375] 15 p2548 A67-30347
Powerplant aspects of high speed intercity V.T.O.L. aircraft. [AIAA PAPER 67-745] 23 p4048 A67-40979
- PICKERING, W. H.**
Instrumentation for the exploration of the moon and planets. 03 p0420 A67-13378
Navigating the Mariner spacecraft to Mars. [JPL-TR-32-1032] 19 p3256 A67-35877
Unmanned space exploration - The path ahead. 23 p4086 A67-40920
- PICKERING, W. M.**
Magnetoplasma diffusion at F2-region altitudes. 16 p2686 A67-31402
An idealized problem with F2-layer applications. 17 p2852 A67-33241
- PICKETT, G.**
Bending of plates of any shape and with any variation in boundary conditions. 10 p1731 A67-23843
- PICKETT, R. L.**
Environmental corrections for an airborne radiation thermometer. 01 p0063 A67-10313
- PICQUENDAR, J. E.**
Thermionic conversion of energy /La conversion thermionique de l'energie/. 04 p0554 A67-15025
- PICUS, G. S.**
Heterodyne performance of mercury doped germanium. 21 p3590 A67-38009
- PIDDINGTON, J. H.**
Galactic explosions, radio galaxies and quasi-stellar sources. 05 p0902 A67-17287
A theory of auroras and the ring current. 06 p0995 A67-17973
Magnetic field annihilation in current pinches. 17 p2909 A67-33248
- PIDLISNII, E. V.**
Dispersion of the refractive index of CdS sub x Se sub 1 sub minus x and CdTe single crystals in the visible and IR spectral ranges /Dispersiia pokaznikov zalomlennia monokristaliv CdS sub x Se sub 1 sub minus x ta CdTe u vidimii ta infrachervonii oblastiakh spektra/. 16 p2732 A67-31481
- PIDZIRAILO, M. S.**
Infrared absorptions by molecular ions introduced into the lattices of alkali-halide crystals /Infrachervone poglennnia molekuliarnimi ionami, vvedenimi v gratki luzhno-galoidnikh kristaliv/. 20 p3511 A67-37140
- PIEARCEY, B. J.**
A breakthrough in making turbine components - Directional solidification and single crystals. 03 p0429 A67-13541
The effects of load and temperature cycling on the creep behavior of a nickel-base alloy. 06 p1014 A67-17802
The carbide phases in Mar-M200. 13 p2131 A67-26573
The effect of unidirectional solidification on the properties of cast nickel-base superalloys. 20 p3469 A67-37383
Tensile and creep properties of single crystals of the nickel-base superalloy Mar-M200. 20 p3470 A67-37387
- PIELORZ, A.**
Discussion of methods of approximate solution of wave problems in an inelastic medium. 19 p3340 A67-35444
- PIEMME, T. E.**
Tilt table responses of human subjects following application of lower body negative pressure. 05 p0755 A67-16286
Renal response to plus Gz gradient acceleration in man. 05 p0756 A67-16288
Effect of heat stress upon human renal function. 10 p1599 A67-23811
- PIEPER, J. L.**
Effects of chamber energy release efficiency upon nozzle performance. 13 p2188 A67-26847
Mixture ratio distribution - Its impact on rocket thrust chamber performance. 15 p2545 A67-29431
- PIERAGOSTINI, F.**
On the nature of recovery stage III in irradiated Al. 17 p2873 A67-32743
- PIERCE, A. D.**
Guided infrasonic modes in a temperature- and wind-stratified atmosphere. 13 p2117 A67-27702
- PIERCE, C.**
Localized adsorption on graphite surfaces. 24 p4118 A67-42195
- PIERCE, D. A.**
A solution of the regularized equations of motion of the restricted problem. 01 p0147 A67-10379
Applications of a solution of the regularized equations of motion of the restricted problem. 01 p0147 A67-10380
Advantages of regularization in space dynamics. [AIAA PAPER 67-26] 06 p1087 A67-18464
Advantages of regularization in space dynamics. [AIAA PAPER 67-26] 17 p2948 A67-33039
- PIERCE, E. T.**
Atmospherics - Their characteristics at the source and propagation. 14 p2265 A67-28412
- PIERCE, F. J.**
An experimental study of skewed turbulent boundary layers in low speed flows. [ASME PAPER 66-WA/FE-2] 04 p0608 A67-15386
- PIERCE, G. A.**
Boundary layer studies in rarefied plasma flows. 14 p2299 A67-28171
- PIERCE, H. B.**
Study of flow-induced vibrations of a plate in narrow channels. [ASME PAPER 67-VIBR-32] 11 p1777 A67-24190
- PIERCE, J. F.**
Pulse generator for studying transients in plasma lasers. 20 p3445 A67-36530
- PIERCE, J. T.**
Cryotron array - Successful integration of design and fabrication strategies. 18 p3014 A67-34556
- PIERCE, P. M.**
Selection of comet missions - 1965-1986. 16 p2745 A67-30749
- PIERCE, R. A.**
Second-order spectra of symmetric cyanine dyes. 22 p3757 A67-39444
- PIEROTTI, R. A.**
Gas-solid interactions and buoyancy. 24 p4119 A67-42695
- PIERRO, J. J.**
Aircraft electric power system - Future trends. 17 p2804 A67-32512
- PIERSOL, A. G.**
Practical interpretations of unusual characteristics in reduced vibration data. 10 p1680 A67-23315
Application of fast Fourier transform procedures to shock and vibration data analysis. [SAE PAPER 670874] 24 p4248 A67-42011
- PIERSON, E. S.**
Material limitations in the MHD induction generator. 16 p2605 A67-30582
- PIERSON, W. R.**
Night vision and mild hypoxia. 23 p3959 A67-41694
- PIESIK, E. T.**
Rocket-exhaust impingement on a flat plate at high vacuum. [AIAA PAPER 66-46] 02 p0341 A67-11934
- PIETERS, B.**
Perturbations of telemetry links after reentry into the atmosphere /Perturbations de la liaison telemesure lors de la rentree dans l'atmosphere/. 21 p3581 A67-38228
- PIETRASZKIEWICZ, W.**
A case of rotational symmetry of shallow shells /Przypadek obrotowej symetrii powlok o malej wynioslosci/. 05 p0917 A67-16245
- PIETRUSZKA, H.**
An electrical thrust meter /Clagomierz elektryczny/. 22 p3797 A67-39536
- PIETRZAK, P. E.**
In-flight measurement of human response characteristics. [AIAA PAPER 67-240] 07 p1136 A67-20061
- PIETRZYK, Z. A.**
Shock waves with strong ionizing action in hydrogen and nitrogen. 05 p0790 A67-16036
Determination of the energy input of an electric shock tube /Wyznaczenie energii dostarczonej do elektrycznej rurki uderzeniowej/. 05 p0786 A67-16248
Ionized gas flow past a cylinder and a sphere. 19 p3170 A67-35449
- PIETSCH, A.**
Reactor-powered Brayton cycle for large space stations. 24 p4102 A67-42490
- PIFFL, V.**
The buildup of a beam-generated plasma in a mirror machine. 14 p2352 A67-27749
- PIFKO, A.**
Discrete element methods for the plastic analysis of structures subjected to cyclic loading. 10 p1725 A67-23713
- PIGALSKAIA, L. A.**
Thermal properties of molybdenum at high temperatures. 09 p1517 A67-21866
- PIGFORD, T. H.**
Work functions of monocrystalline and polycrystalline rhenium. 09 p451 A67-22358
- PIGG, O. E.**
Manned testing of extravehicular activity equipment in a simulated space environment. 24 p4115 A67-42049
- PIGGOTT, B. A. M.**
Longitude dependence of the geopotential, deduced from synchronous satellites. 18 p3041 A67-34251
- PIGGOTT, M. R.**
A theory of fibre strengthening. 03 p0449 A67-13257
- PIGGOTT, W. R.**
Secular movement of the zone of auroral blackout. 07 p1173 A67-19669
Collision frequencies in the D-region and stratospheric-mesospheric relations. 14 p2311 A67-28407
- PIGNARD, J.**
Upper cut-off frequency of common transistor circuits /Frequence de coupure haute des montages usuels a transistors/. 13 p2077 A67-26660
- PIGNERET, J.**
Neutron induced displacement number in silicon. 03 p0494 A67-13481
Study of the equivalence between radiations producing a permanent degradation of the characteristics of silicon transistors obtained by diffusion /Etude de l'equivalence entre les rayonnements produisant une degradation permanente des caracteristiques des transistors silicium obtenus par diffusion/. 17 p2917 A67-32844
Influence of technology and temperature on the behavior of MOST in the presence of 1-Mev electrons /Influence de la technologie et de la temperature sur la tenue des MOST aux electrons de 1 Mev/. 17 p2918 A67-32852
Tests of the behavior under radiation of MOSTs in the D2 satellite telemetry coder /Tests de tenue aux radiations des MOST du codeur de telemesure du satellite D2/. 21 p3593 A67-38230
- PIIL, E. I.**
Synthesis of a certain type of microprogrammers /Sintez odnogo tipa mikroprogrammykh avtomatov/. 19 p3190 A67-36094
- PIKE, E. R.**
Photon-counting distributions of modulated laser beams. 07 p1197 A67-20125
Steady current flow in superconductors of the second kind. 16 p2731 A67-31171
- PIKE, R. J.**
Schroeter's rule and the modification of lunar crater impact morphology. 13 p2210 A67-27602
- PIKE, W. S.**
A self-scanned solid-state image sensor. 23 p3998 A67-40868
- PIKELNER, S. B.**
The interstellar and intergalactic medium. 02 p0330 A67-12579
Possibility of identifying the lines of MgqII and Hq quark atoms in the solar spectrum /O vozmozhnosti otobzhestvleniia linii kvarkatomov MgqII i Hq v spektre solntsa/. 03 p0509 A67-13298
Possibility of identifying the lines of the quarkatom Mg q II and Hq in the spectrum of the sun. 04 p0696 A67-14723

- Dynamics of the solar atmosphere. 05 p0891 A67-16363
- Radio emission and the structure of the solar atmosphere over sunspots /Radioluchenie i stroenie atmosfery nad plamami/. 06 p1083 A67-18153
- Radio emission and atmospheric structure above sunspots. 16 p2741 A67-30497
- PIKIN, I. U. D.**
- Computer integration of the Faulkner-Skan equation in the presence of normal and tangential velocity components on the surface of a body /Integrirovanie na vychislitel'noi mashine uravneniya Fol'knera-Skela pri nalic'ii normal'noi i kasatel'noi sostavlyayushchikh skorosti na poverkhnosti tela/. 18 p3024 A67-33538
- PIKUS, G. E.**
- Probe investigations of a plasma in thermoemission converters with a high cesium-vapor pressure. III - Distribution of electron concentration and electron temperature and space potential in the interelectrode space of thermoemission converters /Zondovye issledovaniya plazmy v termoemissionnykh preobrazovatelakh s vysokim davleniem parov tseziya. III - Raspreделение kontsentratsii, temperatury elektronov i potentsiala prostranstva v mezhelektrodnom prostranstve termoemissionnykh preobrazovatelei/. 01 p0012 A67-10353
- Probe investigation of plasma parameters in a high-pressure cesium thermionic converter. I - Experimental method - Theory. 02 p0184 A67-12467
- Probe investigation of plasma parameters in a high-pressure cesium thermionic converter. II - Examination of the probe method - Some results of measurements carried out in the diffusion and arc modes. 02 p0184 A67-12468
- Optical absorption, tunnel current and diagonal tunneling in crossed electric and magnetic fields. 06 p1069 A67-18978
- Light absorption in semiconductors in crossed electric and magnetic fields. 10 p1893 A67-23590
- Investigations of plasma in high-pressure cesium converters. III. 11 p1746 A67-25026
- Spectroscopic measurements of plasma parameters in thermionic converters. 13 p2056 A67-27385
- Obtaining a falling voltage-current characteristic in semiconductors in crossed electric and magnetic fields by short circuiting the transverse Hall field. 15 p2534 A67-29359
- Combination resonance of holes in Ge and Si type semiconductors. 23 p4042 A67-41297
- PILAND, R. O.**
- Gemini experiments program - Mission III-VII. 10 p1713 A67-23243
- PILCHER, J. M.**
- Methods of measuring slough characteristics of clean packaging materials. 23 p3986 A67-40847
- PILCHER, L. S.**
- Asteroid belt investigation using small, spin-stabilized fly-by probes. 19 p3322 A67-35317
- PILIANKEVICH, A. N.**
- Investigation of recrystallization of thin films under electron bombardment. 13 p2177 A67-27071
- PILLIE, R. J.**
- Warm fog suppression in large-scale laboratory experiments. 22 p3828 A67-39338
- PILIIA, A. D.**
- Wave transformation in a weakly inhomogeneous plasma /O transformatsii voln v slabo neodnorodnoi plazme/. 04 p0668 A67-15217
- Wave conversion in an inhomogeneous plasma. 04 p0668 A67-15276
- Wave scattering in a plasma in the presence of transformation /Rasseianie voln v plazme pri nalic'ii transformatsii/. 06 p1045 A67-18785
- Wave conversion in a weakly inhomogeneous plasma. 15 p2532 A67-30265
- Wave scattering and wave conversion in a plasma. 18 p3086 A67-33727
- The radiation noise from a plasma as affected by wave transformation. 20 p3498 A67-36691
- PILIPENKO, V. A.**
- Form of the boundary of a plasma freely expanding in a magnetic field /O forme granitsy svobodno razlatalushchiesya plazmy v magnitnom pole/. 16 p2706 A67-30457
- PILIPETSKII, N. F.**
- Principal forms of disintegration of organic glass under the effect of pulsed laser beams /Osnovnye razrusheniya organicheskogo stekla pri vozdeystvii impul'snykh svetovykh lazera/. 02 p0257 A67-12241
- Effect of a laser light beam on organic glass /Deistvie svetovogo luchazera na organicheskoe steklo/. 06 p1021 A67-18808
- Destruction of transparent materials by laser radiation - Formation of gas bubbles and wedging of the material by gas pressure. 09 p1516 A67-22660
- Strengthening of steels with laser beams. 12 p1955 A67-25372
- Laser radiation field focused by real systems. 18 p3061 A67-34439
- PILPOVICH, D.**
- Infrared spectrum, structure, and thermodynamic properties of trifluoramine oxide, NF sub O. 15 p2433 A67-29880
- PILPOVICH, V. A.**
- Losses in solid-state lasers during laser action /O poteriakh OKG na tverdom tele v protsesse generatsii/. 02 p0254 A67-12742
- Temperature dependence of the radiation frequency of a ruby laser with a phthalocyanine blocking device /O temperaturnoi zavisimosti chastoty izlucheniya rubinovogo OKG s ftalotsianinovym zatvorom/. 21 p3640 A67-38451
- PILUTIK, A. G.**
- On improving the estimates of the solutions of the system of linear differential equations with variable coefficients. 06 p1023 A67-18038
- PILKEY, W. D.**
- The dynamic response of structural members - An improvements in classical methodology. 16 p2763 A67-30616
- PILKINGTON, J. A.**
- The visual appearance of artificial satellites. 05 p0787 A67-17407
- PILKUHN, M.**
- Preparation and properties of solution-grown epitaxial p-n junctions in GaP. 02 p0297 A67-11876
- PILKUHN, M. H.**
- Recombination processes in GaP diodes as functions of temperature. 06 p1082 A67-18931
- Optical and electrical properties of epitaxial and diffused GaAs injection lasers. 06 p1338 A67-21289
- Semiconductor-diode light sources. 12 p1979 A67-25169
- PILLAY, T. C. M.**
- A torsion effusion study of the reaction of graphite with hafnium and uranium dioxides. 01 p0018 A67-10763
- PILLER, H.**
- Electron effective mass in gallium arsenide as a function of doping. 06 p1061 A67-18921
- PILLOUS, V.**
- Structural stability of a welded joint of percent chromium steels and of CrMoWV-type steels /Strukturalna ustoiichivost' svarnogo soedineniya 12 percent khromistykh stalei i stalei tipa CrMoWV/. 23 p4019 A67-41077
- PILSKII, V. I.**
- Influence of dispersion effects on the structure of a shock wave in a magnetized plasma. 18 p3084 A67-33525
- PILTCH, M.**
- Efficient pulsed gas discharge lasers. 05 p0819 A67-16650
- PILZ, G.**
- Short-wave radio links /Kurzwellenverbindungen/. 07 p1150 A67-19343
- PILZ, W.**
- Development of simpler and less expensive liquid-propellant rockets /Ueber eine Entwicklung einfacher und preisgünstiger Flüssigkeitsraketen/. 02 p0335 A67-12430
- PIMENOV, I. U. V.**
- Reflection of a plane electromagnetic wave from an ideally conducting ellipsoid of revolution /Otrazhenie ploskoi elektromagnitnoi volny ot ideal'no provodiashego ellipsoida v rashcheniya/. 11 p1751 A67-23915
- Reflection of a plane electromagnetic wave from an ideally conducting triaxial ellipsoid /Otrazhenie ploskoi elektromagnitnoi volny ot ideal'no provodiashego trekhosnogo ellipsoida/. 11 p1754 A67-24986
- Reflection of a plane electromagnetic wave from an ideally conducting ellipsoid of revolution. 21 p3586 A67-38943
- PIMENTEL, G. C.**
- Hydrofluoric acid chemical laser. 20 p3462 A67-37564
- PIMKIN, M. IA.**
- Some special features of the method of testing graphite for fatigue in alternate-reversing bending, and the results obtained. 04 p0641 A67-14599
- PINARD, J.**
- Very high-resolution Fourier spectrometer /Spectrometre de Fourier a tres haute resolution/. 20 p3438 A67-36346
- PINCE, B. W.**
- Response of squirrel monkeys to hyperoxygenation prior to and during high G, long duration acceleration. 23 p3956 A67-41635
- Response of the pharmacologically denervated heart to accelerative stress. 23 p3957 A67-41636
- PINCHON, P.**
- Detrimental effect of 1-Mev electrons on epitaxial solar cells /Degradation des cellules solaires epitaxiales due a des electrons de 1 Mev/. 21 p3572 A67-38672
- PINCKNEY, R. L.**
- The design and construction of filament-reinforced composite rotor blades. 03 p0453 A67-13416
- PINCKNEY, S. Z.**
- Flat-plate compressible turbulent boundary-layer static temperature distribution with heat transfer. [AIAA PAPER 67-195] 06 p1116 A67-18362
- PINCUS, P.**
- Magnetic-field-induced surface states in a pure type-I superconductor. 17 p2925 A67-33374
- PINCUS, P. A.**
- Microwave absorption by magnetic-field-induced surface states in superconductors. 24 p4205 A67-42739
- PINDAK, F. F.**
- Effect of a space cabin environment on viral infection. 21 p3574 A67-38080
- PINDER, D. N.**
- Propagation of electromagnetic waves along an annular plasma. 02 p0204 A67-12187
- PINE, A. S.**
- Optical heterodyne detection of stimulated Brillouin scattering in quartz. 05 p0823 A67-16688
- PINEGRE, M.**
- Aerodynamic measurements in a plasma jet /Mesures aerodynamiques dans un jet de plasma/. 05 p0850 A67-16035
- Dynamic pressures in helium and argon plasma jets in air /Pressions dynamiques dans des jets de plasma d'hélium et d'argon dans l'air/. 09 p1549 A67-22554
- PINELIS, R. G.**
- The problem of controlling the motion of nonlinear pulsed systems /K zadache ob upravlenii dvizheniem nelineynykh impul'snykh sistem/. 20 p3487 A67-37659
- PINES, B. IA.**
- Activation energy of high-temperature internal friction /K voprosu ob energii aktivatsii temperaturnogo fona vnutrennego treniya/. 04 p0640 A67-15978
- Surface and volume diffusion in thin film of the system Ag-Se. 12 p1979 A67-25179
- Some peculiar features of the kinetics and high-temperature creep and breakdown of thin electrolytic metal films /Nekotorye osobennosti kinetiki vysokotemperaturnoi polzuchesti i razrusheniya u tonkikh elektroliticheskikh plenok metallov/. 12 p1955 A67-25448
- Some peculiarities in the kinetics of high-temperature creep and fracture in thin electrolytic metal films. 21 p3646 A67-38827
- PINES, S.**
- Optimal guidance for ascent trajectories into circular orbits. [AIAA PAPER 67-56] 06 p1029 A67-18495
- PINGANNAUD, M.**
- Role played by nutritional factors in flight safety /Role joue par des facteurs nutritionnels dans la securite des vols/. 14 p2254 A67-28216
- Physiopathological effects of collisions with birds occurring in the French Air Force /Effets physiopathologiques des collisions avec les oiseaux survenues dans l'Armee de l'Air Francalse/. 23 p3934 A67-41070

- PINGANNAUD, P. M.**
Physiopathological effects of accelerations in astronautics /Effets physiopathologiques des accélérations en astronautique/. 20 p3371 A67-36822
- PINK, H.**
The determination of chromium distribution in laser-rubies with neutron activation. 20 p3458 A67-36427
- PINKER, R. A.**
Pressure loss associated with compressible flow through square-mesh wire gauzes. 14 p2305 A67-29009
The influence of added narrow band noises and tones on the subjective response to shaped "white" noise. 17 p2795 A67-32125
- PINKUS, O.**
The dynamics of real air from subcritical temperatures to 1500 deg K. 04 p0738 A67-15914
- PINNEL, M. R.**
Microstrain behavior of metal matrix composites. [ASTM PAPER 6] 18 p3067 A67-34571
- PINNEY, E.**
Two-particle correlation in a static plasma. 22 p3848 A67-39689
- PINNEY, S. G.**
Corrosion control at the Cape - Environment at Cape Kennedy ideal for corrosion. 11 p1773 A67-24940
- PINSKER, I. Z.**
Some properties of indium phosphide based semiconductor lasers /Nekotorye svoystva poluprovodnikovyykh kvantovykh generatorov na osnove fosfida indiya/. 01 p0086 A67-10065
Properties of gallium arsenide diode lasers /Svoystva diodnykh kvantovykh generatorov, izgotovlennykh iz arsenida galliya/. 01 p0086 A67-10066
Some properties of semiconductor lasers based on indium phosphide. 08 p1339 A67-21448
Properties of diode quantum generators prepared from gallium arsenide. 08 p1339 A67-21449
Properties of injection lasers at 0.8-1.1 mu. 21 p3639 A67-37943
- PINSKER, M. S.**
Some mathematical problems in the theory of transmission of information /Nekotorye matematicheskie voprosy teorii peredachi informatsii/. 04 p0592 A67-14884
- PINSKER, T. N.**
Passage of hot electrons through a metal film in a semiconductor-metal-semiconductor system /Prokhozhdeniye gorjachikh elektronov skvoz' metallicheskuyu plenku v sisteme poluprovodnik-metal-poluprovodnik/. 15 p2541 A67-30239
- PINSKII, I. A. M.**
Instability of a high-frequency discharge in a magnetic field. 06 p1039 A67-18081
Instability of a high-frequency discharge in a magnetic field. 08 p1357 A67-20847
- PINSLEY, E. A.**
The annular hollow cathode - Its operation and applications. 04 p0628 A67-15311
- PINSON, J. D.**
Synergistic and accelerated testing effects on space thermal-control materials. 24 p4177 A67-42916
- PINSON, L. D.**
Analyses of longitudinal dynamics of launch vehicles with application to a 1/10-scale Saturn V model. 10 p1713 A67-23749
- PINSON, P.**
Longitudinal modes of a CO sub 2 laser cavity - Applications /Modes longitudinaux d'une cavite laser a CO sub 2 - Applications/. 10 p1863 A67-22846
- PINSON, W. H., JR.**
Rb-Sr study on country rocks of the Bosumtwi crater, Ghana. 14 p2314 A67-28952
- PINTER, G. R.**
Cryogenic helium pressurization system for the descent stage of the Lunar Excursion Module /LEM/. 22 p3749 A67-40394
- PINTER, S.**
Geomagnetic crochets of solar flares observed in Hurbanovo. 23 p4049 A67-40670
Geomagnetic crochets associated with proton flares. 23 p4050 A67-40671
- PINTILIE, I.**
Hemodynamic modifications produced by posture variations - Influence of the anti-G suit and of tourniquets /Modifications hemodynamiques produites par les variations de posture - Influence du costume anti-G et des tourniquets/. 16 p2616 A67-30754
- The dynamics of the ophthalmic artery in hypoxia /La dynamique de l'artere ophthalmique en hypoxie/. 16 p2611 A67-30757
- PINTO, J.**
Amorphous whiskers of a cobalt-gold alloy. 01 p0135 A67-10895
- PINTO, N. P.**
Characteristics of Be-38 percent Al sheet. 13 p2140 A67-27128
Beryllium wire - A new engineering material. 16 p2687 A67-30488
- PINUS, N. Z.**
Structure of the wind field in a thermally stratified atmosphere /O strukture polia skorosti vetra v termicheski stratifitsirovannoi atmosfere/. 05 p0837 A67-18485
On the structure of the wind velocity field in a thermally stratified atmosphere. 13 p2150 A67-26341
Power spectra of turbulence in the free atmosphere. 15 p2513 A67-30058
- PIO, R. L.**
Euler angle transformations. 06 p1032 A67-18527
- PIPAL, M.**
Influence of stress on glycemia in healthy subjects /Influence du stress sur la glycemie chez des personnes saines/. 14 p2255 A67-28221
- PIPER, H. S., JR.**
Output characteristic function for an analog cross-correlator with bandpass inputs. 12 p1918 A67-26080
- PIPER, T. C.**
Detection of the vibrational states of gases adsorbed on tungsten by low-energy electron scattering. 13 p2160 A67-27075
- PIPER, W. T., JR.**
General aviation today and tomorrow. 18 p3348 A67-34973
- PIPES, L. A.**
A perturbation method for the solution of linear matrix differential equations. 15 p2511 A67-30018
- PIPKIN, A. C.**
Nearly viscometric flows. 15 p2469 A67-29222
- PIPKO, R. M.**
Calculation of two-layer rods /O raschete dvukhsloynnykh sterzhnei/. 03 p0527 A67-14071
- PIPPARD, A. B.**
Theory of the galvanomagnetic properties of magnesium and zinc. 03 p0495 A67-13511
- PIRANI, F. A. E.**
The sign of the gravitational force. 20 p3483 A67-36184
- PIRIE, N. W.**
The construction of a lunar microcosm. 02 p0185 A67-12313
- PIRKO, Z.**
The relativistic rotation of the perigee of an artificial earth satellite /Relativisticheski staceni perigea umele družice zeme/. 09 p1583 A67-21658
The advantages of a multistage rocket compared to a single-stage rocket /Vortelle einer mehrstufigen Rakete im Vergleich mit einer einstufigen Rakete/. 20 p3534 A67-37297
- PIROGOV, E. N.**
Method of studying the damage associated with thermal fatigue. 09 p1575 A67-22167
- PIROGOVSKII, V. V.**
Investigation of the nonequilibrium conductivity of a plasma in an MHD generator /Issledovanie neravnovesnoi provodimosti plazmy v magnitogazodinamicheskom generatore/. 16 p2601 A67-30552
- PIRRONI, J. S.**
High speed electromagnetic shutter. 10 p1658 A67-23786
- PIRSHIN, I. V.**
The use of 45 deg X-cut ADP crystals in laser emission control devices. 24 p4167 A67-42239
- PIRTLE, J. C.**
Requirements of a commercial supersonic aircraft on its engines. [AIAA PAPER 87-376] 15 p2549 A67-30423
Designing diagnostics into propulsion systems. [SAE PAPER 870363] 17 p2930 A67-33000
- PIRTSKHALAISHVILI, V. A.**
Structure and properties of nitrogen-containing chrome-manganese steel of the 20 percent Cr-12 percent Mn-3 percent Ni type, alloyed with molybdenum and niobium /Struktura i svoystva azotsoderzhashchikh khromomargantsevykh staley tipa 20 percent Cr-12 percent Mn-3 percent Ni, legirovannykh molibdenom i niobium/. 06 p1017 A67-18184
Effect of niobium on the structure and properties of chromium-manganese steels /Vliyanie niobila na strukturu i svoystva khromomargantsevykh staley/. 08 p1343 A67-21206
Structure and certain properties of austenitic chromium-manganese steels alloyed with nickel, molybdenum, and niobium /Struktura i nekotorye svoystva austenitnykh khromomargantsevykh staley, legirovannykh nikelom, molibdenom i niobium/. 12 p1955 A67-25439
- PIRUMOV, U. G.**
Calculation of nonequilibrium flows in nozzles /Raschet neravnovesnykh techenii v soplakh/. 06 p0935 A67-17726
Analytical investigation of a supersonic jet expelled from an orifice with plane walls /Raschetnoe issledovanie sverkhzvukovoi strui, istekalushchei iz otverstiya s ploskim stenkami/. 16 p2656 A67-30455
Calculation of the flow in a Laval nozzle /Raschet techeniya v sope Lavalla/. 24 p4091 A67-42160
- PISA, E. J.**
Measurement of optical surface roughness using coherent radiation. 01 p0020 A67-10020
- PISANO, A.**
Sterilizing effect of high intensity airborne sound and ultrasound. 01 p0016 A67-10881
- PISANO, M. A.**
Sterilizing effects of high-intensity airborne sonic and ultrasonic waves. 04 p0562 A67-14520
- PISARCHUK, V. M.**
Analysis of the tolerances of the transfer constant of a transistor amplifier with multiloop feedback /Analiz dopuskov koeffitsienta peredachi tranzistornogo usilitelia s mnogopetlevoi obratnoi svyaz'yu/. 22 p3769 A67-39577
- PISARENKO, G. S.**
Assembly for prolonged high-temperature testing of materials in vacuum or inert media /Ustanovka dlia dlitel'nykh ispytaniy materialov v vakuume ili inernoi srede pri vysokikh temperaturakh/. 01 p0051 A67-11247
Failure of heat-resisting alloys under thermal cyclic loads. 03 p0447 A67-14192
High temperature strength of materials /Prochnost' materialov pri vysokikh temperaturakh/. 07 p1208 A67-19299
Experimental method for studying high-speed collisions of solid particles with obstacles at various angles /Eksperimental'naya metodika issledovaniya vysokoskorostnogo soudarenia tverdykh chastits s pregradami pod razlichnymi uglami/. 12 p1926 A67-25956
Apparatus for prolonged high-temperature testing of materials in vacuum or in an inert atmosphere. 17 p2835 A67-33170
Stress relaxation and the endurance of metals under cyclic thermal load /Relaksatsiya napruzheniya i dovgovichnost' metalu pri tsiklichnomu teplovomu navantazhenii/. 22 p3912 A67-39686
- PISARENKO, N. F.**
Investigation of cosmic radiation by the Luna-10 artificial satellite /Issledovanie kosmicheskogo izlucheniya na iskusstvennom sputnike Luna-10/. 01 p0145 A67-10906
Study of soft corpuscular radiation by the lunar satellite Luna-10 /Izuchenie miagkoi korpuskularnoi radiatsii na sputnike luny Luna-10/. 01 p0145 A67-10907
Ensuring radiation safety during flights of the spaceships "Voskhod" and "Voskhod 2" /Obespechenie radiatsionnoi bezopasnosti pri poletakh korabeli "Voskhod" i "Voskhod-2"/. 02 p0308 A67-12321
Study of corpuscular radiation by the Luna 10 space vehicle /Izuchenie korpuskularnoi radiatsii na kosmicheskom apparate "Luna-10"/. 05 p0875 A67-18053
Provision for radiation safety in flights of "Voskhod" and "Voskhod-2" ships. 14 p2256 A67-27863
Measurement of corpuscular radiation on the space probe Luna-10. 21 p3697 A67-37840
- PISARENKO, N. V.**
Prophylaxis for the negative effect of hypokinesia on the human cardiovascular system /Profilaktika otritsatel'nogo vliyania gipokinezii na serdечноsoudistuyu sistemu cheloveka/. 13 p2059 A67-26764
- PISARENKO, V. A.**
Brittle fracture at grain boundaries in

- molybdenum /O khрупkom razrushenii v molibdene po granitsam
zeren/. 13 p2130 A67-26447
- PISAREVA, V. V.**
Study of an equatorial ionospheric anomaly in the East-Asian zone of the Pacific Ocean /Issledovanie ekvatorial'noi anomalii ionosfery v Vostochno-Aziatskoi zone Tikhogo okeana/. 14 p2308 A67-27937
- PISAREVSKII, A. N.**
Noise of photomultipliers - Survey /Shumy fotoelektronnykh umnozhitel' /Obzor/. 03 p0388 A67-14260
- Noise in photomultipliers. 14 p2288 A67-28772
- PISCIOTTA, A. JR.**
Subsystem analyses for a MORL resistojet control system. [AIAA PAPER 67-721] 21 p3714 A67-38747
- PISHCHENKO, I. A.**
Equation of motion of non-Newtonian fluids in the initial section of a cylindrical tube /Upravlenie dvizheniia nen'yutonovskikh zhidkostei v nachal'nom uchastke tsilindricheskoi trubki/. 18 p3024 A67-33539
- PISKOVITINA, I. A.**
Computation of the strength of oval thin-walled cylinders, reinforced with lateral rigid ribs /Raschet prochnosti oval'nykh tonkostennyykh tsilindrov' podkreplennykh poperechnymi rebriami/. 15 p2577 A67-30185
- PISKUN, V. V.**
Elastoplastic axisymmetric stressed state of a circular cylindrical shell of constant thickness during unsteady heating /Uprugoplasticheskoe osesimmetrichnoe napriazheniye sostoiannie krugovoi tsilindricheskoi obolochki postoiannoi tolschiny pri nestatsionarnom nagreve/. 05 p0912 A67-16181
- PISMEN, L. M.**
Transverse diffusion and heat conductivity in a granular layer /Poperechnaia diffuziia i teploprovodnost' v zernistom sloe/. 20 p3554 A67-37054
- PISMENNAIA, S. D.**
Computer-based calculations of the equilibrium of combustion products from methane-oxidizing mixtures /Raschety termodinamicheskogo ravnovesiia produktov goreniia metano-okislitel'nykh smesei na elektronnno-vychislitel'nykh mashinakh/. 11 p1881 A67-24023
- PISMENNYI, V. D.**
Measuring the electron temperature of a powerful pulsed discharge. 22 p3852 A67-39991
- PISTER, K. S.**
Stress analysis for elastic response of physically nonlinear solid propellants. [AIAA PAPER 66-124] 01 p0139 A67-11155
- PISTOLKORS, A. A.**
A method for the determination of the spectrum of an extraterrestrial source of radiation. 03 p0371 A67-13946
- Resolving power of a hologram /O razreshalushchei sposobnosti gologrammy/. 15 p2489 A67-30006
- Resolving power of a hologram. 18 p3046 A67-33767
- PISTOULET, B.**
Study of conduction in structures with thin superimposed metal-insulator-metal layers /Etude de la conduction dans les structures a couches minces superposees metal-isolant-metal/. 02 p0295 A67-11762
- Study of GaSb injection lasers /Sur l'etude des lasers a injection au GaSb/. 09 p1516 A67-22600
- Study of the surface potential of semiconductors in ultrahigh vacuum and under controlled atmosphere /Etude du potentiel de surface des semiconducteurs en ultra-vide et sous atmosphere controlee/. 10 p1696 A67-23694
- PISTRIAK, V. M.**
The interaction of plasmoids with an axially symmetric magnetic field. IV. 09 p1545 A67-21996
- Interaction between plasmoids and an axisymmetric magnetic field /Vzaimodelstvie plazmennyykh sgustkov s aksial'no-simmetrichnym magnitnym polem/. 15 p2525 A67-29246
- Interaction of magnetized plasmoids with a magnetic barrier /Vzaimodelstvie zamagnichennykh plazmennyykh sgustkov s magnitnym bar'erom/. 15 p2525 A67-29247
- Interaction of magnetized plasmoids with a "magnetic barrier." 23 p4035 A67-41685
- PITAEVSKII, L. P.**
Scattering of radio waves in the wake of a body moving through plasma /O rasselanii radiovoln na slede dvizhushchegosia v plazme tela/. 02 p0192 A67-11657
- Scattering of radio waves on the trail of a body moving in plasma. 16 p2624 A67-31072
- PITKIN, E. T.**
Second transition partial derivatives via universal variables. 16 p2696 A67-30960
- PITLAK, R.**
A simple optical ranging technique for orbital rendezvous. 09 p1527 A67-22395
- PITLAK, R. T.**
Environmental degradation of the performance of space optics. 20 p3445 A67-36568
- PITMAN, W. C., III**
Magnetic anomalies over the Pacific-Antarctic ridge. 04 p0611 A67-14493
- PITT, C. G.**
The mass spectra of derivatives of 3-azabicyclo /3.2.1/ octane, 3-azabicyclo /3.3.1/ nonane, and 8-azabicyclo /4.3.1/ decane. 09 p1458 A67-22057
- PITT, C. H.**
The recrystallization of 99.997 percent chromium. 03 p0439 A67-12924
- Dislocation velocities in nickel single crystals. 11 p1809 A67-24920
- PITTELKOW, W.**
Development of a recoverable high-altitude sounding rocket - Project 821 /Bericht ueber die Entwicklungsarbeiten an einer ruckfuehrbaren Hoehenforschungsrakete - Projekt 821/. 04 p0703 A67-14547
- A new recovery system for sounding rockets. 06 p1098 A67-18763
- Developmental work on a recoverable high-altitude probe with paraglider /Entwicklungsarbeiten an einer ruckfuehrbaren Hoehenforschungsrakete mit Paragleiter/. 07 p1259 A67-19573
- PITTELLI, E.**
Effects of stress-induced band-gap widening and defects in GaAs junctions. 04 p0877 A67-15107
- Tunnel and excess currents in stressed Esaki diodes. 21 p3590 A67-38152
- PITTENDRIGH, C. S.**
The path to Voyager. 02 p0185 A67-11816
- Circadian rhythms, space research and manned space flight. 15 p2425 A67-29107
- PITTENGER, F. S.**
Airline terminal building concept. [SAE PAPER 670320] 17 p2835 A67-32981
- PITTERMANN, F.**
Generation and use of binary noise in flight tests /Erzeugung und Verwendung von binarem Rauschen bei Flugversuchen/. 08 p1279 A67-21005
- PITTMAN, G. E.**
Degradation of quantum efficiency in gallium arsenide light emitters. 10 p1615 A67-23525
- PITTMAN, G. F.**
Advances in monolithic integrated circuits. 12 p1916 A67-25995
- PITTMAN, J. C.**
A simple liquid transport cooling system for aircrew-members. 05 p0756 A67-16284
- PITTS, S. W.**
Applications of combined high-thrust, low-thrust propulsion systems. [AIAA PAPER 67-511] 18 p3114 A67-33975
- PITTS, W. C.**
Electric drag on satellites - Theory and experiment. 04 p0705 A67-14998
- PIVIROTTO, T. J.**
End-wall pressure distributions in a confined vortex. [JPL-TR-32-1099] 10 p1626 A67-23150
- PIVIT, E.**
All solid-state parametric amplifier for broadband radiolink at 2000 MHz. 20 p3401 A67-37357
- PIVNEVA, V. T.**
Investigation of the variation in intensity of cosmic rays during Forbush effects. 02 p0311 A67-12593
- Phenomenon of enhanced cosmic-ray intensity during a magnetic storm in February 1959 /Effekt vozzrastaniia intensivnosti kosmicheskikh luchei vo vremia magnitnoi buri v Fevrale 1959 g./. 05 p0885 A67-17498
- PIVNICHNYI, J. R.**
How to predict servo positioner performance. 05 p0753 A67-16235
- PIVNIK, E. M.**
Influence of the structure on the ductility and type of rupture of KhN70VMTYu and EI826 alloys. 06 p1017 A67-18227
- PIZIALI, R. A.**
An improved computational model for predicting the unsteady aerodynamic loads of rotor blades. 04 p0545 A67-14490
- Method for the solution of the aeroelastic response problem for rotating wings. 06 p1099 A67-17917
- PIZZARELLI, A. N. U.**
Antennas for HF radio communications integrated with shipboard structures /Antenne per radiocomunicazioni in HF integrate con le strutture di bordo/. 08 p1301 A67-20772
- PIZZELLA, G.**
Electrons in the Van Allen zone measured with a scintillator on Explorer 14. 04 p0614 A67-14950
- Plasma measurement on Explorer 33. 19 p3319 A67-35245
- PKHAKADZE, M. G.**
Modulation of the charge density of a beam resulting from interaction with a plasma in a solid. 20 p3504 A67-38157
- PLACE, T. A.**
The failure of copper-tungsten fibre composites in repeated tension. 02 p0254 A67-11793
- PLAGOV, I. M.**
Elastoplastic deformation of a cylindrical shell acted upon repeatedly by a moving axisymmetric heat source /Uprugoplasticheskoe deformirovanie tsilindricheskoi obolochki pri povtornykh vozdeistviiakh dvizhushchegosia osesimmetrichnogo istochnika tepla/. 05 p0912 A67-16182
- PLAINEVAUX, J.**
Geometrical interpretation of Picard's method of successive approximations /Interpretation geometrique de la methode des approximations successives de Picard/. 02 p0257 A67-11479
- PLAINEVAUX, J. E.**
Integration of a second-order linear differential equation with boundary conditions by the graphic method of Drymael /Integration de l'equation differentielle lineaire du 2e ordre, avec conditions aux limites, par la methode graphique de Drymael/. 02 p0257 A67-11478
- PLAKHOTNYI, P. I.**
Stresses in braces across an elliptical hole in an elastic plane /Napriazheniia v stoikakh, ustanovlennykh vnutri ellipticheskogo otverstia uprugoi ploskosti/. 21 p3721 A67-38305
- PLAKHOV, D. D.**
Acoustic field of an infinite plate acted upon by random pressure pulsations /Akusticheskoe pole beskonechnoi plastyiny pri vozdeistvii sluchainykh pul'satsii davleniia/. 05 p0846 A67-16708
- Sound field of an infinite plate acted upon by random pressure fluctuations. 11 p1820 A67-24930
- PLAKSIN, I. N.**
Some solution features of oxides having semiconducting properties /Nekotorye osobennosti rastvoreniiia oksislov, imelushchikh poluprovodnikovye svoistva/. 20 p3510 A67-36816
- PLAMONDON, J. A.**
Radiant heat transfer from nongray surfaces with external radiation. [AIAA PAPER 66-21] 03 p0533 A67-13043
- On the determination of the view function to the images of a surface in a nonplanar specular reflector. [JPL-TR-32-939] 15 p2516 A67-29131
- PLANCHARD, E.**
Contribution to the study of the principal properties of serralloy A super 1, an Alnico alloy with 38 percent cobalt. 01 p0093 A67-10518
- PLANDER, I.**
Automatic iteration method of process identification with cyclic adjustment of parameters using analog and hybrid computers. 15 p2465 A67-30342
- PLANK, P. P.**
Hypersonic thermal-structural concept trends. [SAE PAPER 660678] 04 p0716 A67-15789
- PLANT, J. B.**
An iterative procedure for the computation of fixed-time fuel-optimal controls. 02 p0303 A67-12149
- An iterative procedure for the computation of fixed-time fuel-optimal controls. 06 p1097 A67-18522

- PLANTEMA, F. J.**
Bending of orthotropic plates under uniform transverse loading, and the analogy with beams on an elastic layer. 03 p0520 A67-13017
- PLANTIKOW, U.**
Investigation of an argon high-pressure arc /Untersuchungen am Argon-druckbogen/. 19 p3278 A67-35136
- PLANTINGA, G. H.**
An experimental reflex klystron for 1.5 mm wavelength. 22 p3768 A67-39493
- PLASS, G. N.**
Electromagnetic scattering from absorbing spheres. 19 p3184 A67-35688
Resonance scattering from absorbing spheres. 21 p3656 A67-37856
- PLATH, D. W.**
Readability and operability of three types of digital switches. 15 p2430 A67-29135
- PLATONENKO, V. T.**
Holography /photography and wave front reconstruction/ /Golografiya /fotografirovaniye i vosstanovleniye volnovogo fronta/. 01 p0069 A67-11008
- PLATONOV, A. K.**
Study of the properties of correcting maneuvers for interplanetary flights /Issledovanie svoystv korrektsionnykh manevrov v mezhplanetnykh poletakh/. 02 p0321 A67-11536
Optimum properties of correction maneuvers employing a limited-thrust engine /Optimal'nye svoystva korrektsionnykh manevrov pri ispol'zovanii dvigatelya s ogranichennoi tyagoy/. 13 p2213 A67-27320
Investigation of the correctional maneuver peculiarities for space flights. 16 p2758 A67-30661
Investigation of the properties of correction maneuvers in interplanetary flight. 16 p2752 A67-31602
- PLATONOV, G. F.**
Preliminary results of investigation of the nuclear component of cosmic rays by equipment carried by Electron 2. 02 p0310 A67-12583
- PLATONOVA, A. L.**
Linear spiratron with M-type gun. 05 p0776 A67-17169
- PLATONOVA, N. F.**
Compensation method of testing thermobimetallic sensing elements /Kompensatsionnyi sposob ispytaniya termobimetallicheskiykh chuvstvitel'nykh elementov/. 07 p1187 A67-19740
- PLATT, W. T.**
Reproduction and growth of mice and rats under conditions of simulated increased gravity. 10 p1598 A67-23416
- PLATTE, M. M.**
Effects of reliability variations on system cost. 01 p0170 A67-11350
- PLATUNOV, E. S.**
Temperature field on a thin, square, cross-sectioned rod during free cooling. 09 p1579 A67-21862
Theoretical basis for measuring the temperature conductivity of heat resistant rods of square cross section during free cooling /Teoreticheskie osnovy izmereniya temperaturoprovodnosti zharostoikiykh materialov v rezhime svobodnogo okhlazhdeniya kvadratnykh sterzhnei/. 11 p1789 A67-24021
Device for measuring the true specific heat of heat-resistant materials under cooling conditions. 16 p2678 A67-31784
- PLATUS, D. H.**
A note on re-entry vehicle roll resonance. 15 p2572 A67-30211
- PLATZ, P.**
A two-channel Fabry-Perot interferometer for the measurement of Doppler temperatures. 17 p2862 A67-33292
- PLATZEK, R. C.**
Elements. 05 p0776 A67-17036
Trends in microelectronics and related technologies. 05 p0776 A67-17040
- PLATZER, M. F.**
A linearized characteristics method for the dynamic stability analysis of bodies of revolution in supersonic flow. [AIAA PAPER 67-607] 19 p3172 A67-35998
- PLATZMAN, P. M.**
Fermi-liquid effects on plasma wave propagation in alkali metals. 20 p3514 A67-37570
- PLAVITU, C. N.**
Some kinetic phenomena in impure ionic semiconductors. 04 p0675 A67-14923
- PLAZEK, D. J.**
Physical properties of aromatic hydrocarbons. I. 06 p1019 A67-17827
Effect of crosslink density on the creep behavior of natural rubber vulcanizates. 06 p1020 A67-17869
Physical properties of aromatic hydrocarbons. II. 17 p2809 A67-33255
- PLEBUCH, R. K.**
Nuclear rockets. 06 p1030 A67-19024
The performance characteristics and mission capabilities of the nuclear rocket engine. 08 p1412 A67-21107
Nuclear propulsion for manned Mars expedition. [AIAA PAPER 67-510] 18 p3077 A67-33974
- PLECHKOV, V. M.**
Precise measurement of lunar radio emission at 1.8, 2, and 2.5 cm. 18 p3119 A67-33861
- PLECHUS, J. L.**
Medical factors in 1964/1965 fatal aircraft accidents in the Southwest. 01 p0017 A67-10961
- PLEKHOVA, A. I.**
Mechanism of the formation of high-energy plons in cosmic rays /O mekhanizme obrazovaniya vysokoennergichnykh plonov v kosmicheskikh luchakh/. 02 p0315 A67-12760
On the mechanism of production of high-energy plons in cosmic rays. 22 p3876 A67-40262
- PLEKIN, V. IA.**
Investigation of a tracking system for Doppler-frequency measurements in the presence of frequency fluctuations of the tracking heterodyne. 10 p1607 A67-23452
- PLESHAKOV, V. F.**
Anisotropic vector functions of vector argument. 11 p1812 A67-24148
- PLESHANOV, A. S.**
Crises in MHD generators /O krizisakh v MGD-generatorakh/. 01 p0011 A67-10177
Anisotropy of low-temperature plasma and optimum MHD generators. 06 p0950 A67-18089
Thermodynamic and gas dynamic parameters of a low-temperature plasma /Termodinamicheskie i gazodinamicheskie parametry nizkotemperaturnoi plazmy/. 17 p2894 A67-32148
- PLESHKO, M. P.**
Initiation of showers in thin plates by plons and protons with momenta from 0.1 to 20 Bev/c. 02 p0312 A67-12810
- PLESHKOV, A. A.**
Self modulation of emission from an injection semiconductor laser. 06 p1009 A67-17756
Emission of a short single pulse by an injection semiconductor laser. 09 p1516 A67-22659
- PLESIEWICZ, W.**
Anomalous photovoltages in CdSe and CdS thin layers. 13 p2175 A67-26429
- PLESKOV, IU. V.**
Electrochemistry of Semiconductors. 22 p3856 A67-39413
- PLETCHER, D.**
Use of an earth analog in lunar mission planning. 16 p2747 A67-30991
Use of an earth-analog in lunar mission planning. 22 p3887 A67-40142
- PLETNEV, V. D.**
Motion of charged particles in an acute-angled trap /K voprosu o dvizhenii zarlyazhennykh chastits v ostrougol'noi lovushke/. 03 p0486 A67-14064
Injection of solar wind particles into the magnetosphere in the neighborhood of a neutral point. 12 p1991 A67-25109
Motion of a charged particle in the magnetosphere under the action of a sudden geomagnetic impulse. 12 p1992 A67-25118
The motion of charged particles in the neighborhood of a neutral point. 12 p1975 A67-25643
Motion of charged particles in an acute-angled trap. 13 p2172 A67-27717
- PLISS, V. A.**
Theory of invariant surfaces /K teorii invariantnykh poverkhnostei/. 03 p0456 A67-13110
- PLIUTTO, A. A.**
Electron emission properties of a vacuum spark. II. 20 p3498 A67-36684
- PLOCK, F. L.**
Resistance of titanium-base alloys to atmospheric corrosion. [ASTM PAPER 31] 18 p3068 A67-34579
- PLOIX, D.**
The flight of Rubis IV /Le vol de Rubis IV/. 24 p4241 A67-42573
- PLONUS, M. A.**
Scattering from low-density dielectric bodies. [TR-67-114] 16 p2626 A67-31347
Scattering from a half-loop on an infinite perfectly conducting plane. 24 p4121 A67-42265
- PLOTKIN, E. R.**
Heat transfer from the gas to the blade surface under realistic conditions of gas-turbine operation /Teplotodacha ot gaza k poverkhnosti lopatok v real'nykh usloviyakh raboty gazovyykh turbin/. 17 p2973 A67-33077
- PLOTKIN, G. J.**
Reliability scoreboard - A new tool for reliability assessment. 15 p2496 A67-30419
- PLOTKIN, K.**
Shock-tube performance of a Langmuir probe suitable for ballistic-range applications. 15 p2490 A67-30212
- PLOTNIKOV, A. F.**
Temperature dependence of the current-carrier mobility in GaAs crystals irradiated with fast electrons /Zavisimost' podvizhnosti nositelei toka ot temperatury v kristallakh GaAs, obлучennykh bystryimi elektronami/. 04 p0679 A67-15140
Optical absorption, photoconductivity and p-n junctions in cadmium telluride. 08 p1368 A67-20734
Dependence of carrier mobility on temperature in GaAs crystals irradiated by fast electrons. 12 p1979 A67-25163
- PLOTNIKOV, E. M.**
Filtering properties of frequency stability shifters in molecular oscillators. 08 p1305 A67-21274
- PLOTNIKOV, V. I.**
Optimum control of steady systems with distributed parameters /Ob odnoi zadache optimal'nogo upravleniya stacionarnymi sistemami s raspredelennymi parametrami/. 01 p0105 A67-10679
A problem of optimal control for stationary systems with distributed parameters. 11 p1814 A67-25067
- PLOTNIKOV, V. S.**
Moving object image recording and camera parameters /Registratsiya izobrazheniya letashchego ob'ekta i parametry kamery/. 05 p0808 A67-17032
Registration of the image of a flying object and camera parameters. 21 p3627 A67-38264
- PLOTNIKOVA, G. V.**
On the stability of periodic solutions of non-self-contained quasi-linear systems with two degrees of freedom. 06 p0975 A67-18037
- POLOURDE, G. A.**
The attenuation of circumferential inlet distortion in multi-stage axial compressors. [AIAA PAPER 67-415] 18 p2982 A67-33902
- POUSSIOS, G.**
Electromagnetic noise environment in the 200 MHz to 400 MHz band on board aircraft. 05 p0768 A67-17533
- PLUNKETT, R.**
Fatigue-crack-propagation rates under random excitation. [ASME PAPER 66-WA/MET-3] 04 p0639 A67-15343
On the solutions of plates, strips, rods, and cylinders subjected to arbitrary dynamic edge load. 11 p1874 A67-24314
- PLUNKETT, T. F.**
Nuclear analysis of gaseous-core nuclear rockets. 08 p1352 A67-21196
Reaction and power conversion system design integration for earth orbital application. 24 p4186 A67-42547
Power system design requirements for manned earth orbital commercial application. [AIAA PAPER 67-879] 24 p4187 A67-42996
- PLUTA, K. M.**
Electron-impact-induced n goes to n' transitions in H atoms. 01 p0124 A67-10780
- PLUZHNIKOV, V. M.**
Polarization of ferroelectrics under the combined influence of static and alternating electric fields. 03 p0382 A67-13710
- PLYER, C. H.**
Building in reliability. 18 p3058 A67-34673
- PO, H.**
Nonlinear diaphragms in waveguides. 24 p4119 A67-41972
- POBEDRIA, B. E.**
Relation between stresses and strains in nonlinear viscous elasticity /O svyazi mezhdu

- napriazheniia i deformatsiia v nellinoi vliakoz uprugosti/. 12 p2016 A87-25444
The stress-strain relation in nonlinear viscous elasticity. 21 p3726 A87-38829
- POBER, R. L.**
A kinetic study of the densification of TiB sub 2 at high pressure and high temperature. 01 p0098 A87-10704
- POC, M.-M.**
Electrically stimulated freezing of supercooled fog /Electrocongelation des brouillards surfondus/. 16 p2699 A87-31717
- POCH, J. A.**
Elimination of fractures in plated-through-hole printed circuit boards by the use of ductile plating. 08 p1304 A87-21190
- POCHETTINO, L.**
Biosatellite environmental control and life support system design. [SAE PAPER 870839] 24 p4114 A87-41995
- POCHKINA, K. A.**
Regularities in the expansion of turbulent jet flow with zero excess impulse /Zakonomenosti rasprostraneniia turbulentnogo struiinogo techeniia s nulevym izbytkom impul'som/. 06 p0982 A87-17742
Effect of initial turbulence on the characteristics of an axisymmetrical submerged jet /Vlianie nachal'noi turbulentnosti potoka na kharakteristiki osesimmetrichnoi zatoplennoi strui/. 11 p1779 A87-24320
- POCHTAR, I. U. S.**
Test system for static tests of a combinative unit for comparing two quantities given in a binary code. 05 p0788 A87-18265
- POCHTAREV, V. I.**
Cartographic representation of diurnal magnetic variations /Kartograficheskoe predstavlenie sutochnykh geomagnitnykh variatsii/. 10 p1831 A87-22808
Space magnetic fields according to studies of the magnetic properties of meteorites /Magnitnye polia kosmicheskogo prostranstva po dannym issledovaniia magnitnykh svoistv meteoritov/. 14 p2383 A87-27926
Magnetic field of the planets according to studies of the magnetic properties of meteorites /Magnitnoe pole planet po dannym issledovaniia magnitnykh svoistv meteoritov/. 21 p3711 A87-39042
Cartographic representation of diurnal geomagnetic variations. 24 p4150 A87-42145
- POCHTMAN, I. U. M.**
Electrical simulation of problems of bending and oscillations of circular, annular, and sector plates /Elektricheskoe modelirovanie zadach izgiba i kolebaniia kruglykh, kol'tsevykh i sektornykh plastin/. 12 p2032 A87-25988
- PODCHERNIAEVA, I. A.**
Nature of the interaction between zirconium carbide and cesium vapor /O kharaktere vzaimodelstviia karbida tsirkoniia s parami tseziia/. 11 p1822 A87-24033
Preparation and physical properties of alloys of the W-LaB sub 6 system. 13 p2131 A87-26468
- PODELL, R. L.**
Analysis of G/A/G channel utilization in the ATC environment. 02 p0263 A87-12125
Air traffic control G/A/G channel loading investigation. 17 p2810 A87-32110
- PODGORNYI, I. M.**
The influence of plasma density on the results of spectroscopic electron temperature determination. 07 p1228 A87-19514
- PODGURSKAIA, A. V.**
Mechanism of the formation of high-energy pions in cosmic rays /O mekhanizme obrazovaniia vysokoennergichnykh pionov v kosmicheskikh luchakh/. 02 p0315 A87-12760
On the mechanism of production of high-energy pions in cosmic rays. 22 p3876 A87-40262
Certain results obtained by the method of controlled nuclear photoemulsions with the fixation of time of recorded events /Nekotorye rezul'taty, poluchennye metodom kontrolirovannykh ladernykh fotoemul'sii s fiksatsiei vremeni registriruemyykh sobytii/. 24 p4217 A87-42832
- PODICHEVA, I. N.**
An automatic synchronizing apparatus for ballistic studies /Avtomaticheskaiia sinkhroniziruiushchaya apparatura dlia ballisticheskikh issledovaniia/. 16 p2674 A87-31118

- PODILCHUK, I. U. N.**
Influence of a spherical cavity on the stressed state of an elastic medium, taking moment stresses into account /Vlianie sfericheskoi polosti na napriazhennoe sostoiianie uprugoi sredy pri uchete momentnykh napriazhenii/. 21 p3720 A87-38301
- PODKAMENNYI, I. I.**
Magnetolectric digital device /Magnitoelektricheskii tsifrovii pribor/. 22 p3809 A87-40475
- PODKUIKO, V. P.**
The mechanical properties of welded compositions of some aluminum alloys at low temperatures /Mekhanicheskie svoistva svarynykh soedinenii nekotorykh aluminovykh spлавov pri nizkikh temperaturakh/. 17 p2873 A87-32769
Low-temperature mechanical properties of certain deformable aluminum alloys /Mekhanicheskie svoistva nekotorykh aluminovykh deformiruemykh spлавov pri nizkikh temperaturakh/. 24 p4170 A87-41923
- PODLASECK, S. E.**
The influence of environment on the mechanical behavior of metals. 04 p0638 A87-14996
- PODMOSHENSKII, I. V.**
Capillary discharge as a plasma source for quantitative plasma studies /Kapillarnyi razriad kak istochnik plazmy dlia ee kolichestvennykh issledovaniia/. 17 p2897 A87-32177
- PODNEY, W. N.**
Pressure wave generation in a fissioning gas. IV. 08 p1322 A87-21121
- PODOLNYI, E. I.**
High-speed tunnel-diode scalar /Bystrodeistvuiushchaya pereschetnaya iachelka na tunnel'nykh diodakh/. 03 p0376 A87-14266
- PODOLSKAIA, G. A.**
Method of mass exchange simulation for thermal and hydrodynamic processes /O metode massoobmennogo modelirovaniia teplovykh i gidrodinamicheskikh protsessov/. 07 p1267 A87-19328
- PODOLSKII, A. A.**
Calculation of the hydrodynamic process of drawing together aerosol particles in a sonic field in a Stokes flow regime /Raschet gidrodinamicheskogo sblizheniia aerol'nykh chastits v zvukovom pole v Stoksovskom rezhime obtekanii/. 10 p1627 A87-23643
Analysis of the hydrodynamic aggregation of aerosol particles in a sound field under Stokes flow conditions. 18 p3029 A87-34412
- PODOLSKII, A. N.**
Proton-2 earth satellite study of the nuclear component of primary cosmic rays /Izuchenie ladernoi komponenty pervichnykh kosmicheskikh luchel na ISZ "Proton-2"/. 09 p1561 A87-21897
- PODOSEK, F.**
Fissionogenic xenon in the Renazzo and Murray meteorites. 24 p4234 A87-42626
- PODOSEK, F. A.**
Xenon-iodine dating - Sharp isochronism in chondrites. 12 p2002 A87-25525
- PODSHIBIAKIN, A. K.**
The effect of electric and magnetic fields on heat exchange between a laminar flow of a liquid and a plane channel. 16 p2723 A87-31774
- PODSTRIGACH, I. A. S.**
An extremal thermoelasticity problem for an infinite cylindrical shell /Ob odnoi ekstremal'noi zadache termouprugosti dlia beskonечноi tsilindricheskoi obolochki/. 17 p2962 A87-32968
Stress-deformed condition of heated elastic bodies, containing inclusions in the form of thin films /O napriazhenno-deformirovannom sostoianii nagrevaemykh uprugikh tel, soderzhashchikh vklucheniia v vide tonkikh obolochek/. 21 p3720 A87-38295
Determination of the stationary temperature field and stresses in the vicinity of a slit possessing heat resistance. 21 p3729 A87-39007
- PODUSHNIKOVA, K. A.**
Electron cyclotron heating of a plasma. 06 p1039 A87-18082
- PODVIDZ, G. L.**
Supersaturation and condensation jumps in potassium-vapor flows /Perenasyshchenie i skachok kondensatsii pri techenii para kalii/. 11 p1881 A87-24029
- PODVINTSEV, I. U. V.**
Analysis of the dynamic accuracy of

- sensing elements during parametric excitations caused by vibration /Analiz dinamicheskoi tochnosti chuvstvitel'nykh elementov pri parametricheskikh vzbuzhdeniiakh ot vibratsii/. 01 p0064 A87-10417
- POEBL, K.**
Transmission characteristics of high power travelling-wave-tubes for satellite ground-stations. 09 p1478 A87-22258
- POEHLER, T. O.**
Temperature dependence of microwave emission from indium antimonide. 18 p3101 A87-34016
- POESCHEL, R. L.**
The diocotron effect in plasmas and gas discharges. 19 p3292 A87-35392
- POEVERLEIN, H.**
Geomagnetic and ionospheric effects of magnetospheric motions. 01 p0145 A87-11263 [AFRL-66-803]
Characteristic heights for hydromagnetic processes in the atmosphere. 07 p1181 A87-19933
Ionospheric wave theory using coupled vacuum modes. 20 p3389 A87-37709
- POGGI, J. C.**
Positioning of a European synchronous satellite by the ELDO-A booster /Mise a poste d'un satellite geostationnaire europeen par le lanceur ELDO A/. 01 p0158 A87-11418
- POGGI, L.**
The problem of velocity distribution in a shock wave /Sul problema della distribuzione di velocita nell'onda d'urto/. 04 p0605 A87-14984
- POGGIO, A. J.**
Pattern bandwidth optimization of the sleeve monopole antenna. 02 p0212 A87-11607
- POGODIN-ALEKSEEV, G. I.**
Use of ultrasound in metal research and heat treatment of metals /Primenenie ultrazvuka v metallovedeniia i termicheskoi obrabotke metallov/. 01 p0095 A87-10640
Dynamic strength and brittleness of metals /Dinamicheskaya prochnost' i khрупkost' metallov/. 05 p0907 A87-16031
Local and uniform plasticity, durability, and impact ductility of Kh18Ni10T steel during high and low temperatures /Lokal'naia i ravnomernaya plastichnost', prochnost' i udarnaia vliakoz' stal' Kh18Ni10T pri vysokikh i nizkikh temperaturakh/. 17 p2873 A87-32767
Use of ultrasonics in metal science and heat treatment of metals. 18 p3066 A87-34404
- POGOLOV, A. V.**
Stability loss in a strictly convex shell under concentrated load /Poteria ustoiichivosti strogo vypukloi obolochki pri sosredotochennom nagruzeniia/. 03 p0526 A87-14063
General critical stressed state of a strictly convex shell /Obshchee kriticheskoe napriazhennoe sostoiianie strogo vypukloi obolochki/. 04 p0719 A87-15983
Supercritical deformation energy of a thin elastic shell /Ob energii zakriticheskoi deformatsii tonkoi uprugoi obolochki/. 05 p0921 A87-16940
Loss of stability of a strictly convex shell under point loading. 13 p2221 A87-27722
General critical stressed state of a strictly convex shell. 14 p2400 A87-28492
Supercritical strain energy of a thin elastic shell. 14 p2400 A87-28493
- POGOLOV, V. I.**
Allowance for magnetic field variations accompanying auroras during radar investigations of the structure of auroral ionization. 07 p1174 A87-19710
- POGOLOVA, E. V.**
Theory of semiconductor optical excitation - Absorption and dispersion in one-photon and two-photon processes /K teorii opticheskogo vzbuzhdeniia poluprovodnikov - Pogloshchenie i dispersiia pri odnofotonnykh i dvukhfotonnykh protsessakh/. 06 p1054 A87-18798
Contribution to the theory of optical excitation of semiconductors - Absorption and dispersion in single-photon and two-photon processes. 18 p3102 A87-34417
- POGOLOVA, N. N.**
Active ultrasonic delay line. 24 p4130 A87-42237
- POGORELYI, A. N.**
Investigation of ferromagnetic resonance in nickel and permalloy thin films /Issledovanie ferromagnitnogo rezonansa v tonkikh nikeliakh i permalloyevykh

- plenkakh/. 12 p1981 A67-25244
- POGORETSKII, P. P.**
Spontaneous generation breakdown in a ruby laser /Ob effekte avtosryva generatsii v rubinovom opticheskom kvantovom generatore/. 12 p1953 A67-25445
The effect of generation self-cutoff in a ruby laser. 21 p3642 A67-38819
- POGORILII, O. M.**
Adjustment and stabilization of the wavelength of ruby laser radiation /Pro perestroivannia i stabilizatsii dozhnii khvili viprominivannia rubinovogo optichnogo kvantovogo generatora/. 14 p2332 A67-28759
- POGORZELSKI, S.**
Calculation of the field of a reflector antenna at points on the caustic /Obliczenie pola anteny reflektorowej w punktach kaustyki/. 02 p0223 A67-12796
- POGORZELSKI, W.**
Integral equations and their applications. Volume 1. 08 p1348 A67-20761
- POGOSSIAN, V. A.**
Electrostatic polarization of a cylindrical plasma layer in an external static magnetic field /Elektrostaticheskaia polarizatsiia tsilindricheskogo sloia plazmy vo vneshnem staticheskom magnitnom pole/. 13 p2168 A67-27305
- POGUTSE, O. P.**
Flute-type instability of a plasma in a toroidal geometry /O zhelobkovoi neustoiichivosti plazmy v toroidal'noi geometrii/. 03 p0476 A67-13343
Flute instability of plasma in toroidal discharges. 13 p2172 A67-27715
Instability of a plasma with finite orbits in toroidal systems /Neustoiichivost' plazmy s konechnymi orbitami v toroidal'nykh sistemakh/. 19 p3267 A67-34896
- POHL, D.**
A new laser Q-switch-technique using stimulated Brillouin scattering. 09 p1511 A67-21749
- POHL, F.**
The uses of star flight. 06 p1120 A67-19041
- POHL, H. J.**
Problems relating the application of new photoelectronic components to the reception and demodulation of high-frequency modulated laser beams /Nagyfrekvenciasan modulalt lasersugaras felfogasaras es demodulalasara hasznalt uj fotoelektromos eszleolelemek/. 01 p0088 A67-10300
The mode of operation of grid controlled photomultipliers. 14 p2277 A67-27769
- POIARKOV, V. G.**
Inflammability of powdered alloys of the aluminum-magnesium system /Vosplameniemoost' poroshkov splavov sistemy aluminii-magnii/. 22 p3919 A67-40325
- POIRIER, C. P.**
Charged double pion production in pi super plus P scattering at 910 MeV/c. 19 p3266 A67-36100
- POIRIER, J. H.**
Digital tester okays Apollo's altimeter. 14 p2318 A67-28291
- POIRIER, J. L.**
Partial coherence - A nonstatistical approach, and some basic microwave experiments. 09 p1510 A67-21584
- POIRIER, J. P.**
Dislocations in beryllium - Twinning and deformation by climbing /Les dislocations dans le beryllium - Maclage et deformation par montee/. 07 p1210 A67-20163
Investigations on some deformation modes of beryllium. 11 p1810 A67-25093
Electron-microscope study of the cold-working and tempering of beryllium single crystals /Etude au microscope electronique de l'ecrouissage et de la trempe du beryllium monocristallin/. 13 p2138 A67-27117
- POIRIER, Y.**
Experimental study of the characteristics of a hydraulic circuit useful for later development of apparatus for measuring local velocities in magnetohydrodynamic flows /Etude experimentale des caracteristiques d'un circuit hydraulique, utilisable pour la mise au point ulterieure d'appareillages de mesures de vitesses locales dans des ecoulements magnetohydrodynamiques/. 13 p2165 A67-26593
Study and experimental perfecting of an apparatus for measuring local velocities in magnetohydrodynamic flows /Etude et mise au point experimentale d'un appareillage
- destine a la mesure de vitesses locales des ecoulements magnetohydrodynamiques/. 13 p2167 A67-27206
- POISSON-QUINTON, P.**
Aerodynamic study of a family of variable sweepback wings /Etude aerodynamique d'une famille d'ailes a fleche variable/. 03 p0351 A67-12994
Effectiveness and heating of control surfaces in the hypersonic regime /Efficacite et echauffement de gouvernes en hypersonique/. 05 p0750 A67-17403
Water tunnel visualization of vortex flow. 15 p2465 A67-29399
Analysis of the stability and control of an airplane beyond its maximum lift /Analyse de la stabilite et du controle d'un avion au dela de sa portance maximale/. 23 p3932 A67-40567
Aerodynamic study of helicopter blade sections /Etude aerodynamique d'un element de pale d'helicoptere/. 23 p3927 A67-40576
- POITZ, H. A.**
Present day lubricants for utility aircraft engines. 12 p1989 A67-25502 [SAE PAPER 670248]
- POKALIUK, A. I.**
Experimental investigation of convective heat transfer and fluid friction in the motion of a viscous fluid with large Reynolds numbers. 04 p0803 A67-14717
- POKHURSII, V. I.**
Physico-mechanical and corrosion properties of heat-resistant stainless steel EP-479. 21 p3646 A67-39010
- POKHODAIEV, K. S.**
Cross section of the phase diagram of the system Al-Cu-Cd-Mn with a constant manganese concentration at 500 deg C /Razrez diagrammy sostoiianii sistemy Al-Cu-Cd-Mn pri postoiannom soderzhanii margantsa pri temperature 500 deg C/. 07 p1201 A67-19251
- POKHOZHAIEV, S. I.**
A class of operators and the solvability of quasilinear elliptic equations /Ob odnom klasse operatorov i razreshimosti kvazilinelnykh ellipticheskikh uravnenii/. 10 p1674 A67-23076
- POKHUNKOV, A. A.**
Mass-spectrometric measurements of the upper atmosphere temperature. 10 p1639 A67-23214
Mass-spectrometric investigations of the interaction of atmospheric ions with molecules of rocket gas release. 10 p1640 A67-23215
- POKORNY, O. T.**
Wind-tunnel and full-scale forces on rocket sleds. 22 p3780 A67-40095
- POKORNY, V.**
Criteria of aeroplane longitudinal controllability. 02 p0182 A67-12733
- POKROVSKAIA, V. B.**
Variation of the structure and properties of the titanium alloy VT5 as a result of gas saturation /Izmenenie struktury i svoistv titanovogo splava VT5 v rezul'tate gazonasyscheniia/. 10 p1670 A67-23642
- POKROVSKII, E. N.**
Study of the operating circuits of transistorized magnetic amplifiers /Issledovanie rabochikh tsepel magnitno-tranzistornykh usilitelei/. 07 p1150 A67-19209
- POKROVSKII, G. I.**
Calculation of the dynamics of a metering servosystem by the harmonic-linearization method /Raschet dinamiki izmeritel'noi slediashelei sistemy metodom garmoni cheskol linearizatsii/. 16 p2644 A67-31380
- POKROVSKII, I. A. E.**
Determination of the photoionization cross section of negatively charged indium atoms in silicon. 08 p1367 A67-20410
Effect of intrinsic acceptors on the electron processes in gallium antimonide /Vlianie prirodnnykh akseptorov na elektronnye protsessy v antimonide galliia/. 10 p1694 A67-23651
Nature of stimulated emission in gallium-antimonide injection lasers /O prirode stimulirovannoi emissii inzhetskionnykh lazerov iz antimonida galliia/. 10 p1667 A67-23665
Influence of residual acceptors on electronic processes in gallium antimonide. 17 p2923 A67-33332
Nature of the stimulated emission of gallium antimonide injection lasers. 17 p2870 A67-33346
- POKRZYWNICKI, J.**
Remarks concerning hypotheses about the origin of meteorites /Uwagi o hipotezach pochodzenia meteorytow/. 06 p1089 A67-18659
- POLACCO, E.**
Two-photon absorption and coherence. 17 p2870 A67-33317
- POLACK, P.**
Examples of applications of recursive-navigation procedures /Exemples d'applications des procedes de navigation recursive/. 16 p2700 A67-30656
- POLAK, A.**
Three-dimensional boundary-layer flow over a flat delta wing at a moderate angle of attack. 06 p0943 A67-18848 [AIAA PAPER 66-492]
- POLAK, E.**
An algorithm for reducing a linear, time-invariant differential system to state form. 01 p0047 A67-11219
Some sufficient conditions for continuous-linear-programming problems. 02 p0207 A67-12059
Equivalence relations for the classification and solution of optimal control problems. 03 p0391 A67-13266
Constrained minimization problems in finite-dimensional spaces. 03 p0458 A67-13269
Constrained minimization under vector-valued criteria in finite dimensional spaces. 20 p3478 A67-37576
- POLAK, L. S.**
High-frequency electrodeless plasmatron for atmospheric pressure /Vysokochastotnyi bezelektroodnyi plazmatron pri atmosfornom davlenii/. 17 p2897 A67-32175
Chemical processes in a low-temperature plasma /Khimicheskie protsessy v nizkoteperaturnoi plazme/. 17 p2809 A67-32188
- POLAK, M.**
Some remarks on corbino magnetoresistivity in InSb. 24 p4203 A67-42208
- POLAND, D. T.**
The aerodynamics of thrust reversers for high bypass turbofans. 18 p2982 A67-33905 [AIAA PAPER 67-418]
- POLAND, W. B.**
The GSFC scientific data storage problem. 09 p1467 A67-21685
- POLANYI, J. C.**
Vibrational population-inversion and stimulated emission from the continuous-mixing of chemical reagents. 09 p1511 A67-21748
Infrared chemiluminescence in the systems H plus Br sub 2 and H plus HBr. 18 p2996 A67-33786
- POLASEK, J. C.**
Matrix analysis of gimbaled mirror and prism systems. 23 p4003 A67-41323
- POLATBEKOV, P. P.**
Effect of sodium on the dwell time of atoms of certain elements in a DC arc /Vlianie natriia na vremia prebyvaniia atomov nekotorykh elementov v duge postoiannogo toka/. 17 p2888 A67-32377
- POLDER, D.**
Circular polarization in a j equals 1 goes to j equals 0 - transition laser. 21 p3640 A67-38353
- POLE, R. V.**
3-D imagery and holograms of objects illuminated in white light. 07 p1189 A67-20098
Reactive optical information processing. 23 p4002 A67-41270
- POLEZHAEV, V. I.**
The electron beam scanlaser - Theoretical and operational studies. 23 p4017 A67-41393
- POLESIA, A. F.**
Electrical resistivity of alloys on the system Al-Si-Cu-Mg as a function of the heat treatment conditions. 08 p1342 A67-20807
Solid solution disintegration kinetics in the alloy Mg-Al. 08 p1342 A67-20810
- POLETAEVA, I. A.**
Linear system optimization with step-wise constraints. 05 p0781 A67-16251
Optimal systems with bounded mean-square error. 08 p1313 A67-21322
- POLEZHAEV, A. P.**
Artificial satellites of the Earth used for geodetic purposes /Iskusstvennye sputniki zemli, ispol'zuemye v geodezicheskikh tselakh/. 01 p0154 A67-10852
Artificial earth satellites used for geodetic purposes. 14 p2394 A67-28241
- POLEZHAEV, V. I.**
Numerical solution of a system of one-dimensional unsteady Navier-Stokes

- equations for a compressible gas /Chislennoe reshenie sistemy odnornnykh nestatsionarnykh uravnenii Nav'e-Stoksa dlia szhimaemogo gaza/. 06 p0982 A67-17727
- Numerical solution of a system of two-dimensional unsteady Navier-Stokes equations for a compressible gas in a closed region /Chislennoe reshenie sistemy dvumernykh nestatsionarnykh uravnenii Nav'e-Stoksa dlia szhimaemogo gaza v zamknutoi oblasti/. 14 p2296 A67-27987
- POLGAR, L. G.**
Directional radiative characteristics of conical cavities and their relation to lunar phenomena. [AIAA PAPER 65-669] 03 p0508 A67-13049
- POLHEMUS, W. L.**
The integration of multiple sensor systems. 19 p3254 A67-35313
- POLI, C. R.**
Effect of man's motion on the attitude of a satellite. 05 p0906 A67-17205
A study of retrieval techniques for tethered astronauts. 22 p3753 A67-39157
- POLIAK, B. T.**
Minimization method in the presence of limitations /Metody minimizatsii pri nalichii ograniчений/. 03 p0456 A67-12859
- POLIAK, D. G.**
Probability of intersection of a given level by the output voltage of a storage circuit /O veroiatnosti peresechenia zadannogo urovnia napriazheniem na vykhode nakopitelia/. 02 p0205 A67-12533
The probability of crossings of a specified level by the output voltage of a pulse integrator. 14 p2261 A67-28010
- POLIAK, E. V.**
Structural transformations in titanium alloys /Strukturnye prevrashchenia v titanovykh splavakh/. 07 p1205 A67-19271
- POLIAK, G. I.**
Application of prediction method to some nonlinear systems. 10 p1608 A67-23322
- POLIAK, IU. IA.**
Theory of the voltage-current curve for a one-dimensional gas discharge. 09 p1544 A67-21863
- POLIAK, M. P.**
Calculation of the temperature fields in a blade of a high-temperature gas turbine during internal cooling /Raschet poloi temperatur v lopatke vysokotemperaturnoi gazovoi turbiny pri vnutrennem okhlazhdenii/. 17 p2973 A67-33076
- POLIAKOV, A. E.**
Effect of irregularity of the forward flow on losses in cascades with low-aspect-ratio blades /Vlianie neravnomernosti nabegushchego potoka na poteri v reshetkakh s lopatkami malogo udlineniia/. 02 p0179 A67-12439
Some results of an experimental investigation of plane compressor cascades with small-aspect blades /Nekotorye rezul'taty opyt'nogo issledovaniia ploskikh kompressornykh reshetok s lopatkami malogo udlineniia/. 21 p3564 A67-38045
- POLIAKOV, A. F.**
Experimental study of the heat transfer of a viscogravitation fluid flow in a horizontal tube /Eksperimental'noe issledovanie teploobmena pri viazkostnogravitatsionnom techenii zhidkosti v gorizonta'noi tube/. 11 p1881 A67-24025
- POLIAKOV, IU. A.**
Exponential-point method in unsteady heat transfer /Metod eksponentsial'noi točki nestatsionarnogo teploobmena/. 11 p1882 A67-24030
Approximation of the volt-ampere characteristics of a tunnel diode /Approksimatsiia vol'tampernoii kharakteristiki tunnel'nogo dioda/. 20 p3400 A67-37150
- POLIAKOV, L. I.**
Limiting equilibrium of a two-layer cylindrical shell with temperature effects taken into account /O predel'nom ravновesii dvukhsloinnoi tsilindricheskoii obolochki s uchetoii temperaturnykh effektiv/. 05 p0912 A67-16180
- POLIAKOV, L. M.**
Grips for mechanical tests in vacuum over a wide temperature range. 11 p1877 A67-24819
- POLIAKOV, N. N.**
Investigation of the forms of loss of stability of shells with negative Gaussian curvature. 13 p2218 A67-26891

- POLIAKOV, P. S.**
Experimental study of the deformation of spherical bottoms weakened by holes beyond the elasticity limit /Eksperimental'noe issledovanie deformatsii sfericheskikh dnishch, oslablennykh otverstiiami, za predelom uprugosti/. 05 p0923 A67-17187
Stability of ribbed cylindrical shells under axial compression /Ustoichivost' rebristyykh tsilindricheskikh obolochek pri osevom szhatii/. 12 p2020 A67-25571
- POLIAKOV, V. A.**
Experiments with dense hot plasma /Eksperimenty s plotnoi gorieloi plazmoi/. 19 p3282 A67-35159
- POLIAKOV, V. M.**
Kinetics of the ionization-recombination processes in the F2 layer of the ionosphere /O kinetike ionizatsionno-rekombinatsionnykh protsessov v sloe F2 ionosfery/. 02 p0236 A67-11659
Diffusion of charged particles at middle latitudes in the F region of the ionosphere. 07 p1178 A67-19821
Vertical distribution of an electron-ion gas in a weak-source diffusion flux /Vertikal'noe raspredelenie elektronno-ionnogo gaza pri slabykh istochnikakh potoka diffuzii/. 10 p1631 A67-22804
Kinetics of ionization-recombination processes in the F sub 2 layer of the ionosphere. 16 p2665 A67-31074
Vertical electron-ion gas distribution with weak diffusion flux. 24 p4150 A67-42141
- POLIAKOVA, A. L.**
Small-strain sensitivity of p-n junctions /K voprosu o chuvstvitel'nosti pn-perekhodov k malym deformatsiiam/. 17 p2912 A67-32252
- POLIAKOVA, G. N.**
Concerning the distribution of rotational energy levels of molecules excited by ion impact. 06 p1035 A67-17877
- POLIAKOVA, M. D.**
Certain properties of polycrystalline nonalloyed molybdenum /Nekotorye svoistva polikristallicheskogo nelegirovannogo molibdena/. 05 p0832 A67-17510
Some properties of unalloyed molybdenum. 21 p3644 A67-38038
- POLIANAKIA, T. A.**
Investigation of the dependence of the Hall coefficient on the magnetic-field induction in p-type CdSnAs sub 2 /Issledovanie zavisimosti koeffitsienta Kholla ot indukttsii magnitnogo polia v CdSnAs sub 2 p-tipa/. 15 p2543 A67-30253
- POLIANSKII, O. IU.**
A class of self-similar motions of a relaxing gas /Ob odnom klasse avtomodel'nykh dvizhenii relaksirulushchego gaza/. 05 p0791 A67-16376
- POLIANSKII, V. M.**
Study of the fine structure of two-phase alloys of titanium /Issledovanie tonkoi struktury dvukhfaznykh splavov titana/. 07 p1205 A67-19274
- POLICASTRO, M.**
A particular application of the electronic computer - The generation of a probability distribution /Una particolare applicazione del calcolatore elettronico - La generazione di una distribuzione di probabilita'/. 07 p1217 A67-20117
- POLIEVKTov-NIKOLADZE, N. M.**
Non-Einsteinian gravitation equations /O neeinshteynovskikh uravneniiakh tiagotenii/. 16 p2702 A67-31045
- POLIKANOV, IU. V.**
Radiative recombination in the space-charge layer of a p-n junction. 04 p0681 A67-15298
- POLIS, B. D.**
Aeromedical monitoring of naval aviators during aircraft carrier combat operation. 17 p2805 A67-31957
Aeromedical monitoring of naval aviators during aircraft carrier combat operation - A preliminary report. 23 p3963 A67-41541
- POLISHCHUK, I. M.**
Properties of integrals with respect to a parabola and Born approximations in scattering theory /Svoistva integralov po parabole i bornovskie priblizheniia teorii rasselanii/. 22 p3835 A67-39307
- POLISHCHUK, IU. K.**
Objective information sources for automatic flow-condition indicators /Ob'ektivnye istochniki informatsii dlia avtomaticheskikh signalizatorov rezhimov obtakanii/. 17 p2792 A67-32908

- POLISHCHUK, T. I.**
Design of conical shells for antisymmetric loads /Raschet konicheskikh obolochek pri antisimmetrichnykh nagruzkakh/. 06 p1424 A67-21427
- POLISHUK, P.**
Radiolotope techniques for the measurement of VTOL landing and takeoff parameters. 05 p0841 A67-16535
Survey of materials for radiation detection at elevated temperatures. 12 p1985 A67-25862
GaAs laser reflectance measurements of tactical landing terrain samples. 17 p2858 A67-32483
Nuclear methods and techniques as related to the maintenance and checkout of complex electronic and electromechanical systems. 20 p3449 A67-36981
- POLITIEK, J.**
A molecular beam apparatus for the 0-50 ev region. 14 p2316 A67-28191
- POLITZER, P. A.**
Collisional effects in plasmas - Drift-wave experiments and interpretation. 10 p1684 A67-23073
Collisional drift instability in non-isothermal plasmas. 11 p1834 A67-24380
Interpretation of experiments on collisional drift modes. 11 p1834 A67-24381
- POLK, D. H.**
High-temperature plasmas produced by laser beam irradiation of single solid particles. 03 p0485 A67-14047
Electrodeless conductivity probe with application to high-temperature plasma /Bezelektroodnyi zond dlia opredeleniia provodimosti vysokotemperaturnoi plazmy/. 17 p2854 A67-32164
- POLL, R. A.**
Effects of pulsed ionizing radiation on some selected quartz oscillator crystals. 04 p0685 A67-15700
- POLLACK, J. B.**
On the nature of the canals of Mars. 01 p0149 A67-10887
Anisotropic nonconservative scattering and the clouds of Venus. 08 p1385 A67-20931
Radar Doppler spectroscopy of Mars. 11 p1887 A67-24776
Secular changes and dark-area regeneration on Mars. 16 p2747 A67-30989
A statistical analysis of the Martian wave of darkening and related phenomena. 16 p2749 A67-31401
Rayleigh scattering in an optically thin atmosphere and its application to Martian topography. 18 p3134 A67-34536
- POLLACK, M.**
Results and analysis of piloted lunar module /LM/ landing simulation studies. [AIAA PAPER 67-241] 07 p1165 A67-20062
Results and analysis of piloted lunar module landing simulation studies. [AIAA PAPER 67-241] 22 p3780 A67-40100
- POLLACK, M. A.**
Laser action in optically-pumped CN. 01 p0089 A67-10370
Central tuning dip in a submillimeter molecular laser. 11 p1808 A67-24932
Competitive and cascade coupling between transitions in the CW water vapor laser. 14 p2331 A67-28498
- POLLACK, S. R.**
Electron transfer processes through tantalum-tantalum-oxide diodes. 04 p0582 A67-15106
- POLLAK, F. H.**
Band structure of GaAs, GaP, InP and AlSb - The k.p method. 06 p1058 A67-18904
Electroreflectance at a semiconductor-electrolyte interface. 10 p1691 A67-23401
- POLLAK, M.**
An experimental investigation of the Hall effect in the hopping region. 06 p1067 A67-18966
- POLLARD, D.**
Some experiments at low speed on compressor cascades. [ASME PAPER 66-WA/GT-7] 04 p0548 A67-15385
The extension of Schlichting's analysis to mixed flow cascades. 12 p1892 A67-25350
Some experiments at low speed on compressor cascades. [ASME PAPER 66-WA/GT-7] 18 p2983 A67-34131
- POLLARD, E.**
Physical characteristics of the residual DNA in bacterial cells after degradation due to ionizing radiation. 06 p0953 A67-18774

- POLLARD, E. C.**
DNA-agar annealing of residual DNA after degradation by ionizing radiation. 11 p1746 A67-23919
The effect of ionizing radiation on genetic transcription - Aspects of the mechanism. 11 p1747 A67-24786
Ionizing radiation and bacteria - Nature of the effect of irradiated medium. 13 p2059 A67-26867
- POLLARD, F. B.**
Pyrotechnic actuation. 15 p2543 A67-29304
Solid propellant space power systems for normal and emergency space operations. 20 p3533 A67-36601
- POLLARD, H.**
Qualitative methods in the n-body problem. 06 p1081 A67-17781
- POLLARD, H. E.**
Laboratory and flight test program to evaluate the space stability of highly specular reflective surfaces. 17 p2832 A67-32060
- POLLARD, M. G.**
Boundary layer control on helicopter rotor blades. 22 p3742 A67-40133
- POLLARD, R. B.**
Pool boiling response to pressure decay. 04 p0734 A67-15848
- POLLEY, H. W.**
Observations on the fracture of viscoelastic bodies. 08 p1421 A67-20913
- POLLIAS, I. U. G.**
Smoothing amplitude-bounded noises and random measurement errors /O sglazhivani shumov i sluchainykh pogreshnostei izmerenii, ogranichennykh po amplitude/. 06 p0975 A67-18217
Smoothing of amplitude-limited noise and measurement errors. 16 p2642 A67-30483
- POLLMANN, H.**
The Gunn effect. I - Mode of action of the Gunn effect /Der Gunn-Effekt. I - Wirkungsweise des Gunn-Effektes/. 01 p0130 A67-10253
The Gunn effect. II - Gunn effect elements and their applications /Der Gunn-Effekt. II - Gunn-Effekt-Elemente und ihre Anwendungen/. 02 p0220 A67-12198
- POLLOCK, F.**
An alternate approach to the problem of Stokes' flow. 10 p1629 A67-23831
- POLLOCK, G. E.**
Separation of amino acids by gas chromatography using new fluoro derivatives. 21 p3578 A67-38764
- POLLOCK, J. J.**
Reliability overstress testing of the Gemini inertial measuring unit system electronics package. 01 p0111 A67-11363
- POLLOCK, S.**
The utilization of integrated data collection and analysis in reliability/maintainability programs. 18 p3007 A67-34660
- POLLON, G. E.**
On the angular resolution of multiple targets. 07 p1145 A67-19881
- POLMAN, J.**
Automatic recording and analysis of double probe measurements in plasma research. 15 p2489 A67-30092
Anomalous diffusion of a weakly ionized plasma in a magnetic field. 17 p2908 A67-33113
- POLONIS, D. H.**
Electron-microscopy studies of transformations in a Ti-V alloy. 14 p2338 A67-28423
- POLONNIKOV, D. E.**
Choice of amplifying elements ensuring specified dynamic performance of a logic amplifier. 10 p1811 A67-22983
- POLOSIAN, V. A.**
Polarization of a plasma in an electric field. 04 p0666 A67-15180
- POLOSKOV, S. M.**
Determination of wind velocities and diffusion coefficients with the aid of an artificial luminescent cloud /Opredelenie skorosti vetra i koeffitsienta diffuzii s pomoshch'yu iskusstvennogo svetlashchegosla oblaka/. 10 p1875 A67-22795
Rocket measurements of ozone profiles above the level of maximum concentration. 10 p1638 A67-23202
Determination of wind velocity and of the diffusion coefficient by means of an artificial luminescent cloud. 24 p4181 A67-42131
- POLOTSKII, I. G.**
Relaxation damping maxima in plastically deformed molybdenum and niobium single crystals. 08 p1367 A67-20419
- POLOVIN, R. V.**
Nonlinear magnetohydrodynamic waves. 01 p0126 A67-11252
Magnetohydrodynamic waves. 05 p0851 A67-16364
The Chapman-Jouguet theorem in magnetohydrodynamics. 12 p1976 A67-26071
Collective oscillations in a plasma. 20 p3493 A67-36139
The Huygens principle in magnetohydrodynamics /Printsip Guijgensa v magnitnoi gidrodinamike/. 21 p3870 A67-38687
- POLOVINA, I. P.**
Statistical characteristics of the vertical structure of a stratified cloud formation and meteorological elements /O statisticheskikh kharakteristikakh vertikal'noi struktury sloistoi oblachnosti i meteorologicheskikh elementov/. 14 p2346 A67-28765
- POLOVNIKOV, G. G.**
Diffraction of electromagnetic waves on metal gratings with narrow slits. 23 p3975 A67-41683
- POLOZHII, G. N.**
Remark concerning a class of P-analytic functions associated with axisymmetrical problems of the theory of elasticity /Zamechanie k odnomu klassu P-analiticheskikh funktsii, svlazzannykh s osesimmetrichnyimi zadachami teorii uprugosti/. 05 p0923 A67-17185
- POLSKII, N. I.**
Calculation of losses in diffusers. 04 p0548 A67-15601
Flow of a conducting fluid in a flat channel of arbitrary shape /Teheniye provodlashchey zhidkosti v ploskom kanale proizvol'noi formy/. 06 p1043 A67-18676
- POLTAVSKII, L. N.**
Optimal control of wave processes /Optimal'noe upravlenie volnovymi protsessami/. 01 p0044 A67-10493
Optimal control of a two-dimensional distributed oscillatory system. 05 p0781 A67-16253
Optimal control of wave processes. 10 p1621 A67-23615
- POLTAVTSEV, B. IA.**
Some solution features of oxides having semiconducting properties /Nekotorye osobennosti rastvoreniiia oksidov, imelushchikh poluprovodnikovye svoistva/. 20 p3510 A67-36616
- POLTINNIKOV, S. A.**
Temperature dependence of complex original magnetic permeability of the ferrites Co sub 0.8 Zn sub 0.4 Fe sub 2 O sub 4 over a wide frequency range /Temperaturnaya zavisimost' kompleksnoi nachal'noi magnitnoi pronitsaemosti ferritov Co sub 0.8 Zn sub 0.4 Fe sub 2 O sub 4 v shirokom diapazone chastot/. 01 p0128 A67-10079
- POLTORATSKAIA, N. B.**
Heating of a flanged joint. 16 p2766 A67-31205
- POLTORATSKII, B. F.**
The effect of saturation of solid-state masers on their phase characteristics. 11 p1800 A67-24468
- POLTORATSKII, N. I.**
Melting temperature of the ZrC-HfC, TaC-ZrC, and TaC-HfC systems /Temperatura plavleniia v sistemakh ZrC-HfC, TaC-ZrC, TaC-HfC/. 09 p1518 A67-21879
- POLUDIN, V. I.**
Electron-diffraction investigation of the structure of gallium-phosphide semiconducting thin films /Elektronografichnye doslidzheniia strukturi tonkikh napil'providnikovikh plivok fosfidu gallii/. 04 p0686 A67-15970
- POLUEKTOV, I. A.**
Oscillations of the attenuation and velocity of sound waves in semiconductors and metals in the presence of a strong magnetic field. 03 p0501 A67-14370
The excitation of atoms by neutral particles. 09 p1534 A67-21850
Flux and spectrum of protons responsible for hydrogen emission in auroras. 13 p2110 A67-26542
- POLUEKTOV, N. S.**
Luminescent properties of some complex compounds of terbium with pyrazolone derivatives /Luminestsentnye svoistva nekotorykh kompleksnykh soedinenii terbiia s proizvodnymi pirazolona/. 03 p0433 A67-12888
Luminescence properties of some terbium-pyrazolone derivative complexes. 06 p1012 A67-18768
- POLUEKTOV, R. A.**
Constraints due to the plant in synthesis problems of multidimensional closed-looped systems. 03 p0390 A67-13098
Problem of synthesizing multi-dimensional closed-loop systems with random input signals. 05 p0781 A67-16252
- POLUIAKHOTOV, B. K.**
Simulation of gas-stream discharge processes with the aid of plasmoids /O modelirovani protsessov istecheniia gazovykh strui s pomoshch'yu plazmennyykh sgustkov/. 15 p2472 A67-29726
- POLUSHKIN, I. M.**
Effective electron-scattering cross section in a helium and argon plasma with a cesium vapor admixture /Efektivnyi pereriz rozsluivannia elektroniv u plazmi v geli i v argoni z domishkolu pari tseziu/. 01 p0119 A67-10134
Effective scattering cross section of electrons in a helium and argon plasma with potassium vapor additions and in a pure potassium plasma /Efektivnyi pereriz rozsluivannia elektroniv u plazmi v geli ta argoni z domishkolu pari kaliiu i v chistomu kalii/. 04 p0673 A67-15972
- POLUSHKIN, I. N.**
Charge recombination during helium plasma decay at high pressure in the presence of a potassium vapor admixture /Rekombinatsiia zariadov pri raspade plazmy v geli pri povyshennom davlenii s primes'iu parov kalii/. 04 p0667 A67-15215
Study of a discharge plasma in helium and argon with cesium and potassium vapor admixtures. I /Issledovanie razriadnoi plazmy v geli i argone s primes'iu parov tseziia i kalii. I/. 07 p1227 A67-19115
Recombination in the decay of a high-pressure helium plasma containing potassium vapor. 15 p2532 A67-30263
Some properties of a plasma in helium and argon seeded with cesium and potassium vapor /Nekotorye svoistva plazmy v geli i argone s primes'iu parov tseziia i kalii/. 16 p2711 A67-30525
Charge recombination during a plasma decay in helium and argon with cesium vapor additions at increased pressures /Rekombinatsiia zariadov pri raspade plazmy v geli i argone pri povyshennykh davleniiakh s primes'iu parov tseziia/. 19 p3271 A67-35073
Investigation of a discharge plasma in helium and argon with an admixture of cesium or potassium vapor. 21 p3664 A67-38160
- POLVE, J. H.**
The state of ignorance of flutter-flight testing. [AIAA PAPER 66-883] 02 p0181 A67-12264
- POLYMERPOULOS, C. E.**
Stability of free convection flow over a vertical uniform flux plate. 01 p0055 A67-11189
Theoretical calculations of fuel drop ignition and extinction. 19 p3214 A67-35000
- POMEAU, Y.**
Inverse Faraday effect in a plasma /Effet Faraday inverse dans un plasma/. 10 p1883 A67-22853
Approximation of weak turbulence - The Fokker-Planck approximation and that of nonlinear optics /Approximation de la turbulence faible, approximation de Fokker-Planck et de l'optique non lineaire/. 19 p3298 A67-35792
- POMERANTSEV, N. M.**
Application of magnetic films in holography /Primenenie magnitnykh plenok v golografi/. 12 p1939 A67-25237
- POMERANTZ, M. A.**
Characteristics of precipitated electrons inferred from ionospheric forward scatter. 03 p0410 A67-12957
Long-term variation in the magnitude of the diurnal anisotropy of cosmic rays. 12 p1993 A67-25205
- POMEROY, P. W.**
Short-period seismic energy radiation patterns from underground nuclear explosions and small-magnitude earthquakes. [SR-1] 20 p3434 A67-37430
- POMEY, G.**
Influence of various heat treatments on

- the fatigue behavior of chromium-molybdenum steels /Influence de differents traitements thermiques sur le comportement a la fatigue d'aciers au chrome-molybdene/. 18 p3065 A67-34258
- POMILLA, F. R.**
A diffusion model for the propagation of gases in the lunar atmosphere - Contamination by the Lunar Module exhaust. 22 p3883 A67-39817
- POMMERIT, M.**
Experimental results with a new lower-frequency-pumped parametric amplifier. 19 p3195 A67-35626
- POMMIER, J.**
Experimental study of the propagation of an electromagnetic wave along a plasma column subjected to a longitudinal magnetic field according to the modes m equals 1 and m equals -1 /Etude experimentale de la propagation selon les modes m equals 1 et m equals -1 d'une onde electromagnetique le long d'une colonne de plasma soumise a un champ magnetique longitudinal/. 02 p0273 A67-12062
- POMONIK, G.**
An approximate technique for analyzing nonstationary vibration data. 23 p4007 A67-41385
- POMORTSEV, R. V.**
Theory of electrical conductivity of semiconductors in strong electric and magnetic fields /K teorii elektroprovodnosti poluprovodnikov v sil'nykh elektricheskikh i magnitnykh pol'akh/. 03 p0490 A67-13158
Theory of the electrical conductivity of semiconductors in strong electric and magnetic fields. 10 p1690 A67-23106
- POMOT, C.**
Channel mixer for a microwave noise receiver /Melangeur banalise pour recepteur de bruit micro-ondes/. 09 p1481 A67-22480
Simulator for the study of antennas in an ionized medium /Simulateur pour etude d'antennes en milieu ionise/. 21 p3684 A67-38214
- POMPEI, J.**
Deposition of thin films by decomposition of metallic alcoholates in the plasma of a luminescent discharge /Depot de couches minces par decomposition d'alcooates metalliques dans le plasma d'une decharge luminescente/. 10 p1696 A67-23692
Anisotropy in tantalum and titanium anodic oxide films /Mise en evidence de caracteres d'anisotropie presentes par les couches d'oxydes anodiques de tantale et de titane/. 13 p2175 A67-28655
- POMPERANTSEV, A. A.**
Influence of real gas effects on the hypersonic rarefied flow near the sharp leading edge of a thin plate. 08 p1278 A67-20924
- POND, N. H.**
Improvement of traveling-wave tube efficiency through period tapering. 09 p1476 A67-22211
A method of preventing burn-out of depressed collectors in high power TWTs. 15 p2447 A67-29754
- PONG, W.**
Attenuation length measurements of photoexcited electrons in CuBr films. 03 p0500 A67-14332
- PONGRACZ-BARTHA, E.**
Pulse-amplitude distortion in bandpass filters. 07 p1157 A67-20090
- PONIATOVSKII, E. G.**
Superconductivity of Bi-Sn alloy under high pressure. 22 p3857 A67-39460
- PONKRATOV, V. S.**
Optimal reception of binary signals on a background of non-Gaussian noise /Ob optimal'nom prieme binarnykh signalov na fone negaussovykh pomekh/. 24 p4122 A67-42377
- PONNAMPERUMA, C.**
A possible prebiotic synthesis of monocarboxylic acids. 19 p3181 A67-35882
The role of radiation in primordial organic synthesis. 20 p3369 A67-36656
Alpha-aminonitriles formed by an electric discharge through a mixture of anhydrous methane and ammonia. 20 p3369 A67-36764
Aliphatic and alicyclic hydrocarbons isolated from Trinidad Lake asphalt. 24 p4149 A67-42100
- PONOMARENKO, A. G.**
Excitation of strong collisionless shock waves in a plasma. 04 p0666 A67-15187
Investigation of a plasma injected into a

- magnetic trap by means of a conical theta-pinch. 04 p0668 A67-15279
Generation of collisionless shock waves propagating along a magnetic field. 05 p0853 A67-16756
On certain characteristics of plasmas heated by collisionless shock waves. 12 p1976 A67-26074
- PONOMARENKO, I. U. B.**
Viscous effects in an expanding solar corona /Vlaskie efekty v rasshirialushchiesia solnechnoi korone/. 06 p1078 A67-18158
Compton effect on relativistic electrons in the solar atmosphere. 12 p2002 A67-25528
Viscosity effects in an expanding solar corona. 18 p2741 A67-30502
- PONOMARENKO, V. I.**
Theory of nonlinear optical phenomena in impurity semiconductors /Teoriia nelineynykh opticheskikh yavlenii v primesnykh poluprovodnikakh/. 03 p0435 A67-13126
- PONOMARENKO, V. V.**
Natural oscillations of cylindrical shells in a hypersonic fluid flow /Sobstvennyye kolebaniia tsilindricheskikh obolochek v gl'pervukovom potoke zhidkosti/. 05 p0918 A67-16229
- PONOMAREV, E. A.**
Existence of anomalously close radio reflections from sporadic ionization zones, linked with polar aurora /O sushchestvovanii anomal'no blizkikh radiootrazhenii ot zon sporadicheskoi ionizatsii, svyazannykh s polarnymi silaniami/. 02 p0193 A67-11674
Some results of radar observations of auroras at Yakutsk during the IQSY. 13 p2111 A67-26566
Anomalously close radio reflections from sporadic ionization zones, associated with auroras. 16 p2624 A67-31089
Some results of an investigation of the ultralow-frequency radio emission of auroras and the upper atmosphere /Nekotorye rezul'taty issledovaniia ul'tranizkochastotnogo radioizlucheniia polarnykh silanii i verkhnei atmosfery/. 17 p2846 A67-32938
Nature of short-period beat-type oscillations /O prirode korotkoperiodicheskikh kolebanii tipa bienii/. 17 p2847 A67-32946
- PONOMAREV, I. U. V.**
Simulation of the torsional bending vibrations of a wing in an air flow /determination of the critical flutter speed/ /Modelirovanie izgibno-kriticheskikh kolebanii kryla v potoke vozdukh /opredelenie kriticheskoi skorosti flattera/. 21 p3718 A67-37992
- PONOMAREV, L. I.**
Radiation patterns of annular slots on a conducting conical surface /Diagrammy napravlennosti kol'tsevykh shchelei na provodiashchel konicheskoi poverkhnosti/. 13 p2080 A67-27026
- PONOMAREV, M. F.**
A selective semiconductor RC circuit /Izbratel'naiia poluprovodnikovaia RC-tsep'. 14 p2291 A67-28275
- PONOMAREV, V. I. A.**
Free molecular flow over a nonconvex wing at a finite Mach number /Obtekanie nevyphuklogo klina svobodnomolekulyarnym potokom s konechnym chislom Makha/. 22 p3741 A67-40022
- PONOMAREV, V. N.**
Propagation constant in a rectangular waveguide containing a plasma in a dielectric tube. 09 p1473 A67-21999
- PONOMAREVA, I. A.**
Anomalous magnetic field at ionospheric heights /Ob anomal'nom magnitnom pole na vysotakh ionosfery/. 17 p2847 A67-32948
- PONOMAREVA, V. N.**
Wave diffraction on a surface-impedance discontinuity in closed waveguides /K voprosu o difraktsii voln na skachke poverkhnostnogo impedansa v zakrytykh volnovodakh/. 06 p0968 A67-17856
- PONSO, K.**
Observations of ULF emission at two conjugate points /Nabludeniiia ul'tranizkochastotnogo izlucheniia v dvukh sopriazhennykh tochkakh/. 03 p0411 A67-13347
- PONSONBY, J. E. B.**
U.S.S.R.-U.K. planetary radar experiment. 14 p2265 A67-28403
Two dimensional aperture synthesis in lunar radar astronomy. 14 p2385 A67-28442

- PONSOT, C.**
Study from two conjugate points of radioelectric VLF emissions /0.8 to 10 kHz/ /Etude en deux points conjuges des emissions radioelectriques de tres basse frequence /0.8 - 10 kHz/. 06 p0997 A67-18696
- PONTARELLI, D.**
Fiber optics - Passive sensors for nonelectronic equipment. 20 p3449 A67-36980
- PONTEZIERE, J.**
Method of measurement of thermal wall heat flows by heat sensitive paints /Methode de mesures des flux thermiques parietaux par peintures thermosensibles/. [ONERA-TP-470] 18 p3020 A67-34463
- PONTHUS, P.**
Application of magnetohydrodynamics to energy conversion. I /Application de la magnetohydrodynamique a la conversion d'energie. I/. 12 p1896 A67-25184
Application of magnetohydrodynamics to energy conversion. II /Application de la magnetohydrodynamique a la conversion d'energie. II/. 18 p2989 A67-34125
- PONTI, M. A., SR.**
Flip-chip bonding and dimensional transformation - A low cost microcircuit production technique. 18 p3014 A67-34549
- PONTRIAGIN, L. S.**
On certain differential games. 10 p1620 A67-23421
Linear differential games. II /O lineynykh differentsial'nykh igrakh. II/. 22 p3826 A67-39214
- PONTZEN, G. R.**
Noise-cancelling microphones in aircraft and associated applications. 15 p2489 A67-30088
Noise-cancelling microphones in aircraft and associated applications. 18 p2994 A67-34399
- PONZI, U.**
The structural configuration of the San Marco satellite. 03 p0517 A67-12900
- PONZO, P. J.**
Forced oscillations of the generalized Lienard equation. 11 p1812 A67-24311
- POOL, M. J.**
Activities of chromium and titanium in binary chromium-titanium alloys. 20 p3469 A67-37384
- POOLE, H. H.**
Fundamentals of Display Systems. 20 p3435 A67-36135
- POOLE, L. M. G.**
The duration distribution of radio-echoes obtained from underdense shower-meteor trains. 20 p3521 A67-36303
- POOLE, S. W.**
Welding of quenched and tempered 9Ni-4Co steels. 01 p0081 A67-11041
- POOLEY, G. G.**
Some observations of weak radio sources with the Cambridge one-mile telescope. 04 p0698 A67-14808
- POP, I.**
Effect of a magnetic field on the propagation of Alfvén waves in a conducting fluid /Influenta cimpului magnetic asupra propagarii undelor Alfvén într-un fluid conductor/. 13 p2170 A67-27363
The unsteady thermal boundary layer /Asupra stratului limita termic nestationar/. 18 p3025 A67-33680
Self-modeling solutions of the equations for an axisymmetrical boundary layer /Avtomodel'nye resheniia uravnenii osesimmetrichnogo pogranichnogo sloia/. 20 p3425 A67-37677
Concerning the rotation of an electrically conducting liquid. 21 p3668 A67-38561
- POPA, O.**
Determination of the sensitivity to cavitation of a cascade of hydrofoils of arbitrary shape. 20 p3419 A67-36168
- POPE, D. A.**
Asymptotic error estimates and the numerical solution of the equations of orbital motion. 23 p4023 A67-40864
- POPE, D. H.**
Testing and evaluation of polymeric materials for use in expulsion bladders for cryogenic liquids. [AIAA PAPER 67-457] 18 p3069 A67-33931
- POPE, D. L.**
A meteor shield effectiveness analysis. 01 p0155 A67-11406
A meteor shield effectiveness analysis. 24 p4251 A67-42928
- POPE, R. B.**
Laminar convective heating and ablation in

- the Mars atmosphere. 06 p1119 A67-18849
- POPE, T. C.**
Dynamic stability wind-tunnel tests of a 10 deg cone with simulated ablation at m equals 17. [AIAA PAPER 66-757] 17 p2792 A67-33004
- POPE, T. P.**
Modified hypersensitization procedure for Eastman Kodak I-Z spectroscopic plates. 18 p3047 A67-33883
- POPELA, B.**
Tuning of gas-laser resonators /Justaz rezonatoru plynovych laseru/. 07 p1195 A67-19505
Adjustment of gas laser resonators /Justaz rezonatoru plynovych laseru/. 09 p1512 A67-21985
- POPERKOVA, L. M.**
Mechanism of the formation of high-energy pions in cosmic rays /O mekhanizme obrazovaniia vysokoennergichnykh pionov v kosmicheskikh luchakh/. 02 p0315 A67-12760
On the mechanism of production of high-energy pions in cosmic rays. 22 p3876 A67-40262
- POPESCU, I.**
On the photoionization of cesium vapors by a laser beam. 12 p1973 A67-25396
Considerations on the electron diffusion in the low-voltage arc plasma. 19 p3279 A67-35140
- POPESCU, M. P.**
The dynamics of the ophthalmic artery in hypoxia /La dynamique de l'artere ophthalmique en hypoxie/. 16 p2611 A67-30757
- POPIELAWSKI, J.**
Interaction between diffusion and viscous flow in the mixtures of rarified gases with Maxwellian intermolecular forces. 05 p0794 A67-17380
- POPINSKI, Z.**
Shock wave-boundary layer interaction. 04 p0610 A67-15834
- POPKOV, I. U. S.**
Certain problems of the synthesis of a class of optimal nonlinear filters /Nekotorye voprosy sinteza odnogo klassa optimal'nykh nelineynykh fil'trov/. 05 p0782 A67-16318
Asymptotic properties of optimal extremal control systems. 08 p1313 A67-21326
Some problems of synthesis of one class of optimal nonlinear filters. 18 p3017 A67-33869
- POPKOV, YU. S.**
Stochastic optimization of the pursuit process. 22 p3878 A67-39183
- POPLAVKO, I. U. M.**
The microwave dispersion mechanism in barium titanate type ferroelectrics. 03 p0497 A67-13701
Microwave dispersion in barium titanate above the Curie point /K voprosu o SVCh dispersii v titanate barlia vyshе točki Kiurli/. 05 p0868 A67-17060
Super-high frequency dispersion in barium titanate above the Curie temperature. 15 p2538 A67-29791
Electrical properties of barium titanate crystals /Elektricheskie svoystva kristallov titanata barlia/. 22 p3859 A67-39579
- POPLAVNOI, A. S.**
Calculation of the gallium arsenide band structure by the pseudopotential method /Raschet zonnol struktury arsenida gallia po metodu psevdopotentziala/. 01 p0136 A67-11054
Perturbation theoretical study of electron-energy spectrum in semiconducting compounds having the chalcopyrite structure. 05 p0861 A67-16393
- POPOV, A. B.**
Time-frequency remote control systems /Chastotno vremennye sistemy teleupravleniia/. 20 p3412 A67-37632
- POPOV, A. K.**
Method of studying auto-oscillations of automatic systems /Ob odnom prieme issledovaniia avtokolebaniia avtomaticheskikh sistem/. 05 p0782 A67-16323
Application of gas lasers to the determination of some atomic characteristics. 09 p1513 A67-22070
A method of analyzing self-oscillations in automatic systems. 18 p3017 A67-33875
- POPOV, D.**
Current oscillations in CdS single crystals generated by elastic bending waves /Kolebaniia toka v monokristallakh CdS, porozhdennye uprugimi volnami izgliba/. 20 p3514 A67-37463
- POPOV, D. A.**
Influence of an internal field on diffusion in semiconductors. 05 p0861 A67-16397
- POPOV, E. I.**
Sensitivity of a radiometer operating in the submillimeter range /K voprosu o chuvstvitel'nosti radiometra submillimetrovogo diapazona/. 16 p2677 A67-31501
- POPOV, E. P.**
Theory of automatic control systems /Teoriia sistem avtomaticheskogo regulirovaniia/. 03 p0390 A67-13108
- POPOV, F. D.**
Influence of vibration-dissociation relaxation on supersonic flow around blunt bodies. 02 p0180 A67-12465
Supersonic gas flow past blunt bodies - Theoretical and experimental studies /Obtekanie zatuplennykh tel sverkhzvukovym potokom gaza - Teoreticheskoe i eksperimental'noe issledovaniia/. 03 p0349 A67-12851
Effect of simultaneous oscillation and dissociation relaxation on supersonic flow past blunt bodies /Vliianie odnovermennogo protekaniia kolebatel'noi i dissotsiatsionnoi relaksatsii na sverkhzvukovoe obtekanie zatuplennykh tel/. 16 p2592 A67-31114
- POPOV, G.**
Plasma in non-homogeneous R.F. field. 14 p2354 A67-27765
- POPOV, G. A.**
Analysis of one-dimensional MGD-flows in generalized energy coordinates /Analiz odnomernykh MGD-techenii v obobshchennykh energeticheskikh koordinatakh/. 01 p0119 A67-10170
Axisymmetric gas flow in a channel of constant cross section with m greater than 1 /Osesimmetrichnoe techenie gaza v kanale postoiannogo secheniia pri m greater than 1/. 04 p0669 A67-15514
- POPOV, G. IA.**
Plane contact problem of the theory of elasticity with bonding or frictional forces. 11 p1876 A67-24677
- POPOV, I. A.**
Semiconductor devices in radio transmitters /Poluprovodnikovye pribory v radiopredalushchikh ustroistvakh/. 06 p0971 A67-18214
Semiconductor devices in radio transmitters. 16 p2635 A67-30480
- POPOV, I. I.**
Problems of biotelemetry in long space flights /Problemy biotelemetrii v dlitel'nykh kosmicheskikh poletakh/. 02 p0187 A67-12323
Results of some electrophysiological investigations on board the spaceship "Voskhod" /Rezultaty nekotorykh elektrofiziolozhicheskikh issledovaniia na korable "Voskhod"/. 16 p2616 A67-30760
- POPOV, I. U. G.**
Influence of structure defects on the electrical properties of p-type InSb at low temperatures. 01 p0128 A67-10093
- POPOV, I. U. M.**
Semiconductor lasers using optical pumping. 06 p1013 A67-18930
Feasibility of modulating the emission of a semiconductor laser by current-carrier heating /Vozmozhnost' modulatsii izlucheniia poluprovodnikovogo kvantovogo generatara putem razogreva nositelei toka/. 15 p2496 A67-29236
- POPOV, I. U. P.**
Nonlinear effect of the formation of a self-sustaining high-temperature electrically conducting gas layer in unsteady MHD processes /Nelineinyy efekt obrazovaniia samopodderzhivaiushchegosia vysokotemperaturnogo elektroprovodnogo sloia gaza v nestatsionarnykh protsessakh magnitnoi gidrodinamiki/. 14 p2355 A67-18789
- POPOV, I. U. S.**
Acceleration of plasma by a closed Hall current. 21 p3663 A67-37938
- POPOV, L. E.**
Temperature dependence of the mechanical properties of the ordered solid solution Ni sub 3 Mn. II. 20 p3467 A67-37118
Study of the temperature-dependence of the stresses leading to the onset of dislocations in a nickel alloy with 17 at. percent chromium /Izuchenie temperaturnoi zavisimosti napriazheniia starta dislokatsii v splave nikkela s 17 at. percent khroma/. 20 p3471 A67-37558
- POPOV, M. M.**
The output power of a gas laser using nearly confocal resonators. 03 p0438 A67-14190
- POPOV, O. V.**
Methods of obtaining beading in thin-walled pipes /Sposoby polucheniia utolshchenii na tonkostennykh trubakh/. 07 p1192 A67-19752
Production of hollow control rods with a new type of junction seal /Izgotovlenie trubchatykh tiag upravleniia s novym tipom zadelki nakonechnikov/. 07 p1192 A67-19753
Manufacturing of pressed seamless adaptors for detachable tube joints /Izgotovlenie tsel'noshtampovannykh vannyykh nipplei dlia raz'emnykh soedinenii truboprovodov/. 07 p1192 A67-19754
- POPOV, S. G.**
Vortices in a plane gas-dynamic wake behind a cylinder /Vikhri v ploskom gazodinamicheskom slede za tsilindrom/. 14 p2296 A67-27988
- POPOV, S. N.**
Study of a titanium plasma source. I /Issledovanie titanovogo istochnika plazmy. I/. 17 p2904 A67-32912
- POPOV, V. A.**
Kinetic theory of the reflection of electromagnetic waves by a plasma /Kineticheskoi teorii otrazheniia elektromagnitnykh voln plazmoi/. 02 p0190 A67-11507
An informational model of the dynamics of motion and the spatial orientation of a cosmonaut outside a spacecraft /Informatsionnaya model' dinamiki dvizheniia i prostranstvennaya orientirovka kosmonavta vne korablia/. 02 p0188 A67-12330
On the kinetic theory of reflection of electromagnetic waves by plasma. 14 p2261 A67-28071
Spatial orientation of pilots /Prostranstvennaya orientirovka letchika/. 14 p2254 A67-28211
Questions concerning the evaluation of the efficiency of astronauts /according to data obtained from Voskhod 1 and 2 flights/ /Voprosy otsenki rabotosposobnosti kosmonavtov /po materialam poletov "Voskhod-1, 2"/. 16 p2618 A67-30780
- POPOV, V. I.**
Electrical properties of thin Permalloy films /Elektricheskie svoystva tonkikh permalloyevykh plenok/. 20 p3514 A67-37555
- POPOV, V. N.**
Theoretical determination of heat exchange and friction drag for a laminar flow of equilibrium dissociable hydrogen in a tube /Teoreticheskii raschet teplootdachi i soprotivleniia treniia pri laminarnom techenii v tube ravnovesno dissotsiirulushchego vodoroda/. 01 p0165 A67-10048
Analytical calculation of heat transfer and frictional resistance for carbon dioxide in the supercritical region for laminar flow in a circular tube /Teoreticheskii raschet teplootdachi i soprotivleniia treniia dlia dvukhisl ugleroda s sverkhkriticheskoi oblasti pri laminarnom techenii v krugloi trube/. 03 p0536 A67-13612
Distortion of temperature field in the region of location of a thermocouple. 12 p1943 A67-25754
Theoretical calculation of the heat transfer and friction drag in the laminar flow of equilibrium-dissociating hydrogen in a tube. 17 p2974 A67-33326
Theoretical calculation of the heat transfer and friction drag for carbon dioxide in the supercritical region during laminar flow in a circular tube. 18 p3161 A67-34477
- POPOV, V. P.**
A selective semiconductor RC circuit /Izbratel'naya poluprovodnikovaya RC-tsep'/. 14 p2291 A67-28275
- POPOV, V. S.**
Ionization of atoms in an alternating electric field. 03 p0474 A67-14375
- POPOVA, L.**
A method for the isolation diffusion of solid-state circuits. 02 p0223 A67-12736
A simple method for preparing silicon planar strain gages. 02 p0248 A67-12737
- POPOVA, M. N.**
Shape of wave front and spatial emission coherence in a ruby laser giant pulse. 18 p3058 A67-33526
- POPOVA, N. M.**
Ti-Zr-C and Ti-Hf-C ternary systems /Troinnye sistemy Ti-Zr-C i Ti-Hf-C/. 15 p2505 A67-30388

- POPOVA, V. A.**
Formation of rectangular current pulses in an active load with the aid of artificial lines /O formirovani priamougol'nykh impul'sov toka v aktivnoi nagruzke s pomoshch'yu iskusstvennykh lini/. 05 p0785 A67-17470
- POPOVIC, M.**
Low-frequency oscillations in a plasma with negative ions. 11 p1834 A67-24375
- POPOVIC, P.**
Instrumental acquisition in rats after twelve exposures to deep hypothermia. 20 p3373 A67-37433
Adaptation to hypothermia. 20 p3373 A67-37669
- POPOVIC, V. P.**
Instrumental acquisition in rats after twelve exposures to deep hypothermia. 20 p3373 A67-37433
Adaptation to hypothermia. 20 p3373 A67-37669
- POPOVICH, A. T.**
Experimental study of the viscous sublayer in turbulent pipe flow. 24 p4144 A67-42607
- POPOVICH, E. G.**
Effect of the injection coefficient on the effectiveness of cooling of a plane surface in a turbulent flow by an air film /Vplyv koefitsienta vduvaniya na effektivnost' plivkovogo povitriannogo okholodzhennia ploskol poverkhni u turbulentnomu pototsi/. 11 p1881 A67-23898
- POPOVICH, V. E.**
Axisymmetrical stability loss of a circular-plate type of rib nonuniformly heated along the radius /Osesimmetrichnaya poteria ustoiichivosti neravnomerno nagretol po radiusu kol'tsevoi plastyiny tipa shpangouta/. 20 p3536 A67-36447
- POPOVICI, C.**
The use of the simultaneity circle in some problems of stellar geodesy. 07 p1177 A67-19778
Direct method for the determination of space directions and the adjustment of a satellite triangulation net. 10 p1637 A67-23181
- POPPIA, H.**
The formation of thin continuous films from isolated nuclei. 02 p0286 A67-11709
Heterogeneous nucleation of Bi and Ag on amorphous substrates - In situ electron microscopy studies. 23 p4044 A67-41455
- POPPE, M.**
Double phase-shift keying speeds data over voice channels. 02 p0194 A67-11797
- POPPE, W. H.**
Calibration of limed filter paper for measuring short-term hydrogen fluoride dosages - The effect of temperature, humidity, wind speed, and dose. 16 p2675 A67-31211
- POPPER, H.**
The profitable nursing of new technologies in a large hardware systems business. 14 p2409 A67-28697
- POPPELWELL, J.**
Spin-disorder resistivity measurements in Gd-Y alloys. 22 p3863 A67-40203
- POPRIADUKHIN, A. P.**
Particle motion and plasma equilibrium in a stellarator magnetic field /Dvizhenie chastits i ravnovesie plazmy v stellaratornom magnitnom pole/. 17 p2904 A67-32914
- POPYRIN, O. I.**
A method for local measurement of the SHF electromagnetic field during observation of the properties of plasma /Metod lokal'nogo izmereniya elektromagnitnogo polya S.V.Ch. pri issledovanii svoystv plazmy/. 15 p2485 A67-29124
- PORCELLI, G.**
Optimal design of digitally compensated systems by quadratic programming. 03 p0393 A67-13902
Optimal attitude control of a spinning space-body - A graphical approach. 19 p3331 A67-34777
- PORCELLO, L. J.**
On the application of coherent optical processing techniques to synthetic-aperture radar. 01 p0022 A67-10430
- PORCH, M.**
Heat transfer from an isothermal sphere to a low Prandtl number fluid in potential flow. 11 p1882 A67-24119
Investigation of a turbulent radial wall jet. [ASME PAPER 67-APM-10] 17 p2838 A67-32419
- POREMBKA, S. W.**
Control of composite microstructure through the use of coated filaments. [AIAA PAPER 67-175] 06 p1019 A67-18441
- PORES, R. M.**
Rapid evaluation system to repair equipment. 23 p4065 A67-40582
- PORFIREV, V. A.**
Results of measurements of the radio emission of the moon at the wavelengths 7.93, 11.0, 14.2, and 20.8 cm /Rezultaty izmereni radioizlucheniya luny na volnakh 7,93, 11,0, 14,2 i 20,8 cm/. 02 p0322 A67-11581
- PORILE, N. T.**
Recall ranges of products from reactions of Cu super 65 with 11-33-mev He super 3 ions. 03 p0473 A67-13926
- PORIN, V. M.**
Apparatus for determining the distribution of impurities in semiconductor structures /Pribor dlia vyavleniya raspredeleniya primesel v poluprovodnikovykh strukturakh/. 14 p2317 A67-28281
- PORRECA, F.**
Viscosity effects in the dynamic state for Newtonian and non-Newtonian liquids /Effets de viscosite en regime dynamique pour les liquides Newtoniens et non Newtoniens/. 02 p0240 A67-11521
- PORT, S. C.**
Equilibrium systems of recurrent Markov processes. 14 p2345 A67-28907
- PORTE, R.**
The behaviour of various electrodes and insulators in an experimental M.H.D. generator. 18 p2988 A67-33708
- PORTENKO, N. I.**
Integral equations and some limit theorems for additive functionals of Markov processes /Integral'nye uravneniya i nekotorye predel'nye teoremy dlia additivnykh funktsionalov ot markovskikh protsessov/. 22 p3827 A67-39878
- PORTEOUS, P.**
Epitaxial indium arsenide lasers. 05 p0825 A67-17096
Time constants of some fast photodetectors measured using an indium arsenide laser. 18 p3046 A67-33746
- PORTER, A. M.**
Self-aligning hot-wire probe. 22 p3800 A67-40069
- PORTER, B.**
Synthesis of optimal suspension systems. 13 p2159 A67-27300
- PORTER, D. C.**
Reliability and sterilization. 04 p0563 A67-15239
- PORTER, F. T.**
Large volume degasser with gradient compensation. 15 p2517 A67-29491
- PORTER, G. C.**
Data at twice the speed eases H-F traffic jam. 22 p3764 A67-40557
- PORTER, J. G.**
Investigation of the conditions for launching a cometary probe. 05 p0895 A67-18574
- PORTER, J. R.**
Carbon monoxide in the solar ultraviolet spectrum. 08 p1399 A67-21235
- PORTER, J. W.**
Self-excitation of acoustic oscillations by gaseous adsorption. 22 p3836 A67-39719
- PORTER, M. C.**
Measurement of contact angles on filaments to indicate the effects of surface treatments. 03 p0429 A67-13427
- PORTER, N. A.**
A search for high-energy gamma-rays from quasi-stellar and other sources. 05 p0900 A67-17079
Radio pulses from extensive air showers. 07 p1242 A67-19619
- PORTER, R. A.**
Radio pulses from extensive air showers. 07 p1242 A67-19619
An experimental test of the mechanism of radio emission from cosmic ray showers. 10 p1703 A67-23490
- PORTER, R. D.**
Operating techniques and maintenance considerations for air inlet controls in airline service. [SAE PAPER 67-0325] 12 p1895 A67-25869
- PORTER, R. W.**
Magnetic coupling in flight magnetohydrodynamics. 10 p1592 A67-23143
Electroless magnetogasdynamic power during entry. 15 p2422 A67-29443
Magnetogasdynamic re-entry phenomena. 24 p4199 A67-42920
- PORTER, W. A.**
Apollo metrology program. 05 p0814 A67-17263
Sensitivity problems in distributive systems. 23 p3983 A67-40644
- PORTNER, D. M.**
Certification of probability of sterilization of liquid by filtration. 24 p4116 A67-42705
- PORNIAGIN, I. I.**
The disintegration mechanism of finely divided meteoritic bodies in the atmosphere. 03 p0509 A67-13205
Effective diffusion cross section of meteoric atoms in the atmosphere. 13 p2111 A67-26553
Initial radius of an ionized meteor trail. 13 p2196 A67-26554
Accommodation coefficient for iron meteoroids. 13 p2196 A67-26572
Molecule dissociation in meteoric trains /Dissotsiatsiya molekul v meteornykh sledakh/. 14 p2383 A67-27945
- PORNOI, E. L.**
Injection luminescence of epitaxial heterojunctions in the GaP-GaAs system /Inzhektionnaya luminestsentsiya epitaksial'nykh geteroperekhodov v sisteme GaP-GaAs/. 09 p1554 A67-21975
Injection luminescence of epitaxial heterojunctions in the GaP-GaAs system. 17 p2923 A67-33312
- PORNOI, K. I.**
Structural diagram of the molybdenum-boron system /Diagramma sostoiianiya sistemy molibden-bor/. 20 p3468 A67-37177
- PORNOVA, V. P.**
Comparison of magnetic-field calculations with measurements obtained by Cosmos 49 /Sopostavlenie raschetnogo geomagnitnogo polya s izmerennym na ISZ "Kosmos-49"/. 10 p1632 A67-22812
Spherical-harmonic analysis of a constant geomagnetic field by the Schuster method /Sfericheskii garmonicheskii analiz postoiannogo geomagnitnogo polya metodom Shustera/. 21 p3623 A67-39045
Comparison of the computed geomagnetic field with that measured on the Cosmos-49 satellite. 24 p4150 A67-42149
- PORTO, S. P. S.**
Evidence from Raman scattering for an overdamped soft optic mode in BaTiO sub 3. 23 p4038 A67-40796
- PORTUGALOV, V. V.**
Cardiac changes under hypoxia -An experimental morphological study /Izmeneniya v serdtse pri gipoksikspetsial'no-morfologicheskoe issledovanie/. 13 p2058 A67-26756
Histochemical investigation of tissue enzymes during hypothermia and hypobiosis /Gistokhimicheskoe issledovanie tkaneyvykh fermentov pri gipotermii i gipobioze/. 24 p4112 A67-41853
- PORUBCAN, V.**
Meteor velocities measured by telescopic observation through the rotating shutter. 05 p0897 A67-16805
- POSINGIES, W. M.**
Development and flight test of a fluoric roll control system. 07 p1257 A67-19360
- POSNER, D. L.**
Commercial VTOL transport design, operation and economics. [AIAA PAPER 67-970] 24 p4097 A67-43048
- POSNER, E. C.**
Demonstration of a quantile system for compression of data from deep space probes. [JPL-TR-32-772] 07 p1145 A67-19873
Properties of error-correcting codes at low signal-to-noise ratios. 23 p3984 A67-40752
- POSPEKHOV, V. G.**
Aberrations of double-lens objectives in the IR region of the spectrum /Aberatsii dvukhlinzovykh ob'ektivov v infrakrasnoi oblasti spektra/. 20 p3451 A67-37157
- POSPELOV, G. A.**
Study of the stability of the equilibrium of a rigid rotor in aerodynamic bearings. 22 p3811 A67-39316
- POSPELOV, G. S.**
Dynamic characteristics of relay tracking systems. II. 20 p3410 A67-37233
- POSPERGELIS, M. M.**
Current problems of lunar surface morphology /Tekushchie problemy morfologii poverkhnosti luny/. 05 p0887 A67-18059
Some results of measurements of the complete Stokes vector for details of the

- lunar surface /Nekotorye rezul'taty izmerenii polnogo vektora Stoksa dlia detal' poverkhnosti luny/. 15 p2552 A67-29147
- Current problems in the morphology of the lunar surface. 21 p3701 A67-37846
- Some results of measurements of the total Stokes vector for details of the lunar surface. 24 p4239 A67-43070
- POSPISIL, J.**
- An experimental contribution to the possibility of the utilization of the radioprotective compound AET. 22 p3753 A67-40546
- POST, D.**
- Sharpening and multiplication of Moire fringes. 11 p1875 A67-24612
- POST, E. J.**
- Sagnac effect. 14 p2349 A67-28812
- POST, R. E.**
- A "trapped-mode" resonator for microwave filter applications. 02 p0217 A67-12091
- POSTILL, D. R.**
- Equation of state and electrical resistivity of liquid mercury at elevated temperatures and pressures. 21 p3686 A67-39104
- POSTLEWAITE, J. E.**
- Thrust performance of suppressor nozzles. 03 p0350 A67-12916
- Calculation of subsonic flow in annular nozzles. 06 p0944 A67-18871
- POSTNIKOV, V. V.**
- Properties of epitaxial silicon films grown by vacuum evaporation. 03 p0498 A67-13869
- POSTRANECKY, M.**
- Physical research with the Cosmos satellites /Fysikalni vyzkum na družicich kosmos/. 09 p1570 A67-21654
- POTAKHOVA, G. I.**
- Effect of X radiation on the electrophysical properties of silicon crystals and silicon p-n junctions. I /Vliianie rentgenovskogo izlucheniia na elektrofizicheskie svoystva kremniia i kremlevykh p-n-perekhodov. I/. 06 p1048 A67-17855
- POTALITSYN, I. U. F.**
- New high-power nanosecond switch. 09 p1473 A67-22009
- POTAPENKO, V. A.**
- Current heating of plasma in a closed magnetic trap /Tokovyi nagrev plazmy v zamknutoi magnitnoi lovushke/. 16 p2717 A67-31186
- POTAPOV, A. V.**
- Chemical equilibrium of multitemperature systems. 09 p1544 A67-21858
- Calculation of the equilibrium properties of a lithium plasma /Raschet ravnovesnykh svoystv litievoi plazmy/. 16 p2721 A67-31389
- POTAPOV, B. P.**
- Investigation of corpuscles on the Electron 1 and Electron 3 satellites - Preliminary results. 12 p1996 A67-25804
- POTAPOV, S. E.**
- Investigation of a neodymium glass laser with a spherical mirror resonator /Issledovanie OKG na neodimovom stekle s rezonatorom iz sfericheskikh zerkal/. 06 p1012 A67-18783
- Investigation of a neodymium-glass laser with spherical mirrors. 18 p3059 A67-33725
- POTAPOVA, L. N.**
- Angular distribution of electrons at various depths in cascade showers /Uglovoe raspredelenie elektronov na razlichnykh glublinakh v kaskadnykh livniakh/. 24 p4221 A67-42872
- POTAPOVA, N.**
- Electron density distribution with allowance for the stratified structure of the ionosphere /Razpredelenie na elektronnaia pl'nost' s otchitanie na sloistata struktura na ionosferata/. 04 p0618 A67-15572
- POTAPOVA, N. I.**
- Planetary distribution of changes in maximum electron density in the F2 layer /Planetarnoe raspredelenie izmenchivosti maksimal'noi elektronnoi plotnosti sloia F2/. 05 p0800 A67-17126
- Variability of the N/h/ parameters during the IGY and IQSY /Izmenchivost' parametrov N/h/ v period MGG 1 MGSS/. 05 p0801 A67-17142
- Parametric variations of N/h/ during the IGY and IQSY /Variatsii parametrov N/h/ v period MGG 1 MGSS/. 14 p2308 A67-27934
- Underlying nighttime ionization in the ionosphere /O nizhelezhazhchel nochnoi ionizatsii v ionosfere/. 16 p2669 A67-31896
- Planetary distribution of the variability of maximum electron density in the F sub - layer. 21 p3618 A67-38469
- Variability of the N/h/ parameters during the IGY and IQSY. 21 p3619 A67-38484
- POTASH, H.**
- Modelling of thermal and electrical interaction in solid state devices. 19 p3191 A67-34845
- Modelling procedures for interactions between thermal and electrical device parameters. 19 p3206 A67-36034
- POTENZA, G.**
- Energy losses in a passive Q-switched ruby laser. 11 p1800 A67-24241
- POTETIUNKO, G. N.**
- Calculation of a stability coefficient /Raschet koeffitsienta ustoiichivosti/. 16 p2669 A67-31907
- POTHECARY, I. J. W.**
- Satellite pictures of an old occluded depression and their usefulness in analysis and forecasting. 04 p0650 A67-14868
- POTIEVSKII, N. M.**
- Experimental automatic plotting of a cloud map on a Setun' computer from meteorological satellite data /Opyt avtomaticheskogo sostavleniia kart oblachnosti na elektronno-vychislitel'noi mashine "Setun'" po dannym meteorologicheskikh sputnikov/. 04 p0652 A67-15471
- POTILLO, R. W.**
- Stability and slanting of the convective electric arc in a thermionic rail accelerator. [AIAA PAPER 67-674] 21 p3671 A67-38707
- POTRUNKIN, V. I. U.**
- The use of methods of control of the surface of optical telescopes for the adjustment of pencil-beam radio telescopes. 07 p1189 A67-20244
- POTSELUEV, A. V.**
- An optimal nonlinear control system using the maximum probability criterion. 20 p3408 A67-37042
- POTTASCH, S. R.**
- On the oxygen-to-iron ratio in the solar corona. 06 p1083 A67-18068
- The inclusion of dielectronic recombination processes in the interpretation of the solar ultraviolet spectrum. 17 p2941 A67-32235
- Low-energy cosmic rays and the electron density in H I regions. 24 p4208 A67-41833
- POTTER, A. E., JR.**
- Mechanism of cadmium sulfide film cell. 23 p4046 A67-41485
- POTTER, A. G.**
- A "trapped-mode" resonator for microwave filter applications. 02 p0217 A67-12091
- POTTER, E. C.**
- BAC 111 hydraulic system reliability. 09 p1444 A67-22128
- POTTER, I. C.**
- Properties of a laboratory plasma prepared with combined transverse and longitudinal currents. 11 p1845 A67-25098
- POTTER, J. E.**
- Optimization of navigation measurements. 02 p0285 A67-12384
- A formula for updating the determinant of the covariance matrix. 15 p2512 A67-30213
- POTTER, J. L.**
- Comment on "Base pressure measurements on sharp and blunt 9 deg cones at Mach numbers from 3.50 to 9.20." 04 p0547 A67-14851
- Aerodynamics of typical lifting bodies under conditions simulating very high altitudes. 06 p0943 A67-18847
- Simulating high-speed aerodynamics. 11 p1774 A67-25012
- The transitional rarefied-flow regime. 14 p2299 A67-28161
- POTTER, L. S., JR.**
- Packaging and assembly effects upon failure rates. 22 p3771 A67-39834
- POTTER, M. C.**
- Linear stability of symmetrical parabolic flows. 13 p2092 A67-26276
- POTTER, P. D.**
- The design of a very high power, very low noise Cassegrain feed system for a planetary radar. 04 p0596 A67-15048
- POTTIER, L.**
- Interpretation of experimental results on the relaxation of optically pumped Rb in collisions with Kr atoms. 23 p4012 A67-40792
- POTTS, H. R.**
- Secondary-electron analysis of electronic microcircuits. 15 p2453 A67-30065
- POTTS, J. K.**
- The character of the received I.L.S. signal and its relation to monitoring. 13 p2154 A67-26986
- POTYKEVICH, I. V.**
- Study of the concentration dependence of the EPR of Mn super 2 super plus in CdTe single crystals. 23 p4042 A67-41294
- POUBEAU, P.**
- Various aspects of the design and realization of the structure of the FR sub 1 satellite /Les differents aspects de la conception et de la realisation de la structure du satellite FR sub 1/. 03 p0518 A67-13601
- POULANTZAS, D. M.**
- The rule on exhaustion of local remedies and the liability for damages inflicted by space vehicles /Die Regel der Erschoepfung der innerstaatlichen Rechtsbehelfe und die Haftung fuer Schaeden durch Raumfahrzeuge/. 04 p0740 A67-15991
- POULET, H.**
- Interpretation of the Raman spectrum and the second-order IR absorption spectrum of cesium bromide /Sur l'interpretation du spectre de Raman et du spectre d'absorption infrarouge au second ordre du bromure de cesium/. 23 p4026 A67-40689
- POULIGNIER, J.**
- High-temperature, rapid-tension installation for studying aerospace materials /Appareillage de traction rapide a haute temperature pour l'etude de materiaux aerospaciaux/. 01 p0102 A67-11086
- POULIN, A. O.**
- Infrared imagery in the Arctic under daylight conditions. 01 p0058 A67-10312
- POULIS, J. A.**
- Knudsen forces in the intermediate pressure range. 04 p0603 A67-14731
- Longitudinal thermomolecular flow at intermediate pressures - A comparison. 04 p0603 A67-14733
- POULIS, N. J.**
- NMR results on the variation of T sub c in V sub 3 Au with atomic ordering. 22 p3858 A67-39520
- POULIZAC, M. C.**
- Study of inelastic shocks between CO molecules and protons between 30 and 600 kev /Etude des chocs inelastiques entre molecules CO et protons entre 30 kev et 600 kev/. 14 p2390 A67-28943
- POULOS, N. E.**
- Fibrous ceramic structures. 04 p0642 A67-15452
- POULTNEY, S. K.**
- Evidence other than optical radar backscatter for the existence of an accumulation of dust between 70 and 140 km at low latitudes. 05 p0802 A67-17329
- Optical radar detection of backscattering from the upper atmosphere. 22 p3759 A67-39558
- POULTON, E. C.**
- Complex reaction times at simulated cabin altitudes of 5,000 feet and 8,000 feet. 01 p0017 A67-10953
- POUMEYROL, F.**
- Observation of the solar eclipse of May 20, 1968 made at Bordeaux at 930 MHz /Observation de l'eclipse de soleil du 20 Mai 1968 effectuee a Bordeaux sur 930 MHz/. 19 p3325 A67-35506
- POUND, G. M.**
- Heterogeneous nucleation and its effect on the structure of thin films /Die heterogene Keimbildung und ihr Einfluss auf die Struktur duenner Schichten/. 02 p0285 A67-11702
- POUNDS, K. A.**
- X-ray emission line spectrum of a coronal active region. 11 p1867 A67-24839
- Some X-ray photographs of the sun. 12 p2007 A67-25762
- A measurement of the solar X-ray flux in the wavelength range below 5 angstrom units. 16 p2739 A67-31411
- POUPARD, J.**
- An improved high-counting-rate balloon-borne particle detector. 04 p0621 A67-14899
- POUSTOVALOV, V. V.**
- Wave-wave scattering of quasi-longitudinal waves in magnetoactive plasmas with different electron and ion temperatures. 08 p1365 A67-21413
- POUZET, A.**
- Comparison of PCM/PM and PCM/FM space telemetering /Comparaison des telemesures spatiales PCM/PM et

- PCM/FM/. 21 p3584 A67-38652
- POVETEY, I. A.**
A method of broadening the spectrum of RF-pulses of long duration by means of frequency modulation. 04 p0577 A67-15675
- POVINELLI, L. A.**
Particulate damping in solid propellant combustion instability. 06 p1115 A67-18307
Particulate damping in solid-propellant combustion instability. [AIAA PAPER 67-104] 21 p3732 A67-38860
- POVITSKII, A. S.**
Certain features of the motion of a fluid under weightlessness conditions /Nekotorye osobennosti dvizheniya zhidkosti v rezhime nevesomosti/. 02 p0233 A67-12322
- POVROZIN, A. I.**
Zeeman effect in a neon helium gas laser /lambda equals 6328 angstrom units/. 09 p1512 A67-21920
Zeeman effect in a neon-helium gas laser /lambda equals 6328 angstrom units/. 14 p2330 A67-28249
- POVY, L.**
Stability and instability of nonlinear sampled systems /Sur la stabilite et l'instabilite des systemes echantillonnees nonlineaires/. 14 p2292 A67-28898
Stability of a quantified pulse-position modulation servosystem /Sur la stabilite d'un systeme asservi a modulation quantifiee de position des impulsions/. 22 p3776 A67-39647
- POWELL, A.**
Transmission of random sound and vibration through a rectangular double wall. 03 p0468 A67-13214
- POWELL, A. L. T.**
The effect of slit width on equivalent width measurements. 14 p2319 A67-28591
- POWELL, B. A.**
Plasma confinement during a period of reduced fluctuations in "ZETA." 11 p1827 A67-23887
- POWELL, C. G.**
Anomalous polarity-dependent electrooptic effect in cubic ZnS and ZnTe. 03 p0496 A67-13569
Fabrication of wide bore hollow cathode Hg super plus lasers. 23 p4016 A67-41226
- POWELL, D.**
A tetrafluoroditertiary arsine and its metal complexes. 01 p0135 A67-10896
- POWELL, G. W.**
Thermal-dilatation behavior of titanium alloys during repeated cycling through the alpha-beta transformation. 03 p0440 A67-13252
Defect interaction in the diffusion zone of short gold-silver couples. 18 p3064 A67-34081
- POWELL, M. J. D.**
On the maximum errors of polynomial approximations defined by interpolation and by least squares criteria. 08 p1349 A67-21262
- POWELL, R. E.**
Electron collisions in nitrogen. 01 p0117 A67-10779
- POWELL, R. J.**
Solar radiation at 19.0 Gc/s during the eclipse of May 20, 1966. 18 p3125 A67-34195
- POWELL, R. S.**
Interpretation of the continuous spectra of comets. 07 p1250 A67-19668
- POWELL, R. W.**
Experimental arrangement for comparison of the optical and physical characteristics of particulate smokes. 12 p1946 A67-25982
- POWELL, W. E.**
Cassegrainian monopulse tracking antenna for space rendezvous. 04 p0569 A67-14502
- POWER, D.**
A nanosecond laser sensitizer. 17 p2858 A67-32482
- POWER, G.**
Reduction of viscous flows having orthogonal magnetic and velocity field distributions. 16 p2721 A67-31552
- POWER, H. M.**
The companion matrix and Liapunov functions for linear multivariable time-invariant systems. 11 p1814 A67-24942
- POWERS, D.**
Full journal bearings in turbulent and laminar regimes. 23 p4010 A67-41342
- POWERS, D. M.**
The IBM System/360 Model 91 - Floating-point execution unit. 11 p1755 A67-23951
- POWERS, E. J.**
Plasma diffusion studies in E-type RF discharges. 11 p1830 A67-24008
Anomalous plasma transport in RF discharges. 15 p2531 A67-29904
- POWERS, J. O.**
Nonequilibrium effects on energy transfer in an ionized fluid flow. 11 p1780 A67-24537
- POWERS, R. S., JR.**
Comparison of Langmuir probe and spectrometric electron temperature measurements. 11 p1788 A67-23963
- POWERS, S. A.**
Interaction of two cylindrical jets. 06 p0944 A67-18888
- POWERS, W.**
Transient wave growth in magnetogasdynamic generators. 12 p1899 A67-25390
- POWERS, W. E.**
Measurements of the current density distribution in the exhaust of an MPD arcjet. [AIAA PAPER 66-116] 08 p1375 A67-20573
Development of an ammonia-fueled MPD arc jet thruster. [AIAA PAPER 67-690] 21 p3696 A67-36930
- POWERS, W. L.**
An experimental and theoretical comparison of the performance of diagonal wall generators, Faraday generators and Hall current generators. 16 p2608 A67-30597
- POWLING, J.**
Experiments relating to the combustion of ammonium perchlorate-based propellants. 18 p3108 A67-33812
- POYET, P.**
Study of the sulfides in steels - Influence of various additive elements on their composition /Etude des sulfures dans les aciers - Influence de divers elements d'addition sur leur composition/. 21 p3646 A67-39077
- POYNTER, R. L.**
The nuclear magnetic resonance and microwave spectra of some deuterio derivatives of 2,4-dicarbaolovoheptaborane/7/. [JPL-TR-32-1038] 01 p0019 A67-11146
- POZDNIAK, N. Z.**
Study of the temperature dependence of the thermal diffusivity of tantalum and niobium /Issledovanie temperaturnoi zavisimosti temperaturoprovodnosti tantala i niobia/. 11 p1804 A67-24035
- POZHALOSTIN, A. A.**
Determination of the parameters of a mechanical analog for axisymmetric oscillations of a cylindrical vessel containing a fluid /Opredelenie parametrov mekhanicheskogo analoga dlia osesimmetrichnykh kolebanii uprugogo tsilindricheskogo sosuda s zhidkost'iu/. 03 p0530 A67-14174
Free vibrations of fluid in a rigid circular cylindrical container with an elastic bottom in the form of a sloping spherical shell /Svobodnye kolebania zhidkosti v zhestkom krugovom tsilindricheskom sosude s uprugim dnom v vide pologoi sfericheskoi obolochki/. 20 p3420 A67-36441
- POZHARITSKII, G. K.**
Pulse pursuits in the case of linear, uniform, second-order control plants /Impul'snye presledovaniya v sluchae lineinykh odnotipnykh ob'ektov vtorogo poriadka/. 02 p0225 A67-11956
Impulsive tracking in the case of second order monotype linear objects. 17 p2831 A67-33273
- POZHARITSKII, G. P.**
On the stability of steady motions of a heavy body of revolution on an absolutely rough horizontal plane. 01 p0115 A67-10992
- POZHELA, IU.**
Hall effect in hole-type germanium in strong electric fields /Effekt Kholla v dyrochnom germanii v sil'nykh elektricheskikh poliax/. 08 p1369 A67-20993
- POZHELA, IU. K.**
Effect of a strong magnetic field on the electrical conductivity of an intrinsic anisotropic semiconductor /Vliianie sil'nogo elektricheskogo polia na elektroprovodnost' sobstvennogo anizotropnogo poluprovodnika/. 13 p2173 A67-26362
Possibility of reducing the electron temperature in an individual valley of a multivalley semiconductor /O vozmozhnosti ponizheniya temperatury elektronov v otdel'noi doline mnogodolinnogo poluprovodnika/. 15 p2542 A67-30246
Study of the continuous electromotive force occurring within a semiconductor in a strong alternating electric field /Issledovanie postolannoi elektrodvuzhushchei sil'y, voznikalushchei v poluprovodnike v sil'nom peremennom elektricheskom pole/. 20 p3513 A67-37449
- POZIGUN, V. A.**
Thermal EMF in semiconductors caused by hot carriers of current /Termoeds v poluprovodnikakh, obuslovlennaya gorlachimi nostellami toka/. 20 p3513 A67-37451
Influence of a strong electric field on the electrical conductivity of an intrinsic anisotropic semiconductor. 21 p3680 A67-38319
- POZNERN, A. N.**
A new reliability assessment technique. 05 p0906 A67-17250
- POZWOLSKI, A.**
Thermal ionization of a body having a metastable level /Ionisation thermique d'un corps possedant un niveau metastable/. 02 p0272 A67-11519
- POZZI, A.**
A numerical analysis of lateral range calculation and optimization. 02 p0333 A67-12335
Realities and prospects of human space navigation /Realta e prospettive della navigazione spaziale umana/. 04 p0695 A67-14517
- PRADAL, F.**
Interband transitions and plasmon excitation in calcium fluoride /Transitions interbandes et excitation de plasmons dans le fluorure de calcium/. 09 p1558 A67-22585
- PRADERIE, F.**
Hydrogen lines. I /Sur les raies de l'hydrogene. I/. 10 p1704 A67-22883
Hydrogen lines. II /Sur les raies de l'hydrogene. II/. 10 p1704 A67-22884
- PRADHAN, A. V.**
Means for reducing bypass flow requirements in liquid hydrogen and liquid oxygen tank mounted boost pumps on Centaur vehicle. 17 p2800 A67-31978
- PRADHAN, T.**
Conductivity of a plasma in a steady magnetic field. 20 p3503 A67-37692
- PRADKO, F.**
Theory of human vibration response. [ASME PAPER 66-WA/BHF-15] 04 p0564 A67-15937
- PRADO, M. E.**
Fracture process in fluorocarbon laminate composites. 10 p1672 A67-23746
Degradation detection of teflon laminate composites. 18 p3142 A67-33894
- PRAESTGAARD, E.**
High-temperature equation of state - Argon. 08 p1355 A67-21255
- PRAGER, H. J.**
High-power, high-efficiency silicon avalanche diodes at ultra high frequencies. 13 p2076 A67-26519
- PRAGER, P. C.**
VTOL - New frontier of flight. 13 p2053 A67-27067
Need for new short-range transport /Die Notwendigkeit neuer Kurzstrecken-Verkehrsmittel/. 17 p2798 A67-32833
- PRAGER, S.**
Upper and lower bounds on Knudsen flow rates. 15 p2469 A67-29195
- PRAGER, W.**
A general theory of optimal plastic design. [ASME PAPER 66-WA/APM-22] 04 p0718 A67-15927
Consistent finite difference equations for thin elastic disks of variable thickness. 09 p1573 A67-21755
- PRAKASH BHUTANI, O.**
General three-dimensional wave propagation in nonequilibrium magnetogasdynamics. 14 p2361 A67-28904
- PRAKASH, J.**
Magnetohydrodynamic effects in composite bearings. [ASME PAPER 66-LUB-B] 05 p0811 A67-16275
Magnetohydrodynamic pivoted slider bearing with a convex pad surface. 05 p0811 A67-16981
Pressure distribution in externally pressurized bearings. 06 p1007 A67-18060

- PRAKASH, S.**
Reflection and refraction of plane MHD waves at a plane interface of discontinuity of two semi-infinite, homogeneous, infinitely conducting inviscid fluids of different densities. 03 p0480 A67-13727
Langmuir probe for the measurement of electron density and electron temperature in the ionosphere. 20 p3444 A67-36526
- PRAMANIK, M. A. H.**
Short bursts of scintillation of satellite radio signals. 22 p3759 A67-39478
- PRANGE, E. M.**
Physical performance of women following heat-exercise hypohydration. 20 p3372 A67-37033
- PRANGERE, F.**
Study of the variation of pressures in a duoplasmatron ion source as a function of the parameters of discharge /Etude de la variation des pressions dans une source d'ions du type duoplasmatron en fonction des parametres de la decharge/. 14 p2359 A67-28512
Application of a simple discharge model to the interpretation of the relative abundances of different types of ions extracted from an argon duoplasmatron /Application d'un modele simple de la decharge a l'interpretation des abondances relatives des differents types d'ions extraits d'un duoplasmatron a argon/. 23 p4033 A67-41190
- PRASAD, L. H. H.**
Transient forced convection laminar film condensation upon a horizontal plate. 01 p0168 A67-11229
- PRASAD, P.**
A numerical procedure for shock problem using artificial heat conduction. 06 p0992 A67-18830
- PRASAD, R.**
The magnetorheostatic bearing and magnetorheodynamic squeeze film. [ASME PAPER 67-LUBS-4] 16 p2682 A67-31382
- PRASAD, S.**
Admittance of the fat cylindrical antenna - Experimental study. 15 p2454 A67-30137
- PRASAD, S. N.**
Bending-torsional flutter of a swept wing in a high-density, low-speed flow. [AIAA PAPER 66-475] 06 p1110 A67-18860
- PRASAD, S. S.**
Determination of loss and transport in the night-time F-region from backscatter N-h profiles. 20 p3426 A67-36287
- PRASADA, B.**
Design considerations in PCM transmission of low-resolution monochrome still pictures. 11 p1791 A67-24712
- PRAST, G.**
Closed-cycle cooling systems for microwave equipment. 14 p2278 A67-27784
- PRASTHOFER, W. P.**
Photographic exploration of Mars with solar-electric propulsion. [AIAA PAPER 67-88] 06 p1096 A67-18438
- PRATAP, R.**
Kinetic equations for a plasma and application to astrophysics. 03 p0481 A67-13736
Galactic plasma - Its dynamics. 22 p3854 A67-40503
- PRATESI, R.**
Comment on "enhanced lasing of the high pressure He-Ne laser." 05 p0823 A67-16687
Giant pulse operation of a many-element laser with a composite switching device. 13 p2126 A67-28729
Spiking emission from many-element lasers. 17 p2870 A67-33298
- PRATT, A. J.**
The increase in body volume resulting from decompression to a near vacuum. 23 p3954 A67-41594
- PRATT, A. J. S.**
Characteristics of wake pressure type velocity head magnifying probes. 15 p2471 A67-29529
- PRATT, G. C.**
Plastic-based bearings. 20 p3455 A67-37266
- PRATT, G. W., JR.**
Direct frequency modulation of a semiconductor laser by ultrasonic waves. 05 p0821 A67-16671
- PRATT, H. K.**
Vibration qualification of fly-away umbilical by acoustic test method. 12 p1924 A67-25714
- PRATT, K.**
A summary of some applications of power spectra to airplane turbulence problems. [AIAA PAPER 66-1000] 03 p0362 A67-14147
Some applications of power spectra to airplane turbulence problems. [AIAA PAPER 66-1000] 17 p2797 A67-32582
- PRATT, N. H.**
Conditions for significant gasdynamically induced vibration-recombination coupling. 18 p3081 A67-33781
- PRATT, W. K.**
Binary detection in an optical polarization modulation communication channel. 01 p0026 A67-10866
- PREAUSE, R. H.**
The design and evaluation of a supercritical-speed helicopter power-transmission shaft. [ASME PAPER 67-VIBR-20] 11 p1796 A67-24179
- PRAVDIC, V.**
Adsorption studies on metals and elemental semiconductors. XII. 19 p3301 A67-34935
- PRAVETSKII, V. N.**
Radiation and space flights /Radiatsiya i kosmicheskie polety/. 16 p2612 A67-30901
- PREDDEY, G. F.**
Regular fading of satellite transmissions. 07 p1141 A67-19416
- PREDMORE, R. E.**
Fatigue phenomena in small metallurgically-bonded joints. 01 p0084 A67-11359
- PREDVODITELEVA, O. A.**
Thermodynamic and gas dynamic parameters of a low-temperature plasma /Termodinamicheskie i gazodinamicheskie parametry nizkotemperaturnoi plazmy/. 17 p2894 A67-32148
- PREECE, D. M.**
Observations of proton gyro-effects in the topside ionosphere. 24 p4148 A67-42062
Diurnal variations of the electron concentration in the topside ionosphere at low and middle latitudes. 24 p4148 A67-42064
- PREGLA, R.**
Delay equalization with line circuits /Laufzeitausgleich mit Leitungsschaltungen/. 11 p1760 A67-24231
- PREIER, H.**
Contributions of surface states to MOS impedance. 18 p3101 A67-34018
- PREINHAELTER, J.**
On the quasilinear theory of ion beam instabilities of low frequency waves in a plasma. 07 p1230 A67-20145
- PREKEL, H. L.**
Dislocation velocity measurements and thermally activated motion in molybdenum. 13 p2133 A67-27011
- PRELEWICZ, D. A.**
Radiant heating of a rotating thick-walled spherical satellite. 05 p0906 A67-17368
Nonsteady coaxial arcs in fully developed plasma flow. [AIAA PAPER 66-480] 15 p2531 A67-30204
Solar radiant heating of a rotating solid cylinder. 24 p4255 A67-42482
- PREM, L. L.**
Analytical and experimental results of the fluid metal MHD power conversion programme. 16 p2606 A67-30584
- PRENTICE, A. J. R.**
Collective energy loss in relativistic plasmas. 17 p2908 A67-33111
- PRENTICE, J. L.**
Techniques for the study of the combustion of metals. [AIAA PAPER 67-66] 06 p1072 A67-18437
- PRENTICE, R. W.**
Transportation of douglas Saturn S-IVB stages. 05 p0787 A67-16610
- PREOBRAZHENSKII, L. IU.**
Determination of the ratio of the Lagrange and Euler correlation scales in the surface boundary layer of the atmosphere /Opredelenie sootnosheniya masshtabov Lagranzhevoi i Ellerovoi korrellatsii v prizemnom sloe atmosfery/. 03 p0464 A67-14229
The determination of the relation between the Lagrange and Euler scale correlations in the lower layer of the atmosphere. 12 p1964 A67-25485
- PREOBRAZHENSKII, N. G.**
Parametric description of an inhomogeneous, optically dense plasma. I - The dispersion contour of a spectral line /O parametricheskom opisani neodnorodnoi opticheskoi plazmy. I - Dispersionnyi kontur spektral'noi linii/. 01 p0125 A67-11045
Parametric description of an inhomogeneous, optically dense plasma. II - The Doppler contour of a spectral line /O parametricheskom opisani neodnorodnoi opticheskoi plazmy. II - Dopplerovskii kontur spektral'noi linii/. 01 p0125 A67-11046
On the so-called multiparameter methods for the diagnosis of an optically dense plasma. 03 p0486 A67-14187
The spectral line shape in an optically dense plasma. 16 p2715 A67-31064
- PREPELITSIA, B. V.**
On the theory of singly-charged donor impurity centers in silicon and germanium. 03 p0488 A67-12857
- PRESCOTT, E. J.**
Metabolic costs of upper torso exercises vs torque maneuvers under reduced-gravity conditions. 01 p0017 A67-10959
Effects of subgravity traction simulation on the energy costs of walking. 05 p0755 A67-16280
Study of heat balance in full pressure suits. 09 p1455 A67-21731
- PRESCOTT, J. E.**
A general purpose computer system using a general purpose operating system program for a special purpose task - Space vehicle checkout. 01 p0050 A67-11031
- PRESCOTT, L. E.**
Circular sweep camera. 14 p2320 A67-28748
- PRESCOTT, M. P.**
Applications of a new technique for the detection of absorption events using a riometer. 08 p1329 A67-21489
- PRESLER, A. F.**
Analysis of developing laminar flow and heat transfer in a tube for a gas with variable properties. 04 p0729 A67-15809
- PRESNIAKOV, V. S.**
Experimental investigation of MHD flows of liquid metal in a rectangular duct with conducting walls /Eksperimental'noe issledovanie magnitogidrodinamicheskogo techeniya zhidkogo metalla v priamougol'nom kanale s provodlashchimi stenkami/. 16 p2712 A67-30573
- PRESNOV, V. A.**
On deep acceptors in iron-doped gallium arsenide. 16 p2726 A67-30814
Electrophysical properties of InBi compounds /Elektrofizicheskie svoystva soedineniya InBi/. 20 p3514 A67-37605
- PRESS, F.**
A strategy for lunar scientific exploration in the post-Apollo period. 13 p2199 A67-27212
- PRESS, H.**
The Nimbus meteorological satellite program. 16 p2759 A67-30685
- PRESSBURG, B. S.**
Flow losses in flexible hose. 22 p3785 A67-39971
- PRESSIAT, R.**
Missile firing simulators with manual telecontrol /Les simulateurs de tir d'engins a telecommande manuelle/. 09 p1486 A67-22419
- PRESSLEY, R. J.**
Nd-Cr-YAG high-efficiency high-power solid-state laser system. 07 p1194 A67-19084
CaF sub 2 -Dy super 2 super plus lasers. 13 p2127 A67-27086
- PRESSMAN, W.**
The progressing wave formalism for electromagnetic waves from moving sources. 19 p3184 A67-35665
- PRESTHOLDT, D. L.**
Noise in p-n-p-n diodes. 21 p3589 A67-37820
- PRESTON, G. W.**
The spectrum of comet Ikeya-Seki /1965f/. 09 p1566 A67-22234
- PRESTON, J.**
Aromatic ordered copolyamides for temperature-resistant fibers. 21 p3647 A67-37871
Fibers of thermally stable ordered heterocycle-amide copolymers. 21 p3647 A67-37872
- PRESTON, J. H.**
Extensions of the Hele-Shaw analogy. 10 p1627 A67-23554
- PRESTON, K. F.**
Sensitized ignitions of methane and oxygen. 14 p2407 A67-28549
- PRESTON, K., JR.**
Ultrasonic imaging using a synthetic holographic technique. 11 p1793 A67-24831
- PRETOT, R.**
Control system for a frequency standard /Systeme d'asservissement pour etalon de frequence/. 13 p2121 A67-27226

- PRETZER, D.**
Lyman-alpha radiation resulting from ion collisions with molecular gases. 17 p2889 A67-33224
- PREUX, R.**
"Diamant" - Its mechanics, its programmer / "Diamant" - Sa mecanique - Son programmeur/. 07 p1258 A67-19524
- PREVOT, F.**
Dissociation of H sub 2 super plus ions by the Lorentz force / Dissociation par la force de Lorentz d'ions H sub 2 super plus/. 04 p0671 A67-15645
Propagation and diffusion of a plasma column in a magnetic field / Propagation et diffusion d'une colonne de plasma dans un champ magnetique/. 19 p3275 A67-35108
- PRIADKIN, K. K.**
High-pressure electrodeless discharge and its magnetic properties / Bezelektroodnyy razriad vysokogo davleniya i ego magnitnye svoystva/. 16 p2717 A67-31185
- PRIADKO, A. A.**
Stability of ribbed cylindrical shells under axial compression / Ustoichivost' rebriystykh tsilindricheskikh obolochek pri osevom szhatii/. 12 p2020 A67-25571
- PRIADKO, I. F.**
Stable electron configurations in atoms with partially filled d-and f-shells and the physical properties of the transition metals / Stabil'nye elektronnye konfiguratsii atomov s nedostroennymi d-, f-obolochkami i fizicheskie svoystva perekhodnykh metallov/. 06 p1035 A67-17844
Stable electron configurations of atoms with incomplete d and f shells and physical properties of transition metals. 20 p3490 A67-37586
- PRIAKHIN, E. A.**
Study of high-energy gamma quanta outside the atmosphere / Izuchenie gamma-quantov vysokoi energii za predelami atmosfery/. 05 p0877 A67-18088
Device for measuring high-energy gamma quanta present in primary cosmic radiation / Pribor dlia izmereniia gamma-quantov vysokoi energii v sostave pervichnogo kosmicheskogo izlucheniia/. 09 p1497 A67-21899
Investigation of high-energy gamma rays beyond the atmosphere. 24 p4212 A67-42764
- PRIAKHINA, L. I.**
Ternary intermetallic compounds in the system Ni-Ti-Nb. 16 p2691 A67-31593
- PRIAKHO, V. T.**
Verification of the determination of points in the field preparation for aerial photography / Kontrol' opredeleniia tochek polevoi podgotovki aerofotomirovaniia/. 13 p2118 A67-26464
- PRIBOEVA, N. V.**
The atmospheric activity of Jupiter in 1964-1965 according to data of photometric observations / Atmosfernaia aktivnost' Iupitera v 1964-1965 gg. po dannym fotometricheskikh nabludenii/. 22 p3879 A67-39299
- PRICE, C. F.**
Pressure dependence of hybrid fuel regression rates. [AIAA PAPER 66-113] 05 p0873 A67-17347
- PRICE, C. H., JR.**
Wind measurement by incoherent radar. 04 p0648 A67-14675
- PRICE, C. R.**
Analysis of Gemini 7-star sightings utilizing a space sextant in Gemini 6. 13 p2154 A67-26817
- PRICE, C. W.**
A metallographic technique for polishing and etching beryllium. 24 p4173 A67-42349
- PRICE, D. A., JR.**
Sources, mechanisms and control of roll resonance phenomena for sounding rockets. 08 p1407 A67-20514
Sources, mechanisms, and control of roll resonance phenomena for sounding rockets. 24 p4242 A67-42917
- PRICE, D. C.**
Nucleate boiling on a vibrating surface. [ASME PAPER 67-HT-58] 20 p3549 A67-36740
- PRICE, E. L.**
Propagation constants of a waveguide containing parallel sheets of finite conductivity. 13 p2083 A67-27443
- PRICE, E. V.**
Feedback control of a Q-switched ruby laser. 05 p0822 A67-16676
- PRICE, E. W.**
Measurement of combustion dynamics of solid propellants in the low frequency range. [AIAA PAPER 67-70] 06 p1073 A67-18451
Acoustic attenuation experiments on subscale, cold-flow rocket motors. 06 p1075 A67-18853
Velocity coupled axial mode combustion instability in solid propellant rocket motors. 15 p2547 A67-29997
Combustion of ammonium perchlorate. 18 p3108 A67-33814
Nonacoustic combustor instability. 23 p4084 A67-41721
- PRICE, F. C.**
The prediction of large rocket nozzle material performance using a semi-empirical technique. 15 p2547 A67-29993
- PRICE, F. J.**
Reliability through packaging design. 05 p0779 A67-17467
- PRICE, G. H.**
Propagation of electromagnetic waves into anisotropic media from an external point-dipole source. 16 p2832 A67-31858
- PRICE, G. R.**
Central factor in auditor fatigue - An artifact/ques/. 21 p3576 A67-39080
- PRICE, G. T.**
Experimental comparison of trauma in lateral /plusG sub y/, rearward facing /plusG sub x/, and forward facing /minusG sub x/ body orientations when restrained by lap belt only. 22 p3750 A67-39594
Injury in lateral impact /-Gy/ when restrained by aircraft seat belt only. 23 p3954 A67-41595
- PRICE, J. C.**
Extension of the Fokker-Planck equation. 08 p1360 A67-21126
Kinetic equation for a weakly unstable plasma. 22 p3848 A67-39690
- PRICE, J. F.**
Nonsimilar boundary-layer heat transfer of a rotating cone in forced flow. [ASME PAPER 65-WA/HT-31] 15 p2415 A67-29320
- PRICE, J. W.**
Analysis, design, and testing of heat-short-isolation components for high-performance insulation systems. 13 p2228 A67-27658
- PRICE, L. L.**
Density and temperature in wind tunnels using electron beams. 11 p1790 A67-24446
- PRICE, M. A.**
Effect on structures of rapidly changing environmental conditions - Launch to orbit to entry. [SAE PAPER 660680] 01 p0154 A67-10584
- PRICE, P. B.**
Tracks of cosmic rays in plastics. 06 p1076 A67-17641
Origins of fossil charged-particle tracks in meteorites. 07 p1245 A67-19941
Tracks of heavy primary cosmic rays in meteorites. 07 p1245 A67-19942
On the pre-atmospheric size and maximum space erosion rate of the Patwar stony-iron meteorite. 09 p1570 A67-22690
- PRICE, R. J. W.**
Parametric tradeoff analysis for COMSAT system design. [AIAA PAPER 66-330] 06 p0960 A67-17693
- PRICE, T. E.**
Optical alignment equipment for interconnecting semiconductor integrated circuits at slice level. 04 p0585 A67-15490
- PRICEMAN, S.**
Practical protective coatings for refractory metal reentry vehicle components. [SAE PAPER 660660] 01 p0094 A67-10618
- PRICHARD, R. W.**
Diagnostic measurements in an alkali plasma Hall accelerator. [AIAA PAPER 67-46] 06 p1042 A67-18493
- PRICKETT, R. L.**
Generation of a two-dimensional silicon carbide lattice. 01 p0103 A67-10688
- PRIDANTSEV, M. V.**
Nickel and iron-based heat-resistant aging alloys / Zharoprochnye starelushchye splavy na nikel'noi i zheleznoi osnovakh/. 24 p4169 A67-41919
Effect of rare-earth metals on the properties of EP357 steel / Vliianie redkozemel'nykh metallov na svoystva stali EP357/. 24 p4169 A67-41920
- PRIDE, R. A.**
Research on boron filaments and boron reinforced composites. 03 p0452 A67-13407
Effects of 450 deg F and 600 deg F exposures on the mechanical properties of polyimide/ glass-fiber honeycomb sandwiches and laminated beams. [AIAA PAPER 67-174] 06 p1021 A67-18484
- PRIDGEN, J. H.**
Computer aided network sensitivity analysis. 15 p2440 A67-29937
- PRIDMORE-BROWN, D. C.**
Density gradient effects on Alfvén wave propagation in a cylindrical plasma. 03 p0485 A67-14045
- PRIEM, R. J.**
Liquid rocket combustion - An aerodynamically controlled process. 24 p4256 A67-42720
- PRIEST, J. R.**
Study of the reaction Al super 27 /d, alpha/ Mg super 25 at 20.9 Mev. 05 p0849 A67-17381
Large angle alpha particle scattering from the 3 super plus unnatural parity states in magnesium. 20 p3488 A67-36931
- PRIESTER, W.**
The physical behavior of the upper atmosphere deduced from satellite drag data. 19 p3214 A67-34931
- PRIESTLAND, C.**
Measuring the density and direction of gas molecular flow using an ionization detector. 09 p1489 A67-22107
- PRIESTLEY, M. B.**
Power spectral analysis of non-stationary random processes. 20 p3485 A67-37004
- PRIGENT, M.**
Evolution of research on methanol cells / Evolution des recherches sur les piles a methanol/. 14 p2253 A67-29022
- PRIGOGINE, I.**
Time, structure, and entropy / Temps, structure et entropie/. 23 p4027 A67-41139
- PRIKHODKINA, G. M.**
Temperature-dependence of complex original magnetic permeability of the ferrites Co sub 0.8 Zn sub 0.4 Fe sub 2 O sub 4 over a wide frequency range / Temperaturnaia zavisimost' kompleksnoi nachal'noi magnitnoi proutsaemosti ferritov Co sub 0.8 Zn sub 0.4 Fe sub 2 O sub 4 v shirokom diapazone chastot/. 01 p0128 A67-10079
- PRIKHODKO, L. I.**
Conditions of preparation of materials based on boron and aluminum nitrides. 03 p0456 A67-13544
- PRIMA, N. A.**
Total resistance of a p-i-n diode at high injection levels / O polnom soprotivlenii p-i-n-dioda pri vysokikh urovnakh in'ektsii/. 14 p2286 A67-28530
Total impedance of a p-i-n diode at high injection levels. 23 p3980 A67-40937
- PRIMA, S. B.**
Phase diagram of the system titanium-copper. 13 p2131 A67-26473
- PRIMACK, J. R.**
Analysis of the dielectric constant of a two-temperature plasma. 02 p0275 A67-12555
High frequency conductivity calculation using the plasma kinetic equation. 19 p3286 A67-35353
Collision-induced high frequency instability in a fully ionized plasma. 19 p3292 A67-35391
The electrostatic energy per degree of freedom of a two-temperature plasma. 22 p3852 A67-39986
- PRIMBSCH, J. H.**
Observations of the isotropic component of cosmic X rays at balloon altitude. 04 p0693 A67-14963
Energetic protons from the solar flare of March 24, 1966. 23 p4060 A67-41233
- PRIMIANO, F. P., JR.**
The motion of the human center of mass and its relationship to mechanical impedance. 09 p1456 A67-22370
- PRIMICH, R. I.**
An eddy diffusion model for predicting rapid wake ionization decay behind hypersonic cones. [AIAA PAPER 67-21] 06 p0938 A67-18257
- PRINCE, A. E.**
Personal hygiene and sanitation for manned space systems. 23 p3967 A67-41611
Significant differences / both qualitative and quantitative / in microbial levels in closed environments. 23 p3957 A67-41642
Unusual aspects of indigenous microflora as determined in men undergoing simulated space conditions. 23 p3958 A67-41656
- PRINCE, A. L.**
Energy requirements in simulated aerospace environments. 23 p3952 A67-41573

- PRINCE, D. C., JR.**
Boundary-layer development in a converging-diverging nozzle throat. 08 p1277 A67-20589
- PRINCE, J. E.**
Skin response of the rat to 13 Mev proton irradiation. I. 23 p3957 A67-41644
Skin response of the rat to 13 Mev proton irradiation. II. 23 p3958 A67-41645
- PRINCE, M. B.**
Survey of materials for radiation detection at elevated temperatures. 12 p1985 A67-25862
- PRINCE, M. D.**
Man-computer graphics for computer-aided design. 05 p0768 A67-17514
- PRINCE, R. K., JR.**
An engineering approach to mathematical reliability models. 17 p2865 A67-32585
- PRINCIPATO, C.**
The possibility of undamaged recovery of a space vehicle by using a "Rogallo" wing /Sulla possibilita di recupero indenne di un veicolo spaziale con l'impiego di un'ala "Rogallo"/. 11 p1869 A67-43093
- PRINGLE, J. K.**
An approach to indigenous lunar power - The geothermal concept. 08 p1317 A67-21095
The moon as a geothermal prospect. [AIAA PAPER 67-901] 24 p4239 A67-43009
- PRINGLE, O. A.**
Experimental simulation of nonlinear vibration isolating systems with one and two degrees of freedom. [ASME PAPER 67-VIBR-35] 11 p1873 A67-24192
- PRINGLE, R. S.**
A comprehensive reliability analysis of redundant systems. 13 p2123 A67-26828
- PRINGLE, R., JR.**
Nonlinear resonance affecting gravity-gradient stability. 16 p2745 A67-30741
On the exploitation of nonlinear resonance in damping an elastic dumbbell satellite. [AIAA PAPER 67-568] 19 p3329 A67-35964
- PRINSEN, H. W.**
Errors in R-meter measurement of the velocity spread of meteorological targets resulting from radar frequency instabilities. 04 p0648 A67-14673
Errors in R-meter measurement of the velocity spread of meteorological targets resulting from radar frequency instabilities. 10 p1876 A67-22816
- PRINZ, R.**
Programmer for operational strength tests /Programmgeber fuer Betriebsfestigkeitsversuche/. 22 p3912 A67-39755
- PRINZLER, H.**
Nonthermal noise sources in plasmas without a magnetic field and their effect on microwave diagnostics. 14 p2354 A67-27764
Observation of plasma resonances with the aid of microwave emission /Die Beobachtung von Plasmenanzen mit Hilfe der Mikrowellenemission/. 17 p2907 A67-33105
- PRIOU, M.**
Photon excitation of volume and surface plasmons for magnesium layers evaporated and studied in an ultrahigh vacuum /Excitation par photons de plasmons de volume et de surface pour des couches de magnesium evaporees et etudiees en ultravide/. 17 p2913 A67-32292
- PRIOR, A. C.**
A comparative review of materials for construction of superconducting solenoids. 17 p2912 A67-32264
- PRIOR, E. J.**
Latitudinal and seasonal variations in atmospheric densities obtained during low solar activity by means of the inflatable air density satellites. 10 p1639 A67-23211
The winter helium bulge. 19 p3218 A67-35226
- PRIOR, W.**
Pair production of plasma vortices. 03 p0486 A67-14054
Measurement of rotational-velocity and ion-density profiles in plasma vortices. 19 p3288 A67-35361
- PRISE, W. J.**
Advances in flexible circuitry. 21 p3595 A67-38336
- PRISHCHUP, A. G.**
Efficiency of sterilization by making use of ethylene oxide and methyl bromide mixture. 15 p2430 A67-29101
- PRITCHARD, E. B.**
Analysis of multipurpose entry vehicle requirements for unmanned landings on bodies having tenuous atmospheres. [AIAA PAPER 67-599] 19 p3336 A67-35995
High-altitude hypersonic flow effects on the lateral range capability of entry vehicles. 22 p3742 A67-40114
- PRITCHARD, H. O.**
Vibrational disequilibrium in chemical reactions. 18 p2996 A67-33780
- PRITCHARD, J. P., JR.**
Cryotron array - Successful integration of design and fabrication strategies. 18 p3014 A67-34556
- PRITCHARD, R. L.**
Electrical characteristics of transistors. 20 p3399 A67-37010
Integrated circuits - A survey /Integrierte Schaltungen - Eine Ubersicht/. 24 p4132 A67-42687
- PRITCHARD, W. L.**
The initial defense communication satellite. 03 p0369 A67-13826
- PRITULA, I. IU.**
Distribution function of the envelope of a mixture of a sinusoidal signal and a chaotic sequence of radio pulses at the output of a linear system /Funktsiia raspredelenia ogibalushchel smesi sinusoidal'nogo signala i khaoticheskoi posledovatel'nosti radioimpul'sov na vykhode lineinoi sistemy/. 18 p2999 A67-33506
- PRIVALOV, V. E.**
Some characteristics of a He-Ne laser generating simultaneously at 3.39 and 0.6328 μ . 17 p2868 A67-32862
- PRIVOZNIK, L. J.**
Evaluation of plasma arc welding for 120 in. diameter rocket motor cases. 01 p0080 A67-10944
Plasma arc welding processes. [ASME PAPER 67-DE-46] 14 p2328 A67-28879
- PROBERT, S. D.**
Heat losses through rarefied fluids. 10 p1731 A67-22725
Superconducting contacts under mechanical loads. 10 p1888 A67-22904
- PROBST, R. F.**
Hypersonic flow theory. Volume 1 - Inviscid flows. /2nd Edition/. 07 p1127 A67-20204
- PROCA, G.**
Holography. 19 p3228 A67-34949
- PROCHKO, R. J.**
Corrosion of beryllium by salt water. 04 p0640 A67-15618
- PROCHUKHAN, V. D.**
Optical reflection of gallium phosphide, gallium arsenide and their solid solutions /Opticheskoe otryazhenie fosfida gallia, arsenida gallia i ikh tverdykh rastvorov/. 01 p0086 A67-10067
Optical reflection of gallium phosphide, gallium arsenide, and their solid solutions. 08 p1339 A67-21450
Injection luminescence of epitaxial heterojunctions in the GaP-GaAs system /Inzhektionsnaya luminesstentsiia epitaksial'nykh geteroperekhodov v sisteme GaP-GaAs/. 09 p1554 A67-21975
Injection luminescence of epitaxial heterojunctions in the GaP-GaAs system. 17 p2923 A67-33312
- PROCK, J., JR.**
Where Soviet superalloys stand. 10 p1668 A67-23012
- PROCTOR, B. A.**
The occurrence of specific stress raisers in high-strength brittle solids. 18 p3069 A67-33491
- PROCTOR, D. W.**
Numerical techniques and programming procedures for orbit determination. 09 p1467 A67-21835
- PROCTOR, L. D.**
Life sciences - Advanced concepts. 13 p2061 A67-27505
- PROCTOR, W. G.**
Temperature variation of La super 139 nuclear quadrupole resonance in LaF sub 3. 01 p0129 A67-10149
- PRODAN, J.**
Can flight training take lessons from our astronaut training program/ques/. 13 p2064 A67-27273
- PRODI, F.**
A new radiometer for atmospheric long waves. 24 p4152 A67-41787
- PRODROMOU, S. E.**
Distribution of a calibrated signal using noisy calibration reference levels. 17 p2816 A67-32624
- PRODUNOV, V. P.**
Procedure for processing some motor characteristics in biomechanical investigations on an electronic digital computer /Metodika obrabotki na elektronnoi tsifrovoy vychislitel'noi mashine /ETSVM/ nekotorykh kharakteristik dvizhenia v biomekhanicheskikh issledovaniakh/. 24 p4114 A67-41857
- PROFERA, C. E., JR.**
A high efficiency dual frequency multimode monopulse antenna feed system. 08 p1300 A67-20681
- PROFFIT, R. L.**
Visualization of hydrogen fires. 20 p3445 A67-36540
- PROGAR, D. J.**
The thermal radiation characteristics of some high-emittance coatings for space applications. [ASM PAPER C6-4.3] 23 p4020 A67-41404
- PROHOFSKY, E. W.**
Acoustoelectric waves in piezoelectric materials. 06 p1050 A67-18140
- PROKOVA, IA. G.**
Coefficient of optical absorption by free charge carriers /Koeffitsient opticheskogo pogloshchenia na svobodnykh nositelakh zariada/. 14 p2372 A67-28808
- PROISE, M.**
The selection of an optimum spinning space station configuration using a gyro torquer control. 17 p2955 A67-32477
- PROKHOROV, A. M.**
A 21-cm radiospectrometer using a paramagnetic amplifier. 02 p0241 A67-11638
CaF sub 2 - Sm super 2 super plus laser with ruby laser excitation. 05 p0820 A67-16661
The nature of the laser transition in CdS crystal at 90 deg K with two-photon excitation. 05 p0821 A67-16667
CaF sub 2 Dy super 2 giant pulse laser with high repetition rate. 05 p0822 A67-16674
Some features of the interaction between matter and short pulses of laser radiation /O nekotorykh osobennostyakh vzaimodeistviia korotkikh impul'sov lazernogo izlucheniia s veshchestvom/. 19 p3238 A67-34897
- PROKHOROV, E. D.**
Transient response in the case of forward and backward switching of n-n super plus /n-m/ junctions /Perekhodnye protsessy pri priamom i obratnom vkluchenii n-n super plus /n-m/ perekhodov/. 22 p3858 A67-39574
Measurement of the recombination rate at antibarrier contacts of the n-n super plus /n-m/ type /Izmerenie skorosti rekombinatsii na antizapornykh kontaktakh tipa n-n super plus /n-m/. 22 p3858 A67-39575
- PROKHOROV, IU. V.**
Contribution to the theory of approximate minimax detection of signals against a Gaussian background /K teorii priblizhenno minimaksnogo vydelenia signalov na Gaussovskom fone/. 22 p3762 A67-39876
- PROKOFEV, V. V.**
Reflection of a shock wave from the side of a right angle /Otryazhenie udarnol volny ot grani priamogo ugla/. 14 p2296 A67-27979
- PROKOFIEV, V. K.**
Astronomical telescope on the moon. 04 p0597 A67-15068
- PROKOFVEVA, V. V.**
Experimental determination of the coordinates of distant satellites with the aid of a TV system /Opyt opredeleniia koordinat dalekikh sputnikov s pomoshch'iu televizionnoi sistemy/. 16 p2621 A67-30683
- PROKOPALO, O. I.**
Concerning the mechanism of slow polarization processes in barium titanate. 03 p0497 A67-13702
Classification of dopants for barium titanate. 03 p0497 A67-13703
- PROKOPENKO, G. I.**
Relaxation damping maxima in plastically deformed molybdenum and niobium single crystals. 08 p1367 A67-20419
- PROKOPENKO, L. N.**
Coercivity inequalities for second-order elliptical operators with increasing coefficients /Neravenstva koerstivnosti dlia ellipticheskikh operatorov vtorogo poriadka s rastushchimi koeffitsientami/. 11 p1814 A67-24978
- PROKOPENKO, M. I.**
Investigation of compaction during the hot compression of magnesium oxide with additives /Issledovanie uplotneniia pri goriachem pressovanii okisi magniia s dobavkami/. 01 p0102 A67-11243

- PROKOPENKO, N. I.**
Rectangular comb in a rectangular waveguide. 10 p1813 A67-23445
- PROKOPEV, E. P.**
Localized electron states at a nonideal semiconductor surface /O lokalizovannykh sostoianiyakh elektronov na neideal'noi poverkhnosti/. 01 p0128 A67-10078
Localized electron states on a nonideal surface of a semiconductor. 08 p1371 A67-21456
- PROKOPEV, V. I.**
Use of matrix integral equations to calculate critical loads and natural frequencies of oscillation of shells of revolution /Raschet kriticheskikh nagruzok i chastot sobstvennykh kolebaniy obolochek vrashcheniya s pomoshch'yu matrichnykh integral'nykh uravneniy/. 12 p2022 A67-25585
Relation between natural-oscillation frequencies and the eigenvalues of the stability equations for cylindrical shells /Svlyaz' chastot sobstvennykh kolebaniy i sobstvennykh znacheniy uravneniy ustoiichivosti dlia tsilindricheskikh obolochek/. 12 p2027 A67-25623
Free axisymmetric oscillations of reinforced cylindrical shells /Svobodnye osesimmetrichnye kolebaniya podkreplennykh tsilindricheskikh obolochek/. 19 p3338 A67-34877
- PROKOPIUK, N. F.**
Conditions for self excitation of a laser operating in an inhomogeneously broadened band. 23 p4013 A67-40907
- PROKOSHIN, D. A.**
Structure and certain properties of niobium-tantalum alloys, containing tungsten and molybdenum /Struktura i nekotorye svoystva spлавov niobila s tantalom, soderzhashchikh vol'fram i molibden/. 05 p0831 A67-17503
Phase equilibrium in the molybdenum-titanium-zirconium system /O fazovykh ravnovesiyakh v sisteme molibden-titan-tsirkoni/. 11 p1808 A67-24856
Glow-discharge silicizing of metals. 19 p3242 A67-34917
Structure and some properties of niobium-tantalum alloys containing tungsten and molybdenum. 21 p3644 A67-38030
Principle of high-temperature alloying /Printsip zharoprochnogo legirovaniya/. 22 p3818 A67-39319
- PRONGAY, D. M.**
Data systems and data analysis methods to support on-board in-flight operations. [AIAA PAPER 67-911] 24 p4127 A67-43018
- PRONIK, I. I.**
The galactic magnetic field in the solar neighborhood. 01 p0151 A67-11275
- PRONIN, V. P.**
The MNT-VZ-V device for simulating the electromagnetic field in radio waveguides by the induced-current method /Ustanovka MNT-VZ-V dlia modelirovaniya elektromagnitnogo polya v radiovolnovodakh metodom navedennogo toka/. 06 p1001 A67-17937
MNT-VZ-V apparatus for modeling the electromagnetic field in radio waveguides by the induced-current method. 18 p3046 A67-33774
- PRONINA, E. M.**
Production of gas-turbine engines /Proizvodstvo gazoturbinnnykh dvigateley/. 11 p1798 A67-24516
- PRONKIN, A. A.**
Electric conductivity of complex potassium-titanium-lead glasses. 06 p1053 A67-18613
- PRONOVOST, R. J.**
A three variable self-adaptive flight control system using discrete interval binary noise perturbation signals. 15 p2572 A67-30319
- PROPOI, A. I.**
Synthesis of automatic systems optimum in the mean /O sinteze optimal'nykh v srednem avtomaticheskikh sistem/. 24 p4137 A67-42722
- PROPST, F. M.**
Detection of the vibrational states of gases adsorbed on tungsten by low-energy electron scattering. 13 p2160 A67-27075
- PROSEN, R. J.**
Magnetization ripple in multilayer films. 13 p2179 A67-27143
- PROSEN, S. P.**
Carbon fibre composites. 10 p1671 A67-23495
- PROSHKO, G. P.**
Microinhomogeneities of the impurity distribution in heavily doped gallium arsenide /Mikroneodnorodnosti raspredeleniya primesi v sil'no legirovannom arsenide galliya/. 14 p2368 A67-28528
Effect of dislocations on the structure of diffusion p-n junctions in gallium arsenide and on the parameters of its recombination radiation /Vliyanie dislokatsiy na strukturu diffuzionnykh p-n-perekhodov v arsenide galliya i parametry rekombinatsionnogo izlucheniya/. 19 p3300 A67-34768
Microinhomogeneities of the impurity distribution in heavily doped gallium arsenide. 23 p4039 A67-40935
- PROSKURA, A. I.**
Recording, storage, and reproduction of an optical image by means of the Gudden-Pohl effect /Zapis', khraneniye i vosproizvedeniye opticheskogo izobrazheniya s pomoshch'yu effekta Guddena-Pohla/. 15 p2487 A67-29470
- PROSKURIAKOV, A. P.**
Stability of single-frequency periodic solutions of quasi-linear self-contained systems with two degrees of freedom. 03 p0468 A67-13625
Poincare problem in the theory of nonlinear oscillations - Cases of system degeneration /O metode Пуанкаре в теории нелинейных колебаний - Случай вырождения системы/. 22 p3836 A67-39393
- PROSKURIAKOV, V. A.**
Temperature and concentration of charged particles behind the front of a strong shock wave in air. 06 p0983 A67-17878
Total absorption coefficients of air heated by strong shock waves. 15 p2530 A67-29861
- PROSKURINA, V. M.**
Stability of rectangular plates of nonlinear-elastic material. 13 p2218 A67-26901
- PROSNAK, W. J.**
Effect of Mach number and ratio of specific heats on the distance of the shock wave from the end face of a circular cylinder situated in axisymmetric flow /Wplyw liczby Macha i wykladnika izentropii na odleglosc fall uderzeniowej od podstawy walca kolowego oplywanego oslowo-symetrycznie/. 07 p1128 A67-19347
- PROSSER, D. W.**
Turbulence as a producer of noise in proportional fluid amplifiers. 04 p0557 A67-15919
Local turbulence measurements in a supersonic jet. 16 p2591 A67-30943
- PROSSER, R. T.**
Determinable classes of channels. 03 p0369 A67-13799
- PROSSER, T.**
How to measure FET noise. 01 p0039 A67-11196
- PROSSER, T. F.**
An integrated temperature sensor-controller. 04 p0619 A67-14595
- PROSSER, V.**
Interband Faraday effect in CdTe single crystals. 04 p0676 A67-14933
- PROSTEJOVSKY, J.**
Phase relations between electron temperature, luminous intensity and electron density in a stratified positive column of a glow discharge. 14 p2353 A67-27757
- PROSVIRIN, V. I.**
Change in the work of brittle fracture during impact bending of polymer material 40K60V in the stressed state /Izmeneniye raboty khrupkogo razrusheniya pri udarnom izgibe polimernogo materiala 40K60V, nakhodiaschegosya v napriazhenom sostoyanii/. 23 p4072 A67-40595
- PROTASOV, I. I.**
Electric and photoelectric properties of epitaxial gallium arsenide films /Elektricheskie i fotoelektricheskie svoystva epitaksial'nykh sloev arsenida galliya/. 12 p1984 A67-25521
Electrical and photoelectric properties of epitaxial films of gallium arsenide. 18 p3103 A67-34452
- PROTASOV, I. I.**
Investigation of the specific energy distribution of a shock wave created by an electrical explosion of a wire and an electrical discharge in air /Issledovanie raspredeleniya udel'noi energii udarnoi volny, obrazuyushchiesya pri elektricheskoy vzryve provolochki v elektricheskoy razlade v vozdukh/. 17 p2883 A67-31927
- PROTASOVA, T. G.**
Remote responses of the hemopoietic tissue to proton and X-ray irradiation under acceleration /Otdalennyye reaktsii krovotvornoi tkani na obлучenie protonami i Kh-luchami v kombinatsii s gravitatsionnymi nagruzkami/. 13 p2057 A67-26458
- PROTHERO, W. M., JR.**
A superconducting gravimeter. 22 p3809 A67-40432
- PROTOPOPOV, V. S.**
Experimental study of heat exchange in carbon dioxide in the supercritical range at high temperature drops. 16 p2780 A67-31777
- PROTSENKO, E. D.**
Temperature effects in the Ne-He laser. 01 p0090 A67-10512
Some results of a study of the pulsed argon laser. 03 p0438 A67-14188
- PROTTER, M. H.**
Difference methods and soft solutions. 24 p4180 A67-43090
- PROUDFOOT, E. A.**
Nondestructive determination of mechanical properties of refractory materials. 14 p2340 A67-28258
- PROUSE, G.**
An existence, uniqueness, and regularity theorem for the Navier-Stokes system in space /Un teorema di esistenza, unicitá e regolarita per il sistema di Navier-Stokes nello spazio/. 24 p4177 A67-42155
- PROUTY, R. W.**
Aerodynamic considerations of stopping a rotor in flight. [AHS PAPER 104] 16 p2595 A67-31821
- PROUZA, L.**
On the reliability of electronic systems /K spoehlivosti elektronickych zarizeni/. 14 p2282 A67-28039
- PROZOROVSKII, V. E.**
Losses in film capacitors with a silicon monoxide dielectric /Poteri v plenochnykh kondensatorakh s dielektrikom iz monoooksil kremnia/. 03 p0378 A67-13243
- PRSHEDROMIRSKAIA, E. M.**
Strength characteristics of porous materials of refractory compounds. 07 p1208 A67-19307
Study of the permeability of porous materials of refractory compounds /Izucheniye pronyzhaemosti poristykh materialov iz tugoplavkiykh soedineniy/. 09 p1517 A67-21875
Some regular features in the sintering of porous parts from high-melting-point compounds. 10 p1667 A67-22827
- PRUDENZIATI, M.**
Study of transistors' overload in active region operated by large pulses' trains. 17 p2827 A67-32784
- PRUDHOMME, R.**
Discussion of the stability of solutions occurring in the analysis of relaxed flows /Discussion de la stabilité des solutions intervenant dans l'analyse des écoulements relaxes/. [ONERA-TP-360] 01 p0054 A67-11089
Introduction to a rational study of complex chemical mixtures /Introduction a une étude rationnelle des mélanges chimiques complexes/. 18 p2997 A67-34124
- PRUDHOMME, R. R.**
Developing the quality assurance requirements for a custom thin-film circuit program. 21 p3635 A67-38623
Developing the quality assurance requirements for a custom thin-film circuit program. II. 21 p3636 A67-38896
- PRUDHON, G.**
Applications of Jaeger electromagnetic powder couplers to space techniques /Applications des coupleurs électromagnétiques a poudre Jaeger aux techniques spatiales/. 07 p1131 A67-19525
- PRUDNIKOV, R. V.**
Effect of a surface oxide film on the electrophysical surface properties of germanium. 08 p1367 A67-20412
- PRUETT, H. D.**
Simultaneous exposure-development of holograms on 649-F film. 18 p3048 A67-34012
- PRUPPACHER, H. R.**
Interpretation of experimentally determined growth rates of ice crystals in supercooled water. 23 p4024 A67-40973
- PRUSCHEK, R.**
Studies of thermionic reactors as power supply systems for space vehicles /Forschungsarbeiten fuer

- Thermionikreaktoren als
Energieversorgungsanlagen fuer
Raumfluggeraete/. 04 p0553 A67-14551
Energy supply plants with nuclear energy
sources /Energieversorgungsanlagen mit
nuklearen
energiequellen/. 04 p0558 A67-15958
- PRUSS, T. V.
Pressure-sintered GaSb-GaAs alloys -
Densification and thermoelectric
properties. 24 p4204 A67-42346
- PRUTKIN, V. P.
Diffusion of impurities in epitaxial silicon
layers /Diffuziia primesel v epitaksial'nykh
plenakh kremnilya/. 21 p3681 A67-38361
- PRUYN, R. R.
USAAVLABS tandem rotor airloads
measurement program. 13 p2054 A67-27596
Blade stall - Half fact, half fiction.
[AHS PAPER 101] 16 p2595 A67-31818
The measurement and analysis of rotor
blade airloads and the resulting dynamic
response of a large tandem rotor
helicopter. 20 p3536 A67-36462
- PRUZAN, P.
Hydrodynamic aspect of the heat transport
phenomenon in solids /Aspect
hydrodynamique du phenomene de transport
de la chaleur dans les
solides/. 14 p2374 A67-28982
- PRYCE, M. H. L.
Vibrations of interstitial Li super plus
ions in silicon. I, II. 04 p0683 A67-15609
- PRZEMIENIECKI, J. S.
Large deflections of diamond-shaped
frames. 01 p0160 A67-10404
- PRZEWOLOKI, S.
Comments on the determination of
topographic and other elevations on the
basis of radar-parallax and shadow-parallax
measurements /Uwagi na temat okreslania
wysokosci terenu i innych obiektow, na
podstawie pomiaru paralaksy radarowej i
paralaksy cienla/. 02 p0239 A67-12539
- PRZIREMBEL, C. E. G.
Apparatus for studies of supersonic
axisymmetric base flow. 02 p0230 A67-12361
- PSAREV, V. I.
Theory of the coalescence of finely
disperse phases in metal
alloys. 19 p3245 A67-35469
- PSAROUTHAKIS, J.
Multiple electrode thermionic converter
analysis. 09 p1447 A67-22333
Thermionic conversion for electric
propulsion power. 16 p2608 A67-30715
- PSAROV, V. I.
Dependence of the thermoelectrical
properties of CdSb polycrystals on their
structural state /Prozalezhnist'
termoelektricheskikh vlastivostel polikristaliv
CdSb vid ikh strukturnogo
stanu/. 14 p2372 A67-28758
- PSCHUNDER, R. J.
Radar tower and foundation
analysis. 03 p0396 A67-13753
- PSHENICHNOV, G. I.
Free and forced axisymmetrical
oscillations of thin elastic shells of
revolution /Svobodnye i vyzhuzhennyye
osesimmetrichnyye kolebania tonkikh
uprugikh obolochek
vrashcheniya/. 12 p2027 A67-25624
- PSHENICHNYI, B. N.
Numerical methods in linear problems of
optimal control /Chislennyye metody v
lineinykh zadachakh optimal'nogo
upravleniya/. 20 p3411 A67-37375
- PSKOVSKII, I. U. P.
Current problems of lunar surface
morphology /Tekushchie problemy morfologii
poverkhnosti luny/. 05 p0887 A67-18059
The photometric properties of
Supernovae. 18 p3119 A67-33857
Current problems in the morphology of
the lunar surface. 21 p3701 A67-37846
- PTASHCHENKO, A. A.
Study of the spectral dependence of the
photoionization of sensitizing centers in
cadmium sulfide /Issledovanie spektral'noi
zavisimosti fotoionizatsii ochuvstvialushchikh
tsentrov v sulfide
kadmila/. 07 p1234 A67-20025
Spectral dependence of the
photoionization of sensitivity centers in
cadmium sulfide. 18 p3100 A67-33759
Role of the red luminescence centers in
the photoconducting processes in CdS /Rol'
tsentrov krasnoi luminesentsii v
rotsessakh fotoprovodimosti v
CdS/. 19 p3300 A67-34765
- PTASHNIK, B. I.
Problem of the Vallee-Poussin type for
linear hyperbolic equations with variable
coefficients /Zadacha tipu Valle-Pussena dlia
liniinkh giperbolicheskikh ravnaniy iz zminiml
koeffitsientami/. 11 p1814 A67-25049
- PTAVEK, V.
Two changes in the rate of the earth's
rotation during
1955.5-1965.5. 23 p3993 A67-40675
- PTUSHINSKII, I. U. G.
State of oxygen desorbed from the
tungsten surface. 15 p2434 A67-30100
On the possibility of oxide formation on
the tungsten surface at room
temperature. 19 p3244 A67-34942
Effect of adsorption of Cs, Ba, Th, and Cu
atoms and of an electric field on the Hall
effect and electrical conductivity of thin
nickel films. 20 p3504 A67-38166
Mass-spectrometric study of oxygen
absorption by a tungsten layer /Mas-
spektricheskoe doslidzheniia sorbitsii
kislno poverkhnei
vol'framu/. 24 p4172 A67-42073
- PU, R. T.
Modified optical-potential approach to low-
energy electron-helium
scattering. 03 p0471 A67-13318
- PUCEL, C.
Concept, development, and tests of solar
thermionic converters with alkaline vapor
refueling /Conception, realisation et essais
de convertisseurs thermioniques solaires a
vapeur de remplissage
alkaline/. 07 p1132 A67-20287
- PUCHKOV, V. S.
New assembly for the study of powerful
interactions of 100 to 1000 Bev at a Tyan-
Shan high-altitude station - Preliminary
results /Novaya ustanovka dlia issledovaniia
sil'nykh vzaimodelstvi pri energiiakh 100-
1000 Bev na Tian'-Shan'skoi vyzokogornoi
stantsii - Pervye
rezul'taty/. 02 p0248 A67-12746
Mean characteristics of the process of
multiple particle production at energies
from 100 to 1000 Gev /Srednie
kharakteristiki protsessa mnozhestvennogo
rozheniia chastits pri energiiakh 100-1000
Gev/. 24 p4217 A67-42830
- PUDOVKIN, M. I.
Recombination processes in the lower
ionosphere /Protessy rekombinatsii v
nizhnei ionosfere/. 02 p0236 A67-11681
Energy of a magnetic storm /Energiia
magnitnoi buri/. 05 p0801 A67-17133
Two types of particle injections into the
polar zone. 07 p1174 A67-19713
Recombination processes in the lower
ionosphere. 16 p2685 A67-31076
Energy of a magnetic
storm. 21 p3619 A67-38476
- PUELL, H.
Energetic plasmas produced by laser light
on solid targets. 23 p4033 A67-41152
- PUEITZ, M.
Alignment-and trimming-unit for the
ELDO-A platform. 22 p3830 A67-39158
- PUGACH, I. P.
Review of external superhigh-frequency
modulation techniques for lasers /Obzor
metodov vneshnei sverkhvysokochastotnoi
modulatsii opticheskikh kvantovykh
generatorov/. 03 p0436 A67-13138
- PUGACHEV, A. T.
Electronographic determination of the
thermal expansion coefficients of thin films
/Elektronograficheskoe opredeleniie
koeffitsientov termicheskogo rasshireniia
tonkikh plenok/. 12 p1939 A67-25242
- PUGH, E. R.
Laboratory simulation of solar wind
phenomena. 14 p2294 A67-29036
A magnetic annular arc driven shock
tube. 21 p3606 A67-37774
- PUGH, F. L.
Terminal evasion of
rendezvous. 02 p0330 A67-11926
- PUGH, H. LL. D.
New methods in metal
working. 13 p2123 A67-26699
- PUGIN, V. S.
Investigation of porous cermet fire
barriers for localizing acetylene-oxygen and
hydrogen-oxygen flames /Issledovanie
poristyykh metallokeramicheskikh
ognepregraditelei dlia lokalizatsii atsetleno-
kislородnogo i vodorodno-kislородnogo
plameni/. 24 p4159 A67-41957
- PUGLIESE, L. A.
The influence of very low carbon contents
on the properties and structures of nickel
and nickel-iron base
superalloys. 22 p3818 A67-39223
- PUGLISI, M.
A new type of cavity
resonator. 17 p2827 A67-32786
- PUGNIN, V. I.
Krypton and xenon excitation mechanisms
in the positive column of a DC discharge /O
mekhanizme vzbuzhdeniia kriptona i
ksenona v polozhitel'nom stolbe razriade
post olnannogo toka/. 19 p3265 A67-35131
- PUGSLEY, A. G.
The Safety of
Structures. 14 p2395 A67-28030
- PUJOL, A.
Development of rotational Couette flow
with non-Newtonian viscosity /Etablissement
de l'ecoulement rotationnel de Couette avec
viscosite non
Newtonienne/. 09 p1490 A67-22595
- PUKH, V. P.
Nature of the damage of high-strength
glass and possibilities
of protecting
glass. 20 p3473 A67-36159
- PUKHOV, V. A.
Relationships among the central nervous
system, the adenohypophysis, and the
adrenal glands and their significance in the
case of oxygen deficiency
/Vzaimootnosheniia TsNS, adenogipofiza i
nadpocheknikov i znachenie ikh pri
kislородnoi
nedostatocnosti/. 20 p3369 A67-36669
- PULEO, J. R.
Factors influencing the recovery of viable
micro-organisms from
surfaces. 10 p1601 A67-23348
Heat sterilization of activated
carbon. 11 p1749 A67-24788
Feasibility of using ultrasonics for
removing viable microorganisms from
surfaces. 19 p3179 A67-34911
Assessment of microbial contamination on
surfaces of space hardware by
ultrasonics. 23 p3962 A67-40852
- PULFER, J. K.
A study of telemetry systems for gun
launched upper atmosphere
probes. 15 p2436 A67-29412
- PULLEN, J.
Rotating plasma
furnace. 02 p0228 A67-11503
- PULLEN, K. A., JR.
On the limitations governing operation of
bipolar and field-effect transistors in circuits
and systems. 08 p1300 A67-20335
- PULTORAK, J.
Influence of technological processes on
the structure of alloyed junctions in
germanium and silicon /Wplyw procesow
technologicznych na strukture zlacz
stopowych w germanie i w
krzemie/. 23 p4043 A67-41365
- PULTSIN, N. M.
Variation of the structure and properties
of the titanium alloy VT5 as a result of gas
saturation /Izmenenie struktury i svoistv
titanovogo splava VT5 v rezul'tate
gazonasyshcheniya/. 10 p1670 A67-23642
Characteristics of gas saturation in alpha
plus beta titanium alloys /Ob osobennostiakh
gazonasyshcheniya alpha plus beta-splavov
titana/. 18 p3065 A67-34292
- PULVER, E. F.
Ambipolar carrier transport and surface
recombination velocity in semiconductor
surface layers. 18 p3104 A67-34593
- PUN, W. M.
Influence of thermal diffusion on
transpiration cooling at an axi-symmetrical
stagnation point. 04 p0733 A67-15839
A procedure for predicting the velocity
and temperature distributions in a confined,
steady, turbulent, gaseous, diffusion
flame. 24 p4091 A67-42383
- PUNINA, V. A.
Structure of the light field at small angles
/Struktura svetovogo polia pod malymi
uglami/. 01 p0107 A67-10125
Accuracy of the asymptotic formulas for
angular functions /Tochnost'
asimptoticheskikh formul dlia uglovyykh
funktsii/. 01 p0112 A67-10131
- PUNNETT, M. B.
Estimate the boresight
error. 02 p0215 A67-11973
- PUNTER, T. J.
Determination of gas flow parameters

- from propane attitude control jets, and their effect on satellite optical sensors and telescopes. 18 p3137 A67-34359
- PUOLOKAINEN, T. P.**
Magnetic activity in low latitudes during the IGY /Magnitnala aktivnost' v srednikh i nizkikh shirotakh v period MGG/. 14 p2309 A67-27940
- PUPKE, H.**
Simple method for determining the mean free path of primary electrons in a plasma /Ueber einfache Methode zur Bestimmung der mittleren freien Weglänge von Primaerelektronen im Plasma/. 07 p1229 A67-19515
Excitation of a UHF oscillation spectrum by fast primary electrons in front of the cathode of a low-pressure Hg discharge /Anregung eines UHF-Schwingungsspektrums durch schnelle Primaerelektronen vor der Kathode einer Hg-Niederdruckentladung/. 08 p1358 A67-20869
- PUPKOV, K. A.**
Stability of nonlinear systems with random signals. 20 p3408 A67-37041
- PURCELL, G. V.**
Thermal conductivity measurements of fibrous insulations up to 2500 deg F. 04 p0735 A67-15855
- PURCELL, J. D.**
An echelle spectrograph for middle ultraviolet solar spectroscopy from rockets. 10 p1653 A67-22735
Recent extreme ultraviolet solar spectra and spectroheliograms. 10 p1707 A67-23224
- PURCELL, W. E.**
Model for mixing of a compressible free jet with a moving environment. 23 p3992 A67-41731
- PURDUM, K. L.**
Extended use of the Coulomb approximation - Mean powers of r , a sum rule, and improved transition integrals. 01 p0112 A67-10142
- PURDY, D. M.**
Model studies of wind loads on flat-top cylinders. 20 p3421 A67-36781
- PURDY, K. R.**
Laminar forced convection under the influence of a resonant acoustic field. 16 p2778 A67-30947
- PURDY, W.**
Titan III - An experiment in CIPF management. [AAS PAPER 66-154] 08 p1430 A67-20972
Titan III - An experiment in CIPF management. [AAS PAPER 66-154] 13 p2232 A67-27552
- PURGANSKII, V. S.**
Hydrodynamic model taking into account heat inputs during the formation of a vertical temperature profile in the stratosphere /Gidrodinamicheskaya model' ucheta pritokov tepla pri formirovani vertikal'nogo profilya temperatury v stratosfere/. 13 p2113 A67-26676
Contribution to the theory of biennial variation of the zonal atmospheric circulation at equatorial latitudes /K teorii dvukhgodichnykh kolebani zonal'noi tsirkulatsii atmosfery ekvatorial'nykh shirot/. 13 p2150 A67-26680
- PURI, N. N.**
Identification of a linear system from discrete values of input-output data. 08 p1311 A67-20344
Optimal control design via successive approximations. 16 p2648 A67-31658
- PURI, S.**
Plasma heating and diffusion in stochastic fields. 03 p0485 A67-14046
- PURITIS, T. IA.**
Emission of light by silicon p-n junction microplasma for various types of breakdown /Emissiya sveta mikroplazmy kremnievogo p-n perekhoda pri raznykh vidakh probola/. 03 p0491 A67-13176
Effects of the temperature of an ambient medium on microplasma phenomena and on the breakdown voltage of a silicon p-n junction /Vliyanie temperatury okruzhayushchey sredy na mikroplazmennye javleniya i napriazhenie probola p-n perekhoda kremnilya/. 06 p1050 A67-17895
Ionization threshold energy of electrons and holes in silicon /Energia poroga ionizatsii elektronov i dyrok v kremnilya/. 14 p2368 A67-28535
Threshold energy for ionization by electrons and holes in silicon. 23 p4040 A67-40942

- PURSCH, J. A.**
Psychologic conversion reaction - The aviator's emotional face curtain. 23 p3955 A67-41624
- PURSEY, H.**
An optical communication link for laboratory demonstration using microwave modulation of the light beam. 17 p2812 A67-32237
- PURSLOW, E. J.**
Order of complexity of active networks. 07 p1162 A67-20200
- PURTON, C. R.**
The spectrum of the galactic radio emission. 01 p0147 A67-10360
An upper limit to circularly polarized radiation from the Crab Nebula. 19 p3316 A67-35802
- PUSHKAR, V. N.**
Investigation of the critical alternating-magnetization curves of permalloy films /Issledovanie kriticheskikh krivykh peremagnichivaniya permalloyevykh plenok/. 12 p1981 A67-25245
- PUSHKARCHUK, A. A.**
Contribution of the vestibular section of the labyrinth to postrotational changes in the level of adrenalin and noradrenalin content in some tissues of white rats /Rol' vestibularnoi chasti labirintov v postvrashchatel'nykh izmeneniyakh urovnia soderzhanija adrenalina i noradrenalina v nekotorykh tkankakh belykh krysov/. 03 p0365 A67-14330
- PUSHKAREV, O. E.**
Thermal cycle of a magnetogasdynamic generator and the optimal external load resistance /Teplovoy tsikl magnitogazodinamicheskogo generatora i optimal'noe soprotivlenie vneshnei nagruзки/. 01 p0012 A67-10178
- PUSHKOV, N. V.**
Measurements of the magnetic field in the vicinity of the moon by the artificial satellite Luna 10 /Izmereniya magnitnogo polya v okrestnosti lunny na iskusstvennom sputnike Luna-10/. 01 p0150 A67-10909
- PUSTINTSEV, G. N.**
Prediction of turbulent boundary layer development in conical diffusers. 04 p0549 A67-15750
- PUSTOGAROV, A. V.**
Stabilized columns of arcs with axial gas flow. 12 p1975 A67-25751
Spectral investigation of the temperature distribution in the channel of an argon-plasma arc source with axial flow of the working fluid /Spektral'noe issledovanie raspredeleniya temperatury v kanale elektrodugovogo istochnika argonovoi plazmy s oseymy techeniem rabochego tela/. 24 p4196 A67-42219
- PUSTOVALOV, V. V.**
"Confluence" of electromagnetic waves in a cold magnetoactive plasma. 05 p0766 A67-17230
- PUSTOVOIT, V. I.**
Oscillations of the attenuation and velocity of sound waves in semiconductors and metals in the presence of a strong magnetic field. 03 p0501 A67-14370
- PUSTYNNIKOV, V. I.**
Differential equations of elastic equilibrium for a body of revolution of finite length /Differentsial'nye uravneniya uprugogo ravnovesiya dlya tela vrashcheniya konechnoi dliny/. 05 p0916 A67-16226
- PUTEGNAT, J.**
Manned reentry and recovery. [AAS PAPER 67-36] 15 p2571 A67-30108
- PUTLEY, E. H.**
The use of an InSb detector as a mixer at 1 mm. 01 p0036 A67-10440
Hall effect and extrinsic photoconductivity in n-type InSb. 03 p0487 A67-12808
Heterodyne detection of sub-millimetre radiation. 12 p1951 A67-25209
- PUTNAM, D. F.**
Recovery of potable water from human urine in a space cabin simulator with an open cycle air evaporation system. 23 p3969 A67-41631
- PUTTOCK, M. J.**
Instrument for rapid measurement of surface deformations of a 210ft radio telescope. 02 p0229 A67-12069
- PUTZULU, A.**
Experimental investigation of the effects of Mueller's maneuver on tolerance of -G sub z acceleration /Ricerche sperimentali circa gli effetti della manovra di Mueller

- sulla resistenza alle accelerazioni -G sub z/. 12 p1901 A67-25172
- PUYCHEVRIER, N.**
Technologically simple tunnel diodes /Diodes tunnel de technologie simple/. 20 p3396 A67-36490
- PUZYNNIN, I. V.**
Solution of boundary-value problems for second-order nonlinear ordinary differential equations by the stabilization method /Reshenie kraevykh zadach dlya nelineynykh obyknovennykh differentsial'nykh uravnenii vtorogo poriadka metodom stabilizatsii/. 16 p2696 A67-31482
The stabilization method of solving boundary value problems for nonlinear second-order ordinary differential equations. 24 p4177 A67-42196
- PY, B.**
Heat radiation of polished metals /Rayonnement thermique des metaux polis/. 14 p2407 A67-28558
- PYATI, V. P.**
Determination of capacitance in anisotropic media. 03 p0371 A67-13866
Reflection and refraction of electromagnetic waves by a moving dielectric medium. 11 p1820 A67-24909
- PYATT, E. C.**
Transmission of sub-millimetre waves in fog. 02 p0199 A67-12078
- PYATT, K. D.**
Density and temperature of a laser induced plasma. 05 p0852 A67-16654
- PYKE, T. N., JR.**
Time-shared computer systems. 19 p3186 A67-35678
- PYLAIEVA, E. N.**
Study of the phase diagram of titanium-rich alloys of the system Ti-Al /Issledovanie diagrammy ravnovesiya bogatyykh titanom sployv sistemy Ti-Al/. 07 p1204 A67-19267
Study of alloys of the ternary system Ti-Al-V /Issledovanie sployv troinnoi sistemy Ti-Al-V/. 07 p1205 A67-19273
Crystalline structures of some compounds in the Nb-Ni and Ta-Ni systems. 21 p3646 A67-38973
- PYLDMAA, V.**
Role of multiple scattering at twilight /O rol' kratnogo rasseliyeniya v sumerkakh/. 07 p1219 A67-19148
- PYLDMAA, V. K.**
Certain results of twilight atmospheric sounding and of a study of its possibilities. 11 p1785 A67-23957
- PYLE, R. V.**
Cross sections for electron capture by fast protons in H sub 2, He, N sub 2, and Ar. 17 p2889 A67-33227
- PYNKO, V. G.**
Ferromagnetic resonance in thin magnetic films /Ferromagnitnyi rezonans v tonkikh magnitnykh plenkach/. 12 p1981 A67-25241
- PYRKOV, B. E.**
The UVFD-1 flaw detector for the inspection of nonmetallic laminated structures and products. 09 p1502 A67-22096
- PYRON, E. E.**
Hybrid simulation used for developing Gemini rendezvous procedures and for flight crew indoctrination. [AIAA PAPER 67-250] 07 p1166 A67-20068
- PYTEV, I. U. P.**
Five-dimensional relativistic scheme. II /Platimernaya relativistskaya skhema. II/. 04 p0656 A67-14746
- PYTILINSKI, J.**
Relaxation phenomena in rare gases seeded with alkaline substances /Phenomenes de relaxation dans les gaz rares a semente alcaline/. 09 p1542 A67-21815
- PYTTE, A.**
Binary correlations in a stable homogeneous plasma. 13 p2164 A67-26295
A two-temperature theory for a helium arc plasma in a cylindrical duct. 19 p3280 A67-35145

Q

- QUACCHIA, R. H.**
Esterification rates of long-chain hydrocarbon dicarboxylic acids and the steric environment in the vicinity of the acid groups. 04 p0564 A67-14473
- QUACKENBUSH, N. E.**
Carbon yarn reinforcements in an epoxy-anhydride binder. 03 p0452 A67-13405

- QUAGLIATA, L. J.**
Study for a high-frequency electromagnetic angular displacement signal generator. 02 p0220 A67-12224
- QUAIDE, W. L.**
Estimated thickness of a fragmental surface layer of Oceanus Procarrum. 22 p3885 A67-39977
- QUAN, V.**
Solution for a shock wave of bimodal distribution using Bhatnagar-Gross-Krook models. 15 p2470 A67-29226
- QUANDT, R. E.**
An analysis of the randomness of air accidents. 06 p0949 A67-18746
- QUANDT, R. L.**
Environmental and thermal effects on Surveyor vidicon performance. [SMPTE PAPER 102-32] 22 p3807 A67-40373
- QUARANTA, A. A.**
Rise time in solid-state detectors. 11 p1789 A67-24103
Study of transistors' overload in active region operated by large pulses' trains. 17 p2827 A67-32784
- QUARLES, D. A., JR.**
A computer model for global study of the general circulation of the atmosphere. 17 p2843 A67-32466
- QUARMBY, A.**
On the use of the Preston tube in concentric annuli. 06 p0990 A67-18749
An experimental study of turbulent flow through concentric annuli. 13 p2092 A67-26268
- QUASIUS, G.**
Star Trackers and Systems Design. 20 p3481 A67-36136
- QUATE, C. F.**
Continuous deflection of laser beams. 09 p1510 A67-21574
- QUATINETZ, M.**
Studies of tungsten composites containing fibered or reacted additives. 01 p0098 A67-10702
- QUEENEY, P. J.**
The role of digital simulation in advanced avionics system development. 17 p2833 A67-32492
- QUEMADA, D.**
Inverse Faraday effect in a plasma /Effet Faraday inverse dans un plasma/. 10 p1683 A67-22853
Interaction between matter and radiation - Semirelativistic statistical description - Basic equations /Interaction matiere-rayonnement - Description statistique semi-relativiste - Equations fondamentales/. 12 p1966 A67-25146
- QUENBY, J. J.**
The time variations of the cosmic ray intensity. 14 p2380 A67-27965
The compatibility of various interplanetary field models with cosmic ray modulation data. 17 p2938 A67-33188
The interaction of cosmic rays with the solar and terrestrial magnetic fields. 21 p3699 A67-39006
- QUERMANN, T. R.**
The selection of a gyroscopic reference for commercial aircraft. [AIAA PAPER 87-405] 15 p2491 A67-30372
- QUESSETTE, P.**
Automatic control of the second stage of the ELDO launcher /Contrôle automatique du deuxième étage de l'engin ELDO/. 03 p0502 A67-12899
- QUEST, R.**
The tip tank concept - An economic orbital transportation system. 15 p2567 A67-29837
- QUETS, J. M.**
Kinetics of the oxygen-tungsten reaction at high temperatures. 09 p1457 A67-22026
- QUICHAUD, G.**
Principle and development of a DC motor with switching by magnetoresistant elements /Principe et réalisation d'un moteur à courant continu à commutation par éléments magnéto-résistants/. 21 p3571 A67-38225
- QUICK, L. H.**
Megalopolis airport requirements. [AIAA PAPER 86-944] 02 p0230 A67-12279
- QUIGLEY, D. G.**
Effect of exercise on oxygen consumption at decreased pressure. 17 p2806 A67-31963
- QUIGLEY, D. J.**
MTF logistics. 23 p3986 A67-40588
- QUIGLEY, M. J. S.**
A radio study of the North Polar Spur. III. 05 p0903 A67-17292
- QUIGLEY, R. E., JR.**
Development of an internal combustion engine fueled with cryogenic hydrogen and oxygen. [AIAA PAPER 87-421] 18 p2988 A67-33906
- QUINLAN, F. I.**
A parameter optimization procedure for multi-stage vehicles. [AAS PAPER 86-111] 07 p1253 A67-19970
A parameter optimization procedure for multi-stage vehicles. [AAS PAPER 86-111] 13 p2214 A67-27527
- QUINLAN, W. J., JR.**
Effects of electromagnetic radiations on physiologic responses. 10 p1600 A67-23824
- QUINN, A. C.**
Microwave methods for measuring resistivity of gallium arsenide. 12 p1916 A67-25999
- QUINN, B.**
Turbulent decomposition of a laminar wake /Decomposition tourbillonnaire d'un sillage laminaire/. 01 p0053 A67-10943
A destabilizing effect of severe nose bluntness. 22 p3742 A67-40109
- QUINN, E.**
The variation of air density at a height of 220 km in the first half of 1966. 19 p3222 A67-35458
Table of the earth satellites launched in 1966. 20 p3531 A67-36307
- QUINN, M. J.**
The Apollo launch data telemetry system. 02 p0195 A67-11997
- QUINN, R. G.**
Investigation of laboratory plasma instabilities in a dipole magnetic field. 11 p1828 A67-23940
- QUINN, T. P.**
Measurements of electron density in the upper ionosphere by propagation measurements between sections of a high altitude rocket. 10 p1648 A67-23287
- QUINN, W. J.**
Infrared optics for evaluating dynamic mechanical components. [ASME PAPER 87-DE-24] 14 p2328 A67-28873
- QUINTON, PH. P.**
Note on lift augmentation of light aircraft /Note sur l'hypersustentation des avions légers/. 01 p0005 A67-10285
- QUIRK, W. J.**
An operational interactive graphic system. [AIAA PAPER 87-896] 24 p4126 A67-43005
- QUIROLO, C.**
Experimental titanium crossbeam. [SAE PAPER 860647] 01 p0079 A67-10610
- QUIROZ, R. S.**
Note on the semi-annual wind variation in the equatorial stratosphere. 22 p3828 A67-39466
Meteorological rocket observations and research in the Soviet Union. 23 p4025 A67-41447
- QUOZZO, G.**
Critical heating conditions in the reentry of hypersonic gliders. II /Condizioni critiche di riscaldamento nel rientro di veleggiatori ipersonici. II/. 11 p1869 A67-24092

R

- RAAB, B.**
Cobalt-60 as a thermionic fuel for multi-kilowatt applications. 24 p4185 A67-42535
- RAAB, S.**
Spectral investigation of emission inhomogeneities in GaAs injection lasers. 07 p1197 A67-20185
- RAABE, W. A.**
The materials challenge of high-temperature turbine vanes and blades. [ASME PAPER 87-GT-17] 11 p1808 A67-24801
- RAAT, J.**
Rarefaction effects in hypersonic boundary layers. 01 p0007 A67-11182
- RABBE, P.**
Influence of various heat treatments on the fatigue behavior of chromium-molybdenum steels /Influence de différents traitements thermiques sur le comportement à la fatigue d'aciers au chrome-molybdène/. 18 p3065 A67-34258
- RABBENO, G.**
Bases of thermodynamics according to an epistemologist /Le basi della termodinamica secondo un epistemologo/. 16 p2780 A67-31557
- RABE, E.**
Outline of a theory of nonperiodic motions in the neighborhood of the long-period librations about the equilateral points of the restricted problem of three bodies. 06 p1080 A67-17765
Elements of a theory of librational motions in the elliptical restricted problem. 06 p1080 A67-17766
Periodic Trojan orbits in the elliptical restricted problem. 08 p1381 A67-20388
Third-order stability of the long-period Trojan librations. 11 p1866 A67-24774
Existence of four families of commensurability-related periodic Trojan orbits. 11 p1866 A67-24775
Corrected derivation of astronomical constants from the observations of Eros 1928-1945. 23 p4061 A67-40620
The earth plus moon mass and other astronomical constants from the Eros motion 1926-1965. 23 p4061 A67-40621
- RABENDA, M.**
The influence of the number of substitute masses on the accuracy of the determination of the critical velocities of a rotor /Wplyw liczby mas zastępczych na dokładność określenia prędkości krytycznych wirnika/. 21 p3889 A67-37951
- RABENHORST, D. W.**
A simplified passive spacecraft separation system. 09 p1571 A67-22061
- RABENHORST, H.**
A new measurement of the energy gap in superconducting niobium. 23 p4036 A67-40703
- RABINKIN, A. G.**
Superconductivity of Bi-Sn alloy under high pressure. 22 p3857 A67-39460
- RABINOVICH, B. I.**
Variational Flight Regimes of Winged Aircraft and Space Vehicles /Variatsionnye Rezhimy Poleta Krylatykh Letatel'nykh Apparatov/. 04 p0705 A67-15007
- RABINOVICH, I. U. I.**
Some results of measuring the albedo of stratified clouds in the spectral range from 8 to 12 μ /Nekotorye rezultaty izmerenii al'bedo sloistykh oblakov v oblasti spektra 8-12 μ m/. 18 p3073 A67-33559
- RABINOVICH, M. I.**
Method of averaging over steady waves /O metode usredneniya po stacionarnym volnam/. 22 p3815 A67-39761
- RABINOVICH, M. S.**
Excitation of signals in a negatively charged post of an antenna under the influence of an unfocused laser beam. 01 p0091 A67-10835
Use of artificial meteors for laser pumping. 06 p1009 A67-17757
Feasibility of investigating a pinch discharge by using its intrinsic stimulated emission. 08 p1366 A67-21501
Currents produced by light pressure when a laser beam acts on matter. 10 p1864 A67-23333
Optical breakdown "fireball" in the focus of a laser beam. 12 p1952 A67-25336
Radiative acceleration of plasma /Radiatsionnoe uskorenie plazmy/. 17 p2904 A67-32915
Ionization of media and plasma generation by laser emission /Ionizatsiya sred i sozdanie plazmy s pomoshch'yu izlucheniya lazera/. 17 p2904 A67-32917
Investigation of the radiation of a direct self-compressed discharge /pinch/ in the visible and ultraviolet regions. I /Issledovanie izlucheniya priamogo samosvzhatogo razriada /pincha/ v vidimoi i ultrafioletovoi oblastiakh. I/. 17 p2904 A67-32918
Investigation of the radiation of a direct self-compressed discharge /pinch/ in the visible and ultraviolet regions. II /Issledovanie izlucheniya priamogo samosvzhatogo razriada /pincha/ v vidimoi i ultrafioletovoi oblastiakh. II/. 17 p2904 A67-32919
Multiple-photon ionization of atoms and molecules in a strong electromagnetic wave field. 19 p3265 A67-35164
A light spark in magnetic and electromagnetic fields /Svetovala iskra v magnitnom i elektromagnitnom pol'akh/. 19 p3239 A67-35165
- RABINOVICH, R. I.**
Free oscillations of circular plates with loosely clamped edges under large deflections /Svobodnye kolebaniya kruglykh plastinok s zashchemlennopodvizhnymi

- kralami pri bol'shikh
progl'nykh/. 12 p2031 A67-25963
- RABINOWICZ, E.**
Variation of friction and wear of solid
lubricant films with film
thickness. 16 p2683 A67-31751
- RABINOWITZ, P. H.**
Periodic solutions of nonlinear hyperbolic
partial differential
equations. 10 p1674 A67-23387
- RABINSKII, N. L.**
Cantilever-plate design /Raschet
konsol'nykh plastin/. 21 p3724 A67-38781
- RABOTIASHKIN, IU. M.**
Heat release and temperature distribution
in the wall of a square channel during the
passage of a turbulent flow of water or
mercury /Teplootdacha i raspredelenie
temperatury v stenke kvadratnogo kanala pri
turbulentnom techenii vody/. 07 p1265 A67-19126
- Heat transfer and temperature distribution
in the wall of a square duct during the
turbulent flow of water and
mercury. 21 p3731 A67-38170
- RABOTNOV, IU. N.**
The variational equation for steady creep
of shells. 03 p0522 A67-13206
- Compound load machine with automatic
stressed state programming /Mashina na
slozhnoe nagruzenie s avtomaticheskimi
programmirovaniem napriazheniya
sostoiannya/. 06 p1107 A67-18639
- Effect of stress concentration on stress-
rupture strength /Vlianie kontsentratsii
napriazhenii na dlitel'nuiu
prochnost'/. 21 p3717 A67-37970
- RABUKHIN, V. B.**
High-sensitivity indicator of magnetic field
variations, based on the Barkhausen effect
/Vysokochuvstvitel'nyi induktivnyi
differentsial'nyi tenzometr s elektricheskoi
ustanovkoi nulya/. 06 p1002 A67-17941
- Highly sensitive inductive differential
strain gauge with electric zero
adjustment. 18 p3046 A67-33777
- RABY, J. S.**
Trajectory optimization using fast-time
repetitive computation. 19 p3190 A67-36072
- RACHAL, F.**
Molecular helmet
transceiver. 05 p0779 A67-17466
- RACHELE, H.**
Sound-ranging technique for locating
supersonic missiles. 05 p0766 A67-17282
- Real-time meteorological system for firing
of unguided rockets. 13 p2091 A67-27610
- Determination of a representative wind
profile from balloon data. 16 p2668 A67-31742
- Surface wind sampling for unguided
rocket impact prediction. 17 p2880 A67-32551
- RACHINGER, W. A.**
Effects of film geometry on
superconductive
tunneling. 17 p2922 A67-33058
- RACHMAN, A.**
Theory of argon breakdown under the
effect of laser radiation /Theorie du
claquage de l'argon sous l'effet du
rayonnement d'un laser/. 17 p2869 A67-32804
- RACKHAM, T. W.**
A comparison of lunar photography from
space probes and ground-based
observatories. 16 p2671 A67-30990
- Measurements and reductions of relative
lunar altitudes. 18 p3132 A67-34331
- Lunar Orbiter
photographs. 23 p4066 A67-41012
- RACKLEY, R.**
Application of a variational formulation to
nonequilibrium fluid flow. 22 p3788 A67-40422
- RACKLEY, R. L.**
Recent developments in variational
methods for nonequilibrium
flows. 24 p4255 A67-42554
- RACOVEANU, N.**
Analogue multiplier using p-n-junction
capacitance. 14 p2290 A67-28928
- RACZY, L.**
Noise occurring in the radio and
microwave range in semiconductor avalanche
junctions /Sur le bruit presente dans le
domaine hertzien et ultrahertzien par les
jonctions semi-conductrices en
avalanche/. 23 p3980 A67-41189
- RADAVICH, J. F.**
Phase reactions in B-1900 nickel-base alloy
from 1600 to 1800 deg F. 02 p0256 A67-12706
- RADCHENKA, R. V.**
Maximum conductivity of a
multicomponent mixture of ionized gases
/Maksimal'naya provodimost'
mnogokomponentnoi smesi ionizovannykh
gazov/. 07 p1225 A67-19117
- RADCHENKO, R. V.**
Maximum conductivity of a
multicomponent mixture of ionized
gases. 21 p3659 A67-38162
- RADCLIFFE, S. V.**
Effects of hydrostatic pressure on
terminal structure and mechanical behavior
of beryllium. 11 p1805 A67-24110
- Effect of high pressure on a strain gauge
load cell. 17 p2855 A67-32393
- RADEBOLD, R.**
Consequences of a conversion process with
a two-phase material flow /Ueber die
Konsequenzen eines Umwandlungsprozesses
mit einem zweiphasigen
Stoffstrom/. 04 p0559 A67-15965
- Preliminary experiments in the MHD
staustrahlrohr project /Vorlaeufige
experimente zum projekt MHD-
Staustrahlrohr/. 04 p0560 A67-15966
- Energy conversion with liquid metal
working fluids in
MHD-staustrahlrohr. 16 p2604 A67-30572
- RADEMAKERS, A.**
Integrated circuits with evaporated thin
films. 03 p0387 A67-13999
- RADEV, S. P.**
Shock wave in a weakly rarefied gas at
moderate Mach numbers /Udarnaya volna v
slabo razrezhenom gaze pri umerennykh
chislakh Makha/. 24 p4142 A67-42271
- RADHAKRISHNAN, V.**
Tunnelling in a two-band model
superconductor. 09 p1551 A67-21667
- RADICELLA, S. M.**
Satellite scintillation observation during
local summer at low southern geomagnetic
latitudes. 03 p0406 A67-12821
- RADIN, A. M.**
Effect of a bilateral metal grating with
uniformly spaced nonuniform slits on the
radiation from an active plane-parallel layer.
II /Pro vpliv podvinnoi rlvnoperiodnoi
riznoshchlinnoi metalevoi gratki na
viprominuvannya aktivnogo plosko-
paralelnogo sharu. II/. 21 p3638 A67-37865
- RADIN, S.**
Dynamical evolution of a gas with short-
range repulsive forces. 11 p1824 A67-25077
- Collision integral for a plasma in a strong
magnetic field. 15 p2532 A67-30382
- RADIN, S. H.**
Orthogonal polynomial solution of the
Boltzmann equation for a strong shock
wave. 02 p0234 A67-12541
- RADIONOV, V. N.**
Band structure of lead telluride and
measurements of the Hall effect at high
temperatures /O zonnol strukture tellurida
svintsa iz izmerenii efekta Kholla pri
vysokikh temperaturakh/. 12 p1983 A67-25513
- Determination of the band structure of
lead telluride from the measurements of the
Hall effect at high
temperatures. 18 p3103 A67-34444
- RADISSON**
Does variable geometry open the door to
all-purpose aircraft/ques/ /La geometrie
variable ouvre-t-elle la porte a la
polyvalence/ques/. 16 p2597 A67-31539
- RADIX, J.-C.**
Evolution of errors in inertial power
plants /L'evolution des erreurs dans les
centrales a inertie/. 17 p2882 A67-32725
- Inertial navigation /La navigation par
inertie/. 23 p4025 A67-40633
- RADKE, G. E.**
Correlation of dose rate and spectral
measurements in the inner Van Allen
belt. 19 p3313 A67-35189
- RADKOWSKI, P. P.**
Research directions in matrix error
analysis. 06 p1024 A67-18475
- [AIAA PAPER 67-142] The analysis of shells of revolution having
arbitrary stiffness
distributions. 10 p1730 A67-23771
- RADLIFF, M. H.**
Physiological assessment of ventilated wet
suits under different environmental
conditions. 23 p3967 A67-41614
- RADNOFSKY, M. I.**
Space suits. 07 p1137 A67-20271
- RADO, W. G.**
Effects of phonon lifetime on stimulated
optical scattering in
gases. 10 p1662 A67-22758
- The nonlinear third order dielectric
susceptibility coefficients of gases and
optical third harmonic
generation. 21 p3639 A67-38008
- RADOMYSELSKII, I. D.**
Structural cermet materials
/Metallokeramicheskie konstruktivnyye
materialy/. 06 p1015 A67-17842
- RADON, A.**
An electrical thrust meter /Clagomierz
elektryczny/. 22 p3797 A67-39536
- RADOS, R. M.**
The evolution of the Tiros meteorological
satellite operational
system. 02 p0334 A67-12371
- The evolution of the Tiros meteorological
satellite operational
system. 15 p2565 A67-29761
- RADOSKI, H. R.**
Poloidal hydromagnetic plasmaspheric
resonances. 02 p0276 A67-12563
- A note on oscillating field
lines. 07 p1182 A67-19950
- Latitude-dependent plasmasphere
oscillations. 08 p1365 A67-21407
- Introduction to geophysical
magnetohydrodynamic
resonances. 09 p1545 A67-22196
- Highly asymmetric MHD resonances - The
guided poloidal mode. 20 p3502 A67-37427
- Hydromagnetic propagation in a theta-
model geomagnetic tail. 22 p3791 A67-39815
- RADTKE, M.**
On estimation of static and dynamic
parameters of non-linear transfer elements
from step responses. 15 p2463 A67-30331
- RADZHAPOV, T. D.**
Variation of the electrical resistance of
titanium films under argon ion
bombardment. 01 p0129 A67-10099
- RADZIEMSKI, L. J., JR.**
Vacuum ultraviolet wavelength standards
and improved energy levels in the first
spectrum of silicon. 11 p1822 A67-24417
- RADZIEVSKII, I. O.**
Redistribution of aluminum impurities
near a silicon surface during high-
temperature oxidation /Pererozpodi
domishki aluminiiu poblizu poverkhni
kremniia pri vysokotemperaturnomu
okislenii/. 22 p3857 A67-39502
- RADZIEVSKII, V. V.**
Gravitational capture of cosmic dust by
the sun and planets and evolution of the
circumterrestrial cloud. 18 p3119 A67-33863
- RAE, W. H., JR.**
Limits on minimum speed V/STOL wind-
tunnel tests. 13 p2091 A67-27595
- RAE, W. J.**
Effects of mass injection on compressible,
three-dimensional, laminar boundary
layers. 21 p3613 A67-38852
- RAEBURN, A. M.**
I.L.S. far-field and radio environment
monitoring. 07 p1222 A67-19653
- RAEFSKY, M.**
Application of residual stress
measurements in failure analysis and field
inspection. 09 p1502 A67-21772
- [SAE PAPER 670154]
- RAEMER, H.**
Hazards of laser radiation - Mechanisms,
control and management. 10 p1601 A67-23328
- RAENIKE, G.**
Contributions to physical and engineering
problems of barometric altitude
measurements in aviation /Beitraege zu
physikalischen und verfahrenstechnischen
Problemen der barometrischen
Hohenmessung in der
Luftfahrt/. 07 p1190 A67-20289
- Satellite and space vehicle navigation
/Satelliten-und Raumschiffnavigation/. 14 p2347 A67-27878
- RAETHER, H.**
Plasma resonance emission of silver
/Plasmaresonanzstrahlung von
Silber/. 08 p1368 A67-20787
- Surface plasma oscillations as a tool for
surface examinations. 19 p3307 A67-35789
- RAETZEL, W.**
Material processing in microelectronics
with the aid of laser beams
/Materialbearbeitung in der Mikroelektronik
mit Hilfe von
Laserstrahlen/. 15 p2493 A67-29682
- RAEVSKAIA, S. A.**
The problem of verifying the permissible
doses of ionizing radiation for space-vehicle
crews /Problema obosnovaniia dopustimnykh
doz ionizirushchei radiatsii dlia chlenov
ekipazha kosmicheskikh

- korabel'/. 16 p2617 A67-30764
- RAEVSKII, I. I.**
Phase diagram of the niobium-titanium-zirconium system and the superconducting properties of its alloys /Diagramma sostoiannia sistemy niobii-titan-tsirkonii i sverkhprovodiaschle svoistva splavov etoi sistemy/. 09 p1518 A67-22029
- RAFALSON, A. E.**
High-sensitivity radio-frequency mass spectrometer for research on the ionic and neutral composition of the upper atmosphere. 12 p1941 A67-25651
- RAFFO, P. L.**
Mechanical properties of some tantalum alloys. 11 p1810 A67-25091
- RAFFY, J.**
On the dynamics of laser-induced damage in glasses. 02 p0253 A67-12508
- RAFTOPOULOS, D.**
Plastic deformation of cylindrical missiles in impact. 22 p3914 A67-40182
- RAGA, F.**
Luminescence of CdS at low temperature excited by very high intensity light /laser/. 10 p1667 A67-23779
- RAGA, G. L.**
Channel noise - A limiting factor on the performance of a class of adaptive techniques. 02 p0197 A67-12016
- Wideband video data transmission. 09 p1460 A67-21583
- RAGALLER, K.**
Study on a supersonic plasma jet with axial current. 19 p3288 A67-35363
- RAGER, J.-P.**
Calculation of the conductivity of a plasma accelerated by progressive waves /Sur le calcul de la conductivite d'un plasma accelere par ondes progressives/. [ONERA-TP-424] 02 p0279 A67-12794
- On the determination of current densities in plasma accelerated by traveling waves /Sur la determination des densites de courant dans un plasma accelere par ondes progressives/. [ONERA-TP-472] 14 p2359 A67-28509
- RAGHAVAN, S.**
Depletion of solar radiation by particulate matter in the atmosphere - A study with special reference to New Delhi. 10 p1700 A67-23086
- RAGIMKHANOV, R. K.**
Definition of the concept of a solution for an integral equation with a discontinuous operator /K voprosu ob opredelenii poniatia reshenia integral'nogo uravnenia s razryvnym operatorom/. 05 p0835 A67-16938
- RAGIMOV, F. IA.**
Fabry-Perot interferometer with an electromechanical scanning system /Interferometr Fabri-Pero s elektromekhanicheskoi sistemoi skanirovaniia/. 22 p3809 A67-40416
- RAGLAND, K. W.**
Piezoelectric pressure transducer with acoustic absorbing rod. 16 p2677 A67-31427
- RAGO, G.**
A parallel-plate system for microwave testing /Un sistema a piatti paralleli per esperienze a microonde/. 18 p3002 A67-34224
- RAGONE, D. V.**
Local stress measurement using the thermoelastic effect. 18 p3141 A67-33887
- RAGOT**
Solar-sensor system for the D-2 satellite /Le systeme de senseurs solaires pour le satellite D-2/. 21 p3629 A67-38666
- RAGOTZKIE, R. A.**
Double bolometer measurements of the effects of atmospheric radiators. 01 p0108 A67-10315
- RAGSAC, R.**
Rankine cycle powerplant characteristics for electric propulsion manned Mars mission. [AIAA PAPER 66-894] 03 p0504 A67-14274
- Rankine cycle powerplant characteristics for electric propulsion manned Mars mission. 22 p3869 A67-40173
- RAGSAC, R. V.**
Study of electric propulsion for manned Mars missions. 11 p1859 A67-24342
- Application of combined high- and low-thrust propulsion systems to planetary missions. 20 p3533 A67-37125
- RAGSDALE, R. G.**
Gas-core reactor work at NASA/Lewis. [AIAA PAPER 67-499] 18 p3076 A67-33963
- RAHILY, J. P.**
Ground and satellite telecommunications networks for global information systems. [AIAA PAPER 66-331] 06 p0961 A67-17700
- RF design of communication-satellite earth stations. I. 14 p2273 A67-28798
- RF design of communication-satellite earth stations. II. 16 p2635 A67-30473
- RF design of communication-satellite earth stations. III. 18 p3003 A67-34349
- RAHLMANN, D. F.**
Chronic intravascular catheterization - A technique for implanting and maintaining arterial and venous catheters in laboratory primates. 10 p1601 A67-23627
- RAHMATULLAH, M.**
Fluctuations in stratospheric and mesospheric winds at Sonmiani during the IQSY. 19 p3217 A67-35207
- Quasi-biennial oscillation and atmospheric structure in the stratosphere and mesosphere. 19 p3220 A67-35272
- RAI, D. B.**
Effective recombination coefficient in the D region. 06 p0995 A67-18073
- Effect of meteoric dust on the effective recombination coefficient in the lower ionosphere. 06 p0995 A67-18074
- RAIBMAN, N. S.**
Identification of nonlinear controlled plants with dispersion. 15 p2462 A67-30324
- RAICHENKO, L. V.**
Study of the temporal variations of the nuclear flux of primary cosmic radiation on the satellites Elektron 2 and 4 /Issledovanie vremennykh izmenenii potoka lader pervichnogo kosmicheskogo izlucheniia na sputnikakh Elektron-2 i Elektron-4/. 05 p0877 A67-16085
- Present status of the problem of the generation of solar cosmic rays /Sovremennoe sostoianie voprosa o generatsii solnechnykh kosmicheskikh luchei/. 17 p2934 A67-32095
- Investigation of time variations of the flux of nuclei in primary cosmic radiation with the aid of Elektron II and Elektron IV. 24 p4212 A67-42761
- RAICHENKO, T. F.**
Change in the phase composition of slag during alloying of stainless steel with titanium /Izmenenie fazovogo sostava shlakov pri legirovanii nerzhavelushcheli stali titanom/. 16 p2887 A67-30842
- RAIFORD, D.**
Non-linear response of a penning ionization gauge discharge to applied very high frequency signals. 19 p3275 A67-35110
- RAIKHBAUM, I. M.**
Investigations of the neutron component of cosmic rays at atmospheric depths from 260 to 315 mb /Issledovaniia neitronnoi komponenty kosmicheskikh luchei na glubinaakh atmosfery 260 - 315 mbar/. 23 p4057 A67-41119
- RAILLARD, H.**
Coherent amplification characteristics of GaAs phased array. 22 p3813 A67-39254
- RAILLY, J. W.**
An investigation of the flow through tandem cascades. 12 p1891 A67-25349
- Design of mixed flow cascades by Ackeret's method. 23 p3927 A67-40726
- RAIMONDI, E. J.**
Development of a nucleonic oil quantity gaging system. 05 p0842 A67-16538
- RAIMONDI, T.**
Introduction to automatics /Introduzione all' automatica/. 17 p2830 A67-32788
- RAINAL, A. J.**
Duration of fades associated with radar clutter. 03 p0368 A67-13168
- Axis-crossing intervals of sine wave plus noise. 24 p4122 A67-42343
- RAINBIRD, W. J.**
Some examples of separation in three-dimensional flows. 05 p0747 A67-16293
- RAINE, P. S.**
A solid propellant motor for the third stage of a satellite launcher. 10 p1698 A67-23483
- The effect of system requirements on ballistic and hardware design. 15 p2548 A67-30000
- RAINVILLE, L. P.**
Radar observations of Venus at 3.8-cm wavelength. 05 p0889 A67-16298
- RAIS, L.**
Realization and application of some high-speed circuits with semiconductor detectors /Realisation et application de quelques circuits rapides associes a des detecteurs a semiconducteur/. 01 p0066 A67-10654
- RAITHBY, G. D.**
Energy transfer studies in a wall-stabilized, cascaded arc. 19 p3279 A67-35141
- RAITHEL, W.**
The possibility of direct TV reception from satellites /Die Moeglichkeiten des direkten Fernsehempfangs von Satelliten/. 13 p2066 A67-26336
- RAITHERL, K.**
Forward characteristics of thyristors in the fired state. 03 p0380 A67-13482
- RAIZADA, R. S.**
Steady flow in thin passages. 14 p2302 A67-28264
- Linear dynamic properties of fluid transmission lines. 14 p2247 A67-28265
- RAIZER, IU. P.**
Destruction of transparent materials by laser radiation - Formation of gas bubbles and wedging of the material by gas pressure. 09 p1516 A67-22660
- Evaluation of the coefficient of dissociative recombination in the lower ionosphere. 14 p2306 A67-27858
- RAIZER, M. D.**
Certain nonlinear effects in a collisionless plasma and possible perspectives of their application /O nekotorykh nelineynykh effektakh v besstolknovitel'noi plazme i vozmozhnykh perspektivakh ikh ispol'zovaniia/. 17 p2905 A67-32920
- Acceleration of particles in the interaction of high-frequency fields with plasmas /Uskoreniye chastits pri vzaimodelstvii vysokochastotnykh polei s plazmoi/. 17 p2905 A67-32922
- RAJA RAO, K. S.**
Sunspot cycle and seasonal variations in the position and intensity of the equatorial electrojet in the Indian region. 15 p2478 A67-30061
- RAJAN, R. S.**
Tracks of cosmic rays in plastics. 06 p1076 A67-17641
- On the pre-atmospheric size and maximum space erosion rate of the Patwar stony-iron meteorite. 09 p1570 A67-22690
- Nuclear effects of "solar" and "galactic" cosmic-ray particles in near-surface regions of meteorites. 24 p4210 A67-42634
- RAJAPPA, N.**
Synchronous equatorial satellites. 02 p0327 A67-12370
- Satellites in the gravitational field of the moon. 08 p1396 A67-21178
- The geomagnetic cavity and the van Allen radiation belts. II. 17 p2938 A67-33207
- RAJARATNAM, N.**
Boundary shear stress in turbulent boundary layers on smooth boundaries. 06 p0990 A67-18751
- Plane turbulent free jet and wall jet. 20 p3360 A67-37492
- RAJPUT, J. S.**
On the specific heat anomaly in superconducting lead. 04 p0676 A67-14934
- RAJU, A. P.**
Strength of biaxially prestressed ceramic plates after nonuniform heating. 20 p3538 A67-36778
- RAJU, M. R.**
Fluctuations of energy loss in semiconductor detectors. 03 p0491 A67-13224
- RAKESTRAW, R. W.**
On the calculation of penetration aids ejection velocities using downrange radar and optical data. [AIAA PAPER 66-405] 05 p0902 A67-17209
- RAKHIMBABAEV, IA. R.**
Diffusion of a collisionless potassium plasma across a magnetic field during drift instability /Diffuziia besstolknovitel'noi kallevoi plazmy poperek magnitnogo polia pri dreifovoi neustoiichivosti/. 14 p2363 A67-29067
- RAKHIMOV, A. T.**
Magnetohydrodynamics of flows in MHD ducts /Magnitnaya gidrodinamika potokov v MGD kanalakh/. 09 p1541 A67-21797
- Measuring the electron temperature of a powerful pulsed discharge. 22 p3852 A67-39991
- RAKHIMOV, A. U.**
Effect of capture centers on the current-voltage characteristic of p-n diodes /Vliianie tsentrov prilipaniia na p-n diodov/. 16 p2635 A67-30471
- RAKHIMOV, G. R.**
Lower-order harmonic oscillations in tunnel-diode electric circuits /Nizshie garmonicheskie kolebaniia v elektricheskikh

- tselakh s tunnel'nyml
diolami/. 11 p1768 A87-24858
- Broadening the passband of tank circuits
/Rasshirenie polosy propuskaniia
kolebatel'nykh konturov/. 13 p2071 A87-27277
- Determination of the initial conditions for
the excitation of lower harmonic oscillations
/Opredelenie nachal'nykh uslovi
vozbuzhdeniia nizshikh harmonicheskikh
kolebani/. 24 p4189 A87-42418
- RAKHIMOV, R. R.**
Energy distribution of the electrons
emitted from alkali halide films under
bombardment with He super plus and Ar
super plus ions. 13 p2177 A87-27074
- RAKHIMZHANOV, B. K.**
Dependence of the compressive strength
of metal-ceramic nickel/aluminum oxide
alloys on the grain size of the nickel matrix
/Zavisimost' soprotivleniia szhatiia
metallokeramicheskikh splovov nikel'-okis'
aluminia ot velichiny zerna nikel'evoi
matritsy/. 17 p2871 A87-31924
- RAKHMAN-ZADE, A. Z.**
Thermal Effects and Cutting Machinability
of Aircraft Materials /Teplovye Iavleniia i
Obrabatyvaimost' Rezanem Aviatsonnykh
Materialov/. 03 p0427 A87-13190
- Thermal effects in superhigh-speed cutting
of deformable aluminum alloys /Teplovye
iavleniia pri sverkhskorostnom rezanii
deformiruemykh alluminievykh
splovov/. 03 p0428 A87-13197
- RAKHMANOV, P. A.**
Study of the reflection of elastoplastic
waves from flexible plates situated in a
resisting medium /Issledovanie otrazheniia
uprugo-plasticheskikh voln v gibkikh
plastinakh, nakhodiaschikhsia v
soprotivlialushchiesia
srede/. 05 p0919 A87-16495
- RAKHMATULIN, KH. A.**
Strength under high transient
loads. 04 p0715 A87-15617
- RAKHOVICH, L. M.**
Terminology in the theory of phase-
difference modulation /O terminologii v
teorii fazoraznostnoi
modulatsii/. 01 p0025 A87-10830
- Terminology in the theory of phase-shift
modulation. 10 p1607 A87-23460
- RAKHSHTADT, A. G.**
Properties of alloyed Ni-Be
alloys. 15 p2504 A87-29974
- RAKHUBOVSKII, V. A.**
Analysis of a multistable-state cryotron
memory circuit /Analiz kriotronnoi
zapam'latovuluchoi skhemi z bagat'ma
stilkimi stanami/. 06 p0966 A87-18242
- RAKICH, J. V.**
Three-dimensional flow calculation by the
method of characteristics. 21 p3568 A87-38887
- RAKIN, V. G.**
Relation between the structure and
superconductivity parameters of the alloy of
zirconium with 4 per cent
niobium. 10 p1689 A87-23090
- RAKITIN, D. F.**
New assembly for the study of powerful
interactions of 100 to 1000 Bev at a Tyan-
Shan high-altitude station - Preliminary
results /Novaia ustanovka dlia issledovaniia
sil'nykh vzaimodelstvi pri energiiakh 100-
1000 Bev na Tian-Shan'skoi vyzokogornoi
stantsii - Pervye
rezul'taty/. 02 p0248 A87-12746
- RAKITIN, V. V.**
Study of the dynamics of the operation of
a system of pulsed potential elements
operating on tunnel diodes /Issledovanie
dinamiki raboty sistem
impul'snopotentsial'nykh elementov na
tunnel'nykh diodakh/. 05 p0772 A87-16451
- RAKIVNENKO, V. N.**
Bending of a circular plate with two
square holes /Izhib krugloi platiny s dvumia
kvadratnymi
otverstiami/. 05 p0916 A87-16225
- RAKOS, K. D.**
The atmospheric pressure at the surface
of Mars. 18 p3124 A87-34155
- RAKOV, A. V.**
Study of the temperature dependence of
the contours of the exciton bands of
polycrystalline cadmium sulfide films
/Issledovanie temperaturnoi zavisimosti
konturov eksitonnykh polos
polikristallicheskikh plenok sulfida
kadmiia/. 14 p2372 A87-28852
- RAKOV, M. A.**
Frequency doublers based on switching
phase detectors /Preobrazovatel' chastoty v
dva raza na osnove kluchevykh fazovykh
detektorov/. 22 p3762 A87-39872
- RAKOWSKY, E. L.**
Fluid vortex phenomena in fluidic
applications. 06 p0982 A87-17719
- A jet driven fluoric
oscillator. 14 p2251 A87-28344
- RAKOWSKY, F. W.**
Hydrocarbon ignition in the presence of
metal oxides. 14 p2407 A87-28550
- RALL, D. L.**
Heat flux measurement with narrow view
angle radiometers. 01 p0069 A87-11021
- RALPH, B.**
Field-ion microscopy of titanium
carbide. 21 p3645 A87-38093
- RALPH, E. L.**
Performance of very thin silicon solar
cells. 23 p3937 A87-41489
- Status of lithium-doped p super plus /n
solar cells. 23 p3942 A87-41528
- Radiation damage to thin silicon solar
cells. 24 p4105 A87-42513
- RALPH, J. C.**
Auxiliary ionization methods for closed-
cycle MHD generators. 09 p1443 A87-21810
- Atmospheric pressure discharges in inert
gases seeded with alkali metal
vapour. 16 p2709 A87-30513
- MHD power generation experiments using
seeded inert gases. 16 p2601 A87-30548
- RALSTON, A.**
Rational Chebyshev
approximation. 09 p1469 A87-22053
- RAM, S.**
Nonlinear demodulation of an amplitude-
modulated electromagnetic wave in a
plasma. 20 p3499 A87-36992
- RAMA RAU, Y. N.**
Admittance of the fat cylindrical antenna -
Experimental study. 15 p2454 A87-30137
- RAMA SUBBA REDDY, G.**
Film cooling employing angular
injection. 14 p2408 A87-28816
- RAMACHANDRA RAO, B.**
Lunar variations of the critical frequencies
of the F sub 2 layer at
Waltair. 01 p0060 A87-11232
- Effect of magnetic activity on horizontal
drifts in the E-region at a low latitude
station. 03 p0413 A87-13684
- Determination of base spreading resistance
and junction temperature of uniform-base
junction transistors. 04 p0582 A87-15098
- RAMACHANDRA RAO, D.**
Absolute frequency measurement and
spectroscopy of gas laser transitions in the
far infrared. 11 p1802 A87-24830
- Absolute frequency measurement of the
190 mu and 194 mu gas laser
transitions. 16 p2685 A87-30824
- RAMACHANDRA, S. M.**
Fan system of the 14' x 9' open circuit
wind tunnel of the Indian Institute of
Science. 03 p0397 A87-14104
- RAMACHANDRAN, A.**
Correlation of isothermal pressure drop in
rectangular ducts. 10 p1827 A87-23555
- Frictional pressure drop in laminar and
turbulent flow in isosceles-triangular ducts.
[ASME PAPER 67-FE-18] 14 p2243 A87-28365
- RAMADURAI, S.**
He super 3 nuclei in the low energy
primary cosmic radiation. 12 p1993 A87-25479
- The effect of ionisation loss on the energy
spectra of cosmic ray nuclei undergoing
Fermi acceleration. 17 p2930 A87-32041
- He super 3 /He super 3 plus He super 4/
ratios in cosmic rays, path lengths in space,
and energy spectrum of helium nuclei in
local interstellar space. 20 p3518 A87-37088
- RAMAKRISHNA, K. V.**
Prediction of the lunar thermal
environment. 22 p3884 A87-39930
- RAMAKRISHNAN, S.**
Ionospheric studies from beacon satellite
observations at
Ahmedabad. 10 p1641 A87-23235
- RAMAMURTHY**
The human factor in high altitude
flying. 12 p1903 A87-26164
- RAMAN, A.**
Structural study of niobium-iron
alloys. 17 p2871 A87-32042
- RAMANADHAM, R.**
The radiative cooling of the atmosphere at
coastal and continental
stations. 13 p2150 A87-26419
- RAMANATHAN, K. R.**
Attenuation of galactic radio noise at 25
MHz and 21.3 MHz in the ionosphere over
Ahmedabad during
1957-1964. 11 p1784 A87-23934
- Field strengths of 164 kHz radio-waves
received at Ahmedabad from Tashkent in
1960-65 and effect of solar X-ray
emissions. 23 p4051 A87-40915
- RAMANATHAN, S.**
The design and construction of a pure
fluid four bit binary
comparator. 08 p1283 A87-20474
- RAMANUJARAO, K.**
Study of the neutral upper atmosphere
winds near the equator. 12 p1934 A87-25790
- RAMATY, R.**
The influence of the ionized medium on
synchrotron emission spectra in the solar
corona. 08 p1402 A87-21464
- On the origin of solar flare microwave
radio bursts. 20 p3519 A87-37101
- The influence of geomagnetic shielding on
C super 14 production and
content. 21 p3620 A87-38981
- RAMAZANOVA, G. S.**
The effect of a longitudinal magnetic field
on the inversion population of the lower
levels of Ar II in a capillary arc
discharge. 24 p4196 A87-42244
- Inversion of population of the 4s and 4p
states of Ar II in a stationary arc
discharge. 24 p4196 A87-42245
- RAMAZANZADE, A. M.**
About a group of three component
compounds being analogous to binary
semiconductors of the A super III B super
VI type. 21 p3687 A87-39144
- RAMAZASHVILI, R. R.**
On the theory of transport phenomena in
a weakly turbulent
plasma. 19 p3286 A87-35351
- RAMBERG, E. G.**
The hologram - Properties and
applications. 06 p1003 A87-18105
- Lasers and holograms. 07 p1183 A87-19092
- RAMBOZ, J. D.**
A treatise concerning the measurement of
accelerometer transverse sensitivity
ratio. 12 p1943 A87-25703
- RAMDOHR, P.**
The fusion crust of meteorites /Die
Schmelzkruste der
Meteoriten/. 16 p2750 A87-31437
- Chromite and chromite chondrules in
meteorites. I. 24 p4236 A87-42642
- RAMEY, R. L.**
Skin friction balance components for
hostile environments. 22 p3795 A87-39188
- RAMINEZ PARDO, P. R.**
Measurements of the earth's total
magnetic field at heights of 1000 km in the
Brazilian anomaly. 12 p1933 A87-25777
- RAMIREZ-MARTINEZ, J. R.**
Determination of soil phosphatase activity
by a fluorimetric
technique. 14 p2254 A87-28067
- Some factors influencing the
determination of phosphatase activity in
native soils and in soils sterilized by
irradiation. 18 p2991 A87-33660
- RAMIREZ, P. JR.**
The application of modular concepts for
electric propulsion power conditioning.
[AIAA PAPER 66-501] 02 p0302 A87-11516
- The design of modular high frequency DC-
DC converters for spacecraft power
systems. 02 p0183 A87-12181
- A contact ion microthruster system.
[AIAA PAPER 67-80] 07 p1240 A87-19435
- RAMISHVILI, N. M.**
New method of obtaining high-resolution
holograms. 18 p3053 A87-34620
- RAMKOVA, N. V.**
Methods for spacecraft
sterilization. 15 p2430 A87-29100
- RAMM, D.**
Shock-wave-generated plasmas as light
sources for optical
pumping. 08 p1338 A87-21291
- RAMONT, R. L.**
Digital systems. 05 p0784 A87-17037
- RAMPACEK, J.**
Safety monitoring instrumentation for the
lunar module internal environment
simulator. 23 p3969 A87-41640
- RAMSAY, J. F.**
Lambda functions describe
antenna/diffraction
patterns. 16 p2635 A87-30474
- RAMSAY, J. V.**
Construction of single-mode D.C. operated
He/Ne lasers. 04 p0631 A87-14763

- RAMSAY, W.**
Infrared-line emission from planetary nebulae. 24 p4223 A67-41811
- RAMSAY, W. A.**
The development of major air terminal buildings at Canadian airports. 22 p3779 A67-39377
- RAMSDEN, A. R.**
Kamacite and taenite superstructures and a metastable tetragonal phase in iron meteorites. 03 p0510 A67-13334
- RAMSDEN, G. R.**
The use of a rocket exhaust flame to assess materials for re-entry vehicles. 10 p1698 A67-23480
- RAMSDEN, S. A.**
Plasma production by laser beam irradiation of a single solid particle. 20 p3496 A67-36212
Evidence for a thermonuclear reaction in a delta-pinch plasma from the scattering of a ruby laser beam. 22 p3843 A67-39244
- RAMSEY, B. A.**
Latitudinal effects on satellite scintillations. [AFCRL-66-864] 03 p0406 A67-12820
- RAMSEY, C. L.**
Structural fasteners for extreme temperature utilization. 24 p4160 A67-42078
- RAMSEY, H. E.**
Flare positions relative to photospheric magnetic fields. 23 p4060 A67-41231
- RAMSEY, J. B.**
Solar absorptance and thermal emittance of aluminum coated with surface films of evaporated aluminum oxide. [AIAA PAPER 65-656] 03 p0448 A67-13036
- RAMSEY, J. H.**
Stresses in a layered rotating disk. 01 p0080 A67-10777
- RAMSEY, T. H.**
A process for ceramic dielectric isolation for integrated circuits. 12 p1916 A67-25997
- RAMU, I.**
Describing function for two non-linearities separated by a high-pass filter. 11 p1760 A67-24275
- RANALLI, R.**
Computer studies of abnormally operating circuits. 01 p0031 A67-11337
- RANCITELLI, L.**
Potassium - Argon dating of iron meteorites. 08 p1400 A67-21265
- RAND, S.**
Plasma thermal conductivity with collective effects. 03 p0484 A67-14039
Radar return from vehicles in the ionosphere. 14 p2261 A67-28125
Nonlinear Landau damping in the random phase approximation. 22 p3848 A67-39691
- RANDA, G. C.**
Flight-computer hardware trends. 11 p1755 A67-24247
- RANDALL, C. M.**
Metal mesh interference filters for the far infrared. 19 p3262 A67-35686
- RANDALL, D.**
Simultaneous probing of the atmosphere by radar and meteorological sensors. 04 p0570 A67-14685
- RANDALL, D. G.**
Oscillating slender wings with leading-edge separation. 03 p0352 A67-13894
- RANDALL, J. L.**
How good are lasers for deep-space communications/ques/. 11 p1752 A67-24252
- RANDALL, L. N.**
Some experimental results in precise measurement of unsteady fluid flow using a unique flow sensor. 03 p0422 A67-13775
- RANDALL, R. L.**
Vibrophonocardiograph investigation and development study. 23 p3970 A67-41681
- RANDIG, G.**
Terrain backscattering characteristics at low grazing angles for X-and S-band. 05 p0768 A67-17527
- RANDLETT, M. R.**
Face-centered-cubic tungsten films obtained by ion beam sputtering. 07 p1232 A67-19557
Face-centred cubic modification in sputtered films of tantalum, molybdenum, tungsten, rhenium, hafnium and zirconium. 21 p3877 A67-38091
Influence of a superimposed film on the electrical conductivity of thin metal films. 23 p4039 A67-40879
- RANDOLPH, C. L., JR.**
Value of routine X-ray examination of the abdomen during aeromedical evaluation. 10 p1601 A67-23828
A seven year follow-up X-ray survey for bone changes in low pressure chamber operators. 23 p3957 A67-41641
- RANE, D. S.**
A simplified transformation to /phase-variable/ canonical form. 01 p0047 A67-11222
- RANEY, J. P.**
An experimental and analytical study of vibrations of joined shells. [AIAA PAPER 67-72] 06 p1104 A67-18496
Analyses of longitudinal dynamics of launch vehicles with application to a 1/10-scale Saturn V model. 10 p1713 A67-23749
Experimental and analytical study of vibrations of joined shells. [AIAA PAPER 67-72] 12 p2030 A67-25916
- RANFAGNI, A.**
Spherical dipole for the Italian San Marco satellite. 17 p2826 A67-32780
- RANG, E. R.**
A comment on closed-loop optimal guidance systems. 01 p0111 A67-11224
- RANGANATHAN, S.**
Computer-simulated ion-emission images of dislocations - Screw dislocation at the center of /420/. 19 p3266 A67-35603
- RANGASWAMY, S.**
Geomagnetic and solar control of ionization at 1000 km. 10 p1650 A67-23339
- RANGER, K. B.**
The perturbation of some two-dimensional viscous flows in a finite region. 08 p1319 A67-20352
Flow due to a point source of momentum in a viscous fluid contained in a sphere. 09 p1487 A67-21665
Some integral relations for solutions of Laplace's equation. 11 p1812 A67-24310
Incompressible viscous flow in a two dimensional channel under a transverse magnetic field. 12 p1977 A67-26180
- RANICS, M.**
The thermal stability of ammonium perchlorate-lithium perchlorate mixture - The role of eutectic formation. 07 p1239 A67-19078
- RANIECKI, B.**
Stresses in an elastoplastic sphere with a spherical cavity situated in a variable temperature field /Naprezenie w sprężysto-plastycznej kuli z pustką kulistą znajdującą się w zmiennym polu temperatur/. 10 p1716 A67-22940
Study of the influence of the heat-transfer coefficient on the final stress state in an elasto-plastic sphere subjected to a cooling process /Badanie wpływu współczynnika przenikania ciepła na końcowy stan napreżenia w sprężysto-plastycznej kuli poddanej procesowi chłodzenia/. 19 p3340 A67-35510
- RANK, D. H.**
Performance of a vibrational H sub 2 - Stokes oscillator. 02 p0253 A67-12516
- RANK, D. M.**
Airborne investigations of clear air turbulence with laser radars. 04 p0650 A67-15304
- RANKEN, W. A.**
Optimization of a thermionic diode. 09 p1448 A67-22336
- RANKIN, J. M., JR.**
Superheating of linear high polymers - Polytetrafluoroethylene. 04 p0641 A67-14528
- RANKIS, G. ZH.**
Basic factors affecting the radiation patterns of dielectric antennas. 22 p3770 A67-39656
- RANNELLS, D. C.**
Telemetry transmitters using solid-state wideband microwave voltage-controlled oscillators. 11 p1753 A67-24442
- RANSOM, C. J.**
Anomalous transport phenomena in a ring discharge. [AROD-6398-2] 11 p1831 A67-24010
- RANSOM, D. G.**
Apollo metrology program. 05 p0814 A67-17263
- RANSOM, P. L.**
Aspects of microwave holography. 21 p3626 A67-38063
- RANZI, I.**
Effects of propagation on the measurements of distance, angle of arrival and Doppler effect in earth-space links. 14 p2264 A67-28400
- RAO, A. R.**
Problems encountered in the integration of a 100 MHz counting circuit. 14 p2280 A67-28012
- RAO, B. R.**
The direction of movement of F2 region perturbations. 18 p3043 A67-34526
- RAO, B. S.**
A general equation for the suppressor controlled transconductance of a pentode. 16 p2635 A67-30794
Extending the range of a frequency-modulated altimeter. 16 p2676 A67-31274
- RAO, D. R. K.**
Sunspot cycle and seasonal variations in the position and intensity of the equatorial electrojet in the Indian region. 15 p2478 A67-30061
- RAO, G. K.**
Estimation of the energy of the primary and C.M.S. velocity of jets by various methods. 23 p4051 A67-40913
- RAO, G. N. V.**
The law of the wall in a thick axisymmetric turbulent boundary layer. 10 p1629 A67-23847
- RAO, K. N.**
Sunspot cycle and seasonal variations in the position and intensity of the equatorial electrojet in the Indian region. 15 p2478 A67-30061
- RAO, K. R.**
A generalized analysis of an MHD generator. 13 p2055 A67-26417
Two-dimensional analysis of a rectangular channel MHD generator. 15 p2422 A67-29906
- RAO, K. S. C.**
Bang-bang manipulation of non-fuel parameters in optimal attitude control. 22 p3897 A67-39155
- RAO, K. V.**
Thermal conductivity of dysprosium between 1 deg and 4 deg K. 06 p1048 A67-17821
- RAO, M. N.**
Fission and spallation xenon in meteorites. 24 p4238 A67-42886
- RAO, M. S. V.**
Results of meteorological rocket soundings at an equatorial station. 12 p1935 A67-25791
Results of meteorological rocket experiments at Thumba. 13 p2117 A67-27611
- RAO, N. K.**
Determination of the flux of primary cosmic ray hydrogen and helium nuclei near the geomagnetic equator using nuclear emulsions. III. 10 p1703 A67-23543
- RAO, P.**
Defects in neutron irradiated molybdenum. 17 p2872 A67-32740
- RAO, P. B.**
Motion of a viscous fluid through a tube subjected to a series of longitudinal pulses. 18 p3029 A67-34615
- RAO, P. V.**
Neutron reaction cross sections of selenium and iron at 14.4 mev. 11 p1822 A67-23979
Gamma decay of Se super 73m, g and Se super 81m, g isomeric pairs. 11 p1822 A67-23980
- RAO, S.-S.**
Asymptotic solution of oblique waves in inhomogeneous vertically magnetized plasma. 14 p2361 A67-28922
- RAO, U. R.**
Recurrent Forbush decreases associated with M-region magnetic storms. 01 p0145 A67-10919
Pioneer VI detector to measure degree of anisotropy of cosmic radiation in energy range 7.5-90 MEV/nucleon. 09 p1500 A67-22427
A digital system for accurate time sector division of a spin-stabilized vehicle. 11 p1870 A67-24441
The Interplanetary medium. 12 p2009 A67-26173
Pioneer VI observations of the solar flare particle event of 7 July, 1966. 19 p3314 A67-35270
Cosmic-ray propagation processes. 22 p3871 A67-39796
Cosmic-ray propagation processes. 22 p3871 A67-39797
Cosmic-ray propagation processes. 22 p3871 A67-39798
- RAO, Y. P.**
Mean meridional circulation and large-scale eddies. 22 p3828 A67-39326
- RAOULT, J. C.**
Stabilized platform for stratospheric balloons. 22 p3830 A67-39184

- RAPER, O. F.**
Reaction of O/super 1 D/ with methane.
[JPL-TR-32-1109] 14 p2259 A67-28297
- RAPHAEEL, G.**
Specific heat and magnetic susceptibility of dilute solid solutions of yttrium-gadolinium /Chaleur spécifique et susceptibilité magnétique des solutions solides diluées
d'yttrium-gadolinium/. 08 p1369 A67-20870
- RAPHAEL, C.**
Meteoroids and measurements.
[AIAA PAPER 67-152] 06 p1085 A67-18291
Variable-adhesive bonded joints. 09 p1577 A67-22504
There are no all-purpose spacecraft.
[AIAA PAPER 67-635] 20 p3534 A67-37620
- RAPOPORT, I. D.**
Amplitude recording of pulses and logarithmic amplitude conversion in a dynamic range of 10 super 4 to 10 super 5. 01 p0062 A67-10160
Logarithmic conversion of pulse amplitudes into numbers in a large dynamic range /Logarifmicheskoe preobrazovanie amplitudy impul'sov v chislo v bol'shom dinamicheskom diapazone/. 02 p0221 A67-12419
Measurement of the effective cross section of the inelastic interaction of protons with carbon nuclei at energy levels of 10 super 10 to 10 super 12 ev by the Proton-1 satellite /Izmereniya effektivnykh sechenii neuprugogo vzaimodeistviya protonov s ladrami ugleroda pri energiyakh 10 super 10 -10 super 12 ev na isz Proton-1/. 02 p0315 A67-12757
Absorption of the energy flux of the nuclear component in iron /Pogloshchenie potoka energii ladernoi komponenty v zheleze/. 02 p0318 A67-12762
Measurement of the energy spectrum of primary cosmic rays in the energy range from 10 super 10 to 10 super 14 ev with the aid of the satellite Proton 1 /Izmereniye energeticheskogo spektra pervichnykh kosmicheskikh luchel v oblasti energii 10 super 10-10 super 14 ev s pomoshch'yu ISZ Proton-1/. 05 p0877 A67-16086
Study of the chemical composition of primary cosmic rays in the moderate-energy range with the aid of the satellite Proton 1 /Izucheniye khimicheskogo sostava pervichnykh kosmicheskikh luchel v oblasti umerennykh energii na ISZ Proton-1/. 05 p0877 A67-16087
Study of high-energy electrons with the aid of the satellites Proton 1 and 2 /Izucheniye elektronov vysokoi energii na ISZ Proton-1 i Proton-2/. 05 p0878 A67-16091
Proton-2 earth satellite study of the nuclear component of primary cosmic rays /Izucheniye ladernoi komponenty pervichnykh kosmicheskikh luchel na ISZ "Proton-2"/. 09 p1561 A67-21897
High-transmission spectrometer for the charges of primary cosmic ray nuclei /Svetosil'nyi spektrometr zariadov pervichnykh lader kosmicheskikh luchel/. 09 p1497 A67-21898
Telemasurement in a broad dynamic range of the amplitudes of pulses from cosmic-ray scintillation recorders. 13 p2119 A67-26560
Investigation of primary cosmic rays at the Proton-1 scientific station. 16 p2737 A67-30647
Spectrometer of a Proton-type satellite for primary high-energy cosmic-ray particles /Spektrometr chastits pervichnogo kosmicheskogo izlucheniya vysokoi energii dlia ISZ tipa "Proton"/. 17 p2854 A67-32245
Study of the energy spectrum and the composition of primary cosmic rays in the high-and superhigh-energy range on the satellites Proton 1 and 2 /Izucheniye energeticheskogo spektra i sostava pervichnykh kosmicheskikh luchel v oblasti vysokikh i sverkhvysokikh energii na ISZ "Proton-1" i "Proton-2"/. 17 p2935 A67-32246
Measurement by the satellites Proton 1 and 2 of the effective cross sections of inelastic interactions between 10 super 10 to 10 super 12 ev protons and carbon nuclei /Izmereniye na ISZ "Proton-1" i "Proton-2" effektivnogo secheniya neuprugogo vzaimodeistviya s ladrami ugleroda protonov s energiyami 10 super 10 - 10 super 12 ev/. 17 p2935 A67-32247
Measurements on board the satellite Proton 1 of the cross sections for inelastic interaction of protons with carbon nuclei at energies of 10 super 10-10 super 12 ev. 22 p3876 A67-40259
Absorption of the nuclear-component energy flux in iron. 22 p3842 A67-40264
Study of the form of the energy spectrum of primary cosmic particles in the energy range from 10 super 10 to 10 super 14 ev on the Proton 1 and 2 space stations /Izucheniye vlda energeticheskogo spektra pervichnykh kosmicheskikh chastits v diapazone energii 10 super 10 -10 super 14 Ev na kosmicheskikh stantsiyakh Proton-1 i Proton-2/. 23 p4054 A67-41091
Energy spectrum of primary protons in the range from 10 super 10 to 10 super 13 ev according to Proton 1 and 2 data /Energeticheskii spektr pervichnykh protonov v oblasti energii 10 super 10 -10 super 13 ev po dannym Protona-1 i Protona-2/. 23 p4054 A67-41092
Study of the chemical composition of primary cosmic rays in the intermediate-energy range on the Proton 1 and 2 space stations /Izucheniye khimicheskogo sostava pervichnykh kosmicheskikh luchel v oblasti umerennykh energii na kosmicheskikh stantsiyakh Proton-1 i Proton-2/. 23 p4054 A67-41093
Study of high-energy cosmic-ray particles with the aid of "Proton" artificial earth satellites /Izucheniye chastits kosmicheskikh luchel vysokoi energii na iskusstvennykh sputnikakh zemli "Proton"/. 24 p4210 A67-42391
Measurements of the energy spectrum of cosmic rays in the 10 super 10 to 10 super 14 ev range by means of Proton 1. 24 p4212 A67-42762
Investigation of the chemical composition of primary cosmic rays in the region of moderate energies by means of Proton I. 24 p4212 A67-42763
Investigation of high-energy electrons by means of Proton I and Proton II. 24 p4213 A67-42767
Measurement of the effective cross section of inelastic interaction between protons and carbon nuclei at energies from 10 super 10 to 10 super 12 ev on the Proton 1 and 2 space stations /Izmereniye effektivnogo secheniya neuprugogo vzaimodeistviya protonov s ladrami ugleroda v diapazone energii 10 super 10 -10 super 12 ev na kosmicheskikh stantsiyakh Proton-1 i Proton-2/. 24 p4219 A67-42843
- RAPOPORT, V. L.**
Investigation of a gyroscopic device on a ball support /Issledovanie giroskopicheskogo ustroystva na sharovoi opore/. 01 p0064 A67-10419
- RAPOPORT, V. O.**
Intensity-measurements of radiation at frequencies 725 and 1,525 kc, by means of the receiver on the satellite "Electron-2." 12 p1995 A67-25769
- RAPOPORT, Z. TS.**
Orientation of an ionospheric station antenna and relative intensity of magnetolonic components. 07 p1173 A67-19690
Long-distance propagation of ultrashort radio waves as a result of scattering in the ionosphere in the subpolar zone, and the state of the ionosphere. 07 p1144 A67-19707
- RAPP, A. F.**
Turbulent and pressure transport in a curved mixing layer. 18 p3030 A67-34751
- RAPP, D.**
Large transition probabilities in excitation collisions. 18 p3081 A67-33785
- RAPP, R.**
Nonperturbing measurement of electrical-conductivity profiles /Nevozmushchalushchee izmereniye profilей elektroprovodnosti/. 17 p2896 A67-32165
- RAPP, R. A.**
The oxidation of Cb-Zr and Cb-Zr-Re alloys in oxygen at 1000 deg C. 05 p0828 A67-16471
- RAPP, R. H.**
The equatorial radius of the earth and the zero-order undulation of the geoid. 08 p1325 A67-20933
- RAPPAPORT, P.**
Thin film solar cells and a review of recent results on GaAs. 08 p1284 A67-20725
Photovoltaic power. 17 p2801 A67-32048
- RAPPAPORT, S. S.**
On optimum dynamic range centering. 01 p0022 A67-10434
- RARITY, B. S. H.**
On the viscous flow in the nose region of a symmetric blunt body in hypersonic flow. 05 p0749 A67-16820
On the breakdown of characteristics solutions in flows with vibrational relaxation. 06 p0984 A67-18128
- RASANEN, G. K.**
Accelerometer mounting and data integrity. 12 p1942 A67-25680
- RASBERRY, S. D.**
Laser probe excitation in spectrochemical analysis. I, II. 05 p0824 A67-16788
- RASCHKE, E.**
Effect of high cloud surfaces on satellite measurements of the radiation temperature of the stratosphere /Ueber den Einfluss hoher Wolkenoberflaechen auf Satellitenmessungen der Strahlungstemperatur der Stratosphaere/. 05 p0802 A67-17376
A quasi-global analysis of tropospheric water vapor content and its temporal variations from radiation data of the meteorological satellite Tiros IV. 10 p1877 A67-23195
A quasi-global analysis of the mean relative humidity of the upper troposphere. 15 p2513 A67-30059
A quasi-global analysis of tropospheric water vapor content from Tiros IV radiation data. 17 p2880 A67-32550
- RASCHKE, R. R.**
Application of scattering matrix method to antenna coupling problems. 20 p3405 A67-37644
- RASCON CHAVEZ, O. A.**
Stochastic model to fatigue. 15 p2578 A67-30270
- RASHAD, A. R. M.**
Self-focusing of a laser beam in plasma. 02 p0252 A67-12089
A technique for measuring the scalar and tensor plasma conductivity using an induction-type MHD device. 09 p1538 A67-21775
Theoretical studies of self-focusing a laser beam in an inhomogeneous plasma. 09 p1515 A67-22276
A technique for measuring the density of electrons in plasmas using self-focused laser beams. 15 p2488 A67-29902
Diagnostics of medium and dense plasmas using self-focused laser beams. 21 p3673 A67-38734
- RASHBA, E. I.**
Electrical pinch in elastically deformed germanium. 04 p0675 A67-14922
Size effects in conductivity of semiconductors with a few types of carriers. 06 p1084 A67-18944
Domain structure of a multi-valley semiconductor in the case of large currents. 08 p1367 A67-20416
Appearance of domains in "many-valley" semiconductors during the passage of strong currents. 09 p1555 A67-22074
Characteristics of the electric pinch effect in many-valley bipolar semiconductors. 23 p4042 A67-41292
- RASHCHEPKIN, A. P.**
Symmetrization of the coil of an induction machine with open magnetic loop /Simmetrirovaniye obmotki induktsionnoi mashiny s razomknutym magnitoprovodom/. 01 p0012 A67-10187
Longitudinal edge effect in linear inductive MHD generators /O prodol'nom kraevom effekte llnelnykh induktsionnykh mashin/. 04 p0556 A67-15524
Field in the gap of induction machines for a variable linear winding load. 16 p2723 A67-31583
- RASHEVSKAIA, E. P.**
Effective mass of electrons in gallium arsenide /Effektivnaya massa elektronov v arsenide galliya/. 03 p0490 A67-13161
Effective mass of electrons in gallium arsenide. 10 p1690 A67-23108
- RASIUKIEWICZ, M.**
Simple method for determining minimum value of noise constant of tunnel diode. 14 p2290 A67-28930
- RASK, R. B.**
Film cooling with helium injection into an incompressible air flow. 06 p1116 A67-18385
- RASKIN, R. D.**
Explicit definition of wiring harness and cable assembly design procedure. 05 p0779 A67-17456

- RASMUSSEN, C. G.**
Hot-wire anemometry. 13 p2120 A67-27020
- RASMUSSEN, M. L.**
Determination of the velocity distribution function of a gas using a laser. 14 p2317 A67-28194
On hypersonic flow past an unyawed cone. 17 p2793 A67-33024
- RASMUSSEN, R.**
Calculation of 1-Mev electron flux and irradiation degradation of solar cell I-V curves by computer. 23 p3940 A67-41514
- RASMUSSEN, R. O.**
Attitude control for spinning sounding rockets. 08 p1409 A67-20539
- RASO, D. J.**
Effect of source size on the resolution in Fourier-transform holography. 16 p2681 A67-31883
- RASOOL, S. I.**
Primitive atmosphere of the earth. 04 p0701 A67-15545
The planet Jupiter. 21 p3703 A67-38191
- RASOR, N. S.**
The plasma physics of thermionic converters. 22 p3747 A67-39342
- RASPOPOV, O. M.**
Relation between Π 2-type geomagnetic field pulsations and auroral brightness pulsations /Svlyaz' pul'satsii geomagnitnogo polia Π 2 s pul'satsiiami intensivnosti svecheniia poliarnykh silni/. 14 p2309 A67-27944
- RASQUIN, J.**
Optical measurement of tube flares. 18 p3054 A67-34366
- RASSADIN, V. G.**
Communication device with a rapid cyclotron wave in the form of a system of coupled oscillators /Ustroistvo svyazi s bystroi tsiklotronnoi volnoi v vide sistemy svyazannykh rezonatorov/. 05 p0785 A67-17472
- RASSUSHIN, V. A.**
Spontaneous recombination radiation of indium arsenide diodes /Spontannoe rekombinatsionnoe izlucheniye diodov iz arsenida indii/. 12 p1914 A67-25516
Spontaneous recombination radiation of indium arsenide diodes. 18 p3012 A67-34447
- RASSWEILER, G.**
Size reduction of a conical log-spiral antenna by loading with magneto-dielectric material. 02 p0212 A67-11612
- RASTALL, P.**
Relativistic precession of a spinning satellite. 05 p0906 A67-16849
- RASTOGI, R. G.**
Fading characteristics of radio waves reflected from the E sub s layer at Thumba. 03 p0406 A67-12824
Ionospheric horizontal drifts within the equatorial electrojet region in India. 03 p0407 A67-12829
The equatorial anomaly in the F sub 2 region of the ionosphere. 23 p3996 A67-41082
- RASTORGUEV, L. N.**
Effect of thermal treatment on the texture of titanium alloys with electrodeposited chromium and nickel /Vlianiye termicheskoi obrabotki na teksturu titanovykh spлавov i elektroosazhennykh na nikh khroma i nikelia/. 04 p0637 A67-14944
- RASTRIGINA, E. F.**
Mechanism of metallic contact formation in SAP type alloys. 07 p1208 A67-19303
- RASUL, M.**
Measurement of column resistance during the recovery of a rapidly interrupted low current, wall stabilised, DC arc. 19 p3282 A67-35158
- RASULOV, A. I.**
Heat conductivity study of GaSe monocrystals. 07 p1233 A67-19649
- RASULOV, M. L.**
Application of the contour integral method to the solution of boundary value problems under mixed-type boundary conditions /Primeneniye metoda konturnogo integrala k reshenliu smeshannykh zadach pri granichnykh usloviakh smeshannogo tipa/. 03 p0457 A67-13115
- RATCHESON, W. I.**
Structural problems associated with development of large, deployable, solar-cell arrays. 24 p4251 A67-42897
- RATCLIFF, G.**
Diffusion of semiconductors by entrainment of an impurity in the gas phase /Diffusion dans les semiconducteurs par entrainement d'une impurete en phase gazeuse/. 13 p2176 A67-26657
- RATCLIFFE, R. A. S.**
A case illustrating the value of satellite pictures in forecasting for the British Isles. 01 p0108 A67-10225
Satellite pictures of an old occluded depression and their usefulness in analysis and forecasting. 04 p0650 A67-14868
- RATCLIFFE, S.**
Computer assignment of ATC facilities. 09 p1528 A67-22631
- RATERINK, H. J.**
Development of a ring laser for polarimetric measurements. 13 p2128 A67-27345
- RATHBUN, E. R.**
Effects of transient nuclear radiation on capacitors. 17 p2828 A67-32863
- RATHBUN, F. O., JR.**
Spectral analysis of pump-cavitation noise. 21 p3613 A67-38437
- RATHBUN, H. E.**
Manual and computer controlled precision pneumatic system for S-1C vehicle testing. 20 p3415 A67-36569
- RATHKE, C. W.**
Problems of environmental testing of orbital and space vehicle structures. [SAE PAPER 660682] 01 p0049 A67-10587
- RATHKE, T. S.**
A system for the dynamic calibration of pressure transducers. 23 p4007 A67-41388
- RATHY, R. K.**
Effect of the sudden change in the magnetic field and/or pressure gradient in the Hartmann flow. 03 p0482 A67-13745
- RATINO, D. A.**
A telemetry system for physiological evaluation of space suits. 23 p3969 A67-41651
- RATLIFF, J. L.**
The deleterious effect of small quantities of aluminum on the stress-rupture properties of a Cr-Mo-V steel. 16 p2693 A67-31869
- RATNASIRI, P. A. J.**
Ionospheric absorption measurements at Colombo, Ceylon. 03 p0406 A67-12822
- RATNER, A. M.**
Uncoupled intensity peaks in laser emission /Nesvlyazannye piki intensivnosti v izlucheniilazera/. 03 p0435 A67-13132
Study of laser losses and associated emission characteristics /Issledovanie poter' i svlyazannykh s nimi kharakteristik izlucheniia lazera/. 03 p0435 A67-13133
Radiation characteristics of a laser in the stationary state and during relaxation /Kharakteristiki izlucheniia lazera v statSIONarnom rezhime i v protsesse relaksatsii/. 03 p0435 A67-13134
Laser Q-factor modulation with the aid of nonlinear effects in absorbing media /Modulatsiia dobrotnosti lazera s pomoshch'yu nelineinykh effektov v pogloshchailushchikh sredakh/. 03 p0436 A67-13135
Spectral properties of a laser with a large angular divergence of light /Spektral'nye svoistva ogk s bol'shim uglovym raskhozhdeniem sveta/. 19 p3239 A67-34903
- RATNER, R. S.**
Precomputation of the weighting matrix in an extended Kalman filter. 16 p2651 A67-31882
- RATTNER, J.**
The PCF - A real-time program checkout facility. 09 p1484 A67-21833
- RATTO, C. F.**
Correlation effects and superconductivity in dilute alloys with localized states. 14 p2371 A67-28727
- RATYCH, L. V.**
The effect of structural microheterogeneities upon the strength of plates with hyperbolic notches. 06 p1100 A67-17950
- RATYNSKI, M. V.**
Reliability and maintainability requirements and electronic systems division /AFSC/ applications. 01 p0042 A67-11388
- RATZ, A. G.**
The precision analysis of transients for both Fourier and shock spectra. 01 p0074 A67-11130
- RAU, C. A., JR.**
The effect of small drilled holes on the notch toughness of iron base alloys. 16 p2688 A67-31304
- RAU, J. E.**
Detection of differences in real distributions. 03 p0423 A67-13904
- RAUB, CH. J.**
The alpha-Ti-Fe solid solution and its superconducting properties. 06 p1051 A67-18370
- RAUB, E.**
The alpha-Ti-Fe solid solution and its superconducting properties. 06 p1051 A67-18370
- RAUCH, H. E.**
Asymptotic matching in power-limited interplanetary transfers. [AAS PAPER 66-114] 07 p1253 A67-19973
Asymptotic matching in power-limited interplanetary transfers. [AAS PAPER 66-114] 13 p2208 A67-27530
Least squares estimation with a large number of parameters. 16 p2647 A67-31651
Optimum estimation of linear dynamic systems with random sampling and quantization errors. 16 p2652 A67-31693
- RAUCH, H. W., SR.**
Review of current developments in new refractory fibers and their utilization as high temperature reinforcements. 03 p0452 A67-13406
- RAUCH, J. E.**
Breakdown of dielectrics due to pulsed electrons. 04 p0659 A67-15699
- RAUCH, R. P.**
The influence of manned mission requirements on spacecraft design and selection. [AIAA PAPER 66-958] 02 p0332 A67-12286
- RAUDONIS, A. V.**
Oscillations in the electrical absorption of light in cadmium telluride /Ostsiillatsii elektropogloshcheniia v telluride kadmila/. 19 p3301 A67-34772
- RAUDSAAR, KH. K.**
Observations of the comet Everhart /1964h/ and minor planets at Tartu /Nabliudeniia komety everkharta /1964h/ i malykh planet v Tartu/. 20 p3522 A67-36622
- RAUE, G. E.**
Four unconventional uses for reflex klystrons. 03 p0387 A67-14101
Analysis of observed spectrum in the pulling of millimeter wave reflex klystrons. 05 p0780 A67-17522
- RAUFUSS, H.**
Theory of superconductors in plane-parallel thin films /Zur Theorie der Supraleitung in planparallelen Schichten geringer Dicke/. 20 p3507 A67-36328
- RAULT, A. J.**
On input-output stability of nonlinear feedback systems. 06 p0977 A67-18528
- RAUSA, G.**
Ultraviolet radiation induced effects in some optical materials. [AIAA PAPER 67-344] 12 p1959 A67-26058
- RAUSCH, J. J.**
Coated refractories for high-temperature rocket applications. 22 p3821 A67-39891
- RAUSER, W. H.**
Predicting the luminance of the lunar surface. 22 p3887 A67-40143
- RAUSHENBAKH, B. V.**
The system of uniaxial solar orientation in the space-ship-satellites "Vostok". 12 p1964 A67-25642
Control system for the "Venera" /Venus/ automatic interplanetary station. 22 p3898 A67-39185
- RAUSHENBAKH, M. O.**
Remote responses of the hemopoietic tissue to proton and X-ray irradiation under acceleration /Otdalennnye reaktsii krovetvornoii tkani na oblucheniye protonami i kh-luchami v kombinatsii s gravitatsionnymi nagruzkami/. 13 p2057 A67-26458
- RAUTIAN, S.**
The theory of Doppler and impact broadening of spectral lines and pressure effects on the power output of a gas laser. 05 p0818 A67-16643
- RAUTIAN, S. G.**
Effect of collisions on the spectral characteristics of gas lasers /O villanii stolknovenii na spektral'nye kharakteristiki gazovykh kvantovykh generatorov/. 03 p0439 A67-14197
The effect of collisions on spectral characteristics of gas lasers. 14 p2331 A67-28542
- RAUTIO, W. S.**
Thermistor theory and special applications. 18 p3050 A67-34503
- RAVELLI, G.**
Lowering of the threshold value in

- synchronous demodulation /Riduzione del livello di soglia nella demodulazione sincrona/. 08 p1294 A87-20771
- RAVIART, P. A.**
Solution and approximation of certain degenerate nonlinear parabolic equations /Sur la resolution et l'approximation de certaines equations paraboliques non lineaires degeneres/. 16 p2895 A87-30829
Approximation of certain linear and nonlinear equations of evolution /Sur l'approximation de certaines equations d'evolution lineaires et non lineaires/. 16 p2896 A87-31198
- RAVICH, I. I.**
Scattering mechanisms and role of interelectron collisions in n-PbTe and certain other semimetals /O mekhanizmakh rasselaniia i roli mezhelektronnykh stolknovenii v n-PbTe i nekotorykh drugikh polumetalakh/. 12 p1983 A87-25514
Scattering mechanisms and the role of electron-electron collisions in n-type PbTe and some other semimetals. 18 p3103 A87-34445
- RAVICH, V. N.**
Effect of hydrostatic pressure and temperature on the characteristics of tunnel p-n junctions in GaAs /Vliianie vvestoronnogo davleniia i temperatury na kharakteristiki tunnel'nykh p-n-perekhodov v GaAs/. 09 p1554 A87-21977
Influence of uniform pressure and of temperature on the characteristics of p-n tunnel junctions in GaAs. 17 p2923 A87-33314
- RAVILLE, M. E.**
Determination of natural frequencies of vibration of a sandwich plate. [SESA PAPER 1175] 18 p3143 A87-33901
- RAVIN, V. S.**
Effective boundary conditions for problems of steady-state heat conduction /Ob effektivnykh granichnykh usloviakh v zadachakh statsonarnoi teploprovodnosti/. 14 p2408 A87-28805
- RAVINDRAN, R.**
Leading shock in two-dimensional secondary fluid injection. 23 p3992 A87-41740
- RAVIOLA, V.**
Adoption of solid-state devices in TV systems /Introduzione dei dispositivi allo stato solido nei sistemi di radiodiffusione televisiva/. 20 p3395 A87-36249
- RAVLIK, A. G.**
Change in coercive force of ferromagnetic films in the transition to the "supercritical" state /Ob izmenenii koertsivnoi sil'y ferromagnitnykh plenok pri perekhode v "zakriticheskoe" sostoyanie/. 12 p1981 A87-25243
- RAWAT, S. K.**
Bang-bang manipulation of non-fuel parameters in optimal attitude control. 22 p3897 A87-39155
- RAWCLIFFE, R. D.**
Latitude distribution of ozone at high altitudes, deduced from a satellite measurement of the earth's radiance at 2840 angstrom units. 03 p0410 A87-12948
Metal mesh interference filters for the far infrared. 19 p3262 A87-35686
The ultraviolet earth background. 22 p3794 A87-40364
- RAWE, R. A.**
Special fractographic techniques for failure analysis. [ASTM PAPER 44] 18 p3145 A87-34581
- RAWER, K.**
Ionospheric measurements by means of two rocket launchings in the Sahara /Ionosphaeren-Messungen bei zwei Raketen-Aufstiegen in der Sahara/. 06 p0993 A87-17595
Electronic component and collision interaction in the D region. 10 p1646 A87-23270
Direct electron density measurements in the ionosphere below 200 km. 10 p1648 A87-23290
Electric field measurements with an ejected probe. 19 p3217 A87-35199
Rocket measurements with a high-frequency impedance probe /Raketennmessungen mit einer Hochfrequenz-Impedanzsonde/. 23 p4003 A87-41321
- RAWLIN, V. K.**
A mercury plasma-bridge neutralizer. [AIAA PAPER 67-670] 21 p3691 A87-38704
- RAWUKA, A. C.**
Steady state technique for measuring thermal conductivity of non-metallic materials to 2500 deg K. 18 p3051 A87-34508
- RAY, A. K.**
Some considerations in two dimensional shock induced separated flows in turbulent boundary layer. 02 p0231 A87-11522
- RAY, B.**
Deviations from space-charge limited behaviour in CdS crystal diodes. 13 p2085 A87-27731
- RAY, D.**
On convection in atmosphere. 12 p1932 A87-25191
- RAY, E. C.**
A topological study of the motion of particles trapped in a magnetic field. 15 p2551 A87-30397
An improved re-entrant cosmic-ray albedo calculation. 23 p4050 A87-40808
- RAY, J. D.**
New high temperature polymers for fiber reinforced plastic composites. 22 p3825 A87-39854
- RAY, J. R.**
A note on the Lagrangian density for fluid systems in general relativity. 01 p0114 A87-10869
- RAY, J. V.**
Directionally reflective coating study. [AIAA PAPER 65-671] 03 p0467 A87-13039
- RAY, K. A.**
Flexible solar cell arrays for increased space power. 07 p1132 A87-19877
The development of a flexible deployable solar array. 23 p3939 A87-41511
- RAY, K. K.**
Note on the torsion of a composite circular cylinder. 21 p3723 A87-38560
- RAY, R. A.**
Nucleonic fuel gaging systems for spacecraft. 05 p0841 A87-18536
- RAYBURN, L. C.**
Shrouds for space payloads. 11 p1870 A87-25006
- RAYMOND, E. L.**
Effect of grain boundary denudation of gamma prime on notch-rupture ductility of INCONEL nickel-chromium alloys X-750 and 718. 21 p3646 A87-38776
- RAYMOND, J. J.**
Magnetostatic mode echo by subsidiary absorption. 02 p0297 A87-11874
Magnetostriction of ytterbium and cerium in YIG. 22 p3855 A87-39363
- RAYMOND, J. P.**
Detailed lumped-model analysis of transistor ionizing radiation effects. 04 p0588 A87-15697
- RAYMOND, L. E.**
Fatigue properties of powder metal compositions. 10 p1667 A87-22702
- RAYMOND, R. G.**
Integrating the operational spacecraft displays into the future guidance and control systems. [AIAA PAPER 67-552] 19 p3257 A87-35949
- RAYMOND, W. D.**
Design for reliability. 01 p0155 A87-11346
- RAYMONDIN, L.**
Experiments at SNECMA in forging titanium /Experiences sur le forgeage du titane a la S.N.E.C.M.A./. 14 p3234 A87-28629
- RAYNAUD, G.**
Conjunctival hyperemia and disacclimation to altitude /Hyperhemie conjonctivale et desacclimation a l'altitude/. 04 p0561 A87-14628
Retinal angiomatosis and aircrew fitness /Angiomatose retinienne et aptitude au personnel navigant/. 23 p3945 A87-41071
- RAYNE, J. A.**
Concentration dependence of de Haas-van Alphen effect in n-type Bi sub 2 Te sub 3. 17 p2912 A87-32268
- RAYROLE, J.**
Contribution to the study of the magnetic field structure in sunspots /Contribution a l'etude de la structure du champ magnetique dans les taches solaires/. 14 p2390 A87-28942
- RAYROUX, J. M.**
Electrical resistance and magnetization of type II superconductors. 11 p1846 A87-24583
- RAZDOBARIN, G. T.**
Measurement of electron temperature and concentration in an arc plasma via Thomson scattering of laser light. 03 p0437 A87-13209
- RAZIN, V. A.**
Ionized gas distribution close to the galactic plane. 02 p0322 A87-11645
Optimum wavelength and spectral range in polarization investigations of distributed cosmic radio emission. 05 p0766 A87-17228
- Depolarization of cosmic radio emission due to dispersion of the Faraday rotation of the planes of polarization of the radio waves. 08 p1378 A87-20813
- RAZINSKY, E.**
The influence of a wide-angle diffuser on turbulent velocities. [ASME PAPER 67-FE-23] 14 p2243 A87-28368
- RAZIUNAS, V.**
Application of the Stallwood jet and DC arc to the analysis of air contamination in inert gases. 05 p0758 A87-16368
- RAZORENOV, L. A.**
Composition and energy spectrum of primary cosmic rays in the low-energy region. 02 p0310 A87-12582
Preliminary results of investigation of the nuclear component of cosmic rays by equipment carried by Elektron 2. 02 p0310 A87-12583
Study of the temporal variations of the nuclear flux of primary cosmic radiation on the satellites Elektron 2 and 4 /Issledovanie vremennykh izmenenii potoka lader pervichnogo kosmicheskogo izlucheniia na sputnikakh Elektron-2 i Elektron-4/. 05 p0877 A87-16085
Cases of brief increase of the flux of heavy nuclei accompanying X-radiation bursts. 07 p1242 A87-19113
Effect of a decrease in the intensity of the cosmic-ray nuclear component during magnetic storms with sudden commencement /Effekt ponizheniia intensivnosti ladernoi komponenty kosmicheskikh luchei vo vremia magnitnykh bur's vnezapnym nachalom/. 13 p2194 A87-27332
Preferential acceleration of heavy nuclei on the sun /O prelmushchestvennom uskorenii tiazhelykh lader na solntse/. 13 p2195 A87-27341
Modulating effects of the nuclear cosmic-ray component during minimum solar activity /Modulatsionnye efekty ladernoi komponenty kosmicheskikh luchei v minime solnechnoi aktivnosti/. 23 p4055 A87-41104
The case of the generation of heavy nuclei in solar cosmic rays /Sluchai generatsii tiazhelykh lader v solnechnykh kosmicheskikh luchakh/. 23 p4056 A87-41113
Investigation of time variations of the flux of nuclei in primary cosmic radiation with the aid of Elektron II and Elektron IV. 24 p4212 A87-42761
- RAZUMIKHIN, B. S.**
Mechanical model and method for solving a general problem of linear programming. 05 p0781 A87-16259
- RAZUMOV, L. N.**
Production of Fourier holograms with the aid of a pulsed ruby laser. 12 p1939 A87-25335
- RAZUMOV, O. S.**
Construction of spatial /cosmic/ polygonometry /O postroyenii prostranstvennoi /kosmicheskoi/ polygonometrii/. 01 p0060 A87-10853
Construction of spatial /cosmic/ polygonometry. 14 p2311 A87-28242
- RAZUMOVSKII, S. M.**
Temperature dependence of the threshold of radiation-defect formation in silicon irradiated with electrons /Temperaturnaya zavisimost' poroga obrazovaniia radiatsionnykh defektov v kremnii, obлучennom elektronami/. 15 p2542 A87-30250
- REA, D. G.**
Mars - Influence of topography on formation of temporary bright patches. 06 p1088 A87-18644
On the polarimetric evidence for an atmosphere on Mercury. 12 p2010 A87-28244
Upper limits on liquid water in the Venus atmosphere. 17 p2945 A87-32652
- REA, D. R.**
Velocity profiles of a non-Newtonian fluid in helical flow. 24 p4145 A87-42708
- REA, S. N.**
The influence of pressure cycling on thermal regenerators. [ASME PAPER 68-WA/PID-1] 04 p0724 A87-15379
- REA, T. W.**
Influence of a ceramic environment on the creep properties of chromium alloys. 08 p1341 A87-20766
- READ, D. J. C.**
Regulation of ventilation during rebreathing at imposed respiratory

- frequencies. 07 p1133 A67-19479
- READ, T. B.**
The CW pumping of YAG-Nd super 3
super plus by water-cooled krypton
arcs. 03 p0437 A67-13576
A water-cooled mercury arc for continuous
wave laser pumping. 12 p1952 A67-25331
- READY, J. F.**
Particle emission in laser-surface
interactions. 02 p0252 A67-12180
Ion emission from laser irradiated
tungsten. 05 p0819 A67-16651
Gas desorption produced by a glant pulse
laser. 08 p1338 A67-21310
Effects of laser radiation on
solids. 09 p1513 A67-22144
Lasers in high temperature
research. 21 p3640 A67-38392
- REAGAN, J. B.**
Low-energy electron and proton satellite
instrumentation for auroral
studies. 12 p1944 A67-25851
Channel multiplier instrumentation for the
measurement of low-energy auroral
particles. 12 p1944 A67-25855
A versatile satellite data-handling system
for space radiation measurements. 12 p1909 A67-25864
Long-term study of electrons trapped on
low L shells. 14 p2380 A67-28051
- REAMS, J. D.**
Space-power subsystems - Development
status and outlook. 04 p0558 A67-15954
Comparative evaluation of flight control
power distribution systems for hypersonic
aircraft. 17 p2800 A67-31970
- REAVELEY, P.**
Data sources for automated ATC
systems. 15 p2515 A67-29941
- REAY, N. K.**
A control system for a fully automatic
pressure scanned Fabry-Perot
interferometer. 14 p2315 A67-28158
The use of a pressure-scanned Fabry-Perot
interferometer for twilight sky and zodiacal
light observations. 20 p3440 A67-36361
- REBANE, K.**
Problems of the theory of secondary
radiation by impurity centres in
crystals. 20 p3511 A67-37031
- REBER, C. A.**
Thermosphere conditions deduced from
satellite observations. 07 p1181 A67-19937
- REBHAN, E.**
Interaction of shock waves with
electromagnetic fields. 19 p3294 A67-35405
- REBMAN, J.**
Speed - Its value and
cost. 16 p2783 A67-31830
- REBOUL, L.**
Statistical methods in radio detection
/Methodes statistiques en
radiodetection/. 04 p0572 A67-15033
- REBROV, A. K.**
Effect of convective heat transfer on
plasma characteristics /O villanli
konvektivnogo teploobmena na
kharakteristik
plazmotrona/. 11 p1843 A67-24970
- REBUFFET, P.**
Experimental Aerodynamics. Volume 2
/Aerodynamique Experimentale. Volume
2/. 09 p1437 A67-22215
- RECH, J. P.**
Study of the deformation of beryllium
under hydrostatic pressure reaching 15
kilobars /Contribution a l'etude de la
deformation du beryllium sous pression
hydrostatique atteignant 15
kilobars/. 13 p2139 A67-27124
- RECHTEN, A. W.**
Flow stability in bi-stable fluid
elements. 08 p1283 A67-20475
- RECHTER, R. J.**
Computer generation of DB Margin
Summaries for telecommunications
links. 08 p1292 A67-20653
Signal processing and transmission for the
Surveyor television system. 22 p3808 A67-40379
[SMPT PAPER 102-41]
- RECHTIN, E.**
Long-range planning for the deep-space
network. 24 p4260 A67-43051
[AIAA PAPER 67-975]
- RECKLING, K.-A.**
Theory of plasticity and its application to
problems of solidity /Plastizitaetstheorie und
ihre Anwendung auf
Festigkeitsprobleme/. 21 p3716 A67-37966
- RECORD, F. A.**
Turbulent energy dissipation rates and
exchange processes above a non-
homogeneous surface. 02 p0238 A67-12076
- RECTOR, J. D.**
All-weather landing systems for automatic
and manual control. 22 p3831 A67-39611
- REDA, J.**
Introduction of plasma technology into the
chemical and metallurgical industry
/Vnedrenie plazmennoi tekhniki v
khimicheskuiu i metallurgicheskuiu
promyshlennost'/. 17 p2865 A67-32189
- REDAELLI, G.**
Transient emission of a pulsed argon ion
laser. 11 p1801 A67-24649
- REDAKCI, D.**
Holography by amplitude division
/Holografie rozdelenim
amplitudy/. 20 p3435 A67-36200
- REDDAWAY, S. F.**
Resistance limitations on fast computer
interconnections. 20 p3393 A67-37457
- REDDEN, T. K.**
Fabrication of a columbium alloy liquid
metal loop. 01 p0080 A67-10945
- REDDI, C. R.**
The direction of movement of F2 region
perturbations. 18 p3043 A67-34526
- REDDI, V. G. K.**
Influence of surface conditions on silicon
planar transistor current
gain. 11 p1759 A67-24139
- REDDING, J. L.**
Interstellar vehicle propelled by terrestrial
laser beam. 08 p1376 A67-20989
Diurnal variation of telluric currents near
the magnetic equator. 10 p1651 A67-23343
Temperature of a moving
body. 21 p3733 A67-39124
- REDDING, T. E.**
3-kilowatt recuperated closed Brayton-
cycle electrical power
system. 24 p4102 A67-42486
- REDDY, B.**
F.E.T. high-frequency
analysis. 02 p0216 A67-12071
- REDDY, B. M.**
Global behavior of the ionosphere at 1000-
kilometer altitude. 07 p1181 A67-19935
The ionosphere at 640 kilometers on quiet
and disturbed days. 15 p2475 A67-29610
- REDDY, C. A.**
On the propagation of atmospheric gravity
waves through regions of wind
shear. 08 p1328 A67-21477
A study of blanketing sporadic E at
middle latitudes. 15 p2476 A67-29622
- REDDY, D. V.**
Response of an embedded spherical shell
to a plane wave. 21 p3718 A67-38020
- REDDY, P. G.**
Effect of magnetic field on the laminar
radial flow between parallel
plates. 06 p1046 A67-18829
- REDEKEOPP, L. G.**
Supersonic interference flow along the
corner of intersecting wedges.
[AIAA PAPER 66-128] 08 p1276 A67-20564
- REDER, F.**
Interfering VLF radio signals observed on
GBR-16.0 kc/s transmissions during
November and December. 08 p1295 A67-20968
- REDHEAD, P. A.**
Multiple ionization of the rare gases by
successive electron impacts /0.250 ev/.
I. 15 p2519 A67-29189
- REDIKER, R. H.**
GaAs-InSb graded-gap
heterojunction. 17 p2911 A67-32196
- REDING, J. P.**
An application of automatic carpet
plotting to wind-tunnel data
reduction. 08 p1278 A67-21530
Loads on bodies in
wakes. 11 p1742 A67-24350
- REDKAR, R. T.**
Stratospheric flights over tropical latitudes
with polyethylene balloons of large
volume. 01 p0010 A67-10934
- REDKIN, G. A.**
Effect of small dielectric losses on the
characteristics of a resonant isolator in a
plane-parallel waveguide. 22 p3770 A67-39659
- REDKIN, G. E.**
Investigation of pulse shape in an
artificial-line modulator. 01 p0038 A67-10719
- REDLER, W. M.**
Parts reliability problems in aerospace
systems. 01 p0083 A67-11345
- REDLIEN, H. W., JR.**
A spatially coherent optical waveguide
detector. 24 p4133 A67-42817
- REDMAN, J. D.**
Optics aids to pattern
recognition. 22 p3764 A67-39331
- REDMOND, J. C.**
Definition of science subsystems for
Jupiter flyby missions.
[AIAA PAPER 67-120] 06 p1084 A67-18287
- REDMOND, J. H.**
Design study of A.C. motors to operate in
helium from the cryogenic liquid state to
room temperature gaseous state.
[AIAA PAPER 67-456] 18 p2988 A67-33930
- REDUS, J. R.**
Control systems for reusable launch
vehicles. 15 p2570 A67-29857
- REECE, J. S.**
Power supply uses PDM-FM for
regulation. 08 p1286 A67-21030
- REED-HILL, R. E.**
The irrational habit of second-order
/1011/-/1012/ twins in
magnesium. 24 p4173 A67-42345
- REED, A. G.**
Effects of band-limiting the R.F. spectrum
in a communication-satellite system
employing wide-deviation frequency
modulation. 11 p1752 A67-24123
- REED, D. L.**
Meteoroids and measurements.
[AIAA PAPER 67-152] 06 p1085 A67-18291
- REED, E. F.**
An integrated software system for hybrid
flight simulation - The Boeing hybrid
simulator. 05 p0789 A67-17515
- REED, E. L.**
Some results concerning the principal
airglow lines as measured from the OGO-II
satellite. 10 p1660 A67-23278
- REED, G. W., JR.**
Mercury in chondrites. 13 p2210 A67-27603
- REED, H. H.**
Noise curves for high-gain
antennas. 12 p1917 A67-26195
- REED, H. H., JR.**
Communication satellite ground station
antennas. 16 p2641 A67-31532
- REED, I. S.**
Quantization noise in digital moving target
indication systems. 04 p0570 A67-14873
A model for the radar echo from a
random collection of rotating dipole
scatterers. 11 p1764 A67-24435
Asynchronous finite-state machines - A
novel control system class.
[AIAA PAPER 67-988] 24 p4127 A67-43060
- REED, J. W.**
Rapid remote sensing by spectrum
matching technique. II. 08 p1385 A67-20935
- REED, K. C.**
Topside sounder studies of corpuscular
radiation effects on the ionosphere during
quiet and disturbed
conditions. 24 p4147 A67-42055
The behaviour of the topside ionosphere
during storm conditions. 24 p4148 A67-42058
Observations of the topside ionosphere
during three solar
eclipses. 24 p4148 A67-42059
- REED, L. E.**
Advances in the use of computers for
handling human factors task
data. 13 p2063 A67-27260
Further comments on the lateral-
directional stability
equations. 17 p2796 A67-32219
Report on automated human factors task
data handling research. 18 p2994 A67-34343
- REED, M. E.**
Fatigue apparatus for extreme high
vacuum. 10 p1658 A67-23781
- REED, N. S.**
A simulator for a gravity gradient
satellite. 12 p1920 A67-25122
- REED, R. D.**
A versatile satellite data-handling system
for space radiation
measurements. 12 p1909 A67-25864
- REED, R. L.**
Light-weight liquid helium
dewar. 13 p2057 A67-27682
Lightweight liquid helium
dewar. 22 p3808 A67-40391
- REED, R., JR.**
Control of pressure deflagration limits of
composite solid propellants.
[AIAA PAPER 66-679] 10 p1696 A67-23131
- REED, S. J. B.**
The distribution of phosphorus in the
Mount Edith octahedrite. 24 p4236 A67-42643

- REED, T. A.
Aromatic poly-1, 3, 4-oxadiazole
fibers. 21 p3648 A67-37877
- REED, W. C.
U.T.M. grid navigation by Doppler-inertial
airborne gyrocompassing. 16 p2701 A67-30928
- REED, W. H., III
Propeller-rotor whirl flutter - A state-of-
the-art review. 06 p1099 A67-17920
- REEMSNYDER, H. S.
Correlation of fatigue limit with true
stress-true strain
behavior. 21 p3719 A67-38132
- REES, D. B.
Ionization processes in helium at pressures
near to atmospheric. 10 p1681 A67-22982
- REES, M. H.
Auroral excitation of the forbidden lines
of atomic oxygen. 20 p3428 A67-36301
- REES, M. J.
Possible large-scale clustering of
quasars. 07 p1250 A67-19665
II. Studies in radio source structure.
17 p2947 A67-32755
The role of thermal instability in galaxy
formation. 22 p3892 A67-40497
Possible circular polarization of compact
quasars. 24 p4226 A67-41884
- REES, N. W.
Self-optimizing and adaptive control
systems. 08 p1312 A67-20753
- REES, T.
A simple approximate solution for the
interaction of a shock wave with an area
change. 14 p2306 A67-29061
- REESE, B. O.
Longitudinal sound velocities of granular
compacts of ammonium perchlorate and
potassium chloride. 16 p2734 A67-31521
- REESE, D. R.
Dynamic-testing sections of Apollo's
Saturn. 05 p0786 A67-16156
A vibro-acoustic test system for simulation
of Saturn V dynamic launch environment on
major space vehicle
structures. 17 p2832 A67-32005
- REESE, E. J.
Jupiter's great red spot and three white
ovals. 20 p3527 A67-37400
- REEVES, B. L.
On the flow in regions of laminar
separation. [AIAA PAPER 67-64] 06 p0989 A67-18468
- REEVES, D. F.
Comments on "A review of microrocket
technology - 10 super -6 to 1 lbf
thrust." 15 p2545 A67-29452
- REEVES, E.
Physiological implications as to survival
during immersion in water at 75 deg
F. 03 p0364 A67-14294
An evaluation of the foamed neoprene
"diver's wet suit" as a survival garment for
helicopter aircrews. 17 p2807 A67-31959
Relationship of scuba diving to the
development of aviators' decompression
sickness. 21 p3574 A67-38078
- REEVES, H.
Stellar neutron sources. 03 p0508 A67-14315
- REEVES, R. B.
Preparation of boron filaments on fused
silica substrates by decomposition of
diborane. 03 p0454 A67-13420
- REEVES, R. R., JR.
Radiation equilibria pertinent to planetary
atmospheres. 03 p0513 A67-14088
Some comments on the Venus
temperature. 04 p0699 A67-14952
A preliminary study of the photochemistry
of propyne with the 2062-A iodine
line. 24 p4118 A67-42327
- REFSDAL, S.
Numerical calculations on relativistic
cosmological models. 24 p4228 A67-42259
- REGAN, F. J.
Wind tunnel Magnus measurements at the
Naval Ordnance Laboratory. [AIAA PAPER 66-753] 14 p2292 A67-28132
- REGAN, M.
Low cost technology. 01 p0076 A67-11256
- REGEL, V. R.
A study of fatigue within the framework
of the kinetic concept of
fracture. 23 p4074 A67-40663
- REGELSON, E.
Impact of IR devices on aircraft design
trends. 19 p3173 A67-35932
- REGENBERG, S.
Satellite stabilization with the aid of the
earth's magnetic field /Zur Stabilisierung
eines Satelliten mit Hilfe des
Erdmagnetfeldes/. 01 p0153 A67-10210
Thrust staging as an advantageous thrust
program for the ascent from low orbit
/Schubstufung als guenstiges
Schubprogramm fuer den Aufstieg auf
niedrige Kreislbahnen/. 23 p4071 A67-41314
- REGENSBURGER, P. J.
Two-photon absorption spectrum of
Cds. 06 p1011 A67-18209
Optical probe attenuation in CS sub 2
induced by a ruby laser. 10 p1667 A67-23776
- REGIER, J. E.
The role of the space station in manned
space flight. [AIAA PAPER 66-906] 02 p0332 A67-12272
- REGERT-MONOD, M.
Reliability of integrated circuits /Fiabilité
des circuits integres/. 02 p0224 A67-11528
- REGISTER, R. F.
Structure and properties of aluminum
oxide whiskers. 13 p2141 A67-27186
- REGIRER, S. A.
The electric field in a magneto-
hydrodynamic channel containing a moving
medium with variable
conductivity. 03 p0478 A67-13621
Steady flows of an anisotropically
conducting medium in a
half-space. 07 p1230 A67-20033
Magnetohydrodynamic flows in tubes in
the presence of a longitudinal current
/Magnitogidrodinamicheskie techenia v
trubakh pri nalichii prodol'nogo
toka/. 14 p2361 A67-28743
- REGNIER, P.
Contribution to the study of the activation
of prismatic slip in beryllium /Contribution
a l'etude de l'activation du glissement
prismatique du
beryllium/. 13 p2138 A67-27115
- REH, J. J.
Assessing performance readiness with the
Saturn V reliability analysis
model. 18 p3138 A67-34684
- REHDER, D. M.
Ground loads for aircraft with multiple
wheels and multiple landing gear and with
requirements for semi-improved airfield
operations. [AIAA PAPER 65-711] 03 p0360 A67-13781
- REHG, V.
QERT. 05 p0930 A67-17246
- REHKOPF, H. L.
Interference reduction potential of
binomial-type pulses. 20 p3387 A67-37638
- REHM, G. W.
Activity of the United Nations concerning
an agreement in the space problem /Die
Bemuehungen der Vereinten Nationen um
abkommen in der
Weltraumfrage/. 04 p0740 A67-14549
- REHM, R. G.
Density attenuation within interacting
crossed beams of
particles. 11 p1818 A67-24318
Population distributions during vibrational
relaxation of diatomic
gases. 18 p3081 A67-33782
- REHME, H.
Electron-microscopic detection of barrier
layers in barium-titanate cold-conductor
ceramics /Elektronenmikroskopischer
Nachweis von Sperrschichten in
Bariumtitanat-Kaltleiterkeramik/. 07 p1233 A67-19651
- REHNBERG, J. D.
An earth-based, infrared lunar mapper for
thermal and composition
studies. 15 p2492 A67-30434
- REHWALD, W.
Band structure of spinel-type
semiconductors. 13 p2181 A67-27166
- REICH, B.
Secondary breakdown thermal
characterization and improvement of
semiconductor devices. 07 p1156 A67-19895
Protection of semiconductor devices,
circuits, and equipment from voltage
transients. 22 p3766 A67-39250
- REICH, B. W.
A data handling system for phase coherent
coded PCM
communications. 14 p2272 A67-28696
- REICHARD, D. W.
Studies of rolling-element lubrication and
fatigue life in a reduced pressure
environment. [ASLE PREPRINT 67AM 8A-3] 14 p2326 A67-28795
- REICHARD, P. J.
Pre-flight testing of the ATS-1 thermal
coatings experiment. 12 p2038 A67-26047
- REICHEL, R. H.
Cislunar and planetary missions by
thermo-radiolotope propulsion and
integrated power. 01 p0155 A67-11413
Survey of thermo-radiolotope propulsion
and integrated power for the exploration of
cislunar and planetary
space. 04 p0655 A67-14554
Survey of thermo-radiolotope propulsion
and integrated power systems for
spacecraft. 13 p2155 A67-26578
General developments in space flight
technology particularly for booster rockets
and space vehicles /Allgemeine
Entwicklungen in der Raumfahrttechnik bei
Traegeraketen und
Raumflugkoerpern/. 14 p2393 A67-27873
Propulsion systems for booster rockets
and space vehicles /Antriebe fuer
Traegeraketen und
Raumflugkoerper/. 14 p2377 A67-27875
- REICHEL, W. H.
Identification of the ionic species in a
cesium plasma diode. 09 p1448 A67-22337
- REICHENBACH, H. C.
Energy methods in parametric excitation
of rings. 23 p4074 A67-40651
- REICHENBACH, R. E.
An investigation of the effect of
acceleration on the burning rate of
composite propellants. 15 p2581 A67-29991
- REICHERT, G.
Peculiarities in the flight mechanics of a
jointless helicopter rotor /Flugmechanische
Besonderheiten der
gelenklosen
Hubschrauberrotors/. 03 p0359 A67-12986
- REICHERT, J. D.
Charge exchange and associated
production in the algebra of factorized
residues. 16 p2705 A67-31627
- REID, A. M.
Some characteristics of enstatite from
enstatite achondrites. 13 p2200 A67-27236
- REID, F. J.
Semiconductor light
emitters. 10 p1688 A67-22824
- REID, G. C.
Progress in ionospheric
radio. 05 p0795 A67-16010
The influence of the geomagnetic tail on
low-energy cosmic-ray
cutoffs. 07 p1245 A67-19927
Ionospheric effects of PCA
events. 10 p1637 A67-23192
Ionospheric implications of minor
mesospheric constituents. 10 p1645 A67-23265
Magnetospheric activity and its
consequences in the auroral
zone. 16 p2866 A67-31410
Evidence for nonuniformity of solar-proton
precipitation over the polar
caps. 22 p3872 A67-39803
- REID, G. R.
Packaging of a satellite plated wire
memory. 21 p3595 A67-38339
- REID, G. W.
Plasma confinement during a period of
reduced fluctuations in
"ZETA." 11 p1827 A67-23887
- REID, J.
Auroral zone cosmic noise absorption
pulsations. 17 p2841 A67-32213
- REID, J. G.
An application of matched asymptotic
expansions to hypervelocity flight
mechanics. 19 p3336 A67-35994
- REID, J. H.
A model for great solar
flares. 03 p0506 A67-13651
Solar flares and magnetic
fields. 21 p3699 A67-38988
- REID, K. N.
Static characteristics of fluid
amplifiers. 20 p3365 A67-37361
- REID, K. N., JR.
An experimental study of the static
interaction of an axisymmetrical fluid jet
and a single
receiver-diffuser. 14 p2248 A67-28269
Dynamic interaction of a fluid jet and a
receiver-load system. 14 p2248 A67-28270
- REID, M. S.
Precision power measurements of
spacecraft CW signal level with microwave
noise standards. [JPL-TR-32-1070] 09 p1495 A67-21622
- REID, R.
The influence of turbulence on the
structure and propagation of enclosed

- flames. 07 p1265 A67-19073
- REID, R. A. The relation between current flow and oxygen adsorption in a reverse biased silicon pn junction. 17 p2911 A67-32202
- REID, R. C. Thermal performance of tank applied multilayer insulations. 13 p2228 A67-27653
- REID, W. Comparison of permanent magnet materials for focusing electron beams in microwave tubes. 15 p2447 A67-29753
- REID, W. A. Radar observations of Venus at 23 cm in 1965/ 1966. 05 p0889 A67-18297
- REID, W. P. Stability of a towed object. 11 p1743 A67-24309
- REIDY, W. P. Direct measurements of the ionizing flux in different types of auroral forms. 10 p1650 A67-23306
- REIFFEL, L. Status report on operational plans for early Apollo lunar science. [AIAA PAPER 67-116] 07 p1163 A67-19438
- REIFFEN, B. A per letter converse to the channel coding theorem. 06 p0965 A67-17946
- REINIS, G. L. Influence of bandwidth restriction on the signal to noise performance of a PCM/NRZ signal. 21 p3584 A67-38667
- REIKHRUDEL, E. M. Formation /Ignition/ of a discharge in a Penning cell in a high-vacuum magnetic field /Formirovaniye /zazhiganiye/ razriada v iachelke Penninga v vysokom vakuumе v magnitnom pole/. 19 p3272 A67-35089
- REILLY, J. P. Insulator boundary layers in a supersonic magnetogasdynamic channel. [AIAA PAPER 67-717] 21 p3673 A67-38743
- REILLY, R. J. Three experimental fluid flight-control systems. 14 p2248 A67-28273
- REIMER, R. M. Measurement of rapidly changing air flow rate into a gas turbine. 03 p0421 A67-13770
- REIN, C. R. Correction for radiation absorbed by electrically heated, wire temperature sensors in flame. 21 p3733 A67-38883
- REIN, D. U. Comments on the delta wing problem /Zamechanila k zadache o del'tavidnom kryle/. 10 p1593 A67-23687
- Remarks on the problem of the delta-shaped wing. 21 p3564 A67-38288
- REIN, R. Approximation of molecular integrals. 04 p0566 A67-15547
- REINBOLT, E. J. How good are lasers for deep-space communications/ques/. 11 p1752 A67-24252
- REINE, M. Multiphoton magneto-optical resonance in PbTe and InSb. 02 p0254 A67-12522
- REINECKE, W. G. Turbulent wake studies - Fluid-dynamic structure of turbulent wakes. [AIAA PAPER 67-22] 07 p1168 A67-19431
- Simulation of total equilibrium shock layer radiation for three typical entry body shapes. [AIAA PAPER 67-324] 12 p1894 A67-26039
- REINER, M. Simple torsion of a circular cylinder. 11 p1871 A67-24118
- REINERT, H. S. The test in space of a cesium contact ion propulsion system. 16 p2736 A67-30711
- REINES, F. Neutrino astronomy. 03 p0516 A67-14338
- High energy neutrinos underground - Status of the Case-Wits-Irvine experiment and future prospect. 24 p4210 A67-42581
- The search for the solar neutrino. 24 p4210 A67-42583
- REINFELDS, J. AMTRAN - A remote-terminal, conversational-mode computer system. 02 p0206 A67-11811
- REINHARDT, M. V. Quasars and cosmological models. 14 p2392 A67-28965
- REINHARDT, R. F. Airlsickness and anxiety. 21 p3575 A67-38086
- Airlsickness and anxiety. 23 p3963 A67-41544
- Failures in navy jet replacement pilot training. 23 p3966 A67-41579
- Psychologic conversion reaction - The aviator's emotional face curtain. 23 p3955 A67-41624
- REINHART, T. J., JR. Mechanical properties of imidite adhesives. 09 p1523 A67-22518
- Advanced filamentary reinforcements. 22 p3825 A67-39655
- REINKE, P. Determination of the absolute oscillator strengths of three titanium resonance lines /Bestimmung der absoluten Oszillatorenstaerken von drei Resonanzlinien des Titans/. 14 p2351 A67-28581
- REINKE, R. V. Lunar Orbiter readout. [SMPT PAPER 101-45] 12 p1940 A67-25463
- REINSCH, W. A. Titanium fabrication techniques for the XB-70 and beyond. [SAE PAPER 680650] 01 p0079 A67-10611
- REINTJES, J. F. Reflection coefficients of planetary surfaces from unmanned spacecraft. 22 p3795 A67-39159
- REIS, G. E. Calculations of the aeroelastic bending of a sounding rocket based on flight data. 08 p1416 A67-20534
- Calculated aeroelastic bending of a sounding rocket based on flight data. 24 p4242 A67-42912
- REIS, V. H. Chemiluminescent radiation from the far wake of hypersonic spheres. 23 p3931 A67-41712
- REISDORF, B. G. An investigation of the mechanical properties and microstructures of 18Ni /250/ maraging steel weldments. 16 p2692 A67-31868
- REISS, B. Oriented introduction of heavy-metal phases into InP /Der gerichtete einbau von Schwermetallphasen in InP/. 09 p1552 A67-21880
- REISS, E. L. Boundary imperfections in the buckling of spherical caps. 13 p2220 A67-27452
- REISSIG, R. The Alserman problem in a nonlinear third-order system /Das Alsermansche Problem bei einem nichtlinearen System dritter Ordnung/. 13 p2087 A67-28616
- REISSNER, E. A note on stress strain relations of the linear theory of shells. 06 p1100 A67-18111
- REITER, E. R. The prediction of clear-air turbulence over mountainous terrain. [AIAA PAPER 67-184] 06 p1026 A67-18298
- Power spectra of turbulence in the free atmosphere. 15 p2513 A67-30058
- The prediction of clear air turbulence over mountainous terrain. 17 p2880 A67-32552
- The problem of clear-air turbulence /CAT/ - Possible future developments. 19 p3254 A67-35931
- REITER, G. F. Instability of the steady state of a plasma in a uniform electric field. 15 p2522 A67-29206
- REITMAN, J. Cost effectiveness modeling applied to integrated circuits. 08 p1311 A67-20657
- REIZIN, L. E. Example of a complex stationary point /Primer odnoi slozhnoi tochki pokia/. 14 p2343 A67-28387
- REIZMAN, F. Optical thickness measurement of SiO sub 2 - Si sub 3 N sub 4 films on silicon. 17 p2854 A67-32191
- REKASIUS, Z. V. Design of approximately optimal feedback controllers for systems with bounded states. 24 p4134 A67-42178
- REKHLITSKII, Z. I. Stability of solutions for differential-difference equations with periodic coefficients /Ob ustoychivosti reshenii differentsial'no-raznostnykh uravnenii s periodicheskimi koeffitsientami/. 03 p0459 A67-13642
- REMANE, H.-K. Psychology and space flight /Psychologie und Weltraumfahrt/. 09 p1454 A67-22056
- REMBAU, A. Equilibria between metallic sodium and aromatic hydrocarbons. 09 p1458 A67-22214
- Solid-state electrochemical cells based on charge transfer complexes. [JPL-TR-32-1118] 24 p4097 A67-41804
- Photovoltaic effect in poly-N-vinylcarbazole-iodine charge transfer complex. [JPL-TR-32-1138] 24 p4201 A67-41899
- Electron spin resonance of acenaphthene radical ion and radical ion pairs. [JPL-TR-32-1144] 24 p4118 A67-42326
- Reactions of N-vinyl carbazole with anionic initiators. [JPL-TR-32-1126] 24 p4118 A67-42601
- Spin resonance, Hall effect, and transport properties of poly(N-vinyl carbazole-iodine complex. [JPL-TR-32-1074] 24 p4205 A67-42602
- REMBEZA, S. I. Diffusion and electrical transfer of zinc in indium arsenide /Diffuziia i elektricheskii perenos tsinka v arsenide indii/. 01 p0127 A67-10068
- Diffusion and solubility of cadmium in indium arsenide /Diffuziia i rastvorimost' kadmila v arsenide indii/. 01 p0128 A67-10082
- Diffusion and electrical transport of zinc in indium arsenide. 08 p1371 A67-21451
- Diffusion and solubility of cadmium in indium arsenide. 08 p1371 A67-21459
- Diffusion of gold in indium arsenide /Diffuziia zolota v arsenide indii/. 14 p2368 A67-28537
- Diffusion of gold in indium arsenide. 23 p4040 A67-40944
- REME, H. Measurement of auroral X radiation /Mesure du rayonnement X auroral/. 10 p1702 A67-23304
- Spectrometry of primary protons and of protons of solar origin at Skogar-Iceland /L approximate 5.7/ /Spectrometrie de protons primaires et de protons d'origine solaire a Skogar-Islande /L approximate 5.7/. 12 p1991 A67-25114
- REMEZ, E. IA. Theorem of convex polyhedrons in conjunction with the problem of obtaining a set of solutions for a system of linear equations /Ob odnoi teoreme o vypuklykh mnogogrannikakh v svyazi s voprosom nakhozhdeniya sovopnostni reshenii sistemy lineinykh neravenstv/. 11 p1814 A67-24979
- REMIZOV, A. P. Signs of the moon's intersection of the tail of the earth's magnetosphere according to data from charged-particle traps in the first artificial satellite of the moon /Priznaki peresecheniya lunoi khvosta magnitosfery zemli po dannym lovshek zarizhennykh chastits na pervom iskusstvennom sputnike luny/. 01 p0145 A67-10908
- Results of experiments on the first artificial satellite of the moon, aimed at detecting a lunar ionosphere /Rezultaty eksperimentov po obnaruzheniiu lunnoi ionosfery, provedennykh na pervom iskusstvennom sputnike luny/. 03 p0513 A67-14066
- Results of an experimental study of plasma in circumlunar space with the aid of charged particle traps of the first artificial lunar satellite /Rezultaty eksperimentov po izucheniiu plazmy v okololunnom prostranstve s pomoshch'yu lovshek zarizhennykh chastits na pervom iskusstvennom sputnike luny/. 05 p0875 A67-16054
- Study of plasma in the neighborhood of the moon using charged-particle traps on the first lunar artificial satellite. 21 p3697 A67-37841
- REMMLER, K. L. An error analysis of navigation using inertial guidance and radar tracking. 11 p1817 A67-24334
- REMOISENET, M. Contribution of the ferroelectric mode to the heat conductivity of barium titanate /Contribution du mode ferroelectrique a la conductivite thermique du titanate de baryum/. 17 p2915 A67-32706
- REMONDIERE, A. Attitude control of a near-earth space probe /Contrôle d'attitude d'une sonde spatiale a mission proche/. [ONERA-TP-271] 16 p2758 A67-30653
- REMPE, W. H., JR. Research and development of materials for use as lubricants in a liquid hydrogen

- environment. 01 p0077 A67-10119
- REMSHARDT, R.**
New method for calculating the rise time of planar transistors, and its practical application /Ein neues Verfahren zur Berechnung der Anstiegszeiten von Planartransistoren und seine praktische Anwendung/. 20 p3395 A67-36299
- REMY-BATTIAU, L.**
Interpretation of the continuous spectra of comets. 07 p1250 A67-19668
Study of the continuous spectrum of comet heads. II /Etude du spectre continu des têtes de comètes. II/. 15 p2554 A67-29515
- REN, N.**
Flexural and extensional vibrations of two-layered plates. 10 p1718 A67-23140
- RENAN, J.-P.**
Preliminary results of measurements of the absorption by the earth's atmosphere and of the brightness temperature of the sun at a wavelength of 5.65 mm /Premiers résultats de mesures de l'absorption par l'atmosphère terrestre et de la température de brillance du soleil à 5.65 millimètres de longueur d'onde/. 22 p3897 A67-40560
- RENNARD, C.**
Determination of the electron density of the ionosphere above 100 km by local measurements of the VLF field radiated by a ground emitter /Détermination de la densité électronique de l'ionosphère au-dessus de 100 km d'altitude par la mesure locale du champ TBF rayonné par un émetteur au sol/. 03 p0413 A67-13531
Study of the ionosphere by means of rocket measurements of the VLF field radiated from a ground source. III /Etude de l'ionosphère au moyen des mesures en fusée du champ TBF rayonné par un émetteur au sol. III/. 18 p3041 A67-34233
- RENNARD, J. C.**
Low frequency resonances in pure niobium. 06 p1048 A67-17818
Superheating in pure superconducting niobium. 14 p2369 A67-28597
On the existence of several-quantum flux lines in type II superconductors. 20 p3505 A67-36206
- RENNARD, M. L.**
Command laws for magnetic attitude control of spin-stabilized earth satellites. 07 p1257 A67-19361
- RENAU, J.**
Depolarization of linearly polarized EM waves backscattered from rough metals and inhomogeneous dielectrics. 13 p2158 A67-26878
- RENDEIRO, J.**
Holograms and zone plates. 03 p0420 A67-13676
Realism of image formation in holograms. 05 p0809 A67-17530
- RENDLER, N. J.**
Hole-drilling strain-gage method of measuring residual stresses. 03 p0531 A67-14360
- RENEAU, L. R.**
A performance prediction method for unstalled, two-dimensional diffusers. [ASME PAPER 66-WA/FE-15] 04 p0548 A67-15351
- RENNER, H.**
Validity of one-dimensional models for the constricted anomalous H sub 2 glow discharge /Zur Gültigkeit eindimensionaler Modelle fuer die kontrollierte anomale H sub 2 Glühmentladung/. 19 p3274 A67-35100
- RENNER, TH.**
Oriented introduction of heavy-metal phases into InP /Der gerichtete einbau von Schwermetallphasen in InP/. 09 p1552 A67-21880
- RENNER, U.**
Gimbal-error-free determination of position by means of a vertical and a directional gyro /Kardanfehlerfreie Lagemessung mit Lot- und Kurskreisel/. 07 p1189 A67-20151
Structural analysis of a Cardan-suspended gyro /Strukturanalyse des kardanisch gelagerten Kreisels/. 20 p3454 A67-36954
- RENNHACK, E. H.**
Creep deformation of rolled Zn-Ti alloys. 03 p0440 A67-13251
- RENNICK, R.**
Isotope effects in the 77 deg K gamma irradiation of ice. 04 p0658 A67-15508
- RENO, V. R.**
Cardiac excitability in high magnetic fields. 05 p0755 A67-16282
- RENON, C.**
Effect of post-quenching deformation on the mechanical characteristics and the creep resistance of aluminum alloys used in aeronautics /Influence de la déformation après trempe sur les caractéristiques mécaniques et la résistance au fluage d'alliages d'aluminium utilisés en aéronautique/. [ONERA-TP-423] 09 p1519 A67-22156
- RENSCH, D.**
Inexpensive CO sub 2 molecular gas laser. 01 p0090 A67-10827
- RENSE, W. A.**
Solar hydrogen Lyman-alpha-profile spectrograph. 16 p2680 A67-31875
- RENTON, J. D.**
Buckling of frames composed of thin-walled members. 17 p2957 A67-32022
- RENTZ, W. A.**
Oxidation and sulfidation corrosion of nickel base superalloys. [ASM PAPER C6-18.5] 23 p4020 A67-41406
- RENTZEPIS, P. M.**
Second-harmonic generation in liquid crystals. 09 p1517 A67-22680
Proposed resonator for an X-ray laser. 13 p1216 A67-27012
Some approaches to vacuum UV and X-ray lasers. 18 p3060 A67-34015
- RENTZATTI, N. A.**
Data return capabilities of the deep space network in the 1970s. [AIAA PAPER 67-648] 20 p3387 A67-37628
- REPALOV, N. S.**
Nonlinear theory of longitudinal waves in a plasma. 22 p3845 A67-39421
- REPIC, E. M.**
Approach and entry corridors for aerobraking at Mars and Venus. 13 p2212 A67-26837
- REPNEV, A.**
Ionosphere as a binary two-temperature gas and its transfer coefficients. 10 p1640 A67-23220
Kinetic theory of the upper atmosphere /Kineticheskaia teoriia verkhnei atmosfery/. 16 p2666 A67-31166
- REPNEV, A. I.**
Effect of corpuscular streams and the reaction of photodetachment of electrons on the formation of the D layer of the ionosphere /O vliianii korpuskularnykh potokov i reakttsii fotootlpania elektronov na obrazovanie D-sloia ionosfery/. 09 p1491 A67-21894
Dissociative-recombination and ion-molecule reactions, and additional terms in the hydrodynamic equations of the upper atmosphere due to these reactions /Reakttsiia dissotsiativnoi rekombinatsii, ionno-molekularnye reakttsii i obuslovennyye imi dopolnitel'nye chleny k uravneniiam gidrodinamiki dlia verkhnei atmosfery/. 13 p2112 A67-26670
On the nature of D layer in the ionosphere. 19 p3218 A67-35227
- REPRYNSTAVA, S. M.**
Mechanism of motion and the heat transfer of dispersed material in a vertical channel /Ab mekhanizme rukhu i tseplaabme dyspersnaga materiyalu u vertykal'nykh kanalakh/. 17 p2967 A67-32132
- REPSHAS, K.**
Hall effect in hole-type germanium in strong electric fields /Effekt Kholla v dyrochnom germanii v sil'nykh elektricheskikh polakh/. 08 p1369 A67-20993
- REPSHAS, K. K.**
Study of the continuous electromotive force occurring within a semiconductor in a strong alternating electric field /Issledovanie postoiannoi elektrodvizhushchey sily, voznikalushchey v poluprovodnike v sil'nom peremennom elektricheskomo pole/. 20 p3513 A67-37449
Thermal EMF in semiconductors caused by hot carriers of current /Termoeds v poluprovodnikakh, obuslovennaia gorlachimi nositeliami toka/. 20 p3513 A67-37451
- REPUKHOV, V. M.**
Effect of the injection coefficient on the effectiveness of cooling of a plane surface in a turbulent flow by an air film /Vpliv koeffitsienta vduvannia na effektivnost' plivkovogo povitrnogo okhlozhdeniia ploskoi poverkhni u turbulentnomu pototsi/. 11 p1881 A67-23898
Investigation of the efficiency of a heat shield over a plane surface during injection through two tangential slots /Doslizhennia
- effektivnosti teplovoi zavisl nad ploskoiu poverkhneu pri vduvanni kriz' dvi tangentsial'ni shchelin/. 11 p1884 A67-25055
- REQUIEME, Y.**
Reception of time signals /Reception des signaux horaires/. 18 p3004 A67-34400
Photoelectric micrometer for the meridian instrument /Un micrometre photoelectrique pour l'instrument meriden/. 22 p3881 A67-39515
- RESHETNIAK, N. G.**
Possible reasons for the effect of electrode polarity on rail gun acceleration of plasma. 02 p0275 A67-12471
Limitation on plasmoid velocity in railotron devices. 02 p0275 A67-12472
- RESHETNIAK, T. I.**
Aging kinetics of alloys on the system Al-Si-Cu-Mg with modifying additions. 08 p1342 A67-20806
Electrical resistivity of alloys on the system Al-Si-Cu-Mg as a function of the heat treatment conditions. 08 p1342 A67-20807
- RESHETNIKOV, A. I.**
Lunar meteorological observatory for observations of the earth. 04 p0597 A67-15066
A lunar meteorological observatory for observations of the earth. 12 p1920 A67-25648
Some results of measuring the albedo of stratified clouds in the spectral range from 8 to 12 mu /Nekotorye rezultaty izmerenii al'bido sloistykh oblakov v oblasti spektra 8-12 mk/. 18 p3073 A67-33559
- RESHETNIKOV, E. M.**
Calculation of a sawtooth-voltage-oscillation shaping circuit /K raschetu kontura formirovaniia ploobraznykh kolebanii napriazheniia/. 13 p2089 A67-27704
- RESHOTKO, E.**
An analysis of the "laminar instability" problem in gas-cooled nuclear reactor passages. 19 p3260 A67-35743
- RESLER, E. L., JR.**
Regenerative thermomagnetic power. [ASME PAPER 66-WA/ENER-1] 04 p0555 A67-15414
Precursor studies in an electromagnetically driven shock tube. 08 p1363 A67-21380
Chemical studies using gasdynamic wave interactions. 11 p1773 A67-24535
Regenerative thermomagnetic power. [ASME PAPER 66-WA/ENER-1] 18 p2989 A67-34128
- RESNICK, R.**
The diffusion of carbon in tantalum monocarbide. 06 p1016 A67-17901
- RESNICK, S.**
A note on the angle accuracy of a monopulse radar using logarithmic normalization. 01 p0022 A67-10446
- RESSEGUIER, M.**
The guidance system of the Saphir G /Le système de guidage du Saphir G/. 16 p2701 A67-30800
- RESSLER, G. M.**
Far infrared bandpass filters and measurements on a reciprocal grid. 13 p2121 A67-27354
- RESTER, D. H.**
K-shell ionization of Ag, Sn, and Au from electron bombardment. 04 p0661 A67-15762
- RETALLICK, D. A.**
Some experiments on a free foil switching device. 08 p1281 A67-20457
Fluidic circuits used in a drilling sequence control. 08 p1281 A67-20458
- RETTBERG, R. J.**
Interference reduction potential of binomial-type pulses. 20 p3387 A67-37638
- RETTIE, I. H.**
The design and development of an air intake for a supersonic transport aircraft. [AIAA PAPER 67-752] 23 p4048 A67-40986
- REUBEN, R. R.**
Structural predictions of mean times between failures through maintenance activity for aircraft power systems. 09 p1560 A67-22287
- REUSS, J. H.**
Large cirrus bands as indicators of the boundaries and properties of air masses of the upper troposphere /Grossraeumige cirrus-baender als merkmale von luftmassengrenzen der hohen troposphaere und ihrer eigenschaften/. 19 p3252 A67-35527
- REUTER, H.**
From descriptive to theoretical synoptics /Von der deskriptiven zur theoretischen Synoptik/. 06 p1027 A67-18600
Baroclinic instability in a zonal and

- meridional basic flow /Zum Problem der baroklinen Instabilität in einer zonalen und meridionalen Grundströmung/. 06 p1027 A67-18602
- Cyclogenesis due to baroclinic instability in a zonal and meridional basic current /Zyklogenese durch barokline Instabilität in zonaler und meridionaler Grundströmung/. 19 p3252 A67-35528
- REUTSKII, V. IU.
Description of visual images by spectral redistribution functions /Oplis vizual'nykh zobrazen' funktsiiami pererazpodilu spektra/. 21 p3605 A67-39114
- REVA, N. I.
Determination of the electron temperature of a plasma by the soft X-ray bremsstrahlung. 02 p0274 A67-12461
- Investigation of fast ions produced in the interaction between escaping electrons and a plasma /Doslizhennia shvidkikh ioniv, iaki vinkaiut' pri vzaemodii tikaluchikh elektroniv z plazmou/. 13 p2184 A67-28402
- Measurement of the gas kinetic pressure of the plasma in a paramagnetic current column from the diamagnetic effect /Izmerenie gazokineticheskogo davleniia plazmy paramagnitnogo tokovogo shnurua po diamagnitnomu efektu/. 16 p2718 A67-31188
- REVAH, I.
The Garchy meteor radar - Observation of meteors and study of winds in the upper atmosphere /Le radar meteorique de Garchy - Observation des meteorites et etude des vents dans la haute atmosphere/. 13 p2195 A67-28467
- REVESZ, A. G.
Electronic interactions between silicon and silicon dioxide. 02 p0293 A67-11752
- REVENTON, A. M.
Time weighted energy control of discrete-data control systems. 06 p0977 A67-18531
- REVUZ, D.
On the additive functionals of the recurrent Markov processes /Sur les fonctionnelles additives des processus de Markov recurrents/. 18 p3071 A67-34182
- REWAY, J.
The angular spread of spread-F echoes. [AGARDOGRAPH 95] 15 p2480 A67-30278
- REX, D.
The efficiency of liquid metal MHD cycles with multistage injection. 12 p1897 A67-25379
- Efficiency of MHD processes with injection condensation /Zum Wirkungsgrad von MHD-Prozessen mit Einspritz-Kondensation/. 24 p4098 A67-42085
- REXER, J.
Precipitation processes in tantalum-chromium solid solutions /Ausscheidungsvorgaenge in Tantal-Chrom-Mischkristallen/. 23 p4018 A67-40712
- REY, G.
Analysis of two base-resistance measuring methods /Sur deux methodes de mesure de la resistance de base/. 05 p0807 A67-18949
- Role of the collector zone in the phenomenon of transistor saturation /Sur le role de la zone de collecteur dans le phenomene de saturation des transistors/. 09 p1482 A67-22569
- REY, L.
ESRANGE - European rocket launching site in Kiruna /ESRANGE - Europeiskt raketskjutfaelt i Kiruna/. 03 p0395 A67-13498
- REYLE, S. P.
On the compressible laminar boundary layer with suction. 22 p3788 A67-40421
- REYN, J. W.
Solutions in the hyperbolic region of an equation, which approximates Chaplygin's equation near the vacuum line. 12 p1962 A67-26181
- REYNAUD, C.
Crystallization of boric anhydride /Sur la cristallisation de l'anhydride borique/. 13 p2143 A67-26812
- REYNOLDS, B.
Broadband monopulse tracking feeds for a spherical Luneberg lens scanning antenna. 15 p2451 A67-29924
- REYNOLDS, C. A.
Superconducting and normal-state thermal conductivity of impure tin. 10 p1687 A67-22761
- Energy gap and thermal conductivity of pure and impure superconducting tin. 10 p1687 A67-22762
- REYNOLDS, D. C.
Sharp line emission due to preferential pairing in ZnO crystals. 06 p1060 A67-18914
- Coherent and noncoherent light emission in II-VI compounds. 11 p1801 A67-24735
- REYNOLDS, G. O.
Space-bandwidth theorem for holograms. 01 p0071 A67-11083
- Hologram coherence effects. 09 p1493 A67-21589
- Effect of source size on the resolution in Fourier-transform holography. 16 p2681 A67-31883
- Three dimensional hologram reconstruction and image speckle. 20 p3451 A67-37309
- Theory and Applications of Holography. 22 p3798 A67-39633
- REYNOLDS, H. H.
Suggestions for a comparative neurosciences research program. 07 p1135 A67-19864
- REYNOLDS, H. I.
A protective passenger smoke hood. 23 p3968 A67-41623
- REYNOLDS, J. F.
Radial density profile and critical magnetic field measurement for the helical instability in a hollow plasma column. 22 p3853 A67-40234
- REYNOLDS, J. H.
Xenon-iodine dating - Sharp Isochronism in chondrites. 12 p2002 A67-25525
- Spallation and fissionogenic xenon and krypton from stepwise heating of the Pasamonte achondrite - The case for extinct plutonium 244 in meteorites - Relative ages of chondrites and achondrites. 16 p2754 A67-31747
- REYNOLDS, J. M.
Electrohydrodynamic propellant management systems for cryogenic upper stages. 02 p0301 A67-12275
- Electrostatic fluid control for orbital tankage. 04 p0553 A67-14427
- REYNOLDS, J. R.
Transportability of space systems equipment. 01 p0169 A67-10623
- [SAE PAPER 660707]
- REYNOLDS, O.
The role of the scientist in automated laboratory systems. [AIAA PAPER 67-632] 20 p3375 A67-37615
- REYNOLDS, R.
Focusing of charged particles with hemispherical grids. 10 p1658 A67-23784
- REYNOLDS, R. A.
Temperature dependence of the relative efficiency of InAs diode emitters. 19 p3198 A67-36046
- REYNOLDS, R. T.
On the thermal history of the moon. 14 p2390 A67-28888
- REYNOLDS, W. C.
On the approximate and numerical solution of Orr-Sommerfeld problems. 11 p1781 A67-24552
- A shear-free turbulent boundary layer. 17 p2837 A67-32286
- REZGOL, I. A.
Analysis of the characteristics of a single-circuit space power installation with a thermoelectric converter /Analiz kharakteristik odnokonturnoi kosmicheskoi energoustanovki s termoelektricheskimi preobrazovatelem/. 10 p1596 A67-23019
- REZIKIAN, A. M.
Positive column between coaxial cylinders - Radial current /Polozhitel'nyi stolb mezhdru koaksial'nyimi tsilindrami - Radial'nyi tok/. 01 p0125 A67-10924
- REZNICHENKO, V. A.
Metallurgical, chemical, and electrochemical studies of titanium /Issledovaniia po metallurgii, khimii i elektrokhimii titana/. 24 p4169 A67-41918
- REZNICHENKO, V. IA.
Generation on CdS sub x -CdSe sub 1 sub -x mixed crystals in the presence of excitation by ruby laser emission /Generatsiia na smeshannykh kristallakh CdS sub x -CdSe sub 1 sub -x pri vozvuzhdenii izlucheniem rubinovogo OKG/. 03 p0436 A67-13153
- Generation in mixed CdS sub x -CdSe sub 1-x crystals excited with ruby laser radiation. 10 p1864 A67-23102
- Mechanism of generation of laser emission in CdS sub x-CdSe sub 1 sub -x crystals in the presence of two-photon excitation /O mekhanizme generatsii lazernogo izlucheniia v kristallakh CdS sub x-CdSe sub 1 sub -x pri dvukhfotonnom vozvuzhdenii/. 14 p2331 A67-28534
- Mechanism of generation of laser radiation in CdS sub x -CdSe sub 1 sub -x crystals in the case of two-photon excitation. 23 p4040 A67-40941
- REZNIK, B.
Oxidation protective coating of aerospace refractory metal components. [ASM PAPER C6-1.5] 23 p4020 A67-41407
- REZNIKOV, A. N.
Thermal stresses and displacements in flat wedges /Temperaturnye napriazheniia i peremeshcheniia v ploskikh klin'akh/. 13 p2219 A67-27058
- REZNIKOV, B. A.
Two matrix forms for the estimation of the parameters of motion of cosmic devices. 07 p1247 A67-19096
- Application of the dynamic filtering technique to problems of determining the trajectories of space vehicles. 14 p2382 A67-27853
- REZNIKOV, B. I.
Design of a light-gas gun with a light piston /Raschet legkogazovoi pushki s legkim porshnem/. 16 p2655 A67-31125
- Investigation of the ablation of low-melting models on a ballistic facility /Issledovanie unosa massy legkoplavkikh modelei na ballisticheskoi ustanovke/. 16 p2593 A67-31134
- Method of asymptotic integration of the laminar boundary-layer equations /Metod asimptoticheskogo integrirvaniia uravnenii laminarnogo pogranichnogo sloia/. 16 p2660 A67-31135
- Magnetohydrodynamic flow in the vicinity of the critical point in a purely azimuthal magnetic field /Magnitogidrodinamicheskoe techenie v okrestnosti kriticheskoi tochnki v chisto azimutal'nom magnitnom pole/. 22 p3853 A67-40011
- REZNIKOVA, I. I.
Luminescence of a europium chelate solution during intensive pulsed excitation /Svechenie rastvora kelata evropiia pri intensivnom impul'snom vozvuzhdenii/. 03 p0433 A67-12894
- RHEE, M. J.
Study of current-sheet in coaxial plasma accelerator. [AIAA PAPER 67-658] 21 p3671 A67-38694
- RHEIN, R. A.
The reaction between oxygen difluoride and diborane. I. [CI PAPER 67-10] 19 p3309 A67-35005
- RHEINBOLDT, W. C.
Computational methods for determining lower bounds for eigenvalues of operators in Hilbert space. 07 p1217 A67-20018
- On a class of approximate iterative processes. 07 p1218 A67-20212
- Monotone iterations for nonlinear equations with application to Gauss-Seidel methods. 16 p2697 A67-31331
- RHINES, P. B.
Boundary layer oscillations over a resonant surface. 16 p2660 A67-31214
- RHOADES, R. A.
Metabolic depression in animals exposed to air after living in a He-O sub 2 environment. 23 p3944 A67-40823
- A multipulse metabolimeter with a servo-driven volume meter for use with artificial atmospheres. 23 p3999 A67-41088
- RHOADES, W. E.
Early experience with the Boeing 727 QC airplane. [AIAA PAPER 67-395] 15 p2421 A67-30362
- RHOADES, W. T.
New test techniques for digital integrated circuits. 02 p0207 A67-12112
- RHOADS, F. J.
An investigation of the modal interference of VLF radio waves. 16 p2631 A67-31850
- RHODERICK, E. H.
Non-linearity in the voltage-current characteristic of a type-2 superconductor. 10 p1696 A67-23775
- RHODES, C. A.
Transmittance properties of a curved specularly reflecting duct irradiated by a collimated beam. 23 p4028 A67-41271
- RHODES, C. G.
Determination of omega phase morphology in Ti-35 percent Nb by transmission electron microscopy. 23 p4017 A67-40653
- Omega phase precipitation and superconducting critical transport currents in titanium-22 at. pct niobium /columbium/. 24 p4173 A67-42347

- RHODES, C. K.**
Progress and applications of Q-switching techniques using molecular gas lasers. 05 p0816 A67-18632
Measurement of some molecular vibrational-rotational parameters with an infrared heterodyning technique. 09 p1535 A67-22136
- RHODES, D. R.**
On the stored energy of planar apertures. 03 p0384 A67-13843
- RHODES, F. L.**
Wirecon - A wire-connected module system. 12 p1912 A67-25275
- RHODES, G. D.**
Extraction of secondary radar plots. 09 p1530 A67-22653
- RHODES, J.**
The urgent need for flight simulators for present and future aircraft. 13 p2090 A67-27263
- RHODES, J. M.**
Electroencephalographic baselines in astronaut candidates estimated by computation and pattern recognition techniques. 13 p2062 A67-26921
Electrophysiology of chimpanzees during rapid decompression. 18 p2991 A67-34713
- RHODIN, T. N.**
Surface asymmetry mechanism for fractional order peaks observed in LEED beams from metals. 19 p3246 A67-35783
- RHOTEN, M. L.**
The X-ray vidicon television image system. 10 p1622 A67-22929
- RHYNE, R. H.**
Study of flow-induced vibrations of a plate in narrow channels. [ASME PAPER 67-VIBR-32] 11 p1777 A67-24190
- RIABCHENKO, E. V.**
Glow-discharge siliconizing of metals. 19 p3242 A67-34917
- RIABCHENKO, V. M.**
Finding the framework diagram in the synthesis of optimum thin-walled systems /Ob otskanil skhemny karkasa pri sinteze optimal'nykh tonkostennykh sistem/. 02 p0340 A67-12443
Formulation of the problem of automating the design of thin-walled systems /K postanovke zadachi avtomatizatsii proektirovannogo rascheta tonkostennykh sistem/. 21 p3728 A67-38903
Algorithm for selecting the optimum parameters of thin-walled systems /Algoritmy vybora optimal'nykh parametrov tonkostennykh sistem/. 21 p3728 A67-38904
- RIABCHIKOV, A. N.**
Results of a radar study of the wind regime in the meteor zone. 13 p2110 A67-26552
- RIABENKIL, V. S.**
Theory of nonlinear oscillations of an electron plasma /K teorii nelineynykh kolebani elektronnoi plazmy/. 13 p2171 A67-27615
- RIABININ, A. G.**
Unsteady plane-parallel flow of a conducting fluid in an MHD channel during an arbitrary change of the pressure gradient in time /Neustanovivsheesia ploskoparallelnoe techenie provodiashchei zhidkosti v magnitogidrodinamicheskom kanale pri proizvol'nom izmenenii vo vremeni gradyenta davleniya/. 04 p0669 A67-15519
Unsteady flow of a conducting fluid in an MHD-generator channel at constant flow rate with allowance for the wall effect /Nestatsionarnoe techenie provodiashchei zhidkosti v kanale MGD generatora pri postoiannom raskhode s ucheto m villanila bokovykh stenok/. 16 p2705 A67-30449
Investigation of the unsteady flow of a conducting fluid in magnetohydrodynamic ducts. 21 p3663 A67-37935
Precise and approximate formulations of the problems for unsteady flows of conducting fluid in magnetohydrodynamic channels /O tochnoi i priblizhennoi postanovkakh zadach dlia nestatsionarnykh techenii provodiashchei zhidkosti v magnitogidrodinamicheskikh kanalakh/. 22 p3853 A67-40023
- RIABINOV, G. M.**
Supersonic gas flow past blunt bodies - Theoretical and experimental studies /Obtekanie zatuplennykh tel sverkhzvukovym potokom gaza - Teoreticheskoe i eksperimental'noe issledovanie/. 03 p0349 A67-12851
- RIABOV, B. F.**
A method of determining axial residual stresses in metal surface layers. 19 p3343 A67-35844
- RIABOV, V. IA.**
Measurement of atmospheric absorption of electromagnetic waves in the range from 0.78 to 1.15 mm /Izmerenie atmosfornogo pogloshchenia elektromagnitnykh voln v diapazone 0,78 - 1,15 mm/. 02 p0190 A67-11568
- RIABOVA, R. M.**
Effect of heat treatment on the mechanical properties of AT2 type alloys /Vlianie termicheskoi obrabotki na mekhanicheskie svoystva splovov tipa AT2/. 07 p1207 A67-19286
Mechanical properties and heat resistance of the ST1 titanium alloy in relation to heat treatment /Mekhanicheskie i zharoprochnye svoystva titanovogo splava ST1 v zavisimosti ot termicheskoi obrabotki/. 07 p1207 A67-19289
- RIADOV, V. IA.**
Width of the spectral absorption line of water vapor at lambda equals 0.92 mm /O shirine spektral'noi linii pogloshchenia vodianogo para lambda equals 0,92 mm/. 05 p0761 A67-16342
- RIAGIN, B. A.**
Heat exchange in a vortex region with transverse flow past a cylinder /Teplotobmen v vikhrevoi oblasti pri poperechnom obtekanii tsilindra/. 06 p1119 A67-18821
- RIASIN, V. A.**
Optimal strategy in correcting /Optimal'naya strategiya pri korrektsirovani/. 20 p3407 A67-36809
- RIAZANOV, E. V.**
Some partial solutions of equations describing axisymmetric motions of a gravitating rarefied plasma /Nekotorye chastnye resheniya uravnenii, opisyyvalushchikh osesimmetrichnye dvizheniya gravitirulushchei razrezhennoi plazmy/. 20 p3502 A67-37663
Pulsation of a rotating plasma cylinder at zero temperature gradient /Pulsatsiya vrashchalushchegosia plazmennogo tsilindra pri nulevom gradiente temperatury/. 21 p3663 A67-37931
Exact solutions of the equations describing the motion of a gravitating gas with uniform deformation and a transverse velocity component /O tochnykh resheniyakh uravnenii, opisyyvalushchikh dvizheniya gravitirulushchego gaza s odnorodnoi deformatsiei i transversal'noi sostavlyalushchei skorosti/. 22 p3739 A67-39216
- RIAZANOV, G. A.**
Electrical simulation of a flow past infinite-span wings and magnetic simulation of finite-span wings /Elektricheskoe modelirovanie obtekanila kryl'ev beskonечноgo razmakha i magnitnoe modelirovanie kryl'ev konechnogo razmakha/. 17 p2834 A67-32905
- RIAZANOV, V. P.**
Results of measurements of the radio emission of the moon at the wavelengths 7.93, 11.0, 14.2, and 20.8 cm /Rezultaty izmerenii radioizlucheniya luny na volnakh 7,93, 11,0, 14,2 i 20,8 cm/. 02 p0322 A67-11581
- RIAZANOVA, L. A.**
Role of heat inputs in the formation of a stratospheric thermal regime /O roli pritokov tepla v formirovani termicheskogo rezhima stratosfery/. 13 p2113 A67-26677
Temperature-wind conditions in the stratosphere from weather-rocket data /Temperaturno-vetrovoi rezhim stratosfery po dannym meteorologicheskikh raket/. 13 p2113 A67-26679
- RIAZHASKAIA, O. G.**
Calculation of neutron production by muons at different depths underground. 02 p0312 A67-12607
- RIBARICH, J. J.**
Propellant requirements for unmanned lunar and interplanetary soft landing vehicles. [AAS PAPER 66-129] 07 p1241 A67-19988
Propellant requirements for unmanned lunar and interplanetary soft landing vehicles. [AAS PAPER 66-129] 13 p2214 A67-27540
Surveyor guidance program. 15 p2514 A67-29599
Surveyor spacecraft landing accuracy. 19 p3257 A67-35943
- RIBE, F. L.**
Cooperative light scattering from theta-pinch plasmas. 17 p2899 A67-32274
Cooperative light scattering from delta-pinch plasmas. 22 p3842 A67-39208
High-beta plasmas in theta pinches and cusp experiments. 22 p3851 A67-39963
- RIBEIRO, S. T.**
Random-pulse machines. 18 p3006 A67-34063
- RIBEN, A. R.**
Electrical transport in nGe-pGaAs heterojunctions. 02 p0299 A67-12189
NGe-pGaAs heterojunctions. 03 p0494 A67-13478
- RIBERI, E.**
Graphical analysis of the behavior of a step-by-step extremal control system adapted to a process with a second-order inertia before the static characteristic /Analyse graphique du comportement d'un systeme de regulation extreme pas a pas adapte a un processus presentant une inertie du deuxieme ordre avant la caracteristique statique/. 03 p0393 A67-13884
- RIBES, J. C.**
Parametric amplifiers of high gain stability for radio astronomy /Amplificateurs parametriques a grande stabilite de gain pour la radioastronomie/. 12 p1912 A67-25296
- RIBLET, H. B.**
Time and frequency control for a world-wide Doppler tracking network for satellites. 15 p2436 A67-29592
- RICARD, J.**
Energy propagation and Poynting vector for a guided electromagnetic wave in a tube of square cross section /Propagation de l'energie et vecteur de Poynting pour une onde electromagnetique guidee dans un tube de section carree/. 13 p2070 A67-27207
- RICARD, J. H.**
Lunar AIMP photographic data processing system. 06 p1330 A67-20661
Digital control of an aerodynamically unstable vehicle /Pilotage numerique d'un engin aerodynamiquement instable/. 20 p3534 A67-37257
- RICARDI, L. J.**
A theoretical study of a multi-element scanning feed system for a parabolic cylinder. 02 p0211 A67-11600
Aperture feed for a spherical reflector. 11 p1761 A67-24281
- RICATEAU, P.**
Minimum volume MHD generator /Generateur MHD a volume minimum/. 09 p1443 A67-21800
Electrical conductivity of argon and cesium plasmas for MHD conversion /Conductivite electrique des plasmas argon, cesium pour conversion MHD/. 12 p1970 A67-25253
Effect of ionization saturation and duct shape on losses near walls /Effet de la saturation de l'ionisation et de la forme de la tuyere sur les pertes au voisinage des parois/. 16 p2711 A67-30536
Ionization outside equilibrium and relaxation of ionization in cesium-seeded argon /Neravnovesnaya ionizatsiya i relaksatsiya ionizatsii v argone s prisadkoii tseziya/. 17 p2894 A67-32152
Closed-cycle MHD conversion /La conversion magnetohydrodynamique en cycle ferme/. 24 p4099 A67-42416
- RICCHIAZZI, A.**
Plastic deformation of cylindrical missiles in impact. 22 p3914 A67-40182
- RICCI, R. C.**
A monolithic ferrite space memory. 02 p0208 A67-12162
- RICCIO, D. C.**
Modification of vestibular sensitivity in the rat. 20 p3371 A67-36818
- RICCIUS, R.**
VFW/Fiat VAK 191B - Joint project for a VSTOL strike aircraft. 23 p3934 A67-41255
- RICE, A. F.**
Saturn V guidance, navigation, and targeting. 17 p2881 A67-32057
- RICE, C. M.**
NERVA development status. 20 p3482 A67-36571
- RICE, D. K.**
Nonlinear scattering of microwaves by a travelling-wave density-modulated plasma column. 01 p0027 A67-11324
Measurements of microwaves scattered from a moving density-modulated plasma. 01 p0027 A67-11325

- RICE, D. R.**
An investigation into the effects of using simplified force models in the computation of state transition matrices. [AIAA PAPER 67-123] 06 p1087 A67-18455
- RICE, G.**
Optimization of generator parameters and of overall thermal efficiencies for an MHD-reactor system. 16 p2604 A67-30571
- RICE, J. E.**
Seastations in conjunction with submarine cables for aviation communication and navigation and for air traffic control. 09 p1530 A67-22652
- RICE, J. R.**
NAPSS - A numerical analysis problem solving system. 02 p0206 A67-11803
Contained plastic deformation near cracks and notches under longitudinal shear. 03 p0523 A67-13469
Approximation from a curve of functions. 12 p1960 A67-25257
Plastic yielding at a crack tip. 16 p2769 A67-31288
An examination of the fracture mechanics energy balance from the point of view of continuum mechanics. 16 p2770 A67-31289
Energy changes in stressed bodies due to void and crack growth. 22 p3911 A67-39679
Mechanics of crack tip deformation and extension by fatigue. 24 p4248 A67-41948
- RICE, L.**
Ultrahigh-vacuum effects on the mechanical behavior of molybdenum. 06 p1016 A67-17897
Microstructure associated with the peak effect/maximum in critical current density/in superconducting niobium. 14 p2375 A67-28999
- RICE, R. K.**
An interior penalty method for inequality constrained optimal control problems. 16 p2651 A67-31677
An interior penalty method for inequality constrained optimal control problems. 24 p4135 A67-42180
- RICE, W.**
Laminar flow between parallel plates with arbitrary time-varying pressure gradient and arbitrary initial velocity. 10 p1629 A67-23842
Flow at low Reynolds number with partial admission between rotating disks. 23 p3988 A67-40614
- RICH, A.**
Hydrogen bonding specificity of nucleic acid purines and pyrimidines in solution. 02 p0190 A67-11585
- RICH, E., JR.**
Prevention of protein denaturation during exposure to sterilization temperatures. 10 p1597 A67-22928
- RICH, G. J.**
Investigation of epitaxial silicon layers grown in the presence of small quantities of gold. 23 p4036 A67-40656
- RICH, J. C.**
Continuous ultraviolet absorption by neutral silicon. 12 p1968 A67-26248
- RICH, J. W.**
Population distributions during vibrational relaxation of diatomic gases. 18 p3081 A67-33782
- RICH, T.**
Stress-intensity factors for plate bending. 23 p4073 A67-40615
- RICHARD, B.**
Millimeter radiometry to effect measurements of the temperatures of the stratosphere /Radiometrie millimetrique destinee a la mesure des temperatures de la stratosphere/. 21 p3584 A67-38669
- RICHARD, C.**
Effect of detachment processes on plasma quenching by electronegative gases. 16 p2720 A67-31238
- RICHARD, J.-P.**
High order frequency shift measurement and general relativity. 03 p0466 A67-12848
Solar oblateness and moon precession. 23 p4066 A67-41014
- RICHARD, R. C.**
Fracture behavior of ultrahigh-strength-steel laminar composites. 22 p3822 A67-40056
- RICHARDS, B. E.**
Further experiments on transition reversal at hypersonic speeds. 04 p0604 A67-14836
Transitional and turbulent boundary layers on a cold flat plate in hypersonic flow. 21 p3815 A67-39080
- RICHARDS, C. G.**
A numerical study of the flow due to a rotating disk with a center sink. [ASME PAPER 67-FE-8] 20 p3425 A67-37599
- RICHARDS, E. J.**
Aircraft noise - Mitigating the nuisance. 05 p0751 A67-16385
Aircraft noise - Mitigating the nuisance. 09 p1439 A67-21702
- RICHARDS, G.**
Conceptual design for an active seismic experiment for the lunar surface. 19 p3323 A67-35328
- RICHARDS, G. G.**
Speech as the control element. 22 p3754 A67-39163
- RICHARDS, G. P.**
Redundancy reduction applied to coarse-fine encoded video. 24 p4123 A67-42806
- RICHARDS, J. K.**
Accuracies attained on the first 900 mile triangle in the Coast and Geodetic Survey's satellite triangulation program. 07 p1176 A67-19765
- RICHARDS, J. M.**
Personnel ready. 18 p3162 A67-34679
- RICHARDS, J. R.**
Possible new evidence bearing on the lunar capture hypothesis. 22 p3881 A67-39554
- RICHARDS, L. M.**
Automatic checkout systems for Titan III and Apollo guidance computer programs. 08 p1297 A67-20632
- RICHARDS, P. B.**
Lectures on regularization. 06 p1022 A67-17776
Recent Developments in Space Flight Mechanics, American Association for the Advancement of Science and American Astronautical Society, Special Astronautics Symposium, Berkeley, Calif., December 29, 1965, Proceedings. 08 p1384 A67-20616
A concept for space flight safety. 20 p3532 A67-36572
- RICHARDS, R. N.**
Advanced propulsion applications to new sounding rocket design. 08 p1374 A67-20492
- RICHARDS, R. S.**
Observations of quasars using interferometer baselines up to 3,074 km. 17 p2947 A67-32760
Diameters of some quasars at a wavelength of 66.9 cm. 24 p4226 A67-41876
- RICHARDS, T. J.**
A graphical method for predicting satellite lifetime based on a time-varying atmospheric density model. [AAS PAPER 66-96] 07 p1252 A67-19960
A graphical method for predicting satellite lifetime based on a time-varying atmospheric density model. [AAS PAPER 66-96] 13 p2208 A67-27520
- RICHARDS, W.**
Differences among color normals - Classes I and II. 20 p3372 A67-37026
- RICHARDSON, D. W.**
Effects of hypercapnia on human forearm blood vessels. 20 p3373 A67-37584
- RICHARDSON, H. H.**
A differential pulse-length modulated pneumatic servo utilizing floating flap disk switching valves. 16 p2609 A67-31865
- RICHARDSON, J. M.**
Linearized superposition theory of a classical one-component plasma. 11 p1826 A67-23871
Progress in the distribution of standard time and frequency, 1963 through 1965. 14 p2263 A67-28389
- RICHARDSON, J. R.**
The measured impedance of a dipole antenna in the ionosphere. 10 p1611 A67-23292
- RICHARDSON, K. A.**
Lunar Receiving Laboratory. 07 p1164 A67-20021
- RICHARDSON, M. C.**
Intensity dependent frequency shift in ruby laser giant pulses. 01 p0088 A67-10251
Optical sum generation of the two-frequency output of a giant pulse ruby laser. 20 p3458 A67-36389
A tunable, two frequency output, giant pulse ruby laser. 23 p4015 A67-41038
- RICHARDSON, P. C.**
Electrode techniques for recording heart rate continuously over long periods of time. 23 p3965 A67-41571
- RICHARDSON, P. D.**
Local details of the influence of a vertical sound field on heat transfer from a circular cylinder. 04 p0733 A67-15845
Effects of sound and vibrations on heat transfer. 12 p2039 A67-26167
- RICHARDSON, R. S.**
Toward a new astronomical imagination. 03 p0514 A67-14184
- RICHEY, E. A.**
Ion extractor system design. 06 p1075 A67-18877
High permeance accelerator grids for low voltage Kaufman thrusters. [AIAA PAPER 67-680] 21 p3692 A67-38711
Radially slotted grids for a Kaufman ion thruster. 24 p4208 A67-42929
- RICHMAN, D.**
Rapid vapor phase growth of high-resistivity GaP for electro-optic modulators. 11 p1848 A67-24747
- RICHMAN, I.**
Two-photon stepwise absorption in Er super 3 super plus doped salts. 13 p2177 A67-27013
- RICHMAN, J.**
Elements of the Kalman filtering technique. I - Theory. 01 p0048 A67-11257
Elements of the Kalman filtering technique. II. 06 p1028 A67-17720
Design of optimum mixer-filter for aircraft navigation systems. 17 p2825 A67-32525
- RICHMAN, J. W.**
Theoretical and experimental results using fiberglass as an abative material on the Black Brant III nose cone. 08 p1425 A67-20531
- RICHMAN, P.**
Characteristics and Operation of MOS Field-Effect Devices. 23 p3983 A67-41766
- RICHMOND, F. M.**
Progress in superalloys for SST jet engines. 20 p3469 A67-37358
- RICHMOND, J. C.**
Effect of surface roughness on emittance of nonmetals. [AIAA PAPER 65-675] 03 p0467 A67-13042
A laser source integrating sphere for the measurement of directional, hemispherical reflectance at high temperatures. [AIAA PAPER 67-300] 12 p2035 A67-26015
- RICHMOND, J. H.**
A wire-grid model for scattering by conducting bodies. 03 p0370 A67-13855
- RICHMOND, J. K.**
Electrical conductivity measurements in a Faraday accelerator. [AIAA PAPER 66-75] 01 p0014 A67-11177
New techniques for obtaining kinetic data with shock-induced combustion. [AIAA PAPER 67-105] 06 p1114 A67-18284
Wind-tunnel measurements of ignition delay using shock-induced combustion. [AIAA PAPER 67-162] 21 p3732 A67-38858
- RICHTER, F. G.**
Quasi-Doppler direction finder overcomes site problems. 11 p1794 A67-25005
- RICHTER, G.**
Determination of transport coefficients for minority carriers in InSb /Zur Bestimmung von Transportkoeffizienten fuer Minoritaetstraeger in InSb/. 07 p1209 A67-19652
Frequency broadening of the natural oscillations of a resonator due to an interaction with an atom /Frequenzverbreiterung einer Resonatoreigenschwingung durch Wechselwirkung mit einem atom/. 08 p1337 A67-20868
Concept and characteristics of the Concorde flight silencer. [AIAA PAPER 67-391] 15 p2549 A67-30359
Disappearance of the laser effect with very strong pumping /Verschwinden des Laser-Effektes bei sehr starkem Pumpen/. 18 p3059 A67-33672
- RICHTER, H.**
A program - Biological research in a manned space laboratory. 08 p1287 A67-21070
- RICHTER, H. K.**
Where are we now with all-weather landing/ques/. [AIAA PAPER 67-572] 19 p3258 A67-35968
- RICHTER, J.**
Determination of the abundance ratio C super 12/C super 13 in the solar atmosphere /Bestimmung des Haeufigkeitsverhaeltnisses C super 12/ C super 13 in der Sonnenatmosphaere/. 22 p3889 A67-40207
- RICHTER, J. H.**
Application of conformal mapping to earth-flattening procedures in radio propagation problems. 06 p0962 A67-18076
- RICHTER, P.**
Rotor system for high flight speeds

- /Rotorsystem fuer hohe
Fluggeschwindigkeiten/. 18 p2985 A67-33460
- RICHTER, S. L.
Guided waves in bounded media with
random gross inhomogeneities.
[SR-2] 09 p1460 A67-21593
- Perturbation analysis of axially
nonuniform electromagnetic structures using
nonlinear phase
progression. 16 p2626 A67-31345
- Electromagnetic propagating structures
with nonuniform gross
perturbations. 16 p2626 A67-31346
- RICHTER, W.
The organic geochemistry of ancient
sediments. II. 05 p0797 A67-16580
- Mean heat-transfer coefficient at a flat
plate with turbulent boundary layer at zero
incidence /Die mittlere
Waermeuebergangszahl an der laengs-
angestromten ebenen Platte bei turbulenter
Grenzschicht/. 20 p3543 A67-36275
- RICHTERING, H.
The oxidation of
hydrogen. 04 p0565 A67-15091
- RICKEL, D. G.
Preparation of thin self-supporting
beryllium foils. 17 p2866 A67-33360
- RICKLEY, G. B.
Microelectronic integrated checkout
equipment.
[AIAA PAPER 67-952] 24 p4133 A67-43036
- RICKLEY, W. P.
Comparison of electron-radiation damage
thresholds of silver at liquid-helium and
liquid-nitrogen
temperatures. 04 p0638 A67-15115
- RICKMAN, F.
Surveyor spacecraft
telecommunications. 02 p0196 A67-11998
- RICKMEYER, J. C.
The Army CH-54A in RVN, HLH on the
move.
[AHS PAPER 126] 16 p2598 A67-31841
- RIDDELL, W. C.
A navigational aid for manned
interplanetary flight. 15 p2514 A67-29598
- RIDDIHOUGH, R. P.
Daily variation of total magnetic field over
the British Isles. 20 p3429 A67-36870
- RIDDLE, G. C.
Sandwich-type structure providing novel
resistor configurations. 08 p1302 A67-20793
- Novel evaporated cermet
resistors. 18 p3014 A67-34550
- RIDENOUR, A. R.
Rush hour - Standard operating procedure.
[AIAA PAPER 67-398] 15 p2515 A67-30365
- RIDEOUT, V. L.
Pressure sensitivity of gold-potassium
tantalate Schottky barrier
diodes. 16 p2637 A67-31036
- RIDER, L. J.
Wind shear for small thickness layers.
[AIAA PAPER 66-352] 05 p0838 A67-17304
- RIDGELEY, A.
The ultraviolet emission spectrum of the
solar chromosphere and
corona. 16 p2752 A67-31625
- RIDGWAY, S. L.
Effects of pulsed ionizing radiation on
some selected quartz oscillator
crystals. 04 p0685 A67-15700
- RIDLEY, B. K.
Nonlinear theory of electrical domains in
the presence of trapping. 16 p2727 A67-30852
- RIDOLPHI, F.
Nuclear propulsion for manned Mars
expedition.
[AIAA PAPER 67-510] 18 p3077 A67-33974
- RIDYARD, J. N. A.
A complete Fourier spectroscopic system
for the far infrared. 20 p3437 A67-36340
- RIE, H.
Theoretical investigation of entry vehicle
stability in the Mars
atmosphere. 07 p1258 A67-19380
- RIEBER, J. E.
Computer works a new trick in seeing -
Pseudo-color processing. 11 p1789 A67-24250
- Graphical aids to aerospace vehicle
mission analysis.
[AIAA PAPER 67-897] 24 p4126 A67-43006
- RIEBLING, R. W.
Controlling the dimensions and orientation
of impinging propellant sheets in liquid
rocket engine injectors. 02 p0182 A67-11946
- Criteria for optimum propellant mixing in
impinging-jet injection
elements. 15 p2545 A67-29445
- Prediction of quaternary liquid
equilibria. 19 p3346 A67-35612
- RIECHE, R.
The Goose Lake meteorite and the Goose
Lake fragments. 19 p3323 A67-35424
- RIECK, G. D.
Tungsten and its
compounds. 14 p2336 A67-27890
- Reaction diffusion and Kirkendall-effect in
the nickel-aluminum
system. 21 p3645 A67-38775
- RIECK, H.
Construction of laser-diode impulse
generators by means of four-layer diodes
and thyristors /Aufbau von Laserdioden-
Impuls-generatoren mittels Vierschichtdioden
und Thyristoren/. 21 p3639 A67-37945
- RIEDEL, E. P.
Theory of dynamic optical distortion in
isotropic laser materials. 18 p3062 A67-34624
- Measurements of dynamic optical
distortion in Nd-doped glass laser
rods. 18 p3062 A67-34625
- RIEDEL, J. T.
Application of the thermal plasma in
nuclear technology /Zastosowanie plazmy
termicznej w technice
jadowej/. 09 p1545 A67-22172
- Generation of a thermionic plasma
termiczn-
elektrycznej/. 16 p2722 A67-31564
- RIEDINGER, L. A.
Departures - Structures and materials.
[AAS PAPER 67-81] 15 p2575 A67-29948
- Integrated structural design for man-rated
space vehicles. 16 p2756 A67-30630
- Missile and space
structures. 22 p3915 A67-40330
- RIEDLER, W.
Preliminary report on measurements with
balloon-borne detectors in Northern
Scandinavia during the solar proton event of
July 7, 1966. 05 p0882 A67-16740
- Energy variations of auroral electrons
according to balloon
measurements. 10 p1702 A67-23305
- Some properties of the slowly varying
ionospheric absorption events in the auroral
zone. 17 p2845 A67-32794
- Balloon measurements of solar protons in
northern Scandinavia on July 7,
1966. 19 p3312 A67-35175
- RIEGEL, K. W.
The galactic radio source W49 at 3.4
mm. 20 p3527 A67-37393
- RIEGELS, F. W.
Aerodynamics. 14 p2239 A67-27874
- RIEGER, E.
Motion of artificial ion clouds in the
upper atmosphere. 08 p1326 A67-21357
- Motion of artificial ion clouds in the
upper atmosphere. 10 p1644 A67-23254
- RIEGLER, R. L.
The mutual interpretation of active and
passive microwave sensor
outputs. 01 p0021 A67-10333
- RIELY, P. E.
Microbial interactions of men and their
environment inside a closed
system. 21 p3577 A67-38899
- Certain aspects of microbial interaction
between men and their environment in
closed systems. 23 p3962 A67-40858
- Personal hygiene and sanitation for
manned space systems. 23 p3967 A67-41611
- Significant differences /both qualitative
and quantitative/ in microbial levels in
closed environments. 23 p3957 A67-41642
- Unusual aspects of indigenous microflora
as determined in men undergoing simulated
space conditions. 23 p3958 A67-41656
- RIEMANN, V.
Infrared-sensitive supersonic absorption in
GaAs /Ultrarotempfindliche
Ultraschallabsorption in
GaAs/. 17 p2914 A67-32401
- RIEMENSDIDER, D. K.
Reduction of microbial shedding from
humans. 20 p3374 A67-36802
- Reduction of microbial shedding from
humans. 23 p3962 A67-40857
- RIES, G.
Results concerning the sunrise effect of
VLF signals propagated over long
paths. 16 p2630 A67-31849
- RIES, G. D.
Welding of quenched and tempered 9Ni-
4Co steels. 01 p0081 A67-11041
- RIES, R. P.
A superconducting parametric amplifier
for the measurement of small DC
voltages. 22 p3866 A67-40441
- RIESENFELD, W.
On the theory of velocity distributions
associated with bounded quiescent
plasmas. 11 p1833 A67-24372
- RIESTER, E.
Ejector and hot-water supply for the ram-
jet power-plant altitude-test stand in Trauen
/Ejektor und Heisswasserversorgung fuer
den Staustahltriebwerkschoehenpruefstand in
Trauen/. 17 p2834 A67-32817
- RIETHMULLER, J.
Integrated MOS analog gate for space
telemetry switches /Porte analogique
integree a MOS pour commutateur de
telemesures spatiales/. 21 p3592 A67-38227
- RIETJENS, L. H. TH.
Rotating plasma experiments in the B-3
stellarator. 08 p1361 A67-21137
- Equilibrium and stability of a toroidal
screw pinch. 11 p1827 A67-23888
- RIEUFTORD, E.
Shock tube study of the structure of the
shock wave emanating from the gas
fluorescence excited by a fast electron beam
/Etude en tube a choc de la structure de
l'onde de choc a partir de la fluorescence
du gaz excite par un faisceau d'electrons
rapides/. 24 p4145 A67-42663
- RIFAAT, A.
Isodensitometric measurements of lunar
slopes from the Ranger
photographs. 18 p3133 A67-34335
- RIFAAT, A. S.
Photometric studies of two lunar
domes. 23 p4066 A67-41013
- RIFE, D. O.
Analysis of the response of a gyroscope
equipped with a nutation damper to
translational
accelerations. 12 p1942 A67-25679
- RIGAUT, F.
Determination of transonic-blade cascades
by a mixed analog-numerical method
/Determination de grilles d'aubes
transsoniques par une methode mixte
analogique-numerique/. 16 p2594 A67-31710
- Determination of transonic jets by the
electrical-analogy method /Determination de
jets transsoniques par la methode d'analogie
electrique/. 18 p2982 A67-33684
- RIGAUX, C.
Oscillatory magneto-absorption in
tellurium. 06 p1080 A67-18919
- RIGDEN, J. D.
Recent developments in CO sub 2
lasers. 05 p0816 A67-16629
- RIGDON, W. S.
Stagnation-point heating including spectral
radiative transfer. 16 p2591 A67-30940
- RIGGS, R. F.
The angular accuracy of monopulse radar
in the presence of
clutter. 02 p0201 A67-12114
- RIGHETTI, G. B.
An experiment on destruction of coherent
motion in a quiescent
plasma. 11 p1837 A67-24394
- An experiment on destruction of coherent
motion in a quiescent
plasma. 13 p2166 A67-26731
- RIGHINI, A.
Limb darkening observed during the
annular solar eclipse of May 20, 1966
/L'oscuramento al bordo osservato durante
l'eclisse anulare di sole del 20 maggio
1966/. 20 p3529 A67-37502
- Center-to-limb variations of the
Fraunhofer lines in the spectral interval
from 4000 to 5000 angstrom units observed
during the solar eclipse of May 20, 1966
/Variazioni centro-limbo delle righe di
Fraunhofer nell'intervallo spettrale 4000 -
5000 angstrom units osservate durante
l'eclisse solare del 20 maggio
1966/. 20 p3453 A67-37682
- The solar corona during the total eclipse
of Nov. 12, 1966, and the apparent position
of the sun's magnetic poles /La corona
solare nell'eclisse totale del 12 novembre
1966 e la posizione apparente dei poli
magnetici del sole/. 24 p4227 A67-42153
- The spectrum of the solar corona during
the total eclipse of Nov. 12, 1966 /Lo spettro
della corona solare nell'eclisse totale del 12
Novembre 1966/. 24 p4154 A67-42157
- RIGLER, A. K.
Reflection holograms of focused
images. 20 p3435 A67-36201
- RIGNEY, J. W.
Bayesian aspects of trouble shooting
behavior. 09 p1456 A67-22369

- RIGONI, R.**
Positions of Echo 1, Echo 2, and a satellite during the reentry stage, observed at Asiago in 1964 /Posizioni di Echo 1, di Echo II e di un satellite in fase di caduta, rilevate ad Asiago nel 1964/. 03 p0509 A67-13105
- RIGUTTI, M.**
Limb darkening observed during the annular solar eclipse of May 20, 1966 /L'oscuramento al bordo osservato durante l'eclisse anulare di sole del 20 maggio 1966/. 20 p3529 A67-37502
Center-to-limb variations of the Fraunhofer lines in the spectral interval from 4000 to 5000 angstrom units observed during the solar eclipse of May 20, 1966 /Variazioni centro-limbo delle righe di Fraunhofer nell'intervallo spettrale 4000 - 5000 angstrom units osservate durante l'eclisse solare del 20 maggio 1966/. 20 p3453 A67-37682
The corona at the total solar eclipse of 1952 February 25. II. 22 p3889 A67-40206
The solar corona during the total eclipse of Nov. 12, 1966, and the apparent position of the sun's magnetic poles /La corona solare nell'eclisse totale del 12 novembre 1966 e la posizione apparente dei poli magnetici del sole/. 24 p4227 A67-42153
The spectrum of the solar corona during the total eclipse of Nov. 12, 1966 /Lo spettro della corona solare nell'eclisse totale del 12 Novembre 1966/. 24 p4154 A67-42157
- RIHACZEK, A. W.**
Doppler-tolerant signal waveforms. 01 p0023 A67-10464
Target resolution - Capabilities of modern radar and fundamental limits. 04 p0572 A67-15034
Radar resolution of moving targets. 12 p1907 A67-26083
Radar waveforms for suppression of extended clutter. 16 p2625 A67-31270
Delay-Doppler ambiguity function for wideband signals. 18 p3001 A67-34114
- RIIHIMAA, J. J.**
Spectral types of decametric radiation from Jupiter. 05 p0898 A67-16927
Faraday rotation effects in spectral records of Jupiter's decametric radiation. 09 p1568 A67-22401
- RIIVES, V. G.**
Photographic photometry of comets /Fotograficheskaia fotometriia komet/. 05 p0890 A67-16332
- RIKENGLAZ, M. M.**
Calculation of averaged cross sections for electron-induced resonance charge exchange and ionization of an accelerated beam of atoms /Raschet usrednennykh sechenii rezonansnoi perezarladki i ionizatsii elektronami uskorennoogo atomarnogo puchka/. 02 p0278 A67-12629
Calculation of average cross sections for ionization and resonant charge transfer for the electrons in an accelerated atomic beam. 13 p2171 A67-27387
- RILEY, J.**
The spread of a turbulent plane jet issuing into a parallel moving airstream. 08 p1321 A67-20713
- RILEY, J. D.**
Numerical integration of variational equations. 20 p3478 A67-37212
- RILEY, J. S.**
The Gemini carbon dioxide sensor. 05 p0806 A67-16549
- RILEY, K. L.**
Flow losses in flexible hose. 22 p3785 A67-39971
- RILEY, N.**
The swirling, radial free jet in the presence of a transverse magnetic field. 01 p0124 A67-10800
Thermally induced boundary-layer flows in a rotating environment. 20 p3421 A67-36843
- RILEY, W. F.**
Initial studies in three-dimensional dynamic photoelasticity. 17 p2959 A67-32415
- RILLINGS, J. H.**
Control of a nonlinear plant with two level input using a tabular adaptive-predictive model. 02 p0225 A67-12136
Bang-bang control strategy using a tabular adaptive model. 19 p3199 A67-34784
- RIM, K.**
A comparison of direct methods in plane elasticity. 05 p0925 A67-17370
A method of solving certain plane problems of contained elasto-plasticity. 23 p4077 A67-40754
- RIMAWI, W. H.**
Limit analysis by direct method of variation. 23 p4074 A67-40629
- RIMER, M.**
Dynamic analysis of a combined lunar module - Command service module. 17 p2955 A67-32478
- RIMROTT, F. P. J.**
STEM self-extension velocities. 06 p1008 A67-18594
- RIMSKII, G. V.**
Automation principles in control system design based on the theory of root trajectories /Printsipy avtomatizatsii proektirovaniia sistem upravleniia na osnove teorii kornevykh traektorii/. 13 p2085 A67-26394
- RINALDI, D.**
Measurement of thermal diffusivity by the short signal method /Mesure de la diffusivite thermique par la methode du signal bref/. 24 p4153 A67-41906
- RINALDI, S.**
Heat exchanger transfer functions. [ASME PAPER 67-HT-5] 20 p3544 A67-36704
Analysis of discrete Markov systems using stochastic graphs. 22 p3777 A67-39830
- RINCK, G.**
The international factors in German air transport. 12 p2040 A67-25490
- RINDAL, R. A.**
A multicomponent boundary layer chemically coupled to an ablating surface. [AIAA PAPER 65-642] 14 p2297 A67-28108
- RINDLER, W.**
Kruskal space and the uniformly accelerated frame. 05 p0847 A67-16970
- RINDNER, W.**
Effects of stress-induced band-gap widening and defects in GaAs junctions. 04 p0677 A67-15107
Tunnel and excess currents in stressed Esaki diodes. 21 p3590 A67-38152
- RINEHART, M. C.**
Diffusion of solar protons. 17 p2937 A67-32539
- RINEHART, W. A.**
Aerothermodynamic testing of heat protective systems in an arc tunnel. 15 p2466 A67-29538
- RINEY, T. D.**
Effectiveness of meteoroid bumpers composed of two layers of distinct materials. 10 p1725 A67-23716
- RING, J.**
Techniques of observation of lunar luminescence. 08 p1390 A67-21020
Detecting planetary life from earth. 11 p1747 A67-24063
A multiplex grating spectrometer. 20 p3437 A67-36339
The use of a pressure-scanned Fabry-Perot interferometer for twilight sky and zodiacal light observations. 20 p3440 A67-36361
- RING, L. E.**
Status of MHD accelerators for test facilities. 14 p2294 A67-29042
- RINGENBACH, G.**
Reception antenna of the ONERA weightlessness laboratory /Antenne de reception du laboratoire d'impesanteur/. [ONERA-TP-374] 01 p0039 A67-11004
Antenna for a tube for experiments on weightlessness /Antenne pour tube d'essais en impesanteur/. 14 p2278 A67-27897
Hematological adaptation to altitude - Studies of aeronautical medicine and studies carried out at the Jungfraujoch and Pic du Midi observatories /L'adaptation hematologique a l'altitude - Recherches de medecine aeronautique et des observatoires du Jungfraujoch et du Pic du Midi/. 23 p3945 A67-41073
- RINGER, H.**
Measurements on a stationary DC hydrogen arc with flow in an axial magnetic field. 19 p3274 A67-35103
- RINGWOOD, A. E.**
The chemical composition and origin of the earth. 07 p1170 A67-19336
- RINK, L. P.**
Titanium alloys for cryogenic technology /Titanovye splavy dlia kriogennoi tekhniki/. 17 p2873 A67-32768
- RIOULT, J. P.**
Plastic molded transistors for hybrid integrated circuits - Production and reliability /Transistors "enrobés plastiques" pour circuits integres hybrides - Realisation et fiabilite/. 13 p2077 A67-26651
- RIPIANU, D.**
Current investigations concerning the Ch. de la Vallee Poussin equation in association with polylocal problem in the theory of differential equations /Quelques recherches actuelles concernant l'equation de Ch. de la Vallee Poussin relative au probleme polylocal dans la theorie des equations differentielles/. 13 p2147 A67-27467
- RIPLING, E. J.**
Use of crack-line-loaded specimens for measuring plane-strain fracture toughness. 22 p3820 A67-39630
- RIPPER, E.**
Modern methods for studying propellants /Ueber neuere Verfahren in der Treibmitteluntersuchung/. 13 p2185 A67-26425
- RIPPER, J. E.**
Direct frequency modulation of a semiconductor laser by ultrasonic waves. 05 p0821 A67-16671
Frequency modulation and demodulation of a gallium arsenide injection laser using ultrasonic waves. 15 p2499 A67-29731
- RIPS, E. M.**
Calculating amplifier poles and zeros with a digital computer. 07 p1157 A67-20091
- RISAVI, A.**
The speech audiometry and hearing loss of the middle aged pilots. 22 p3753 A67-40545
- RISEBERG, L. A.**
Multiphonon relaxation of near-infrared excited states of LaCl sub 3 - Dy super 3 super plus. 19 p3302 A67-35035
- RISHBETH, H.**
F2-layer rates at sunspot minimum. 01 p0056 A67-10108
Diffusive equilibrium in the topside equatorial ionosphere. 06 p0997 A67-18697
A review of ionospheric F region theory. 07 p1177 A67-19785
Ionospheric evidence for composition changes. 10 p1647 A67-23274
The effect of winds on the ionospheric F2-peak. 10 p1650 A67-23336
Transequatorial diffusion in the topside ionosphere. 20 p3431 A67-37098
- RISHEL, R. W.**
An example concerning rockets capable of impulsive thrust. 04 p0707 A67-15881
Optimal terminal guidance of an air to surface missile. 19 p3258 A67-35975
- RISKEN, H.**
Quantum theory of noise in gas and solid state lasers with an inhomogeneously broadened line. I. 04 p0632 A67-14949
The influence of higher order contributions to the correlation function of the intensity fluctuation in a laser near threshold. 15 p2496 A67-29091
Quantummechanical solutions of the laser master-equation. I. 15 p2501 A67-30124
Quantummechanical solutions of the laser master-equation. II. 20 p3461 A67-37182
The transient solution of the laser Fokker-Planck equation. 20 p3461 A67-37183
- RISSE, V. V.**
A "trapped-mode" resonator for microwave filter applications. 02 p0217 A67-12091
- RIST, D.**
First-stage propulsion problems of space transport vehicles /Antriebsprobleme bei Erststufen von Raumtransportern/. 23 p4049 A67-41318
- RISTOV, M.**
Microwave lenses with nonlinear refractive index. 11 p1752 A67-242125
- RITCH, E. R., JR.**
PRINCE/APIC - A centralized parts and materials information center for the reliability engineer. 18 p3007 A67-34659
- RITCHART, R. C.**
Fundamentals of computer graphics. [ASTME PAPER WES-7-02] 11 p1756 A67-24253
- RITCHIE, D. W.**
Multikilowatt solar arrays. 23 p3939 A67-41512
- RITENOUR, R. L.**
Problems of data acquisition, processing and transmission aboard manned spacecraft. 20 p3442 A67-36468
- RITER, J. R., JR.**
Confirmation of the predicted Hartree-Fock limit in BeH sub 2. 20 p3377 A67-37139
Estimate of the total energy of the BeH sub 2 molecule. 24 p4118 A67-41926
- RITTENHOUSE, J. B.**
The effects of space environment on structural materials.

- [SAE PAPER 860675] 01 p0094 A67-10581
Powder metallurgy applications in space vehicle systems. 01 p0100 A67-10712
The performance of unmanned spacecraft in space. 20 p3532 A67-36573
- RITTER, E.**
Optical film materials and their applications. 13 p2158 A67-27076
- RITTER, G. D.**
The reliability contribution of the pilot to a large launch vehicle control system. [AIAA PAPER 67-554] 19 p3335 A67-35951
- RITTER, J. E., JR.**
Adherence and wettability of nickel, nickel-titanium alloys, and nickel-chromium alloys to sapphire. 08 p1343 A67-21543
- RITTER, K.**
A method for solving maximum-problems with a nonconcave quadratic objective function. 04 p0644 A67-14772
On stationary points of nonlinear maximum-problems in Banach spaces. [DVL-642] 04 p0594 A67-15880
- RITTER, O. L.**
Characteristics of parking orbits in circummartian space. 09 p1564 A67-21716
GravispHERE, gravipause - Astronautical aspect. 19 p3323 A67-35337
- RITTER, R. C.**
The annular lithium-drifted germanium detector as a standard-geometry gamma spectrometer. 12 p1945 A67-25861
Linearity of a Ge/Li detector in the range 0.5 to 10 Mev. 23 p3998 A67-40819
- RITTNER, E. S.**
Transition from pentode to triode-like characteristics in field effect transistors. 11 p1759 A67-24138
- RITZINGER, F. R., JR.**
Altitude decompression sickness - Current concepts in terminology, pathophysiology and treatment. 23 p3950 A67-41545
Studies on an advanced passively pressurizing partial pressure suit. 23 p3969 A67-41647
- RIUTOV, D. D.**
Combination scattering of SHF radiation induced by ion-acoustic oscillations in a bounded plasma /Kombinatsonnoe rasselanie sverkhvysokochastotnogo izlucheniia ionno-zvukovymi kolebaniiami ogranichennoi plazmy/. 12 p1974 A67-25447
Raman scattering of ultrahigh-frequency radiation by ion-acoustic vibrations of a confined plasma. 21 p3674 A67-38821
- RIVA, G. M.**
Operational power amplifiers /Amplificatori operazionali di potenza/. 24 p4131 A67-42411
- RIVAUD, R.**
Radio whistlers /Sifflements radioelectriques/. 14 p2265 A67-28413
- RIVENES, A. S.**
Expandable metal honeycombs for high-temperature, load-bearing structures. [ASME PAPER 67-DE-14] 14 p2402 A67-28870
- RIVERA, M.**
Stability of high polymers placed in a simulated space environment - Study of their specific degassing with the aid of a residual-gas analyzer /Stabilite de hauts polymeres places dans des conditions spatiales simulees - Etude de leur degazage specifique a l'aide d'un analyseur de gaz residuels/. 05 p0832 A67-16304
- RIVERS, W. J.**
Film free convection in helium II. [ASME PAPER 65-WA/HT-10] 03 p0536 A67-14007
- RIVIER, D.**
Superconductivity and electromagnetic potentials /supraconductivite et potentiels electromagnetiques/. 22 p3863 A67-40198
- RIVIER, E.**
An inductive /and capacitive/ tunable tunnel-diode harmonic generator in waveguide. 01 p0035 A67-10437
Spectrum of a tunnel-diode oscillator in a waveguide mounting /Spectre d'un oscilateur a diode tunnel en monture guide d'onde/. 18 p3011 A67-34232
- RIVIERE, A. C.**
Radial distribution of plasma formed in simple mirror machines by field ionization of fast neutral atoms. 04 p0671 A67-15644
A simple model for the yield of excited hydrogen atoms as a function of gas target thickness. 16 p2714 A67-30874
The yield of excited atoms in a beam formed by charge exchange in a partially ionized gas target. 22 p3852 A67-39987
- RIVKIN, S. S.**
General formula for the Cardan error of a directional gyro on a rocking base /Obshchaia formula Kardanovoi pogreshnosti gloskopa napravleniia, ustanovlennogo na kachalushchemsia osnovanii/. 03 p0425 A67-14281
- RIVKIND, V. IA.**
A finite-difference method of solving degenerate elliptic and parabolic equations /Konechnoraznostnyi metod resheniia vyrozhdalushchikhsia ellipticheskikh i parabolicheskikh uravnenii/. 15 p2511 A67-30008
Finite-difference method of solving degenerate elliptic and parabolic equations /Konechno-raznostnyi metod resheniia vyrozhdalushchikhsia ellipticheskikh i parabolicheskikh uravnenii/. 24 p4178 A67-42269
- RIVLIN, L. A.**
Self modulation of emission from an injection semiconductor laser. 06 p1009 A67-17756
Emission of a short single pulse by an injection semiconductor laser. 09 p1516 A67-22659
- RIVLIN, R. S.**
The fundamental equations of nonlinear continuum mechanics. 11 p1819 A67-24533
- RIZOL, A. I.**
Analysis of the microgeometry of fractures. 22 p3823 A67-40300
- RIZVI, M. H.**
Selection from multivariate normal populations. 23 p4024 A67-41084
- RIZZO, J. E.**
Probing microcontrol in depth. II. 05 p0770 A67-16236
- ROACH, D. B.**
Short-time tensile and long-time creep-rupture properties of the HK-40 alloy and type 310 stainless steel at temperatures to 2000 deg F. [ASME PAPER 66-WA/MET-2] 04 p0639 A67-15344
The short-time tensile and long-time creep-rupture properties of the HF and HH alloys. [ASTM PAPER 52] 18 p3068 A67-34582
- ROACH, D. V.**
Determination of the thermal accommodation coefficients of gases on clean surfaces at temperatures above 300 deg K by the temperature jump method. 13 p2223 A67-26943
- ROACH, F. E.**
The worldwide morphology of the atomic oxygen nightglows. 18 p3032 A67-33580
Airglow research. 20 p3430 A67-36905
- ROACH, J. W.**
Safety in flight operations. [AIAA PAPER 67-824] 24 p4243 A67-42971
- ROACH, W. T.**
On the nature of the summit areas of severe storms in Oklahoma. 19 p3252 A67-35057
- ROACHE, P. J.**
A combined visual and hot-wire anemometer investigation of boundary layer transitions. [AIAA PAPER 67-129] 06 p0939 A67-18314
- ROARK, A. L.**
End effect in semi-infinite transversely isotropic cylinders. 17 p2962 A67-33014
A note on the end effect in isotropic cylinders. 17 p2963 A67-33019
- ROARK, T. P.**
Light from reflection nebulae. I. 11 p1861 A67-24487
- ROBAKIDZE, Z. P.**
Method of determining the total number of particles and the coordinates of the axis-passage point for an extensive atmospheric shower of cosmic radiation /Ob odnom metode opredeleniia polnogo chisla chastits i koordinat tochk prokhozheniia osi shirokogo atmosfernogo livnia kosmicheskogo izlucheniia/. 03 p0507 A67-14059
- ROBAUX, O.**
Investigations of optimum compromises - Resolution - Signal-to-noise ratio in problems of superresolution by convolution /Recherches des meilleurs compromis - Resolution - Signal/bruit dans les problemes de super resolution par convolution/. 20 p3441 A67-36365
- ROBB, J. D.**
Triggered lightning strokes at very close range. 22 p3793 A67-39979
- ROBBI, A. D.**
Low-drive, temperature stable ferrite for laminated memory arrays. 22 p3861 A67-39914
- ROBBINS, C. D.**
Laboratory techniques for utilization of a shock synthesizer/analyzer. 12 p1942 A67-25693
- ROBBINS, D. L.**
High-strength, high-modulus glass fibers. 21 p3648 A67-37879
- ROBBINS, E. J.**
The ionization potentials of clustered sodium atoms. 21 p3660 A67-39109
- ROBBINS, H. M.**
Optimal rocket trajectories with subarcs of intermediate thrust. 02 p0335 A67-12397
A generalized Legendre-Clebsch condition for the singular cases of optimal control. 21 p3602 A67-38023
- ROBBINS, O. G.**
V-STOL aircraft gas turbine requirements. [ASME PAPER 67-GT-48] 11 p1744 A67-24809
- ROBBINS, W. P.**
A frequency-selective limiter using magnetoelastic instability. 13 p2077 A67-26523
- ROBE, H.**
Oscillations of compressible cylinders /Oscillations des cylindres compressibles/. 22 p3896 A67-40526
- ROBE, T. R.**
Dynamics of an elastic satellite. I. 13 p2212 A67-26905
Dynamics of an elastic satellite. II. 17 p2956 A67-32779
- ROBERSON, R. E.**
Gravitational equilibria of a rigid body containing symmetric rotors. 02 p0268 A67-12385
The gravitational environment within an earth satellite. 05 p0796 A67-16518
- ROBERT, A.**
Travelling-wave 8mm maser. 07 p1196 A67-19605
Study of a traveling wave maser at 8 mm wavelength /Etude d'un maser a onde progressive de 8 mm de longueur d'onde/. 12 p1951 A67-25295
Millimeter wave radiometry /Radiometrie en ondes millimetriques/. 14 p2285 A67-28402
Preamplifier operating at a wavelength of 8 mm with a very low noise temperature /Un preamplificateur a 8 mm de longueur d'onde a tres faible temperature de bruit/. 21 p3641 A67-38640
Millimeter radiometry to effect measurements of the temperatures of the stratosphere /Radiometrie millimetrique destinee a la mesure des temperatures de la stratosphere/. 21 p3584 A67-38669
- ROBERT, A. H.**
New method for determining the total principal constraints in a two-dimensional photoelastic medium /Nouvelle methode pour determiner la somme des contraintes principales dans un milieu bidimensionnel photoelastique/. 24 p4251 A67-42658
- ROBERT, A. J.**
The integration of a low order spectral form of the primitive meteorological equations. 06 p1025 A67-18051
New methods in photoelasticity. 13 p2219 A67-27092
- ROBERT, C.**
Contribution to the study of heat transfer between an incompressible fluid and a porous medium /Contribution a l'etude du transfert de chaleur entre un fluide incompressible et un milieu poreux/. 22 p3917 A67-39640
- ROBERT, J.**
Equivalent circuit of the travelling wave liquid metal MHD generator. 12 p1897 A67-25376
- ROBERT, K.**
Problems associated with the simulation of dynamic performance of pneumatic rebound-nozzle converters /Pneumatikus fuvokas atalakito dinamikai viselkedesenek modellezesi kerdesei/. 13 p2056 A67-27240
- ROBERTS, A.**
A comment on the turbulent flow velocity profile in a concentric annulus. 15 p2468 A67-29132
- ROBERTS, A. J.**
Study of man during a prolonged exposure to oxygen at 258 mm. Hg total pressure - Supplemental biochemical monitoring. 23 p3960 A67-41703
- ROBERTS, A. P.**
Renal lymph oxygen tension during graded renal ischemia. 06 p0952 A67-17853

- An adaptive lagging system. 07 p1160 A67-19202
- ROBERTS, B. W.**
The nature of the free-stream conditions approaching an oscillating body in a low speed wind tunnel. 03 p0352 A67-13899
- ROBERTS, C. A.**
Plasma-produced time delay of reflected pulses. 17 p2810 A67-32070
- ROBERTS, C. G.**
Comparison of electron-radiation damage thresholds of silver at liquid-helium and liquid-nitrogen temperatures. 04 p0638 A67-15115
- ROBERTS, C. M. D.**
A low weather minima flight control system. 03 p0466 A67-14385
- ROBERTS, D. A.**
A thin-film CdS-quartz composite resonator. 20 p3393 A67-36176
- ROBERTS, D. L.**
The requirements of unmanned space missions to Jupiter. 07 p1249 A67-19570
Selection of comet missions. 16 p2745 A67-30749
- ROBERTS, E.**
Thirteen rules to package accessibility. 01 p0078 A67-10166
- ROBERTS, E. B.**
Effects of incentive contracts in research and development - A preliminary research report. 08 p1431 A67-21287
- ROBERTS, F. E.**
Evaporation of As from GaAs. 21 p3686 A67-39134
- ROBERTS, G. E.**
System aspects of future airborne computers. 19 p3186 A67-35311
- ROBERTS, G. G.**
Equilibrium space-charge distributions in semiconductors. 16 p2727 A67-30850
- ROBERTS, G. L.**
Three-color photoelectric photometry of the moon. 04 p0696 A67-14735
- ROBERTS, J. B.**
Structural fatigue under non-stationary random loading. 04 p0716 A67-15749
- ROBERTS, J. C.**
Nonphosphorylating respiration of mitochondria from brown adipose tissue of rats. 02 p0185 A67-12527
Seasonal metabolic responses of deer mice /peromyscus/ to temperature and altitude. 04 p0561 A67-14593
- ROBERTS, J. J.**
Performance of space-power liquid metal MHD cycles utilizing a two-phase flow generator. 19 p3175 A67-34802
Design of a 1 kwe fast reactor power supply. 24 p4185 A67-42538
- ROBERTS, J. M.**
A note concerning the friction stress acting upon moving dislocation as derived from current microstrain studies. 09 p1518 A67-22020
The friction stress acting upon moving dislocation as derived from current microstrain studies. 13 p2141 A67-27181
- ROBERTS, J. P.**
Pyrolytic deposits of silicon carbide. 01 p0103 A67-10252
- ROBERTS, J. R.**
Measurements of Stark profiles of C II and Ca II lines. 19 p3299 A67-36092
- ROBERTS, K.**
Living relative of the microfossil Kakabekia. 15 p2429 A67-29648
- ROBERTS, K. V.**
Nonlinear study of Vlasov's equation for a special class of distribution functions. 21 p3662 A67-37763
- ROBERTS, M. S.**
Upper limit to the neutral hydrogen density in the halo regions of spiral galaxies. 04 p0694 A67-14480
- ROBERTS, P. D.**
Self-adjustable orthogonal digital filters for system identification and optimisation. 13 p2088 A67-27409
- ROBERTS, P. H.**
An introduction to magnetohydrodynamics. 15 p2527 A67-29384
Singularities of Hartmann layers. 21 p3668 A67-38495
- ROBERTS, R.**
A comparative study of crack propagation in plates under extension and bending. 16 p2770 A67-31290
Stress-intensity factors for plate bending. 23 p4073 A67-40615
- ROBERTS, R. A.**
Optical study of the electronic structure of diamond. 22 p3862 A67-39999
- ROBERTS, R. E.**
On the critical binding of an electron by an electric dipole. 11 p1824 A67-24996
Scaled Unseld approximation for atoms and molecules. 23 p4030 A67-40977
- ROBERTS, R. J.**
Thermo-oxidative stability of polyphenylene resins in asbestos reinforced laminates. 03 p0451 A67-13400
- ROBERTS, S. M.**
The Kantorovich theorem and two-point boundary value problems. 02 p0259 A67-11836
Continuation in shooting methods for two-point boundary value problems. 13 p2146 A67-27146
Some results in two-point boundary value problems. 21 p3652 A67-38025
- ROBERTS, V. L.**
Review of mathematical models which describe human response to acceleration. [ASME PAPER 66-WA/BHF-13] 04 p0564 A67-15402
Pharmacological alterations of vibration tolerance. 23 p3955 A67-41613
- ROBERTS, W. A.**
Shock - A process in extraterrestrial sedimentology. 02 p0235 A67-11451
Lunar research on the moon. 09 p1568 A67-22409
Stratigraphic chronology - A problem in extraterrestrial manned geologic exploration. 16 p2747 A67-30988
- ROBERTS, W. H.**
A special purpose multiprogramming system for a computer-controlled telemetry data reduction system. 02 p0206 A67-11807
- ROBERTS, W. T.**
The atmosphere of Mars - A derivation of parameters for engineering and design applications. 12 p2003 A67-25685
Probability of solar flare occurrences. 22 p3873 A67-39929
The atmosphere of Mars - A derivation of engineering and design parameters. 22 p3887 A67-40140
- ROBERTSON, A. G.**
Jet fuel settling. 24 p4206 A67-42279
- ROBERTSON, D. G.**
An operational interactive graphic system. [AIAA PAPER 67-896] 24 p4126 A67-43005
- ROBERTSON, D. I.**
An example in non-linear analysis. 15 p2459 A67-30143
- ROBERTSON, D. S.**
Nine million wavelength baseline interferometer measurements of 3C 273B. 21 p3712 A67-39122
- ROBERTSON, G. H.**
Operating characteristics for a linear detector of CW signals in narrow-band Gaussian noise. 13 p2070 A67-27154
- ROBERTSON, H. J.**
Active optical systems for orbiting astronomical observatories. 16 p2680 A67-31802
- ROBERTSON, H. S.**
Plasma Instabilities and Anomalous Transport, Proceedings of a Conference on Instabilities and Anomalous Loss Processes in Steady State Plasmas, University of Miami, Coral Gables, Fla., May 2-4, 1966. 11 p1828 A67-23997
Plasma stability research program at the University of Miami. 11 p1829 A67-23998
- ROBERTSON, I. A.**
Diffraction of a plane longitudinal wave by a penny-shaped crack. 09 p1573 A67-21663
- ROBERTSON, J. A.**
Continuous filament ceramic fibers via the viscose process. 21 p3649 A67-37885
- ROBERTSON, J. B.**
Magnesium as a donor impurity in silicon. 20 p3510 A67-36916
- ROBERTSON, J. M.**
Turbulence structure near rough surfaces. 04 p0604 A67-14845
Apollo command and service modules simulation. 07 p1260 A67-20050
Deviations from space-charge limited behaviour in CdS crystal diodes. 13 p2085 A67-27731
Two-dimensional incompressible fluid jet penetration. 20 p3422 A67-36845
- ROBERTSON, M. M.**
Racing the moon's shadow. 06 p1004 A67-18383
- ROBERTSON, R. A.**
Lunar eclipse of a satellite of the earth. 11 p1859 A67-24357
- ROBERTSON, S. H.**
A new look at fuel system design criteria. 08 p1279 A67-20610
- ROBERTSON, V. S.**
A propane gas system for satellite attitude control. 01 p0157 A67-11446
- ROBERTSON, W. G.**
Spacecraft atmosphere selection. 02 p0187 A67-12319
Effect of exercise on oxygen consumption at decreased pressure. 17 p2806 A67-31963
- ROBERTSON, W. T.**
A hover augmentation system for helicopters. 17 p2797 A67-32574
- ROBERTSON, W. W.**
Formation of excited molecular states in the positive column of a helium discharge. 09 p1548 A67-22368
- ROBILLARD, J.-J.**
New method of hyperfrequency amplification utilizing a field effect on a thin semiconducting film /Sur une nouvelle methode d'amplification en hyperfrequence utilisant un effet de champ sur une couche mince semi-conductrice/. 16 p2732 A67-31705
- ROBILLARD, T. R.**
New miniature glass diodes. 06 p0968 A67-18096
Gold doped silicon compandor diodes for N2 and N3 carrier systems. 24 p4130 A67-42335
- ROBIN, E. A.**
A general purpose computer system using a general purpose operating system program for a special purpose task - Space vehicle checkout. 01 p0050 A67-11031
Development and utilization of computer test programs for checkout of space vehicles. 01 p0051 A67-11427
Development and utilization of computer test programs for checkout of space vehicles. 20 p3391 A67-36574
- ROBIN, M. B.**
Metallic conductivity and superconductivity in some silver clathrate salts. 01 p0135 A67-10917
- ROBIN, S.**
Metal seals bakable at high temperature /Joints metalliques etuvables a haute temperature/. 04 p0630 A67-15633
Photon excitation of volume and surface plasmons for magnesium layers evaporated and studied in an ultrahigh vacuum /Excitation par photons de plasmons de volume et de surface pour des couches de magnesium evaporees et etudiees en ultravide/. 17 p2913 A67-32292
Optical properties of magnesium fluoride in the extreme ultraviolet /Proprietes optique du fluorure de magnesium dans l'ultraviolet extreme/. 18 p3099 A67-33692
- ROBINETT, F. E.**
A facility for testing rocket engines and flow system components in liquid fluorine. 17 p2832 A67-32012
- ROBINS, A. W.**
Recent research results in the aerodynamics of supersonic vehicles. [AIAA PAPER 65-717] 03 p0354 A67-12914
- ROBINS, P.**
Future fuel - What's in the pipeline/ques/. 13 p2185 A67-26862
- ROBINSON, A. C.**
One-dimensional minimum-time rendezvous for a thrust-limited rocket. 12 p2012 A67-25922
- ROBINSON, A. I.**
An heliocentric earth orbit precursor planetoid. 02 p0335 A67-12410
- ROBINSON, A. R.**
A discussion of the deep circulation of the atmosphere of Venus. 03 p0514 A67-14310
A numerical method for analysis of free vibration of spherical shells. 15 p2577 A67-30193
- ROBINSON, B. B.**
Coherent microwave emission from indium-antimonide structures. 01 p0131 A67-10371
Two-stream instability in semiconductor plasmas. 17 p2921 A67-33052
A collision-induced instability in semiconductor plasmas. 18 p3102 A67-34348
- ROBINSON, B. J.**
Intergalactic atomic neutral hydrogen. 03 p0514 A67-14318
Low-noise amplifiers in radio astronomy. 14 p2286 A67-28466

- 18 cm OH-line radiation from NGC 6334. 24 p4230 A67-42333
- ROBINSON, D.**
Plasma diagnostics by spectroscopic methods. 15 p2533 A67-30424
- ROBINSON, D. W.**
A further experiment on judging the noisiness of aircraft in flight. 04 p0552 A67-15576
The subjective basis for aircraft noise limitation. 17 p2795 A67-32121
The subjective evaluation of sonic bangs. 18 p2986 A67-34393
- ROBINSON, E.**
High-temperature testing and evaluation of graphite helical-screw expanders and compressors. 15 p2492 A67-29427
- ROBINSON, E. J.**
Single- and double-quantum photodetachment of negative ions. 07 p1225 A67-19494
- ROBINSON, F. R.**
Repeated, prolonged, low intensity plus G sub Z exposures - Anatomical studies in baboons. 13 p2059 A67-26917
Pathology of animals exposed for periods up to 92 days to a pure oxygen atmosphere at reduced pressure. 13 p2059 A67-26918
Proliferative pulmonary lesions in monkeys exposed to high concentrations of oxygen. 15 p2428 A67-29276
Comparative pathology of animals exposed to carbon tetrachloride in oxygen at 258 mm. hg and in ambient air. 21 p3573 A67-38070
Evaluation of animals continuously exposed to a 5 psia pure oxygen atmosphere for eight months. 23 p3952 A67-41574
- ROBINSON, G.**
Invariant estimation of stochastic system parameters. 15 p2462 A67-30325
- ROBINSON, G. E.**
Experimental study of the effects of an ultrasonic field in a nucleate boiling system. [ASME PAPER 67-HT-11] 20 p3545 A67-36709
- ROBINSON, G. H.**
The human controller as an adaptive, low pass filter. 18 p2994 A67-34340
- ROBINSON, G. M.**
Angular contact hydrostatic bearing for radar pedestals. 03 p0431 A67-13749
- ROBINSON, G. P.**
20 deg K cryopump for small space-simulation chambers. 12 p1900 A67-25710
- ROBINSON, H. P.**
Ultra-precise gear ratios. 04 p0627 A67-14706
- ROBINSON, J.**
Structural Matrix Analysis for the Engineer. 16 p2764 A67-30966
- ROBINSON, J. W.**
Measurements of plasma energy density and conductivity from 3 to 120 kbar. 08 p1362 A67-21303
- ROBINSON, L. C.**
A study of the magneto-Kerr and other effects at a plasma surface. 11 p1844 A67-25097
Effects of a density gradient on the magneto-Kerr effect at the boundary of a collisional plasma. 13 p2164 A67-26300
- ROBINSON, M.**
Thermal switching of laser emission of Er super 3 super plus at 2.69 μ m and Tm super 3 super plus at 1.86 μ m in mixed crystals of CaF₂ sub 2-ErF₃ sub 3-TmF₃ sub 3. 11 p1803 A67-24836
- ROBINSON, M. J.**
Detailed damage characteristics in a cavitating venturi. [ASME PAPER 66-WA/FE-39] 04 p0608 A67-15447
- ROBINSON, M. L.**
Convective heating at the deflecting surface of a rocket launch-pad. 19 p3207 A67-35520
- ROBINSON, S.**
Effect of high altitude on maximal working capacity. 10 p1598 A67-23393
- ROBINSON, S. A.**
A power reflection technique for characterization of high quality varactor diodes. 08 p1304 A67-21221
- ROBINSON, S. J.**
A survey of coaxial and strip-line microwave components. 19 p3195 A67-35549
- ROBINSON, R. J.**
Encoders and decoders with integrated circuits. 13 p2072 A67-26412
- ROBLEY, R.**
Photometry of the zodiacal light /Photometrie de la lumiere zodiacale/. 24 p4152 A67-43114
- ROBSON, A. E.**
The accumulation of energetic ions in a mirror machine by resonant non-adiabatic trapping. 12 p1969 A67-25248
- ROBSON, P. G.**
The pull-in range of a phase-locked loop. 15 p2446 A67-29589
- ROBSON, P. N.**
Generation of second harmonic radiation by a microwave maintained plasma cyclotron resonance. 05 p0850 A67-16046
- ROBSON, T.**
Flight testing of radio navigation aids for civil aviation. 09 p1528 A67-22629
- ROCARD, Y.**
Distant atmospheric propagation of high-power acoustic signals /Propagation atmospherique lointaine de signaux acoustiques puissants/. 22 p3790 A67-39645
- ROCCA, F.**
Optical coherence and twisted convolution - An optical equivalence theorem /Coherence optique et convolution gauche - Un theoreme d'equivalence optique/. 08 p1354 A67-20871
Some properties of optimum unconditionally stable phase-lock demodulators. 17 p2816 A67-32782
- ROCCIA, R.**
Flux and energy spectra of primary cosmic X and gamma rays between 20 kev and 1 mev. 10 p1701 A67-23231
Observation of the isotropy of the primary diffuse X-ray flux between 20 and 80 kev /Observation de l'isotropie du rayonnement X primaire non localise entre 20 et 80 kev/. 19 p3313 A67-35244
- ROCCI, S. A.**
The 210-ft. parabolic fully steerable tracking antenna for a deep space instrumentation facility /JPL/. 03 p0383 A67-13751
- ROCCO, C.**
Sandwich structures in aeronautical construction /Le structure "sandwich" nelle costruzioni aeronautiche/. 23 p4077 A67-41047
- ROCCO, R. M.**
Effects of solar radiation on mean facial skin temperature. 09 p1452 A67-21725
- ROCHER, Y. A.**
Low frequency resonances in pure niobium. 06 p1048 A67-17818
Superheating in pure superconducting niobium. 14 p2389 A67-28597
On the existence of several-quantum flux lines in type II superconductors. 20 p3505 A67-36206
- ROCHESTER, G. D.**
The momenta of muons in extensive air showers. 06 p1076 A67-17651
- ROCHKIND, A. B.**
Determination of net thermal energy incident on a satellite. [ASME PAPER 67-HT-56] 20 p3549 A67-36738
- ROCHLIN, G. I.**
Determination of the anisotropy of the energy gap in superconducting Pb by superconductive tunneling. 07 p1236 A67-20137
- ROCKEFELLER, R. L.**
An application-oriented multiprocessing system. IV. 23 p3976 A67-41059
- ROCKEY, K. C.**
Shear buckling of thin-walled sections. 17 p2957 A67-32026
- ROCKLAND, J. G. R.**
Surface, volume, and grain-boundary diffusion in the sintering process of metals. I /Die Rolle der Oberflaechen-, Volumen- und Korngrenzendiffusion im Sinterprozess der Metalle. I/. 19 p3247 A67-35836
- ROCKLIN, S. R.**
Design, ground test and flight test of SNAP 10A, first reactor in space. 10 p1678 A67-23853
Design and development of a high efficiency cascaded and segmented thermoelectric module. 24 p4184 A67-42506
- ROCKOFF, M. L.**
Nonlinear difference equations and Gauss-Seidel type iterative methods. 03 p0460 A67-13881
- ROCKOW, R. A.**
The descent engine for the lunar module. [AIAA PAPER 67-521] 18 p3115 A67-33984
- ROCKOWER, B.**
Thermal diffusion separation of damping fluids in gyroscopes. 07 p1168 A67-19381
- RODARI, G. S.**
Statistics of the laser radiation at threshold. 18 p3098 A67-33522
- RODDEN, J. J.**
Orbital gyrocompassing heading reference. [AIAA PAPER 67-587] 19 p3258 A67-35983
- RODDEN, W. P.**
A method for deriving structural influence coefficients from ground vibration tests. 12 p2030 A67-25918
- RODDIER, F.**
Microturbulence above the hydrogen convection zone. 05 p0899 A67-17072
Observation of the solar line oscillations with an atomic-beam spectrophotometer. 11 p1861 A67-24494
- RODE, D. L.**
Mott-Smith shock thickness calculations using the v sub x super p method. 18 p3030 A67-34753
- RODEANU, E. I.**
Wideband discriminator with operational amplifier. 01 p0040 A67-11316
- RODGER, I.**
The Ariel II micrometeorite penetration measurements. 21 p3722 A67-38494
- RODGERS, C. D.**
Remote temperature sensing of the earth's atmosphere using a selective chopper radiometer. 22 p3805 A67-40356
- RODGERS, K. F.**
Measurement of ruby laser cavity losses by Fabry-Perot resonance. 10 p1662 A67-22740
- RODGERS, P. W.**
Parametric phenomena as applied to vibration isolators and mechanical amplifiers. 15 p2494 A67-29772
- RODIMOV, A. P.**
Degree of polarization of radio signals /O stepen polarizatsii radiosignalov/. 04 p0575 A67-15151
Degree of polarization of radio signals. 15 p2435 A67-29338
- RODIN, A. I.**
Phase boundary in ferroelectric SbSI as the analog of an electric domain in a semiconductor. 06 p1047 A67-17758
- RODIN, A. V.**
Cesium thermionic converter with added inert gases. 09 p1444 A67-22008
- RODIONOV, B. N.**
Mapping of the moon /O kartografirovani luny/. 21 p3703 A67-38197
- RODIONOV, I. U. P.**
Investigation of the equivalent circuit of a varactor with an aluminum-titanium dioxide-silicon structure /Issledovanie ekvivalentnoi skhemy varaktora so strukturoi aluminii-dvukis' titana-kremni/. 03 p0377 A67-13240
Transistorized nonlinear-capacitance model /Tranzistornaya model' nelineinoy emkosti/. 06 p0972 A67-18896
- RODIONOV, L. A.**
Cylindrical shell under a stationary radial load distributed over an annular section of the shell surface bounding a cross section of the shell /Tsilindricheskaya obolochka pod deistviem postoiannoi radial'noi nagruzki, raspredelennoi na uchastke poperechnogo secheniya/. 05 p0915 A67-16222
- RODIONOV, M. I.**
General and cerebral hemodynamics and the functions of the central nervous system during accelerations - Review of the literature /Obshchaya i tsentral'naya gemodinamika i funktsii tsentral'noi nervnoi sistemy v usloviakh deistviya uskoreniy - Obzor literatury/. 23 p3943 A67-40766
- RODIONOVA, E. K.**
Calculation of the transfer coefficients of cesium vapor /Raschet koefitsientov perenosa para tseziya/. 24 p4253 A67-42211
- RODIUSHKIN, P. F.**
Effect of the type of the testing machine on the strength characteristics of titanium alloys at increased grip speeds. 03 p0446 A67-13566
- RODMAN, A. K.**
A synthetic aperture approach to space-based radio telescopes. [AIAA PAPER 66-886] 02 p0221 A67-12265
- RODOREDA, S. E.**
Judicial statutes applicable to satellite communications /Estatuto juridico aplicable a las comunicaciones via satellite/. 12 p2042 A67-26141
- RODOT, M.**
Contribution to the study of thin layers of the semiconductor CdTe /Contribution a l'etude des couches minces du

- semiconducteur CdTe/. 02 p0294 A67-11759
Semiconductor lasers and fast detectors in the infrared /3 to 15
microns/. 05 p0821 A67-16668
Mechanism of the photovoltaic effect in cadmium telluride photovoltaic cells /Sur le mecanisme de l'effet photovoltaïque dans les photopiles au tellurure de cadmium/. 08 p1285 A67-20733
Thermal lattice conductivity of semiconductors /Conductivité thermique de reseau des semiconducteurs/. 14 p2374 A67-28984
- RODRIGUES DE MIRANDA, W. R.**
Reliability of integrated circuits - Analysis of a survey. 01 p0042 A67-11365
- RODRIGUES, R. M.**
Proportional counters and electronic systems for observing cosmic X-rays. 23 p4001 A67-41222
- RODRIGUEZ-AGRAIT, L.**
Effect of boundary conditions on shell buckling. 03 p0524 A67-13786
- RODRIGUEZ, D. A.**
Dynamic analysis and development of response histories and tradeoff study charts for spherical impact limiters. 10 p1727 A67-23738
- RODRIGUEZ, G. E.**
Voltage conversion and regulation techniques employed in the prime converter for the anchored interplanetary monitoring platform /AIMP/ spacecraft. 08 p1284 A67-20695
- RODRIGUEZ, S.**
Helicon-phonon interaction in a multi-valley semiconductor. 06 p1071 A67-18991
Attenuation of transverse ultrasound in copper. 16 p2731 A67-31446
- RODRIGUEZ, V.**
Measurement of the drift velocity of holes in silicon at high-field strengths. 10 p1690 A67-23168
- RODRIGUES, R.**
Spectral and location measurements of several cosmic X-ray sources including a variable source in Centaurus. 21 p3698 A67-38564
- RODWELL, R. R.**
Combat biplane. 13 p2052 A67-26420
- ROE, D. W.**
Electron-beam evaporation of silicon dioxide as a storage layer for the RCA automatic-picture-transmission vidicon. 04 p0623 A67-15315
- ROEDENBECK, H. S.**
FGW triplex flight control system for automatic landing and VTOL aircraft. 02 p0264 A67-12206
- ROEDER, R. C.**
Red-shifts and power outputs of quasi-stellar radio sources. 01 p0149 A67-10889
Stellar evolution and the Brans-Dicke cosmological theory. 19 p3330 A67-36077
- ROEDERER, J. G.**
On the adiabatic motion of energetic particles in a model magnetosphere. 08 p1378 A67-21474
Southern Hemisphere anomalies. 12 p1933 A67-25770
Theoretical description of trapped electron diffusion in the South American anomaly. 12 p1995 A67-25772
Longitude dependence of geomagnetically trapped electrons. 22 p3791 A67-39808
- ROEHR, K. M.**
An adaptive twelve-channel multiplexer. 06 p0960 A67-17676
- ROEHRIG, J. R.**
Adhesion of lunar soil simulated by rock comminuted in vacuum. 24 p4227 A67-42034
- ROEHRS, K.**
Measurement of gamma-radiation spectra from 0.2 to 12 Gev at an atmospheric depth of 26 g/cm super 2 /Messung des Ultrastrahlungs-gamma-Spektrums von 0.2 bis 12 Gev in einer atmosphärischen Tiefe von 26 g/cm super 2/. 09 p1561 A67-21882
- ROEHRS, R. J.**
NDT assures vacuum tightness in cryogenic tanks. 12 p1948 A67-25288
- ROELOFS, T. H.**
Seasonal variations in ionospheric total electron content. 10 p1651 A67-23346
- ROELS, J.**
Phenomenon of resonance /2-1/ in the neighborhood of equilateral equilibrium points of the restricted problem /Le phenomene de resonance /2-1/ au voisinage des points d'equilibre equilateraux du probleme restreint/. 02 p0321 A67-11497
- ROEMER, E.**
Observations of comets, minor planets, and Jupiter VIII. 01 p0148 A67-10386
Comet notes. 03 p0511 A67-13653
Comet notes. 22 p3880 A67-39416
- ROEMER, M.**
Geomagnetic activity effect and 27-day variation - Response time of the thermosphere and lower exosphere. 10 p1639 A67-23209
Geomagnetic activity effect derived from Explorer 9 drag data. 18 p3042 A67-34255
The physical behavior of the upper atmosphere deduced from satellite drag data. 19 p3214 A67-34931
- ROEPER, Y.**
"Burner 2" final stage /L'etage terminal "Burner 2"/. 21 p3713 A67-38379
- ROESCH, J.**
Selenodesy and Lunar Topography /Selenodesie et Topographie Lunaire/. 08 p1395 A67-21159
Observation of the fine structures of sunspots from the ground /L'observation des structures fines des taches solaires a partir du sol/. 13 p2203 A67-27422
- ROESCHEL, E.**
The alpha-Ti-Fe solid solution and its superconducting properties. 06 p1051 A67-18370
- ROESE, D. W.**
Satellite navigational aids for transportation of the 1970's. [AAS PAPER 67-102] 15 p2515 A67-29957
- ROESEL, G.**
Contribution to the analysis of time-variable linear transmission systems with arbitrary initial state in the case of abruptly varying periodic or nonperiodic system parameters and an abrupt variation of the input signal /Eln Beitrag zur Analyse von Zeitvariablen linearen Uebertragungssystemen mit beliebigem Anfangszustand bei sprungfoermig periodischer oder nichtperiodischer Systemparameterraenderung und einer sprungfoermigen Aenderung des Eingangssignals/. 10 p1608 A67-23638
- ROESLER, H.**
Cylindrical resonator for high-precision measurements of absorption of sound in gases /Der Zylinderresonator fuer Praezisionsmessungen der Schallabsorption in Gasen/. 01 p0067 A67-10838
- ROESS, D.**
Lasers-Light amplifiers and oscillators /Laser-Lichtverstaerker und -Oszillatoren/. 07 p1195 A67-19469
Solid-state lasers for continuous and quasi-continuous operation. 14 p2331 A67-28559
Influence of pump-induced material inhomogeneities on giant pulse evolution. 15 p2498 A67-29484
The problem of regular relaxation pulses of crystal lasers /Zum Problem der regelmässigen Relaxationsimpulse von Kristalllasern/. 17 p2867 A67-32362
Investigation of the emission of a 50-Hz ruby pulse laser /Untersuchung der Emission eines 50-Hz-Rubin-Pulslasers/. 23 p4016 A67-41153
- ROESSGER, E.**
Contributions to physical and engineering problems of barometric altitude measurements in aviation /Beitraege zu physikalischen und verfahrenstechnischen Problemen der barometrischen Höhenmessung in der Luftfahrt/. 07 p1190 A67-20289
Supersonic air traffic. I /Der Ueberschall-Luftverkehr. I/. 07 p1131 A67-20292
- ROESSLER, D. M.**
Ultraviolet optical properties and electronic band structure of magnesium oxide. 13 p2181 A67-27167
Exciton structure in the ultraviolet spectra of KI and RbI. 15 p2520 A67-29768
Optical constants of magnesium oxide and lithium fluoride in the far ultraviolet. 16 p2734 A67-31881
Electronic spectrum and ultraviolet optical properties of crystalline MgO. 20 p3509 A67-36508
Electronic spectrum of crystalline lithium fluoride. 23 p4038 A67-40774
- ROESSLER, F.**
The aerosol-layer in the stratosphere. 19 p3221 A67-35273
- ROETHIG, D. T.**
X-ray spectra of several cosmic sources. 11 p1856 A67-24505
- ROETLING, P. G.**
Shape detection using incoherent illumination. 09 p1496 A67-21712
- ROETMAN, E. L.**
On the biharmonic wave equation. 20 p3476 A67-36667
- ROFE-BEKETOV, F. S.**
Semibounded differential operators /O nepolugranichennykh differentsial'nykh operatorakh/. 04 p0646 A67-15262
- ROFE, B.**
Molecular oxygen density and ultra-violet absorption in the southern atmosphere. 12 p1934 A67-25786
- ROFFMAN, G. L.**
Linear restriction of compressible fluids with capillary tubes. 14 p2303 A67-28350
- ROGACHEV, A. A.**
A theoretical and experimental study of optical transitions in semiconductors induced by carrier interaction. 06 p1059 A67-18912
- ROGALLO, R. S.**
Transition measurements at hypersonic Mach numbers. 08 p1320 A67-20584
- ROGAVA, O. G.**
Statistical analysis of solar-diurnal variations of cosmic rays from directional-telescope and neutron-monitor data /Statisticheski analiz solnechno-sutochnoi variatsii kosmicheskikh luchei po dannym napravlennykh teleskopov i neitronnykh monitorov/. 17 p2931 A67-32078
- ROGAVA, S. E.**
Indeterminate recognition /game-type/ and prediction systems /Indeterminovani /igrovi/ rozpliznuchi i peredbachaluchi sistemi/. 13 p2088 A67-27022
- ROGELBERG, L. N.**
Softening and recrystallization of deformed niobium during annealing /Razuprochnenie i rekristallizatsia deformirovannogo niobia pri otzhige/. 22 p3823 A67-40326
- ROGER, G.**
High-gain antenna with low noise temperature for a space telecommunication station /Une antenne a fort gain et faible temperature de bruit pour station de telecommunications spatiales/. 12 p1913 A67-25304
- ROGER, J.**
Effect of 1-Mev electron radiation on silicon solar cells /Effet des irradiations par electrons de 1 Mev sur les photopiles au silicium/. 03 p0362 A67-12897
- ROGER, K. L.**
Evaluation of B-52 structural response to random turbulence with various stability augmentation systems. [AIAA PAPER 66-998] 02 p0181 A67-12302
- ROGERS, A. E. E.**
The positions and angular extent of OH emission associated with the H II regions W3, W24, W49, and NGC 6334. 12 p2009 A67-25972
Observations of OH emission in the H II region W3 with a 74400 lambda interferometer. 14 p2389 A67-28845
Spectral line interferometry with independent time standards at stations separated by 845 kilometers. 20 p3523 A67-36648
- ROGERS, C.**
Certain reducible helical hydromagnetic flows. 04 p0609 A67-15604
- ROGERS, C. A., JR.**
Forgetting of a simple motor task. 21 p3576 A67-39099
- ROGERS, C. G.**
Operation of field-effect transistors at liquid-helium temperature. 14 p2290 A67-28926
- ROGERS, C. W.**
Advanced composite material application to aircraft structures. 10 p1723 A67-23697
- ROGERS, D. A.**
Measuring techniques applied in an MHD-augmented shock tunnel. 16 p2656 A67-31262
- ROGERS, D. F.**
Hypersonic transverse-curvature effect. 23 p3993 A67-41755
- ROGERS, E. J.**
Effects of corrosion on transducer performance. [ASME PAPER 67-MET-14] 12 p1945 A67-25952
- ROGERS, G.**
Graphical estimation of test results. 01 p0104 A67-10157
- ROGERS, G. L.**
The design of experiments for recording

- and reconstructing three-dimensional objects in coherent light
Holography. 01 p0062 A67-10192
- ROGERS, H. C.**
Effect of dissolved hydrogen on the fatigue behavior of an Al-Al sub 2 O sub 3 SAP-type alloy. 06 p1013 A67-17796
- ROGERS, J. D.**
Solid-state high-power low-frequency telemetry transmitters. 02 p0218 A67-12106
Pressure oscillations induced by forced convection heating of dense hydrogen. 13 p2107 A67-27670
- ROGERS, J. W.**
A new concept in charge exchange molecular beams. 14 p2316 A67-28190
- ROGERS, K. C.**
Cross-field diffusion of quiescent potassium magnetoplasmas. 05 p0859 A67-17445
Diffusion and instabilities in "Q" machine plasmas. 11 p1830 A67-24005
Diffusion measurements in potassium magneto-plasmas. 11 p1835 A67-24386
Optical study of a barium Q-plasma. 11 p1838 A67-24406
Properties of alkali-metal magnetoplasmas related to "enhanced diffusion." 19 p3287 A67-35360
- ROGERS, K. T.**
Landau levels and magneto-absorption in InSb. 05 p0870 A67-17193
- ROGERS, K. W.**
Analysis of high sticking coefficient cryopanel arrays for the simulation of the permissive nature of the space environment. 09 p1485 A67-22122
- ROGERS, L. M.**
Interpretation of the Hall coefficient, electrical resistivity and Seebeck coefficient of p-type lead telluride. 14 p2367 A67-28520
The Hall mobility and thermoelectric power of p-type lead telluride. 22 p3857 A67-39490
- ROGERS, N. L.**
Surface preparation of metals for adhesive bonding. 09 p1507 A67-22520
- ROGERS, P. W.**
Pseudononlinear bending analysis of an orthotropic multicell shell structure. 04 p0709 A67-14812
- ROGERS, S. C.**
Semiconductor device and circuit transient response caused by ionizing radiation. 17 p2828 A67-32836
- ROGERS, T. G.**
The propagation of high frequency, finite acceleration pulses and shocks in viscoelastic materials. 09 p1573 A67-21547
Cyclic extension of an elastic fibre with an elastic-plastic coating. 14 p2341 A67-29060
The finite expansion and subsequent unloading of a hole in an elastic-plastic plate of initially varying thickness. 17 p2966 A67-33347
- ROGERS, W. K.**
Microsphere ablation in a free-flight range. 19 p3346 A67-35757
- ROGERSON, J. E.**
Airborne field strength measurements in the region of the NPM antipode. 16 p2631 A67-31855
- ROGGE, J. D.**
Renin secretion during plus G sub z acceleration. 23 p3956 A67-41634
Tolerance to long duration plus G sub z acceleration. 23 p3958 A67-41652
Peripheral venous renin levels during plusG sub z acceleration. 23 p3960 A67-41700
- ROGISTER, C.**
Improvement of heat-resisting cobalt-base alloys by precipitation hardening. 11 p1807 A67-24703
- ROGOZINSKI, M.**
On the Haar-Karman hypothesis - Conditions of accurate validity, proof, attempts of generalization. 10 p1716 A67-22932
- ROHATGI, V.**
Composite metallic and dielectric insulators for high current arc electrodes. 02 p0250 A67-12697
- ROHATGI, V. K.**
Ion drag and current partitioning at the cathode of a plasma accelerator. 21 p3670 A67-38693
- ROHDE, R. W.**
Dislocation velocities in nickel single crystals. 11 p1809 A67-24920
- ROHDE, W.**
Precipitation-hardening behaviour and mechanical properties of heat-resisting alloys containing up to 35 percent cobalt. 11 p1808 A67-24704
- ROHLENA, K.**
Changes in plasma parameters caused by an aperiodical disturbance in positive ion density. 14 p2353 A67-27755
- ROHLES, F. H., JR.**
Temporal characteristics of body temperature during high thermal stress. 10 p1800 A67-23822
- ROHLFING, D. L.**
The catalytic decarboxylation of oxaloacetic acid by thermally prepared poly-alpha-amino acids. 13 p2065 A67-26589
The catalytic activity of thermal polyanhydro-alpha-amino acids for the hydrolysis of p-nitrophenyl acetate - Catalysis by thermal polyamino acids. 13 p2065 A67-26732
The inactivation of catalytically active thermal polyanhydro-alpha-amino acids. 13 p2065 A67-26733
- ROHLFS, K.**
Temperature distribution of Interstellar H I gases /Die Temperaturverteilung des interstellaren H I-Gases/. 04 p0694 A67-14471
- ROHLIK, H. E.**
Summary of NASA radial turbine research related to Brayton cycle space power systems. 24 p4102 A67-42489
- ROHRER, R. A.**
Theory of Linear Active Networks. 20 p3407 A67-36119
- ROHSENOW, W. M.**
Film boiling of saturated nitrogen flowing in a vertical tube. [ASME PAPER 65WA/HT-28] 08 p1427 A67-21319
- ROI, N. A.**
Relation between the hydrodynamic and electrical characteristics of discharges in liquids. 03 p0476 A67-13210
- ROIG, J.**
Interferences between waves diffracted by small screens and a coherent background provided by a laser /Interferences entre les ondes diffractees par des ecrans de faibles dimensions et un fond coherent fourni par un laser/. 01 p0087 A67-10231
Interferences between a coherent wave sigma' emitted by a laser and a wave sigma'' diffracted by a small object in the case of a strongly astigmatic beam /Interferences entre une onde coherent sigma' emise par un laser et une onde sigma'' diffractee par un objet de faibles dimensions, dans le cas d'un faisceau fortement astigmatique/. 04 p0631 A67-14416
- ROITENBERG, I. A. N.**
A corrigible horizontal gyrocompass. 01 p0068 A67-10988
- ROITENBERG, L. I. A.**
Discrete-control gyroscopic servosystems in the presence of multidimensional random noise /Girokopticheskie slediaschkie sistemy s diskretnym upravleniem pri nallchii mnogomernykh sluchalnykh pomekh/. 03 p0465 A67-14157
Realization of a discrete control device in a gyroscopic servosystem /O realizatsii diskretnogo upravliushchego ustroystva v girokopticheskoi slediaschchiel sisteme/. 15 p2490 A67-30172
- ROITENBERG, B.**
Investigations of optimum compromises - Resolution - Signal-to-noise ratio in problems of superresolution by convolution /Recherches des meilleurs compromis-Resolution - Signal/bruit dans les problemes de super resolution par convolution/. 20 p3441 A67-36365
- ROIZEN, I. I.**
Nature of the peripheral nonelastic processes /O kharaktere perifericheskikh neuprugikh protsessov/. 02 p0315 A67-12749
Concerning the character of peripheral inelastic processes. 22 p3876 A67-40251
- ROIZMAN, V. P.**
Determining imbalance when balancing elastically deformed rotors /Opredelenie disbalansa pri uravnoveshivanii uprugodeformiruemyykh rotorov/. 03 p0528 A67-14078
- ROKHLIN, L. L.**
Study of the structure of a Mg-3 percent Nd alloy subjected to high-temperature plastic deformation /Issledovanie struktury splava Mg-3 percent Nd, podvergnutogo vysokotemperaturnoi plasticheskoi deformatsii/. 02 p0255 A67-11868
- ROKNI, M.**
Stimulated electronic Raman effect and parametric anti-Stokes radiation in potassium vapor. 21 p3641 A67-38456
- ROKUSHIMA, K.**
Theory of a waveguide mounted tunnel diode oscillator. 17 p2822 A67-32037
- ROKVA, ZH. P.**
Stresses in an elastic half-plane with a notch /O napriazheniyakh v uprugoi poluploskosti nadrezom/. 06 p1101 A67-18181
- ROL, P. K.**
A molecular beam apparatus for the 0-50 ev region. 14 p2316 A67-28191
- ROLAND, G.**
A new determination of the C super 12/C super 13 isotopic abundance ratio in the solar photosphere. 09 p1566 A67-22231
The solar spectrum in the 5577 and 6300 angstrom units regions. 18 p2749 A67-31417
Several problems encountered in Fourier transformation spectroscopy /Reflexions sur quelques problemes rencontres en spectroscopie par transformation de Fourier/. 20 p3437 A67-36336
- ROLDUGIN, V. K.**
X-ray bursts and auroras /Vspyski rentgenovskogo izlucheniya i polarnyye silanila/. 05 p0879 A67-16102
Relation between P12-type geomagnetic field pulsations and auroral brightness pulsations /Svlyaz' pul'satsii geomagnitnogo polya P12 s pul'satsiyami intensivnosti svecheniya polarnykh silnii/. 14 p2309 A67-27944
Short-period oscillations of the auroral absorption of cosmic noise /Korotkoperiodicheskie kolebanila avroral'nogo pogloshcheniya kosmicheskogo shuma/. 16 p2669 A67-31910
X-ray bursts and auroras. 24 p4213 A67-42778
- ROLINSKI, E. J.**
Thermal conductivity measurements of fibrous insulations up to 2500 deg F. 04 p0735 A67-15855
Non-isothermal studies of chemical and physical reactions - Application to Knudsen cell vaporization. [AIAA PAPER 67-156] 06 p0956 A67-18321
- ROLL, P. G.**
Measurement of cosmic background radiation at 3.2-cm wavelength. 23 p4063 A67-40922
- ROLLAND, P.**
Properties of the dispersion nucleus of a homogeneous hot plasma without a magnetic field /Sur les proprietes du noyau de dispersion d'un plasma chaud homogene sans champ magnetique/. 06 p1039 A67-18048
Collisionless damping in a hot plasma /Les amortissements non collisionnels dans un plasma chaud/. 09 p1549 A67-22552
Power dissipated or generated by the different modes excited in a plasma /Puissance dissipee - Ou generee - Par les differents modes excites dans un plasma/. 22 p3847 A67-39642
Connection between spatial dispersion and Landau damping /Connexion entre la dispersion spatiale et l'amortissement de Landau/. 22 p3847 A67-39649
- ROLLING, R. E.**
Results of transient thermal modeling in a simulated space environment. [AIAA PAPER 65-659] 03 p0534 A67-13064
Total specular reflectance of rough metallic surfaces. [AIAA PAPER 65-424] 04 p0723 A67-15232
Inspection techniques for the characterization of smooth, rough, and oxidized surfaces. [AIAA PAPER 67-318] 12 p1957 A67-26033
Effect of surface roughness on the spectral and total emittance of platinum. [AIAA PAPER 67-320] 12 p1957 A67-26035
Radiant heat transfer for nongray metallic surfaces at low temperatures. [AIAA PAPER 67-335] 12 p2038 A67-26049
Laboratory and flight test program to evaluate the space stability of highly specular reflective surfaces. 17 p2832 A67-32060
Measurement of the thermal radiation properties of materials. 23 p4083 A67-41368
Thermal testing techniques at high solar intensities. 24 p4139 A67-42043

- ROLLINS, F. R., JR.**
Critical ultrasonic reflectivity - A neglected tool for material evaluation. 04 p0621 A67-15264
- ROLLINS, R. W.**
Nature of the AC transitions in the superconducting surface sheath in Pb-2 percent In. 12 p1985 A67-25847
- ROLLSTIN, L. R.**
Sonic-point convergence with the method of integral relations. 21 p3614 A67-38879
- ROLSTEN, R. F.**
Dynamic stress at hypervelocity impact and true tensile strength. 17 p2958 A67-32217
- ROM-KRICHEVSKAIA, I. A.**
Uncoupled intensity peaks in laser emission /Nesviazannye piki intensivnosti v izlucheni lazera/. 03 p0435 A67-13132
Study of laser losses and associated emission characteristics /Issledovanie poter' i sviazannykh s nimi kharakteristik izlucheni lazera/. 03 p0435 A67-13133
Radiation kinetics of a laser with a lens system and a low-absorption nonlinear medium in the resonator. 17 p2868 A67-32663
- ROM, A. R. M.**
Normalization at L sub 4. 13 p2208 A67-27521
Trojan orbits. II. 16 p2747 A67-30985
- ROM, F. E.**
Gas-core reactor work at NASA/Lewis. [AIAA PAPER 67-499] 18 p3076 A67-33963
- ROM, J.**
Laminar heat transfer to a two-dimensional blunt base from the high-enthalpy flow in the shock tube. 11 p1882 A67-24222
- ROMAN, J.**
Flight research program. IV - A small gas analyzer for aerospace. 01 p0068 A67-10957
Flight research program. 05 p0756 A67-16279
V. Flight research program. 09 p1455 A67-21717
VI. Flight research program. 09 p1455 A67-21718
VII. Flight research program. 17 p2805 A67-31956
- ROMAN, N. G.**
The United States geodetic satellite program /Le programme des satellites geodesiques des Etats-Unis/. 07 p1176 A67-19757
Radial velocities and spectral types for fourteen stars. 14 p2387 A67-28565
- ROMAN, W. C.**
Experimental investigation of an electric arc in transverse aerodynamic and magnetic fields. 06 p1042 A67-18306
Diagnostic techniques for atmospheric pressure arc plasmas. 12 p1973 A67-25393
Experimental investigation of an electric arc in transverse aerodynamic and magnetic fields. [AIAA PAPER 67-98] 23 p4035 A67-41724
- ROMANENKO, G. A.**
Aerodynamic characteristics of rough cylinders /Aerodinamicheskie kharakteristiki sherokhovatykh tsilindrov/. 07 p1126 A67-19323
- ROMANENKO, I. N.**
Oscilloscope studies of a pulsed-discharge channel in helium at high pressures. 08 p1357 A67-20848
- ROMANENKO, I. V.**
Flow of a viscous fluid in a cylindrical vessel with a rotating cover /Tekhenie viazkoi zhidkosti v tsilindrisheskom sosude s vrashchalushcheisla kryshkoi/. 03 p0401 A67-12871
- ROMANENKO, P. N.**
The effect of coolant injection into turbulent boundary layers on heat transfer and friction. 03 p0536 A67-13526
- ROMANENKO, V. N.**
Control quality in problems of analytical design of optimal controls /K voprosu o kachestve regulirovaniia v zadachakh analiticheskogo konstruirovaniia optimal'nykh regulirov/. 06 p0977 A67-18547
Production of homogeneous semiconductor crystals /Poluchenie odnorodnykh poluprovodnikovykh kristallov/. 18 p3100 A67-33773
Quality index in problems of analytical design of optimal regulators. 22 p3776 A67-39747
- ROMANENKO, Z. G.**
The atmospheric activity of Jupiter in 1964-1965 according to data of photometric observations /Atmosfera na aktivnost' Iupitera v 1964-1965 gg. po dannym fotometricheskikh nabludenii/. 22 p3879 A67-39299
- ROMANIUK, M. O.**
Structure of the fundamental absorption bands of mixed KCl-KBr single crystals /Pro strukturu fundamental'nykh smug poglannania zmishnankh monokristaliv KCl-KBr/. 05 p0872 A67-17493
- ROMANKO, J.**
In situ measurements of spectral reflectance of thermal control coatings irradiated in vacuo. [AIAA PAPER 67-342] 12 p1959 A67-28056
- ROMANO, A.**
Operational power amplifiers /Amplificatori operazionalni di potenza/. 24 p4131 A67-42411
- ROMANO, A. J.**
Evaluation of Li, Na, K, Rb, and Cs boiling and condensing in Nb-1 percent Zr capsules. 07 p1223 A67-19464
- ROMANO, S.**
A Mobile Lunar Laboratory system. 08 p1316 A67-21088
- ROMANOV, A. M.**
Some results of neutron measurements in the atmosphere. 02 p0312 A67-12806
Measurement of the vertical intensity of rigid gamma-quanta at various atmospheric depths /Izmerenie vertikal'noi intensivnosti zhestkikh gamma-kvantov na razlichnykh glubinakh atmosfery/. 05 p0879 A67-16098
Measurement of the flow of epithelial neutrons in the upper layers of the atmosphere by the method of indium activation /Izmerenie potoka nadteplovnykh neutronov v verkhnykh slozhakh atmosfery metodom aktivatsii indii/. 21 p3622 A67-39031
Measurement of the vertical intensity of hard gamma rays at different depths in the atmosphere. 24 p4213 A67-42774
- ROMANOV, E. P.**
Orientation, purity, and perfection of molybdenum single crystals grown by the zonal electron-beam melting process /Orientatsiia, chistota i sovershenstvo monokristallov molibdena, vyrashchennykh elektronno-luchevoi zonnol plavkoi/. 02 p0255 A67-11867
Relation between the structure and superconductivity parameters of the alloy of zirconium with 4 per cent niobium. 10 p1889 A67-23090
Structure of the alloy Zr-4 percent Nb and its influence on the critical superconductivity parameters /Struktura splova Zr-4 percent Nb i ee vliianie na kriticheskie parametry sverkhprovodimosti/. 17 p2916 A67-32721
- ROMANOV, G. S.**
Effect of powerful light fluxes on metals. 08 p1337 A67-20856
- ROMANOV, I. A.**
Collective losses in anisotropic crystals. 08 p1369 A67-20828
- ROMANOV, K. F.**
Production of gas-turbine engines /Proizvodstvo gazoturbinnnykh dvigatelei/. 11 p1798 A67-24516
- ROMANOV, V. A.**
Electrical pinch in elastically deformed germanium. 04 p0675 A67-14922
Size effects in conductivity of semiconductors with a few types of carriers. 06 p1064 A67-18944
Determination of the lifetime and mobility of nonequilibrium holes in cadmium sulfide single crystals. 20 p3504 A67-36158
Investigation of the composition of the primary cosmic-ray component /Issledovanie sostava pervichnoi komponenty kosmicheskogo izlucheniia/. 23 p4054 A67-41096
- ROMANOV, V. O.**
Effect of surface recombination processes on the kinetics of semiconductor photoconductivity /Vpliv poverkhnevnykh rekombinatsionnykh protsessiv na kinetiku fotoprovodnosti naplivovidnikiv/. 14 p2372 A67-28756
- ROMANOVSKAIA, K. M.**
Measurement of tissue doses of cosmic radiation with the aid of nuclear emulsions /Izmerenie tkanevykh doz kosmicheskogo izlucheniia ladernymi emul'siiami/. 20 p3368 A67-36280
- ROMANOVSKII, M. K.**
An investigation of cyclotron instability potential and adiabatic compression of a plasma in a mirror machine. 22 p3846 A67-39487
- ROMANYCHEV, D. A.**
Concerning negative photoconductivity in germanium. 02 p0297 A67-11835
- ROMASHOV, I. U. P.**
Investigation of shells of revolution produced by a single family of wound fibers /K issledovaniu obolochek vrashcheniia, obrazovannykh namotkol odnim semeistvom nitel/. 19 p3337 A67-34871
- ROMASHOV, V. M.**
Structural diagram of the molybdenum-boron system /Diagramma sostolaniia sistemy molibden-bor/. 20 p3468 A67-37177
- ROMBERG, G.**
Drag and shear in steady-state flows without external forces /Widerstand und Schub in stationaeren Stroemungen ohne aeuessere Kraefte/. 01 p0005 A67-10281
Relaxation of the molecular-oscillation degree of freedom in steady-state gas flows /Ueber die Relaxation der Molekuelenschwings-freiheitsgrade in stationaeren Gastroemungen/. 16 p2862 A67-31467
The dissipation in incompressible flows /Ueber die Dissipation in dichtebestaendigen Stroemung/. 17 p2839 A67-32710
- ROME, C. N.**
Lubrication review - A digest of the literature for 1965. [ASME PAPER 66-WA/LUB-8] 04 p0629 A67-15349
- ROME, H. J.**
A multi-input self-optimizing filter with applications to hybrid navigation systems. 17 p2882 A67-32527
- ROMEISER, K. P.**
Design and electrical characteristics of the 25 m antenna of the German ground station for satellite communication in Raisting, Germany. 16 p2622 A67-30699
- ROMER, E. M.**
Astronautics education for Royal Air Force and US Air Force officers. 16 p2782 A67-30786
- ROMERO, J. B.**
Cislunar and planetary missions by thermo-radioisotope propulsion and integrated power. 01 p0155 A67-11413
Survey of thermo-radioisotope propulsion and integrated power for the exploration of cislunar and planetary space. 04 p0655 A67-14554
Survey of thermo-radioisotope propulsion and integrated power systems for spacecraft. 13 p2155 A67-26578
An active thermal insulator technique for cryogenic storage. 19 p3207 A67-34836
- ROMERO, M. A.**
ASW patrol aircraft of the future. [AIAA PAPER 66-727] 13 p2054 A67-27591
- ROMICK, G. J.**
The spatial variation of auroral luminosity. I. 17 p2851 A67-33206
Simultaneous measurements of an incident hydrogen flux and the resulting hydrogen Balmer alpha emission in an auroral hydrogen arc. 23 p3995 A67-40803
- ROMIE, F. E.**
Carbon-silica reaction in silica-phenolic composites. 17 p2809 A67-33034
- ROMINE, H. E.**
Fracture toughness and critical defect sizes with welds of 18 percent nickel maraging steels. 03 p0446 A67-13554
- ROMISHEVSKII, E. A.**
Calculation of flow near the stagnation point of a blunt body taking radiation into account. 13 p2050 A67-26897
- ROMITI, A.**
Some extensions of the L. S. Pontryagin maximum principle for optimum control problems. 06 p0978 A67-18584
- ROMMEL, J.**
Computer driven displays speed evaluation of carrier aircraft landings. 07 p1164 A67-19623
- ROMOV, A. I.**
Vertical motions in atmospheric fronts. 07 p1219 A67-19356
- ROMPOLT, B.**
The H alpha radiation field in the solar corona. 17 p2946 A67-32729
The H sub alpha radiation field in the solar corona for moving prominences. 24 p4209 A67-41965
- RONALD, T. M. F.**
Increased reliability of a high-strength steel through thermal-mechanical

- treatments. 11 p1806 A67-24363
- RONAY, M.**
On second-order strain accumulation in aluminum in reversed cyclic torsion at elevated temperatures. 09 p1517 A67-21753
Interaction of cyclic torsion with axial loads. 10 p1669 A67-23438
- RONCA, L. B.**
Meteoritic impact and volcanism. 02 p0319 A67-11455
Proton-induced hydroxyl formation on the lunar surface. [AFRL-66-795] 02 p0324 A67-11857
- RONCHI, L.**
Time-resolved measurements of the phase fluctuations of a coherent beam at the emergence from a turbulent layer. 17 p2817 A67-33304
- RONCIN, J.-C.**
Example of a program for selecting components for a satellite project / Exemple de programme de selection de composants pour un projet de satellite/. 21 p3572 A67-38676
- RONKIN, L. I.**
Growth of integral functions of many complex variables / O roste tselykh funktsii mnogikh kompleksnykh peremennykh/. 05 p0833 A67-16315
Growth of the function ϕ / r sub 1, ..., r sub n / convex with respect to ln r sub 1, ..., ln r sub n / O roste funktsii ϕ / r sub 1, ..., r sub n / vypuklo otosnitel'no ln r sub 1, ..., ln r sub n/. 10 p1675 A67-23609
Analog of the Welerstrass canonical product for integral functions of many complex variables / Ob analoge kanonicheskogo proizvedeniia Veltersstrassa dlia tselykh funktsii mnogikh kompleksnykh peremennykh/. 22 p3827 A67-39215
- RONNEBERGER, D.**
Sound propagation in streaming air within tubes having changes of cross-section and flow losses / Schallausbreitung in luftdurchstroemten Rohren mit Querschnittsveraenderungen und Stroemungsverlusten/. 01 p0114 A67-10819
- RONSMANS, P.**
Reduction of nonautonomous differential equations to dynamic systems in the sense of Birkhoff / Reduction d'equations differentielles non autonomes a des systemes dynamiques au sens de Birkhoff/. 18 p3072 A67-34392
- ROORDA, J.**
An energy method for stability analysis of nonlinear, nonconservative systems. 15 p2519 A67-30194
- ROOS, B. W.**
The injection of tenuous plasma into a magnetic guide field in the absence of wall-shortening. 22 p3846 A67-39485
- ROOS, C. E.**
Energy-gap measurements in type-II superconductors by a new method. 07 p1233 A67-19843
- ROOS, F. W.**
Aerodynamics of oscillating disks and a right-circular cylinder. 06 p1101 A67-18136
- ROOS, P. R.**
Quasifree scattering of 160-Mev protons from nuclei. 02 p0269 A67-11862
- ROOSEN, J.**
A collection of spectral diagrams of solar radio type IV events. 04 p692 A67-14588
The distribution of the 9 cm radio emission over the solar disk during the sunspot minimum. 12 p2001 A67-25226
- ROOT, M. W.**
An evaluation of the national space inventory for logistics. [AIAA PAPER 66-866] 03 p0519 A67-14017
Application of Saturn S-IVB Apollo systems to planetary exploration. 08 p1411 A67-21074
- ROOT, W. L.**
Determinable classes of channels. 03 p0369 A67-13799
- ROPE, E. L.**
Reconstructions of visible images from reduced-scale replicas of microwave holograms. 09 p1496 A67-21709
- ROPER, R. G.**
The semidiurnal tide in the lower thermosphere. 04 p0615 A67-14969
Atmospheric turbulence in the meteor region. 05 p0802 A67-17382
Turbulence in the lower thermosphere. 10 p1643 A67-23250
- ROQUE, C.**
Scattering of energetic particles by laboratory plasmas. 08 p1361 A67-21136
- ROQUET, J.**
Experimental study of rapid geomagnetic variations in the vicinity of the equator / Addis Ababa / Etude experimentale des variations geomagnetiques rapides au voisinage de l'equateur / Addis-Abeba/. 03 p0409 A67-12844
Recent results concerning the manifestation on the ground of rapid magnetic variations, near the magnetic equator / Resultats recents sur la manifestation au sol des variations magnetiques rapides, pres de l'equateur magnetique/. 12 p1931 A67-25117
- RORSCHACH, H. E., JR.**
Measurements of magnetization in superconductive molybdenum. 17 p2925 A67-33379
- ROSA, R. J.**
Magnetohydrodynamics applied to aerospace and deep space propulsion. 06 p1076 A67-19023
- ROSANOFF, R. A.**
Research directions in matrix error analysis. [AIAA PAPER 67-142] 06 p1024 A67-18475
- ROSANSKY, M. G.**
A high energy density zinc/oxygen battery system. 13 p2055 A67-26836
- ROSATELLI, C.**
Low noise transistorized amplifier at 408 MHz for synthesis radiotelescope. 17 p2827 A67-32785
- ROSATI, F.**
Histophysiological study of pulmonary circulation of rabbits subjected to acute hyperbaric oxygenation at 3 atmospheres absolute / Osservazioni isto-fisiologiche sul circolo polmonare del coniglio sottoposto ad ossigenazione iperbarica acuta a 3 atmosfere assolute/. 16 p2614 A67-31473
- ROSCH, J.**
Selenodetic measurements - An introduction. 18 p3129 A67-34309
Note on a photometric determination of the moon's form from eclipse observations. 18 p3129 A67-34313
- ROSCHE, E. J.**
End-wall pressure distributions in a confined vortex. [JPL-TR-32-1099] 10 p1626 A67-23150
Oil-smoke generator for use at elevated pressures. [JPL-TR-32-1117] 14 p2293 A67-28751
- ROSCISZEWSKI, J.**
Efficiencies of plasma propulsion devices. 01 p0141 A67-11388
Attenuation of a shock wave due to the nonequilibrium ionization and radiation. 11 p1774 A67-23856
Acceleration process in the Hall current device. 16 p2719 A67-31237
- ROSCOE, S. N.**
The case for the moving map display. 23 p4003 A67-41283
- ROSE-INNES, A. C.**
Non-linearity in the voltage-current characteristic of a type-2 superconductor. 10 p1696 A67-23775
- ROSE, A.**
Hydrogen reliquefaction in earth orbit. 13 p2091 A67-27636
- ROSE, C. H.**
Try shear-spinning to form tough alloys. 18 p3054 A67-34365
- ROSE, D. J.**
Generation of a quiescent, variable-parameter arc plasma. 15 p2523 A67-29228
Universal instability of a resistive plasma column. 18 p3086 A67-33986
- ROSE, F. K.**
Ablation of magnesite. [AIAA PAPER 65-641] 03 p0449 A67-13061
- ROSE, G.**
The morphology of winter anomaly of absorption. 10 p1646 A67-23267
An instrument for the determination of air-flow velocity in short tubes at low gas pressure / Ein Messgeraet zur Bestimmung der Stroemungsgeschwindigkeit in kurzen Rohren / Ionenzaehlern / bei niedrigem Gasdruck/. 20 p3451 A67-37300
- ROSE, H. W.**
Improvement of recorded holographic fringes by feedback control. 15 p2491 A67-30432
- ROSE, J. W.**
On the mechanism of dropwise condensation. 17 p2969 A67-32447
- ROSE, L. J.**
Observations of the zodiacal light from a sounding rocket. 08 p1326 A67-21244
- ROSE, P. H.**
Feasibility of a high performance aerodynamic impulse facility. 21 p3605 A67-37768
- ROSE, R. E.**
Human performance in single and two-axis tracking systems. 17 p2808 A67-33178
- ROSE, R. K.**
Dynamic analysis of the reaction control rocket engines and propellant system of the lunar module using digital computer methods. 01 p0142 A67-11435
- ROSE, R. M.**
Measurement of the anisotropic energy gap in niobium single crystals by tunneling. 22 p3865 A67-40440
- ROSE, W. K.**
Centimeter radiation from Jupiter and Saturn. 21 p3709 A67-38994
- ROSEAU, M.**
Diffraction by a wedge in an anisotropic medium. 24 p4123 A67-42706
- ROSEBROCK, T. L.**
Experimental investigations of closed-loop MPD power generation. 16 p2802 A67-30557
- ROSELAND, L. M.**
Structural adhesives in space applications. 09 p1578 A67-22523
- ROSEMAN, J. J.**
The principle of Saint-Venant in linear and nonlinear plane elasticity. 22 p3912 A67-39743
- ROSEN, B. W.**
Fiber reinforced composite materials. 11 p1805 A67-24221
- ROSEN, E. M.**
A review of quasi-Newton methods in nonlinear equation solving and unconstrained optimization. 02 p0259 A67-11801
- ROSEN, G.**
Solutions of a certain nonlinear wave equation. 03 p0457 A67-13171
A conjecture regarding quantized gravitational theory and the size of elementary particles. 18 p3080 A67-34728
- ROSEN, H.**
Communications via satellites / Nachrichtenverbindungen ueber Satelliten/. 01 p0022 A67-10452
- ROSEN, J. B.**
Approximate computational solution of non-linear parabolic partial differential equations by linear programming. 07 p1213 A67-19159
Optimal control and convex programming. 10 p1620 A67-23426
Optimal control and convex programming. 17 p2829 A67-32431
Chebyshev solution of large linear systems. 23 p4023 A67-41048
- ROSEN, L.**
Focused-image holography with extended sources. 03 p0420 A67-13574
Holograms and zone plates. 03 p0420 A67-13676
Realism of image formation in holograms. 05 p0809 A67-17530
Holograms of the aerial image of a lens. 07 p1188 A67-19787
Focused-image holography - A method for restoring the third dimension in the recording of conventionally-focused photographs. 07 p1188 A67-19788
The pseudoscopic inversion of holograms. 07 p1188 A67-19799
Apparent rotation of hologram virtual images. 10 p1653 A67-22717
Focusing hologram diffraction grating. 10 p1658 A67-23788
Film plane holograms without external source reference beams. 11 p1793 A67-24828
Moire effects in computer-generated holograms. 24 p4158 A67-42809
- ROSEN, N.**
Energy in an expanding universe. 13 p2199 A67-27004
- ROSEN, S.**
The structure of the gamma-phase in nickel-base super-alloys. 01 p0095 A67-10687
NAPSS - A numerical analysis problem solving system. 02 p0206 A67-11803
Alloy phases in W-Re and Mo-Re alloys at low temperature. 17 p2873 A67-32813
Secondary antiprotons in galactic cosmic radiation. 19 p3316 A67-36098
Nucleon pair production in the upper atmosphere. 21 p3620 A67-38843

- ROSENBAUM, B. M.**
Viscosity correlation for para-hydrogen in the gaseous and liquid states. 05 p0873 A67-17224
- ROSENBAUM, H.**
Pressure fluctuations beneath an incompressible turbulent boundary layer with mass addition. 18 p3030 A67-34742
- ROSENBAUM, R.**
A combination numerical-analytical approach to ascent trajectory optimization. 07 p1253 A67-19971
A combination numerical-analytical approach to ascent trajectory optimization. [AAS PAPER 66-112] 13 p2208 A67-27528
Rapid determination of near-optimum linear pitch programs for rocket boosters. 19 p3335 A67-35976
- ROSENBAUM, S.**
Ray optics for radiation problems in anisotropic regions with boundaries. I. 20 p3388 A67-37702
- ROSENBERG, D. L.**
Parameters of the optical properties of the lunar surface powder in relation to solar-wind bombardment. 16 p2753 A67-31744
- ROSENBERG, E.**
Determination of DNA base composition via depurination. 04 p0564 A67-14406
- ROSENBERG, H. M.**
Electron-acceptor properties of mellitic trianhydride. 04 p0567 A67-15952
- ROSENBERG, M. J.**
Design and thermal analysis of a meteoroid satellite detection model. 02 p0334 A67-12378
- ROSENBERG, N.**
Correlation between the 5577 angstrom units /OI/ night airglow intensity and solar activity. 16 p2749 A67-31404
- ROSENBERG, N. W.**
Observation of mesosphere winds and turbulence with smoke trails. 18 p3043 A67-34496
- ROSENBERG, P.**
Clear air turbulence. 09 p1526 A67-22390
- ROSENBERG, R. M.**
Steady-state forced vibrations. 04 p0656 A67-14444
On nonlinear vibrations of systems with many degrees of freedom. 08 p1353 A67-20311
On the vibrations of a particle in the plane. 11 p1818 A67-24085
- ROSENBERG, S. D.**
The utilization of lunar resources for propellant manufacture. 08 p1316 A67-21092
- ROSENBERG, T. J.**
On the coherency of X-ray and optical pulsations in auroras. 17 p2844 A67-32543
- ROSENBLATT, F.**
Recent work on theoretical models of biological memory. 24 p4116 A67-42698
- ROSENBLUM, B.**
Transition of type-I superconducting thin films in a perpendicular magnetic field - A microwave study. 22 p3856 A67-39437
- ROSENBLUM, M.**
Design requirements of a reactor-Rankine power system for a lunar-base mission. 24 p4185 A67-42545
- ROSENBLUTH, M. N.**
Finite-beta resistive instabilities of magnetospheric tails. 07 p1244 A67-19923
Convective modes driven by density gradients. 10 p1685 A67-23462
Destruction of magnetic surfaces by magnetic field irregularities. 10 p1686 A67-23468
Instabilities due to temperature gradients in complex magnetic field configurations. 13 p2162 A67-26284
Approximate equations for plasmas in mirror machines. 16 p2714 A67-30875
Problems in plasma microinstability. 20 p3495 A67-36153
- ROSENBROCK, H. H.**
Relations between discrete nonlinear filters and some Gaussian formulas /Sur les relations entre les filtres lineaires discrets et quelques formules de Gauss/. 19 p3250 A67-35910
- ROSENBRUCH, K. J.**
The measurement of the optical transfer functions of lenses. 22 p3837 A67-40072
- ROSENCRANS, S. I.**
On the spectrum of an operator occurring in the theory of hydrodynamic stability. 03 p0402 A67-13172
- ROSENFELD, A.**
Sequential operations in digital picture processing. 03 p0375 A67-13560
- ROSENFELD, M. M.**
A fault prediction application of Markov chains. 03 p0400 A67-14220
- ROSENFELD, A. R.**
Crack extension and propagation under plane stress. 16 p2769 A67-31286
- ROSENHAUER, K.**
The measurement of the optical transfer functions of lenses. 22 p3837 A67-40072
- ROSENHECK, A. J.**
External-ear replica for acoustical testing. 21 p3577 A67-38148
- ROSENMAN, I.**
Shubnikov-de Haas effect and electron band structure of cadmium arsenide. 06 p1064 A67-18947
- ROSENMAN, L.**
A 7-ft-diam shock tube for transonic and supersonic aerodynamic testing. 04 p0598 A67-15254
- ROSENSHINE, M.**
Communications constraint in the air traffic control system. [AIAA PAPER 67-868] 24 p4124 A67-42991
- ROSENSTARK, S.**
Design of timelimited and almost timelimited signals imbedded in colored Gaussian noise. 02 p0204 A67-12171
- ROSENSTWEIG, R. E.**
Regenerative thermomagnetic power. [ASME PAPER 66-WA/ENER-1] 04 p0555 A67-15414
Theory of an improved thermomagnetic generator. 09 p1452 A67-22697
Regenerative thermomagnetic power. [ASME PAPER 66-WA/ENER-1] 18 p2989 A67-34128
- ROSENTHAL, J. W.**
Competition, new entry and the public interest. 19 p3349 A67-34980
- ROSENTHAL, M. E.**
Some computer applications in Saturn stage checkout. 13 p2089 A67-28409
Automatic checkout in the Saturn program. 20 p3417 A67-36975
- ROSENTHAL, M. M.**
Passive millimeter radiometric reconnaissance. 17 p2814 A67-32521
- ROSETTI, C.**
Longitudinal modes of a CO sub 2 laser cavity - Applications /Modes longitudinaux d'une cavite laser a CO sub 2 - Applications/. 10 p1663 A67-22846
- ROSHAL, A. S.**
Communication device with a rapid cyclotron wave in the form of a system of coupled oscillators /Ustroistvo svyaz s bystroj tsiklotronnoi volnoi v vide sistemy svyazannykh rezonatorov/. 05 p0785 A67-17472
Electron flux waves in a resonator with a transverse sinusoidal electric field /Volny elektronogo potoka v rezonatore s poperechnym sinusoidal'nyim elektricheskim polem/. 14 p2288 A67-28807
- ROSHCHENKO, S. T.**
Change in coercive force of ferromagnetic films in the transition to the "supercritical" state /Ob izmenenii koertsitivnoi sily ferromagnitnykh plenok pri perekhode v "zakriticheskoe" sostoyanie/. 12 p1981 A67-25243
- ROSHCHINA, N. A.**
The effect of hypoxia on the cellular and humoral immunity of mice /Vliyanie gipoksii na kletochnyi i gumoral'nyi immunitet u myshei/. 16 p2612 A67-30906
- ROSHKO, A.**
Effect of a shoulder modification on turbulent supersonic base flow. 10 p1592 A67-23156
- ROSICA, G. A.**
Simple tester for the rapid determination of the tensile strength of fine filaments. 20 p3537 A67-36522
- ROSING, S. L.**
Analysis and comparison of spacecraft resources forecasting techniques for unmanned missions. [AIAA PAPER 67-809] 24 p4259 A67-42966
- ROSINSKI, J.**
A continuous ice nucleus counter and its application to tracking in the troposphere. 10 p1654 A67-22818
- ROSINSKI, W.**
Investigation of Gunn oscillations in epitaxial gallium arsenide films /Badanie drgan Gunna w epitaksjalnych warstwach arsenku galu/. 12 p1981 A67-25279
- ROSMAN, H.**
Forced motion of a linear oscillator subjected to harmonic AM perturbations /Miscarea fortata a oscilatorului liniar supus la perturbatii modulate armonice in amplitudine/. 21 p3658 A67-38554
- ROSNER, D. E.**
Effects of the Stefan-Nusselt flow on the apparent kinetics of heterogeneous chemical reactions in forced convection systems. 04 p0567 A67-15681
On liquid droplet combustion at high pressures. 05 p0929 A67-17359
NO plus O chemiluminescent reaction using adiabatically expanded nitric oxide. 15 p2434 A67-29884
Ablation rates in mixtures of reactive gases. 17 p2971 A67-33021
Convective diffusion limitations on the rates of chemical reactions at solid surfaces - Kinetic implications. 18 p2997 A67-33795
Enhancement of diffusion-limited vaporization rates by condensation within the thermal boundary layer. I. 22 p3920 A67-40423
- ROSNER, M.**
Efficiency of closed-loop MHD generators utilizing thermal non-equilibrium ionization. 16 p2603 A67-30561
- ROSS, A. L.**
Non-linear cylindrical bending of flat plates. 22 p3910 A67-39480
- ROSS, B.**
The buckling behavior of uniformly heated thin circular cylindrical shells. 01 p0163 A67-11013
- ROSS, C. T. F.**
Axisymmetric deformation of a multi-bay circular cylindrical shell. 20 p3537 A67-36495
- ROSS, D.**
Aircraft position determination - A modern view of requirements. 19 p3256 A67-35860
- ROSS, D. H.**
Magneto-aerodynamic flow past a blunt-nosed model with a skewed magnetic field. 14 p2244 A67-29049
- ROSS, D. P.**
Reaction of molten metal droplets with a rarefied atmosphere. 10 p1733 A67-23124
- ROSS, D. W.**
Comments on the solution to the Boltzmann equation for a weakly ionized plasma. 07 p1228 A67-19503
- ROSS, E. W., JR.**
Frequencies and mode shapes for axisymmetric vibration of shells. 04 p0714 A67-15424
Transition solutions for axisymmetric shell vibrations. 08 p1414 A67-20346
- ROSS, F. A.**
Reaction and power conversion system design integration for earth orbital application. 24 p4186 A67-42547
- ROSS, G. F.**
The transient analysis of certain TEM mode four-port networks. 04 p0591 A67-14861
Phase shifter for wide-band signals. 10 p1613 A67-23414
Series and parallel pulse-forming networks for the generation of microwave energy. 22 p3774 A67-40444
- ROSS, H. E.**
Sensory information necessary for the size-weight illusion. 03 p0363 A67-12850
- ROSS, H. P.**
A bidirectional reflectance accessory for spectroscopic measurements. 23 p4002 A67-41261
- ROSS, I.**
Inertial navigation and gust measurement from meteorological research flight aircraft. 06 p1002 A67-18025
- ROSS, J. A.**
Generation of vorticity by waves in a plasma. 15 p2524 A67-29231
- ROSS, J. H.**
Formation of metal filaments and their characterization. 21 p3643 A67-37878
- ROSS, J. W.**
Compact, high-powered, frequency multipliers for S-band telemetry frequencies. 14 p2288 A67-28692
- ROSS, L. L.**
Numerical solution of the Navier-Stokes equation for flow past spheres. I. 12 p1927 A67-25282
- ROSS, R. A.**
Scattering by a finite cylinder. 17 p2816 A67-32789
Radar cross-section of a finite rectangular cylinder. 19 p3183 A67-35518
- ROSS, R. G.**
Equation of state and electrical resistivity

- of liquid mercury at elevated temperatures and pressures. 21 p3686 A67-39104
- ROSS, R. L.**
Microwave mixing with weakly coupled superconductors. 22 p3865 A67-40439
- ROSS, R. S.**
Survey of aerodynamic deceleration systems. [AIAA PAPER 66-988] 02 p0181 A67-12299
- ROSS, R. W.**
Digitized spark chamber for space science experiments. 12 p1944 A67-25854
- ROSS, S.**
Low-pressure physical adsorption and electron microscope study of the surface of annealed pyrolytic graphite. 06 p1020 A67-17988
Venus-swingby mission mode and its role in the manned exploration of Mars. [AIAA PAPER 66-37] 07 p1248 A67-19363
Trajectory design for planetary mission analysis. 08 p1384 A67-20617
- ROSS, W. J.**
Spatial variations of ionospheric height at middle latitudes. 08 p1328 A67-21479
Some geophysical measurements using extended range observations of a radio beacon satellite. 12 p1935 A67-25797
The diffraction of H.F. radio waves by ionospheric irregularities. [AGARDGRAPH 95] 15 p2482 A67-30291
- ROSSBACH, A.**
Rocket experiment for the investigation of auroras /Raketexperiment zur Untersuchung von Nordlichtern/. 23 p3997 A67-41333
- ROSSBACH, J.**
The scheduling problem in satellite communications systems. 17 p2810 A67-32111
- ROSSBACH, R. J.**
Metallurgical and fluid dynamic results of a 2000-hour endurance test on a two-stage, 200-horse-power turbine in wet potassium vapor. [ASME PAPER 67-GT-9] 11 p1745 A67-24797
- ROSSBERG, L.**
Rocket experiment for the investigation of auroras /Raketexperiment zur Untersuchung von Nordlichtern/. 23 p3997 A67-41333
- ROSSBY, S. A.**
Satellite detection of UHF emissions from cumulus clouds. 22 p3806 A67-40358
- ROSSER, J. B.**
A Runge-Kutta for all seasons. 21 p3652 A67-38173
- ROSSER, W. A., JR.**
The quenching of premixed flames by volatile inhibitors. 02 p0342 A67-12031
- ROSSETTI, U.**
Basic equations for shells with circular parallel sections. 10 p1731 A67-23844
- ROSSETTOS, J. N.**
Analysis of prestressed layered shells with applications to buckling. 19 p3343 A67-35778
- ROSSI, F. S.**
Effect of fluid dynamic phenomena on spontaneous pressure spikes in the Apollo SPS thrust chamber. [AIAA PAPER 67-513] 18 p3114 A67-33976
- ROSSI, J. A.**
Volume excitation of an ultrathin single-mode CdSe laser. 01 p0091 A67-10879
- ROSSI, L. C.**
Design and performance considerations on the application of derived rate increment feedback to satellite attitude control systems. 13 p2212 A67-27297
- ROSSI, R. C.**
Hypereutectic carbides highly resistant to thermal shock. 11 p1809 A67-25004
- ROSSIER, D.**
Nuclear relaxation in superconducting niobium near the upper critical field. 21 p3684 A67-38563
- ROSSMEISL, R.**
The design and fabrication of a thin film hybrid subaudio active filter. 18 p3015 A67-34559
- ROSSNER, L. F.**
The finite-amplitude oscillations of the Maclaurin spheroids. 19 p3263 A67-36078
- ROSSO, J.-C.**
Hardness of certain polyesters copolymerized with styrolyne - Reticulation and temperature effects /La dureté de certains polyesters copolymérisés avec du styrolyne - Influence de la reticulation et de la température/. 05 p0759 A67-16767
Effect of reticulation on the pyrolytic decomposition of nonsaturated polyester styrene copolymers /Influence de la reticulation sur la decomposition pyrolytique de copolymérisés polyesters insatursstyrene/. 05 p0759 A67-16768
- ROSSONI, G.**
Preliminary results of wind-tunnel tests on a V/STOL aircraft model /Risultati preliminari di prove alla galleria aerodinamica su di un modello di velivolo STOL/. 22 p3745 A67-39728
- ROSSOW, E. C.**
Computer analysis of the F-111 wing assembly. 03 p0525 A67-13967
- ROSSOW, V. J.**
On the origin of circulation for tornado formation. 04 p0649 A67-14678
A study of an electrostatic-motor drive for tornado vortices. 12 p1963 A67-25383
Magnetic-compression waves in collisionless plasma - Oblique ambient magnetic field. 16 p2719 A67-31232
- ROSTAGNI, G.**
Magnetic field superposition technique for fast compression and long containment time of plasma in theta-pinch. 11 p1840 A67-24652
- ROSTAS, F.**
Diagnostic methods of plasmas using lasers /Les methodes de diagnostic des plasmas utilisant des lasers/. 03 p0477 A67-13474
Auxiliary-arc electrodes for magnetoaerodynamic systems /Electrodes a arc auxiliaire pour machines magnetoaerodynamiques/. 09 p1444 A67-21822
- ROSTEN, F.**
Nuclear magnetic resonance /NMR/ as a quality control tool. 03 p0429 A67-13448
- ROSTOCKI, S. J.**
Electron beam and laser beam line-scan recording - A critique. 17 p2857 A67-32470
- ROSTOKER, G.**
A determining factor in the form of the equivalent current system for geomagnetic bays. 11 p1788 A67-24699
The frequency spectrum of P1 2 micropulsation activity and its relationship to planetary magnetic activity. 13 p2109 A67-26327
Relationship between changes in the interplanetary magnetic field and variations in the magnetic field at the earth's surface. 19 p3222 A67-35473
- ROSTOKER, N.**
Quasi-particles in a plasma. 20 p3495 A67-36155
- ROSTOKIN, V. I.**
Contribution to the theory of energy levels of atoms in a plasma. 06 p1039 A67-17881
- ROSTOVTSEV, G. G.**
Bending of a flexible ring /Izglyb gibkogo kol'tsa/. 21 p3724 A67-38783
- ROSTOVTSEV, G. N.**
Study of exoelectronic emission from metallic surfaces /Izuchenie ekzoelektronnoi emissii s metallicheskih poverkhnostei/. 07 p1201 A67-19256
Study of the phase and structural transformations in metals and alloys with the aid of exoelectronic emission /Izuchenie fazovykh i strukturnykh prevrashchenii v metallakh i splavakh s pomoshch'yu ekzoelektronnoi emissii/. 07 p1201 A67-19257
- ROSZINSKI, H.**
Analytical investigation of hexogen-octogen mixtures /Analytische Untersuchung von Hexogen-Octogen-Gemischen/. 05 p0872 A67-17153
- ROTA, P.**
Experimental investigation of the effects of Mueller's maneuver on tolerance of -G sub z acceleration /Ricerche sperimentali circa gli effetti della manovra di Mueller sulla resistenza alle accelerazioni -G sub z/. 12 p1901 A67-25172
- ROTANOVA, N. M.**
Certain problems of electromagnetic induction for a flat model of the earth /Nekotorye voprosy elektromagnitnoi induktsii dlia ploskoi modeli zemli/. 21 p3622 A67-39027
- ROTELA, S.**
Automatic extraction of radar information /Estrazione automatica di dati radar/. 24 p4122 A67-42407
- ROTENBERG, M.**
Phase-change problems with variable surface temperatures. 10 p1733 A67-23119
- ROTH, A.**
Vacuum Sealing Techniques. 19 p3238 A67-35925
- ROTH, A. J., JR.**
Potable water standards for aerospace systems - 1967. 21 p3576 A67-38071
Potable water standards for aerospace systems - 1967. 23 p3968 A67-41620
- ROTH, D.**
Properties of chromium-doped rutile for microwave masers /Eigenschaften von chromdotiertem Rutil fuer Mikrowellenmaser/. 01 p0088 A67-10246
Cochralski-grown ruby as a maser material. 24 p4205 A67-42813
- ROTH, E. M.**
Selection of space-cabin atmospheres. 11 p1748 A67-24262
Space crew environment. [AIAA PAPER 67-855] 24 p4117 A67-42999
- ROTH, H. L.**
Studies relative to rendezvous between circular orbits. 09 p1564 A67-21695
Determination of an orbit between two position vectors with specified periaaps radius. 16 p2746 A67-30959
Minimization of the velocity increment for a bielliptic transfer with plane change. 20 p3526 A67-37126
- ROTH, J. P.**
On-line reliability calculations to achieve a balanced design of an automatically repaired computer. 17 p2820 A67-32501
- ROTH, J. R.**
An open-cycle life-support system for manned interplanetary spaceflight. 04 p0563 A67-15245
Experimental investigation of single interaction nonadiabatic losses from axisymmetric magnetic mirrors. 08 p1362 A67-21150
A new mechanism for low-frequency oscillations in partially ionized gases. 22 p3844 A67-39383
- ROTHBERG, G. M.**
Method for measuring pressure dependence of thermal conductivity of gases. 09 p1499 A67-22424
- ROTHER, D. E.**
Electron beam studies of the diffusive separation of helium-argon mixtures. 02 p0234 A67-12543
- ROTHER, E. W.**
Measurement of the Li-Hg total cross section at very low energies. 18 p3082 A67-34031
- ROTHER, H.**
The gain and the admittance matrix of neutralized amplifier stages. 01 p0035 A67-10432
Intrinsic noise temperature of the reflection maser. 06 p1010 A67-17892
- ROTHER, H. C.**
Investigation of inherent gas-bearing-torques acting on a spinning sphere gyro. 01 p0077 A67-10124
- ROTHEN, F.**
Superconductivity and electromagnetism potentials /supraconductivite et potentiels electromagnetiques/. 22 p3863 A67-40198
- ROTHENBERG, J. H.**
General trends in vacuum simulation. 17 p2834 A67-32597
- ROTHENFLUG, R.**
Flux and energy spectra of primary cosmic X and gamma rays between 20 kev and 1 mev. 10 p1701 A67-23231
Observation of the isotropy of the primary diffuse X-ray flux between 20 and 80 kev /Observation de l'isotropie du rayonnement X primaire non localise entre 20 et 80 kev/. 19 p3313 A67-35244
- ROTHHARDT, L.**
Experiments with shock waves in argon with caesium admixture. 14 p2354 A67-27761
Problems of magnetohydrodynamic generators /Zur Problematik der magnetohydrodynamischen Generatoren/. 17 p2803 A67-32335
Electrical conductivity of plasma ahead of and behind shock waves /Die Elektrizitaetsleitung durch Stosswellenplasmen und deren Vorlaeuffer/. 17 p2900 A67-32344
Technique of switching strong shock currents and of producing strong pulsed magnetic fields /Die Technik des Schaltens starker Stossstroeme und der Erzeugung starker Impulsmagnetfelder/. 17 p2803 A67-32350
Device for the direct measuring of pressure differences in the high- and ultrahigh-vacuum range /Eine Anordnung zur direkten Messung von Differenzdrucken im

- Fein-und Hochvakuumbereich/. 17 p2855 A67-32352
- ROTHMAN, G. P.**
Effects of a density gradient on the magneto-Kerr effect at the boundary of a collisional plasma. 13 p2164 A67-26300
- ROTHMAN, M. A.**
Confinement of energetic plasma in magnetic mirrors in the model C stellarator. 15 p2523 A67-29213
- ROTHMAYER, W.**
Determination of stability coefficients from free-flight measurements aboard missiles /Bestimmung von Stabilitätsbeiwerten aus Freiflugmessungen an Flugkörpern/. 04 p0703 A67-14553
- ROTHROCK, B. D.**
An apparatus for measuring thermal expansion at elevated temperatures. 16 p2677 A67-31542
- ROTHSTEIN, A. A.**
Techniques for sterile insertion and repair of spacecraft. 19 p3180 A67-35259
- ROTHSTEIN, J.**
Families of chain configurations on the quadratic lattice and on narrow lattice channels. 08 p1356 A67-21299
- ROTHWART, A.**
Measurement of recombination lifetimes in superconductors. 17 p2913 A67-32370
- ROTINA, V. IU.**
Automatic control system with output parameters controlled in accordance with the results of indirect measurements /Ob odnol sisteme avtomaticheskogo upravleniya, dopuskalushchel regulirovanie vykhodnykh parametrov po rezul'tatam kosvennykh izmereniy/. 06 p1006 A67-18791
- Automatic control system permitting control of output parameters via the results of indirect measurements. 18 p3049 A67-34456
- ROTONDO, G.**
Contribution to the study of medicolegal problems of flight accident injuries /Contributo allo studio dei problemi medicolegali relativi alla lesivita' da disastri aerei/. 21 p3575 A67-38508
- ROSTEN, J.**
Imaging microdensitometer. 06 p1001 A67-17791
- ROTTA, J. C.**
Investigation of the turbulent boundary layer of a pinched-waist body of revolution in subsonic and supersonic flow /Untersuchungen der turbulenten Grenzschicht an einem taillierten Drehkörper bei Unter- und Uberschallströmung/. 03 p0350 A67-12989
- Recent developments in calculation methods for turbulent boundary layers with pressure gradients and heat transfer. 04 p0610 A67-15908
- Critical review of existing methods for calculating the development of turbulent boundary layers. 11 p1776 A67-24044
- Second-order boundary layer theory for plane and axisymmetric hypersonic flow /Grenzschichttheorie zweiter Ordnung fuer ebene und achsensymmetrische Hyperschallströmung/. 23 p3991 A67-41252
- ROTTENKOLBER, H.**
Two-beam interferometer using a laser. 10 p1652 A67-22709
- ROUANET, J. M.**
Concept, development, and tests of solar thermionic converters with alkaline vapor refueling /Conception, realisation et essais de convertisseurs thermioniques solaires a vapeur de remplissage alcaline/. 07 p1132 A67-20287
- ROUARD, P.**
Optical properties of thin metallic films relative to the electronic structure in microcrystals /Proprietes optiques des couches minces metalliques en liaison avec la structure electronique dans les microcristallites/. 02 p0288 A67-11722
- ROUBICHEK, A. A.**
Position of the pilot's hands and feet on the cockpit controls during training on a simulator /Polozhenie konechnostei na shтурвале samoleta vo vremia poteri soznaniya pri imitatsii poleta na trenazhere/. 20 p3374 A67-36284
- ROUCHE, N.**
The Rayleigh function and the mechanics of dissipative systems /La fonction de Rayleigh et la mecanique des systemes dissipatifs/. 04 p0658 A67-15584
- ROUGOOR, G. W.**
The forthcoming series of galactic center occultations. 17 p2945 A67-32646
- ROUKLOVE, P.**
Thermionic converter and generator 09 p1449 A67-22344
- ROULANDS, D.**
Quasilinear theory of plasma cyclotron instability. 03 p0475 A67-12933
- Contribution to the theory of decay of electromagnetic waves in a magnetoactive plasma. 03 p0475 A67-12934
- ROULENDS, D.**
Quasi-linear theory of plasma cyclotron instability /Kvazilineinaya teoriya tsiklotronnoi neustoiichivosti plazmy/. 16 p2717 A67-31179
- ROULEAU, M.**
Electrically stimulated freezing of supercooled fog /Electrocongelation des brouillards surfondus/. 16 p2699 A67-31717
- ROULSTON, D. J.**
Frequency doublers using charge-storage/step-recovery diodes. 20 p3395 A67-36315
- ROUSE, C. A.**
Decrease in the intensity of hydrogen lines in the solar photosphere and chromosphere. 03 p0512 A67-14004
- Screened Coulomb solutions of the Schroedinger equation. 19 p3266 A67-36091
- ROUSH, M. S.**
Structural materials for high altitude/high temperature vehicles. 01 p0094 A67-10573
- ROUSSEAU, D.**
Calculation of the behaviour of a bar during a high-strain-rate tensile test. 14 p2400 A67-28523
- ROUSSEAU, M.**
Problems of Optics /Problemes d'Optique/. 14 p2349 A67-29006
- ROUSSEAU, P.**
Logic gate with coupled integrated-circuit transmitters /Porte logique a emetteurs couples realisee en circuit integre/. 23 p3977 A67-40662
- ROUX, B.**
Calculation of the local convection coefficient along the stop line of a side-slipping solid of revolution - Hypersonic flows, laminar boundary layer /Sur le calcul de coefficient de convection local le long de la ligne d'arret d'un corps de revolution en derapage - Ecoulements hypersoniques, couche limite laminaire/. 02 p0178 A67-12061
- ROUX, G.**
The hydraulic system of the Concorde. 17 p2800 A67-31971
- ROUZEYRE, M.**
Study of conduction in structures with thin superimposed metal-insulator-metal layers /Etude de la conduction dans les structures a couches minces superposees metal-isolant-metal/. 02 p0295 A67-11762
- ROVERI, A.**
On the sensitivity of the gain of tunnel-diode amplifiers due to a change in negative resistance value. 03 p0382 A67-13668
- A new echo suppressor with selective attenuation. 11 p1754 A67-24651
- ROVINSKII, B. M.**
Interrelation and peculiarities of the processes of stress relaxation, creep, and uniaxial elongation /Relaksatsiya napriazhenii, polzuchest' i odnoosnoe rastiazhenie, obshchnost' i osobennosti protsessov/. 06 p1109 A67-18809
- ROVINSKII, E. V.**
Design and structural strength of aircraft gas-turbine engines /Konstruktsiya i prochnost' aviatsionnykh gazoturbinnnykh dvigatelei/. 17 p2928 A67-32564
- ROVINSKII, R. E.**
Energy balance of a stationary induced discharge. 09 p1544 A67-21854
- The geometry of electrodeless discharges induced in inert gases. 16 p2723 A67-31770
- ROVNYKH, A. V.**
Nonlinear theory of the carrier surface /K nelineinoy teorii nesushchey poverkhnosti/. 20 p3356 A67-36439
- ROWAN-ROBINSON, G. M.**
Anisotropic distribution of quasars with large redshift. 07 p1250 A67-19668
- ROWAN-ROBINSON, M.**
Density evolution hypothesis for quasars. 05 p0903 A67-17328
- ROWAN, L. C.**
Orbiter observations of the lunar surface. [AAS PAPER 66-180] 08 p1386 A67-20957
- ROWBERG, R.**
Excitation and damping of drift waves. 09 p1550 A67-22679
- Excitation and damping of drift waves. 11 p1835 A67-24382
- ROWBOTHAM, J. R.**
Random characteristics of the type II phase-locked loop. 18 p3017 A67-34104
- ROWE, C.**
Determination of microwave-tube transfer functions. 17 p2827 A67-32791
- Proportional counters and electronic systems for observing cosmic X-rays. 23 p4001 A67-41222
- ROWE, G. W.**
Introductory survey of lubrication and wear. 20 p3455 A67-37262
- ROWE, I.**
Experimental results with the variable fluid and field velocity MHD generator. 12 p1897 A67-25377
- ROWE, J. E.**
Equivalent resistance of CEF photomodulators. 09 p1479 A67-22278
- ROWE, M. W.**
Galactic and solar nucleosynthesis. 02 p0320 A67-11472
- Cosmic ray spallation and the special anomaly in achondrites. 11 p1866 A67-24696
- Iodine, uranium and tellurium contents in meteorites. 24 p4233 A67-42616
- Fissionogenic xenon in the Renazzo and Murray meteorites. 24 p4234 A67-42626
- ROWE, W. H., JR.**
Effect of gap size on pressure and heating over the flap of a blunt delta wing in hypersonic flow. [AIAA PAPER 66-408] 05 p0749 A67-17220
- ROWELL, L. B.**
Independence of changes in functional and performance capacities attending prolonged bed rest. 05 p0755 A67-16283
- ROWLAND, J. H.**
On the structure of the error curve in Chebyshev approximation by polynomials. 23 p4022 A67-40862
- ROWLAND, S. C.**
The effect of pressure on fatigue. 23 p4075 A67-40666
- ROWLAND, W. R.**
Measurements in a turbulent boundary layer maintained in a nearly separating condition. 11 p1776 A67-24045
- ROWLANDS, G.**
Plasma oscillations perpendicular to a weak magnetic field. 08 p1360 A67-21129
- Extension of the Newcomb entropy method of stability analysis. 08 p1362 A67-21144
- Test-particle relaxation in an electron gas described by the Fokker-Planck kinetic equation. 14 p2356 A67-28203
- ROWLANDS, G. F.**
Simulation of the impedance of the human respiratory system in dynamic testing of aircraft breathing equipment. 24 p4114 A67-41782
- ROWLEY, D.**
Improvements in management control of complex projects. 11 p1885 A67-24656
- ROWLEY, W. R. C.**
Some aspects of fringe counting in laser interferometers. 09 p1493 A67-21613
- ROWSON, B.**
Radio diameter measurements with interferometer baselines of one million and two million wavelengths. 09 p1565 A67-21980
- Measurements of oh emission sources with an interferometer of high resolution. 10 p1709 A67-23491
- ROXBURGH, I. W.**
Implications of the oblateness of the sun. 10 p1709 A67-23487
- Origin of planetary nebulae. 20 p3527 A67-37272
- Effect of rotation and magnetic fields on the formation of single and multiple stars. 22 p3895 A67-40519
- ROY, G.**
High-temperature, rapid-tension installation for studying aerospace materials /Appareillage de traction rapide a haute temperature pour l'etude de materiaux aerospaciaux/. 01 p0102 A67-11086
- ROY, R.**
Water resources on the moon - Experimental studies concerned with predicting the nature of possible water deposits and determining optimum processing conditions for their exploitation. 08 p1317 A67-21093
- System identification and pattern recognition. 15 p2460 A67-30314

- ROY, R. J.**
Control of a nonlinear plant with two level input using a tabular adaptive-predictive model. 02 p0225 A67-12136
Bang-bang control strategy using a tabular adaptive model. 19 p3199 A67-34784
- ROY, U.**
Solubility of carbon in molybdenum, tungsten, and rhenium /Die Löslichkeit von Kohlenstoff in Molybdaen, Wolfram und Rhenium/. 03 p0439 A67-12845
Diffusion of carbon in the carbide phases of tantalum /Diffusion des Kohlenstoffs in den Karbidphasen des Tantal/. 04 p0636 A67-14908
- ROYER, G. M.**
Directive gain and impedance of a ring array of antennas. 02 p0211 A67-11595
- ROYER, M.**
Automatic ground check-out equipment for boosters /Equipements de controle automatique au sol des lanceurs/. 21 p3608 A67-38203
- ROYLE, J. K.**
Characteristics of vortex devices. 08 p1280 A67-20442
- ROYLE, R. J.**
Triple-input describing functions and the stability analysis of forced nonlinear control systems. 16 p2650 A67-31673
- ROZANOV, A. G.**
Measurement of the electron concentration in a xenon pulse discharge by means of a gas laser /Izmerenie kontsentratsii elektronov v impul'snom razlade v ksenone s pomoshch'yu gazovogo lazera/. 09 p1512 A67-21922
Measurement of the concentration of electrons in a pulsed xenon discharge using a gas laser. 14 p2330 A67-38251
- ROZANOV, I. A.**
An informational model of the dynamics of motion and the spatial orientation of a cosmonaut outside a spacecraft /Informatsionnaya model' dinamiki dvizheniya i prostranstvennaya oriyentirovka kosmonavta vne korablia/. 02 p0188 A67-12330
On the densities of Gaussian distributions and Wiener-Hopf integral equations. 11 p1812 A67-24100
Stationary random processes. 20 p3475 A67-36140
- ROZANOV, N. N.**
Parametric resonance in the nonlinear theory of the Zeeman effect /O parametricheskoy rezonanse v nelineinoy teorii efekta Zeemana/. 15 p2498 A67-29468
Interaction of oscillation modes in a gas laser with a spherical-mirror resonator cavity /Vzaimodeystvie tipov kolebaniy v gazovom opticheskom kvantovom generatore s rezonatorom so sfericheskimi zerkalami/. 16 p2685 A67-31038
On paramagnetic resonance in the nonlinear theory of the Zeeman effect. 21 p3641 A67-38549
- ROZANOV, O. K.**
Similarity of detonation of gaseous and liquid explosives. 06 p1112 A67-17960
- ROZANOVA, V. I.**
Investigation of a hydrogen plasma with "hot" electrons. 21 p3666 A67-38368
- ROZE, E. N.**
Structure of the geomagnetic field /O strukture magnitnogo polya zemli/. 23 p3994 A67-40715
- ROZEN, A. A.**
Structure of molybdenum and tungsten films obtained by thermal decomposition of carbonyls in vacuum /Struktura plenok molybdena i vol'frama, poluchennykh termicheskimi razlozheniem karbonilov v vakuume/. 17 p2921 A67-32892
- ROZENBERG, A. D.**
Backscattering of centimeter waves from a ruffled sea surface at small angles of slip /Obratnoye rasselaniye santimetrovyykh radiovoln v zvolnovannoy poverkhnosti moria pri malykh ugklakh skol'zheniya/. 05 p0761 A67-16345
Influence of the state of the sea surface upon the spatial characteristics of scattered radio signals. 08 p1294 A67-20819
Acoustic and radio-wave backscattering with irregular ripples /Obratnoye rasselaniye zvukovykh i radiovoln neregularnoy rlab'yu/. 19 p3185 A67-36018
- ROZENBERG, G. V.**
Photometric analysis of twilight-halo photographs obtained from the spacecraft Vostok 6 /Fotometricheskii analiz snimkov oreola zari, poluchennykh s kosmicheskogo korablia "Vostok-6"/. 03 p0415 A67-14227
Certain results of twilight atmospheric sounding and of a study of its possibilities. 11 p1785 A67-23957
Photometric analysis of photographs of the twilight aureole obtained from the space ship "Vostok-6." 12 p1932 A67-25483
Determination of the altitude variation of the scattering coefficient from photographs of the earth's day horizon obtained from the spaceship "Voskhod." 20 p3432 A67-37238
- ROZENBLIUM, E. A.**
Electromagnetic beam propagation in gyrotropic media. 02 p0192 A67-11641
- ROZENSHTOK, I. U.**
An inertia criterion for coupled heat and mass transfer processes. 14 p2406 A67-28313
Application of boundary layer theory to the solution of problems with coupled heat and mass transfer. 16 p2594 A67-31202
Temperature fields of bodies under conditions of variation of the temperature of the external medium and of the heat-transfer coefficients with time /O temperaturnom pole tel v usloviyakh izmeneniya temperatury vneshnei sredy i koeffitsienta teplootdachi so vremenem/. 17 p2972 A67-33073
Dynamic characteristics of a steady-state linear system of temperature measurement and its reaction to a steady-state random input /Dinamicheskie kharakteristiki statsionarnoi lineinoy sistemy izmereniya temperatury i ee reaktivnaya na statsionarnoe sluchainoe vozdeystvie/. 17 p2973 A67-33074
- ROZENTAL, A. L.**
Some generalizations of a boundary-value problem with a skew derivative /Nekotorye obobshcheniya kraevoy zadachi s naklonnoy proizvodnoy/. 17 p2878 A67-32737
- ROZENTAL, I. L.**
The energy balance of cosmic rays. 01 p0145 A67-11276
Investigation of high-energy muons by means of a complex installation /Issledovanie mionov vysokikh energii s pomoshch'yu kompleksnoi ustanovki/. 02 p0317 A67-12770
Investigation of the energy spectrum of cosmic muons by means of electron-photon showers /Issledovanie energeticheskogo spektra kosmicheskikh mionov posredstvom elektronno-fotonnykh linyei/. 02 p0317 A67-12772
Slow-particle emission in extensive air showers /Izluichenie v shirokikh atmosferynykh livnyakh, obuslovlennoe medlennymi chastitsami/. 02 p0318 A67-12782
Where does the energy of the electronic component in cosmic rays escape/ques/ /Kuda ukhodit energiya elektronnoi komponenty kosmicheskikh luchei/ques/. 05 p0878 A67-16095
Subcosmic electrons. 12 p1994 A67-25645
Investigation of high-energy muons by means of a complex installation. 22 p3877 A67-40272
Investigation of the energy spectrum of cosmic ray muons by means of electron-photon showers. 22 p3877 A67-40274
Radiation due to slow particles in extensive air showers. 22 p3878 A67-40284
What becomes of the energy of the electron component of cosmic radiation/ques/. 24 p4213 A67-42771
Study of asymmetrical showers /K voprosu ob asimmetrichnykh livnyakh/. 24 p4218 A67-42838
- ROZENVASSER, E. N.**
Stability criterion of nonlinear discrete systems /Kriterii ustoychivosti nelineynykh diskretnykh sistem/. 06 p0978 A67-18793
Stability criteria of nonlinear discrete systems. 18 p3018 A67-34458
- ROZHANSKII, V. N.**
Investigation of the dislocation structure of silicon deformed during the easy slip stage. 23 p4042 A67-41296
- ROZHDESTVENSKII, I. U.**
Use of the regularization method in solving the Wiener-Hopf integral equation from experimental data /Vikorishtaniya metody regularizatsii dlya rozv'laznaniya integral'nogo ravnaniya Vinera-Khopfa za danimi eksperimentu/. 03 p0374 A67-13083
- ROZHDESTVENSKII, V. V.**
Generation-recombination noise in p-type InSb /Generatsionno-rekombinatsionnyi shum v p-In-Sb/. 15 p2541 A67-30235
Effect of turbulence on the accuracy of microwave cutoff measurements of plasma density. 22 p3845 A67-39430
- ROZHKOV, A. M.**
Application of a variable-field Thomson mass spectrograph to the time resolution of spectra /Ispol'zovanie peremennogo elektricheskogo polya v masspektrografe Tomsona dlya razresheniya spektrov vo vremeni/. 15 p2526 A67-29258
- ROZHKOV, V. V.**
Microwave noise of a plasma situated in a constant electric field /O mikrovolnovom shume plazmy, nakhodiasheysya v postoiannom elektricheskoi pole/. 09 p1547 A67-22318
- ROZHKOVSKII, D. A.**
Photometry of comets by means of patrol photographs taken in 1963-1964 /Fotometriya komet po patrol'nym snimkam 1963-1964 gg./. 05 p0888 A67-16200
Comet service at the Astrophysical Institute of the Academy of Sciences of the Kazakh SSR /Sluzhba komet v Astrofizicheskoi Instituta an Kaz SSR/. 05 p0890 A67-16333
- ROZHNOVA, I. P.**
Photoelectric method of recording the scintillation of stellar images and certain results of observations carried out /Fotoelektricheskii metod registratsii drozhanii izobrazhenii zvezd i nekotorye rezul'taty provedennykh nabludenii/. 02 p0326 A67-11991
- ROZIN, L. A.**
Mathematical study of algorithms for calculating shells from rod schemes /Algoritmy rascheta obolochek po sterzhnevym skhemam i ikh matematicheskoe issledovanie/. 12 p2026 A67-25617
Numerical realization of the partitioning method in the case of the bending of a plate /O chislennoi realizatsii metoda raschleneniya na primere izgiba plastinki/. 15 p2576 A67-30180
- ROZOV, S. I.**
Current-density distribution in the homopolar. 08 p1358 A67-20850
Study of the plasma azimuthal inhomogeneity in a homopolar system /Issledovanie azimutal'noi neodnorodnosti plazmy v gomopolarnike/. 15 p2529 A67-29723
Investigation of the supersonic unsteady flow past a model arising at the interface between gases with different densities /Issledovanie sverkhzvukovogo nestatsionarnogo otekanija modeli, voznikalushchego na granitse razdela gazov s raznoy plotnost'yu/. 16 p2593 A67-31133
- ROZOV, V. M.**
Some trends in the development of short-wave radio communications /O nekotorykh napravleniyakh razvitiya korotkovolnovoi radiosvyazi/. 14 p2273 A67-28861
- ROZOVSKII, M. I.**
Relaxation function of elasto-hereditary materials in the presence of simple flow /O funktsii relaksatsii uprugonasledstvennykh materialov pri naliechi prostogo techeniya/. 06 p1107 A67-18637
Vibrations of an oscillator with residual creep. 11 p1876 A67-24682
Determination of stresses in an elastic plate with remanent elasticity and cylindrical anisotropy /Raspredelenie napriazhenii v kol'tseobraznoi uprugonasledstvennoi plastinke s tsilindricheskoi anizotropiei/. 21 p3723 A67-38555
Mechanics of elastohereditary media /Mekhanika uprugonasledstvennykh sred/. 23 p4077 A67-40750
- ROZSA, M.**
Stability analysis of a circular plate submitted to two compressive forces acting along a diameter. 19 p3342 A67-35718
- RTISHCHEVA, N. P.**
Composition and thermodynamic properties of the combustion products from methane burned with ionizing admixtures /Sostav i termodinamicheskie svoystva produktov sgoraniya metana s ioniziruyushchimi dobavkami/. 01 p0139 A67-10046
Composition and thermodynamic properties of combustion products of methane with ionizing additions. 17 p2927 A67-33324
- RUBAN, V. A.**
Magnetic properties of a relativistic plasma /Magnitnye svoystva relativistskoi plazmy/. 20 p3502 A67-37557

- RUBANOV, A. S.**
Energy balance of the radiation noise in lasers. 08 p1337 A67-20839
- RUBANOVICH, I. M.**
Theoretical study of the effect of pointing accuracy of a paraboloidal solar concentrator on the performance of a solar energy converter /Teoreticheskoe issledovanie villanila tochnosti navedeniia paraboloidnogo konsentratora na solntse na rabotu gelioustanovki/. 09 p1451 A67-22532
- RUBBERT, P. E.**
Solution of the transonic airfoil problem through parametric differentiation. [AIAA PAPER 66-90] 08 p1276 A67-20583
Solution of nonlinear flow problems through parametric differentiation. 15 p2469 A67-29221
- RUBENFELD, L. A.**
Extremum principles for slow viscous flows with applications to suspensions. 24 p4144 A67-42567
- RUBENSTEIN, M.**
Reflectance of GaAs, GaP, and the GaAs sub 1 - sub x P sub x alloys. 03 p0501 A67-14355
- RUBEY, R.**
Software tools for certifying operational flight programs. 15 p2440 A67-29604
- RUBIN, A. B.**
Simulation of energy-exchange processes in ecological systems /Modelirovanie protsessov energoobmena v ekologicheskikh sistemakh/. 02 p0188 A67-12327
Some theoretical aspects of the construction of artificial ecological systems /Nekotorye teoreticheskie voprosy postroeniia iskusstvennykh ekologicheskikh sistem/. 16 p2618 A67-30777
- RUBIN, A. I.**
A general-purpose analog translational trajectory program for orbiting and reentry vehicles. 19 p3190 A67-36070
- RUBIN, L.**
Far-Infrared laser power measurements. 11 p1801 A67-24715
- RUBIN, P. L.**
Ionization rate in an electrical discharge used for an argon ion laser /O skorosti ionizatsii v elektricheskoi razlade, primeniamom dlia argonovogo ionnogo OKG/. 18 p3061 A67-34044
- RUBIN, R. T.**
Adrenal cortical activity in pathological emotional states - A review. 06 p0952 A67-17848
- RUBIN, S.**
Mechanical immittance and transmission-matrix concepts. 19 p3261 A67-34960
Mechanical impedance approach to engine vibration transmission into an aircraft fuselage. [SAE PAPER 670873] 24 p4248 A67-42010
- RUBIN, S. G.**
Compressible turbulent boundary-layer equations. 21 p3614 A67-38894
- RUBIN, S. N.**
A wide-band UHF logarithmic amplifier. 06 p0967 A67-17811
- RUBIN, U.**
On the volumetric loading factor in solid propellant, side burning grains. 11 p1851 A67-24227
- RUBIN, W. L.**
Some results concerning radar waveform design for detecting targets in clutter. 03 p0369 A67-13680
Theoretical performance of wide-band interferometers. 08 p1300 A67-20680
Radar-waveform design for detecting targets in clutter. 15 p2438 A67-30135
- RUBINOV, A. N.**
Dependence of the generation threshold on the vibrational structure of electronic levels. 19 p3309 A67-36105
- RUBINOV, V. M.**
Nature of anomalously high photovoltage effect in semiconducting films. 04 p0685 A67-15758
APS effect in monochromatic light /AFN-effekt v monokhromaticheskoi svete/. 17 p2921 A67-32970
- RUBINS, P. M.**
Experimental and analytical study of the hydrogen-air reaction kinetics using a standing-wave normal shock. [AIAA PAPER 67-479] 18 p3157 A67-33948
- RUBINSHTEIN, B. E.**
Biquadratic indirect exchange in yttrium garnet. 23 p4043 A67-41302
- RUBINSHTEIN, G. SH.**
Extremal states and extremal controls /Ekstremal'nye sostoiianiia i ekstremal'nye upravleniia/. 14 p2343 A67-28632
- RUBINSTEIN, M. F.**
Matrix computer analysis of structures. 06 p1105 A67-18520
- RUBIO, J. E.**
A fixed-point method for a minimum-norm control problem. 04 p0594 A67-15878
- RUBLEV, I. A.**
Ultrasonic apparatus to record automatically the inception and growth of fatigue cracks. 03 p0420 A67-13567
- RUBTSOV, N. A.**
Unsteady-state radiative heat transfer between two opaque bodies of finite dimensions. 16 p2779 A67-31208
Certain generalizations in the theory of one-dimensional radiative heat transfer /Nekotorye obobshcheniia v teorii odnomernogo perenosa tepla izlucheniem/. 24 p4252 A67-41934
Unstable radiant interaction /K nestatsionarnomu luchistomu vzaimodelstvu/. 24 p4254 A67-42257
- RUBTSOV, V. I.**
Preliminary data on the number of electrons and gamma rays in greater than or equal to 3 Bev primary cosmic radiation. 02 p0310 A67-12584
Measurements of electron intensity in primary cosmic rays /Izmereniia intensivnosti elektronov v pervichnykh kosmicheskikh luchakh/. 05 p0878 A67-18097
Electron energy spectrum in a galactic cosmic-ray flux /Energeticheskii spektr elektronov v potoke galakticheskikh kosmicheskikh luchel/. 23 p4054 A67-41095
Measurements of the electron flux in primary cosmic rays. 24 p4213 A67-42773
- RUCCIA, F. E.**
Thermal performance of tank applied multilayer insulations. 13 p2228 A67-27653
The surface emittance of vacuum-metallized polyester film. 13 p2228 A67-27660
- RUCH, J. G.**
Measurement of the velocity-field characteristic of gallium arsenide. 09 p1551 A67-21573
- RUCINSKI, S.**
Dependence of polarization on color for graphite crystals /Zaleznosc polaryzacji od barwy dla krysztalow grafitu/. 04 p0699 A67-14982
- RUCKDESCHEL, H.**
A test assembly for determining the group delay time in the millimeter-wave /Ein Messaufbau zur Bestimmung der Gruppenlaufzeit im Millimeterwellenbereich/. 19 p3193 A67-35032
- RUCKENSTEIN, E.**
Film boiling on a horizontal surface. 18 p3160 A67-34162
- RUCKLE, D. L.**
Progress in the development of high strength titanium alloys. [SAE PAPER 670335] 17 p2874 A67-32985
- RUCKMAN, C.**
Micro-yield stress determinations of cast and extruded beryllium. 13 p2138 A67-27119
- RUCZ, A.**
An electrical thrust meter /Ciagomierz elektryczny/. 22 p3797 A67-39536
- RUD, I. U. V.**
Study of the electrical properties of InAs and a super II B super IV C super V sub 2-compound-based solid solutions /Doslidzhennia elektrichnykh vlastivostei tverdikh rozchinniv na osnovi InAs i spoluk a super II B super IV C super V sub 2/. 16 p2732 A67-31480
- RUD, V. V.**
Tunnel-diode autodyne frequency converter /Avtodinnyi preobrazovatel' chastoty na tunnel'nom diode/. 09 p1472 A67-21957
Tunnel-diode autodyne frequency converter. 20 p3400 A67-37187
Graphical method of plotting the frequency characteristics of oscillating circuits containing nonlinear active elements /Graficheskii metod postroeniia chastotnykh kharakteristik kolebatel'nykh konturov, soderzhashchikh nelineinnye aktivnye elementy/. 24 p4136 A67-42191
- RUDAKOV, L. I.**
Dynamics of quasi-linear relaxation of a noncollision plasma /Dinamika kvazilineinnoi relaksatsii besstolknovitel'noi plazmy/. 05 p0852 A67-16696
- Quasilinear relaxations dynamics of a collisionless plasma. 15 p2530 A67-29867
Dynamics of quasilinear relaxation in an unstable inhomogeneous plasma. 23 p4032 A67-40911
- RUDAKOV, V. A.**
Once more on the possibility of determining local electron concentration by the dispersion method using artificial earth satellites and new ionization maxima in the ionosphere. 12 p1932 A67-25539
Characteristics of neutral and ionized components of the atmosphere at heights of 100-500 km measured during the flights of geophysical rockets. 19 p3218 A67-35215
- RUDASHEVSKII, E. G.**
Interaction between electromagnetic, plasma, and spin waves in antiferromagnetic semiconductors and metals. 09 p1555 A67-22073
- RUDD, H.**
The design and fabrication of a thin film hybrid subaudio active filter. 18 p3015 A67-34559
- RUDDER, C. L.**
Polarization filtering in holography. 15 p2488 A67-29818
- RUDDUCK, R. C.**
Mutual coupling between TEM and TE sub 01 parallel-plate waveguide apertures. 02 p0211 A67-11596
The admittance of a rectangular waveguide radiating into a dielectric slab. 23 p3979 A67-40829
On higher-order diffraction concepts applied to a conducting strip. 23 p3979 A67-40831
- RUDENKO, A. L.**
Effect of an a priori known relation between the appearances of two signals on their detection characteristics /Vlianie apriorno izvestnoi zavislosti mezhdu polavleniiami dvukh signalov na kharakteristiki ikh obnaruzheniia/. 07 p1143 A67-19593
Effect of the a priori known relationship between the occurrence of two signals on their detection characteristic. 20 p3384 A67-37332
- RUDENKO, V. K.**
Theory of a parametric light generator /K teorii parametricheskogo generatora sveta/. 02 p0251 A67-11575
- RUDENKO, V. N.**
High temperature strength of materials /Prochnost' materialov pri vysokikh temperaturakh/. 07 p1208 A67-19299
Cermet polishing by diamond wheels /Shlifovanie kermetov almaznymi krugami/. 24 p4159 A67-41963
- RUDER, J.**
The two-gas spacecraft cabin atmosphere engineering considerations. 16 p2617 A67-30776
- RUDIJSKAIA, I. G.**
Transmittance by illuminated silicon in the long-wave infrared part of the spectrum /Propuskanie prosvetlennogo kremniia v dlinnovolnovoi infrakrasnoi oblasti spektra/. 03 p0488 A67-12891
Transmittance of antireflection-coated silicon in the far infrared. 06 p1054 A67-18769
- RUDIN, V. I. U.**
Field statistics of a linear antenna array in the presence of periodically correlated phase errors /Statistika polia lineinnoi antennoi reshetki pri periodicheskii korrelirovannykh fazovykh oshibkakh/. 11 p1757 A67-23912
Theory of the symmetrical traveling-wave antenna /K teorii simmetrichnoi antennoi begushchei volny/. 18 p3011 A67-34178
Statistics of a linear antenna array field when periodically correlated phase errors are present. 21 p3600 A67-38940
- RUDIN, V. L.**
Application of the optical-acoustic method for measuring the absorption of electromagnetic energy in gases in the centimeter-range waves /O primeneni optiko-akusticheskogo metoda dlia izmereniia pogloshcheniia elektromagnitnoi energii v gazakh v oblasti santimetrovykh voln/. 03 p0418 A67-12895
An opticoacoustical method for measuring the absorption of electromagnetic energy by gases in the centimeter range. 06 p1006 A67-18772
- RUDIS, M. A.**
Limiting equilibrium of a two-layer

cylindrical shell with temperature effects taken into account /O predel'nom ravnovesii dvukhsloinnoi tsilindricheskoii obolochki s uchetom temperaturnykh effektiv/. 05 p0912 A67-16180

RUDKO, R. I.
Relative intensities of the 5s super 2 P sub 3/2 goes to 4p super 2 D 5/2 and the 5s super 4 P sub 5/2 goes to 4p super 4 D sub 7/2 transitions in the Ar II laser. 07 p1195 A67-19560

RUDNEVA, N. M.
Quiet solar-diurnal magnetic variations in Alma-Ata in 1964, their day-to-day changeability, and the relation to the state of the ionosphere /Spokoinnye solnechno-sutochnyye magnitnyye variatsii v Alma-Ata v 1964 g., ikh izmenchivost' oto dnya ko dnyu i svyaz' s sostoyaniem ionosfery/. 05 p0802 A67-17147

Construction of the current systems of diurnal solar magnetic variations for especially quiet days by the method of graphical integration /Postroyeniye tokovykh sistem solnechno-sutochnykh magnitnykh variatsii dlia osobo spokoinnykh dnei metodom graficheskoi integratsii/. 14 p2309 A67-27939

Quiet solar-diurnal magnetic variations at Alma-Ata in 1964, their day-to-day variability and relation to the state of the ionosphere. 21 p3619 A67-38489

RUDNICK, P.
Racing the moon's shadow. 06 p1004 A67-18383

RUDNICKI, K.
28 photographs of comet Humason /1961e/. 02 p0326 A67-12066

RUDNITSKII, B. E.
Determining the optimal system with respect to the criterion of maximum probability of incidence. 20 p3410 A67-37226

RUDNITSKII, I. U. S.
Investigation of nonstationary thermoelastic stresses by the polarization-optical method /Issledovanie nestatsionarnykh termouprugikh napriazhenii polarizatsionno-opticheskimi metodami/. 08 p1423 A67-21334

RUDOMANOV, V. I.
Selection of an optimal thrust-weight ratio for the lifting engines of a VTOL aircraft /K voprosu o vybere optimal'noi tlagovoruzhennosti AVVP po pod'emnym dvigateliam/. 18 p3110 A67-33544

RUDOV, I. U. M.
Determination of the parameters of a supersonic gas stream impinging on an obstacle in the form of an inclined plane /Opredeleniye parametrov sverkhzvukovoi gazovoistruil, delstvuiushchei na naklonnuiu ploskulu pregradu/. 15 p2472 A67-29776

RUDOWSKA, T. T.
Ionized gas flow past a cylinder and a sphere. 19 p3170 A67-35449

RUDY, A. C., JR.
Patent law - NASA contracts - Commissioner's discretion. 05 p0929 A67-16771

RUDY, E.
Lower-temperature modifications of Nb sub 2 C and V sub 2 C. 16 p2691 A67-31598

Evidence for zeta Fe sub 2 N-type sublattice order in W sub 2 C at intermediate temperatures. 16 p2692 A67-31599

The constitution of binary molybdenum-carbon alloys. 20 p3470 A67-37389

RUE, A. K.
Confidence limits for the pointing error of gimbaled sensors. 04 p0620 A67-14872

RUECKER, F.
Mode conversion in oversized rectangular waveguides /Wellentypumwandlung im ueberdimensionierten Rechteckhohlleiter/. 19 p3183 A67-35545

RUECKLIN, R.
Contribution to the theory of an ideal correlator /Ein Beitrag zur Theorie des idealen Korrelators/. 16 p2653 A67-31718

RUEGG, F. W.
An examination of the effects of heat transfer and compressible flow on the performance of laminar flowmeters. 03 p0404 A67-13778

RUEGG, H.
Measurement of the drift velocity of holes in silicon at high-field strengths. 10 p1690 A67-23168

RUEGG, H. W.
An optimized avalanche

photodiode. 15 p2453 A67-30015

RUEHL, W.
Influence of electron density on the transition temperature of superconductivity /Zum Einfluss der Elektronendichte auf die Uebergangstemperatur der Supraleitung/. 02 p0291 A67-11742

Variation of the transition temperature of various superconductors by electron extraction /Zur Aenderung der Uebergangstemperatur verschiedener Supraleiter durch Elektronenentzug/. 03 p0494 A67-13508

RUEPKE, H.-D.
Properties and design of magnetically tunable microwave filters using magnetodynamic modes in ferrites. 23 p3980 A67-41186

RUESTER, R.
Solution of the equations of motion and of the equation of continuity of the F-layer with special applications to ground-magnetic ray disturbances /Loesung von Bewegungsgleichungen und Kontinuitaetsgleichung der F-Schicht mit speziellen Anwendungen auf erdmagnetische Balstroerungen/. 23 p3996 A67-41178

RUETENIK, J. R.
Study of blast-bow wave interactions in a shock tube and shock tunnel. 19 p3206 A67-34812

RUFEEH, F.
The output characteristics of an electroetched rhodium surface. 09 p1447 A67-22332

Thermionic converter performance in presence of inert gases. 09 p1448 A67-22339

The volt-ampere characteristics of a grooved-collector thermionic diode. 09 p1448 A67-22340

RUFF, B.
High-intensity reciprocity failure in Kodak 649-F plates at 6943 angstrom units. 09 p1496 A67-21711

Pulsed laser holography. 10 p1657 A67-23625

RUFF, S.
Effect of time differences on the human organism in modern subsonic and supersonic aircraft /Ueber die Folgen der Zeitverschiebung auf den menschlichen Organismus bei heutigen Flugzeugen und Ueberschallflugzeugen/. 02 p0185 A67-12428

Theory of decompression sickness and its application to diving tables /Theorie der Druckfallbeschwerden und ihre Anwendung auf Tauchtabellen/. 11 p1748 A67-25036

Theoretical investigation concerning the formation of gas emboli and gas bubbles in tissue /Theoretische Untersuchungen zur Entstehung von Gasembolien und Gasblasen im Gewebe/. 13 p2059 A67-26849

RUFFINE, R. S.
On the time averaged radar cross section of the moon. 21 p3703 A67-38189

RUFFING, C. R.
Resins and reinforced plastic laminates for continuous use at 650 deg F. 22 p3825 A67-39853

RUGER, C. J.
Approximate analytic solutions for nonsimilar boundary layers. 12 p1929 A67-25907

A note on the mixing of two parallel subsonic streams. 23 p3991 A67-41667

RUGET, E.
Various aspects of the design and realization of the structure of the FR sub 1 satellite /Les differents aspects de la conception et de la realisation de la structure du satellite FR sub 1/. 03 p0518 A67-13601

RUGG, D. E.
Theoretical investigation of the diurnal phase and amplitude variations of VLF signals. 16 p2631 A67-31852

RUGGE, H. R.
Solar x-ray spectrum below 25 angstrom units. 19 p3318 A67-35198

RUGGLES, R. L., JR.
Second breakdown and crystallographic defects in transistors. 07 p1156 A67-19896

RUGHEIMER, N. M.
Microwave transmission and reflection-coefficient ratios of thin superconducting films. 10 p1688 A67-22764

RUH, R.
Nonstoichiometry of ZrO sub 2 and its

relation to tetragonal-cubic inversion in ZrO sub 2. 16 p2694 A67-31597

RUHS, N.
Reduction of the dimensions of induction converters by skin heating. 09 p1442 A67-21794

RUIZ, J. S.
Semiconducting properties of lanthanum chromite /Sur les proprietes semiconductrices du chromite de lanthane/. 15 p2535 A67-29478

RUKHADZE, A. A.
Excitation of electromagnetic oscillations in a plasma beam bounded by plane conducting walls /O vzbuzhdenii elektromagnitnykh kolebanii v plazmennom puchke, ogranichenom ploskimi provodnyashchimi stenkami/. 01 p0122 A67-10349

Stability of a spatially inhomogeneous current-carrying plasma /Ustoychivost' prostranstvenno neodnorodnoi plazmy s tokom/. 04 p0671 A67-15841

Effect of Coulomb collisions on drift instability of plasma. 05 p0860 A67-17546

Drift-cyclotron oscillations of a collision plasma propagating across a magnetic field. 10 p1686 A67-23595

Excitation of electromagnetic oscillations in a plasma beam bounded by plane conducting walls. 11 p1844 A67-25022

Excitation of electromagnetic waves in the plasma of a solid body in the case of a negative volt-ampere characteristic /Vzbuzhdeniye elektromagnitnykh voln v plazme tverdogo tela pri natschii otritsatel'noi vol'tampernoii kharakteristiki/. 15 p2537 A67-29702

Acceleration of electrons in a plasma placed in a strong electric field /Ob uskorenii elektronov v plazme, pomeshchennoi v sil'noe elektricheskoe pole/. 17 p2905 A67-32924

Contribution to the theory of hydrodynamic instability of inhomogeneous plasma streams /K teorii gidrodinamicheskoi ustoychivosti neodnorodnykh plazmennyykh potokov/. 17 p2905 A67-32925

Excitation of electromagnetic waves in a solid-state plasma in the presence of a negative current-voltage characteristic. 24 p4199 A67-41772

RUKHOVETS, A. N.
On a class of dual integral equations and their applications to the theory of elasticity. 11 p1812 A67-24151

RUKMAN, G. I.
Gabor restoration of a wave front by means of a laser /Gaborovskoe vosstanovleniye volnovogo fronta s pomoshch'yu lazera/. 09 p1511 A67-21919

A possible experimental verification of the relativistic slowing down of a "traveling clock" by using quantum frequency and time standards. 14 p2348 A67-27866

RULAND, W. C.
Monte Carlo performance analysis of lunar rendezvous guidance. 22 p3832 A67-39965

RULER, W.
Strain gauge testing. 21 p3626 A67-38100

RULF, B.
Diffraction by a halfplane in a uniaxial medium. 11 p1753 A67-24315

An asymptotic field calculation in the penumbra region. 23 p3973 A67-40836

RUMBARGER, J. H.
Lubrication review - A digest of the literature for 1965. [ASME PAPER 66-WA/LUB-8] 04 p0629 A67-15349

Dynamic capacity of oscillating rolling element bearings. [ASME PAPER 67-LUB-22] 24 p4163 A67-42860

RUMIANTSEV, A. P.
Ultrasonic inspection for macrodefects and local structural irregularities in turbine blades. 06 p1007 A67-18103

RUMIANTSEV, N. I.
Experimental automatic plotting of a cloud map on a Setun' computer from meteorological satellite data /Opyt avtomaticheskogo sostavleniya kart oblachnosti na elektronno-vychislitel'noi mashine "Setun'" po dannym meteorologicheskikh sputnikov/. 04 p0652 A67-15471

RUMIANTSEV, V. V.
Stability of steady-state motions /Ob ustoychivosti statsionarnykh dvizhenii/. 02 p0267 A67-11959

- Steady motions and their stability /O
statsionarnykh dvizheniyakh i ikh
ustoiichivost'/. 06 p1031 A67-17838
- On the theory of motion of rigid bodies
with fluid-filled cavities. 07 p1224 A67-20029
- Stability of the steady motions of a
satellite with a rotor and a cavity containing
liquid /Ob ustoiichivost' statsionarnykh
dvizheniy s rotorom i polos'tiu,
soderzhashchei zhidkost'/. 13 p2213 A67-27319
- Stationary motion and its
stability. 17 p2886 A67-33216
- On the stability of steady
motions. 17 p2886 A67-33276
- On stability of stationary motions of the
gyrostat-satellite. 24 p4241 A67-42400
- RUMIN, N.
Emitter sidewall junction capacitance in
double-diffused
transistors. 03 p0382 A67-13679
- RUMMEL, R. T.
Apron fueling systems. 22 p3779 A67-39380
- RUMMEL, W. D.
Development and use of an eddy current
conductivity technique for monitor of heat
effects in 2014 aluminum alloy
weldments. 05 p0813 A67-17260
- RUMMLER, W. D.
Clutter suppression by complex weighting
of coherent pulse trains. 04 p0570 A67-14878
- RUMPF, N. K.
An analysis of transient temperatures in
gamma heated materials. 06 p1116 A67-18363
- An analysis of transient temperatures in
gamma-heated materials. 21 p3730 A67-37793
- RUMPZA, W. R.
Investigation to develop optimum short-
term screen tests for integrated
circuits. 18 p3018 A67-34649
- RUMRILL, E.
C-5A hydraulic system
design. 09 p1444 A67-22130
- RUMSEY, V. H.
Horn antennas with uniform power
patterns around their
axes. 02 p0213 A67-11616
- RUMYNSKII, A. N.
Development of a boundary layer in a gas
flow with a stagnation enthalpy distributed
along the streamlines /Razvitiye
pogranichnogo sloia v potoke gaza s
raspredelennoi po liniyam toka ental'piei
tormozheniia/. 03 p0400 A67-12867
- RUNCORN, S. K.
Convection in the moon and the existence
of a lunar core. 08 p1389 A67-21013
- On the rotation of
Jupiter. 21 p3710 A67-39002
- Change in the moment of inertia of the
earth as a result of a growing
core. 24 p4151 A67-42319
- RUNDLE, H. N.
Optical upper atmospheric investigations
at the University of
Saskatchewan. 23 p3996 A67-41256
- RUNGALDIER, H.
Structure of the shock layer on cylinders
in rarefied gas flow. 14 p2299 A67-28173
- RUNGALDIER, W.
Time optimal flight trajectories in the
pursuit problem. 21 p3712 A67-39151
- RUNOV, A. D.
The thermionic emission of some yttrium
and gadolinium borides. 15 p2534 A67-29358
- RUNYAN, E. J.
"Gate arrival" terminal - Kansas City MCI
airport. 22 p3779 A67-39375
- RUNYAN, W. R.
An experimental study of drift-field
silicon solar cells. 10 p1596 A67-23161
- Influence of mobility and lifetime
variations on drift-field effects in silicon-
junction devices. 10 p1612 A67-23374
- RUPF, K.
Intrinsic noise temperature of the
reflection maser. 06 p1010 A67-17892
- Internal noise temperature of a reflection
maser /Die innere Rauschtemperatur des
Reflexionsmasers/. 10 p1665 A67-23505
- RUPP, W. M.
Amplitude-dependence of frequency
doubling by means of a quadratic-type
varactor diode /Die Amplitudenabhaengigkeit
der Frequenzverdopplung mit einer
kapazitaetsdiode von quadratischem
typ/. 01 p0039 A67-10856
- RUPPE, H. O.
Introduction to Astronautics. Volume
1. 21 p3703 A67-38434
- RUPPERT, E.
State of development of a colloidal ion
thruster system /Stand der Entwicklung
eines Kolloidionen-antriebsystems/.
04 p0688 A67-14560
- Development problems and results of a
colloid-ion propulsion system
/Entwicklungsprobleme und -Ergebnisse
eines Kolloidionen-Antriebsystems/.
20 p3515 A67-36407
- RUPPRECHT, H.
Efficient electroluminescence from GaAs
diodes at 300 deg K. 01 p0131 A67-10368
- Optical and electrical properties of
epitaxial and diffused GaAs injection
lasers. 08 p1338 A67-21289
- New aspects of solution regrowth in the
device technology of gallium
arsenide. 10 p1665 A67-23518
- RURAINSKI, H. J.
Long-wave absorption and emission bands
in chloroplast fragments. 07 p1134 A67-19847
- RUSANOV, V. D.
Electrical noises of the plasma of a
steady-state HF-discharge in a magnetic field
/Elektricheskie shumy plazmy statsionarnogo
VC-h-razrada v magnitnom
pole/. 04 p0671 A67-15640
- The influence of plasma density on the
results of spectroscopic electron
temperature
determination. 07 p1228 A67-19514
- Interference filters for the study of
plasmas in the millimeter and submillimeter
regions. 09 p1545 A67-22000
- Diffusion of a collisionless potassium
plasma across a magnetic field during drift
instability /Diffuziya besstolknovitel'noi
kalievoy plazmy poperek magnitnogo polia
pri dreiffovoi
neustoiichivost'/. 14 p2363 A67-29067
- RUSBRIDGE, M. G.
Comparison of microwave transmission and
Langmuir probe methods of measuring
plasma density. 12 p1939 A67-25256
- RUSBUELDT, D.
Faraday rotation measurement of trapped
magnetic fields in a thetapinch
plasma. 05 p0859 A67-17447
- RUSCH, W. V. T.
Radiation through an inhomogeneous,
magnetized plasma
sheath. 11 p1753 A67-24306
- Observations of the lunar eclipse of
December 19, 1964, at a wavelength of 3.3
mm. [JPL-TR-32-1097] 12 p2011 A67-26245
- Scattering by an infinite cylinder coated
with an inhomogeneous and anisotropic
plasma sheath. 16 p2626 A67-31350
- Improved determination of atmospheric
opacity from radio astronomy measurements.
[JPL-TR-32-1115] 23 p4062 A67-40733
- RUSCIO, J. T.
Phase and amplitude measurements of
coherent optical
wavefronts. 04 p0632 A67-15076
- Phase and amplitude measurements of
coherent optical
wavefronts. 13 p2129 A67-27494
- Measurement of the
control characteristics of piezoelectric
transducers. 15 p2502 A67-30426
- RUSCOE, Y.
The Faraday effect in cylindrical
waveguides. 14 p2270 A67-28522
- RUSCONI, F. G.
An essay on the lawful concept of
heavenly bodies. 12 p2042 A67-26138
- The legal status of heavenly
bodies. 12 p2042 A67-26139
- RUSERT, E. L.
Effects of spacecraft sterilization
procedures and Mars dust environment on
thermal control coatings. 15 p2503 A67-29541
- High temperature emittance of coated
refractory metal. 15 p2503 A67-29546
- RUSEV, R.
Relation between the oblateness, the mass,
and the number of satellites of the planets
of the solar system /Zavisimost mezhdu
splesnatost'ia, masata i broia na sp'itnitsite na
planetite ot sl'nchevata
sistema/. 13 p2198 A67-26765
- RUSH, B. C.
A nonlinear programming model for
launch vehicle design and
costing. 12 p2013 A67-26193
- RUSH, D. G.
Vibrational disequilibrium in chemical
reactions. 18 p2996 A67-33780
- RUSHTON, G.
A shock tunnel investigation of the effects
of nose bluntness, angle of attack and
boundary layer cooling on boundary layer
transition at a Mach number of 5.5 super
plus. [AIAA PAPER 66-495] 02 p0177 A67-11514
- RUSHTON, G. H.
Shock tunnel investigation of boundary-
layer transition at M equals 5.5.
[AIAA PAPER 66-495] 12 p1893 A67-25903
- RUSHWORTH, P. M.
Application of nuclear radiation to the
pumping of lasers. 05 p0814 A67-16547
- RUSIN, S. P.
Setup for determining radiative capacity
of materials at high temperature /Ustanovka
dla opredeleniia izluchatel'noi sposobnosti
materialov pri vysokikh
temperaturakh/. 09 p1497 A67-21877
- RUSK, J. H., JR.
Space vehicle versus ground systems
reliability. [SAE PAPER 660691] 04 p0740 A67-15790
- RUSKINA, G. IA.
Dynamic characteristics of secondary
particles in pp-interactions at energies of 20
Gev /Dinamicheskie kharakteristiki
vtorichnykh chastits iz pp-vzaimodelstviia pri
energii 20 Gev/. 24 p4193 A67-42854
- RUSKOL, E. L.
The tidal history and origin of the earth-
moon system. 09 p1563 A67-21634
- RUSLING, R. Y.
A cryogenic sensor signal
conditioner. 18 p3051 A67-34510
- RUSOV, G. I.
Ferromagnetic resonance in thin magnetic
films /Ferromagnitnyi rezonans v tonkikh
magnitnykh plenkach/. 12 p1981 A67-25241
- RUSS, E. J.
Lurain simulator for extended metabolic
studies. 23 p3966 A67-41597
- RUSSAK, S. L.
Experiments for a solar orbiting
spacecraft. 16 p2758 A67-30644
- RUSSELL-JONES, A.
On the mechanism of the decomposition of
ammonium perchlorate. 10 p1697 A67-23157
- The thermal decomposition and ignition of
mixtures of ammonium perchlorate plus
copper chromite. 18 p3108 A67-33813
- RUSSELL, C. R.
Elements of Energy
Conversion. 19 p3177 A67-35892
- RUSSELL, C. T.
Magnetic noise in the magnetosheath in
the frequency range 3-300
Hz. 23 p3995 A67-40804
- RUSSELL, D.
RF attenuation. 17 p2815 A67-32607
- RUSSELL, D. A.
Shock-wave strengthening by area
convergence. [JPL-TR-32-1067] 08 p1321 A67-20707
- RUSSELL, D. L.
Nonharmonic Fourier series in the control
theory of distributed parameter
systems. 17 p2877 A67-32561
- RUSSELL, D. W.
Total asymptotic stability by nonlinear
compensation. 13 p2086 A67-26415
- RUSSELL, J. M., III
An event recorder for obtaining missile
heat-shield ablation data. 23 p4006 A67-41377
- RUSSELL, K. J.
Electric propulsion system reliability.
[AIAA PAPER 67-701] 21 p3897 A67-38960
- RUSSELL, L.
Experimental studies of the Pegasus
thermal control louver system.
[AIAA PAPER 67-308] 12 p2036 A67-26023
- RUSSELL, L. D.
Analytical solution of the "known-heat-
load" space radiator
problem. 08 p1429 A67-21511
- RUSSELL, L. W.
Infrared emission during a simulated lunar
eclipse. [AIAA PAPER 67-290] 12 p2009 A67-26007
- RUSSELL, M. D.
System design of a Mars
probe/lander. 10 p1714 A67-23756
- RUSSELL, P. C.
Some X-ray photographs of the
sun. 12 p2007 A67-25762
- RUSSELL, R., JR.
Particle size dependence of the electrical
conductivity of NaCl. 12 p1987 A67-26191
- RUSSO, D.
Solar X-ray emission by the satellite 1965-
16D during the period from 8 April to 31
July 1965. 10 p1701 A67-23226

- Atmospheric density measured by the attenuation of the solar X-rays monitored on the NRL 1965-16-D satellite. 11 p1857 A67-24605
- Three solar X-ray events observed during the Quiet-Sun Year 1964. 12 p1999 A67-25836
- Solar X-ray flux measured by the 1964-01-D solar radiation satellite during the I.Q.S.Y. 17 p2938 A67-33185
- RUSSO, D. A.**
Calculation of output noise variances for discrete time-invariant filters. 21 p3601 A67-38949
- RUSSO, J.**
Lunar module hover and landing, separation and docking simulation. [AIAA PAPER 67-249] 07 p1165 A67-20067
- RUSOV, V. M.**
Some peculiarities in He-Ne laser performance in the pulsed regime /O nekotorykh osobennostyakh raboty He-Ne lazera v impul'snom rezhime/. 06 p1012 A67-18784
- Some features of pulsed operation of a He-Ne laser. 18 p3059 A67-33726
- RUSTAD, L. W.**
EME - The environmental experiment package for the applications technology satellites. 19 p3226 A67-34788
- RUSTAMOV, A. G.**
Electrical properties of the antiferromagnetic semiconductor MnTe /Elektricheskie svoystva antiferromagnitnogo poluprovodnika MnTe/. 12 p1982 A67-25326
- RUSTAY, R. C.**
Transient plane wave magnetic field attenuation through an infinite plate using a simplified Laplace transfer function. 16 p2626 A67-31349
- RUSTICHELLI, G.**
A variable-ratio frequency divider using micrologic elements. 17 p2827 A67-32798
- RUTBERG, F. G.**
Three-phase AC plasmotrons /Trekhfaznye plazmatrony peremennogo toka/. 09 p1446 A67-22326
- RUTHERFORD, J. A.**
The production of NO sub 2 super minus by electron transfer from O super minus, O sub 2 super minus, O sub 3 super minus, and OH super minus to NO sub 2. 20 p3377 A67-37404
- RUTHERFORD, J. L.**
Alumina bearings in gas-lubricated gyros. 10 p1673 A67-23747
- RUTHERFORD, P. H.**
Stabilization of drift waves by shear. 16 p2718 A67-31226
- RUTKEVICH, B. N.**
Investigation of plasmoid motion in a nonuniform transverse magnetic field /Issledovanie dvizheniya plazmennogo sgustka v neodnorodnom poperechnom magnitnom pole/. 02 p0278 A67-12623
- Interaction of cyclotron ion waves with high-frequency plasma oscillations /Vzaimodelstvie ionnykh tsiklotronnykh voln s vysokochastotnykh kolebaniyami plazmy/. 04 p0667 A67-15209
- Motion of a plasmoid in a nonuniform transverse magnetic field. 13 p2170 A67-27379
- Interaction of ion cyclotron waves with high-frequency plasma oscillations. 15 p2532 A67-30257
- A bounded plasma flux in a magnetic field. 20 p3497 A67-36682
- RUTKEVICH, I. M.**
The electric field in a magneto-hydrodynamic channel containing a moving medium with variable conductivity. 03 p0478 A67-13621
- RUTKOVSKAYA, L. D.**
Some methods of solutions of the problem of analytic design of controllers. 10 p1619 A67-23320
- RUTKOVSKII, V. IU.**
Synthesizing self-adjusting control systems with a standard model. 03 p0390 A67-13102
- Basic properties and some dynamics problems of adaptive model reference systems. 07 p1160 A67-19198
- RUTKOVSKII, V. M.**
Investigation of cosmic-ray variations by study of effects in stony meteorites. 02 p0310 A67-12581
- RUTKOWSKI, D.**
Measurement of the noise factor F of high-frequency transistors /Pomiar wspolczynnika F szumow tranzystorow wielkiej czestotliwosci/. 14 p2286 A67-28587

- RUTLEDGE, J. L.**
Surface parameters of stannic oxide in powder, ceramic and gel forms by nitrogen adsorption techniques. 10 p1603 A67-23398
- RUTLEDGE, R. B.**
A digital simulation of clutter rejection MTI radars. 20 p3388 A67-37651
- RUTMAN, R.**
Development and use of sensitivity models. 08 p1309 A67-20325
- RUTNER, E.**
Non-isothermal studies of chemical and physical reactions - Application to Knudsen cell vaporization. [AIAA PAPER 67-156] 06 p0956 A67-18321
- An absolute emissivity calorimeter for temperatures to 60 deg K. 13 p2122 A67-27661
- RUTNER, I. A. F.**
Green's functions for boundary value problems for the heat equation over regions with uniformly moving boundaries. 04 p0726 A67-15595
- RUTOVSKII, V. B.**
Gas-dynamic calculation of a diffusive combustion flame in a wake flow /Gazodinamicheskii raschet diffuzionnogo fakela sgoraniya v sputnom potoke/. 14 p2407 A67-28649
- RUTSCHER, A.**
Mechanism of a positive low-pressure column in the limiting case of low electron density. I /Zum Mechanismus der positiven Niederdrucksaeule im Grenzfall kleiner Elektronendichten. I/. 17 p2907 A67-33103
- Investigation of the periodic modulation of the constricted positive column from the diffused state /Untersuchung des zeitlichen aufbaues der kontrahierten positiven saeule aus dem diffusen zustand/. 19 p3274 A67-35101
- RUTTENBERG, S.**
Circum-global ghost balloon flights. 10 p1594 A67-23197
- RUTZ-PHILLIP, E. M.**
Power conversion in nonlinear resistive elements related to interference phenomena. 23 p3981 A67-41395
- RUVINSKII, M. A.**
Effect of excitons on ultrasound absorption in piezoelectric semiconductors /Vliyanie eksitonov na pogloshchenie ultrazvuka v piezoelektricheskikh poluprovodnikakh/. 04 p0678 A67-15134
- Influence of excitons on the absorption of ultrasound in piezoelectric semiconductors. 12 p1978 A67-25158
- RUZICKA, J.**
Equipment for measuring superconducting properties of superconductors for strong magnetic fields /Zarizeni pro mereni supravodivych vlastnosti supravodicy pro silna magneticka pole/. 06 p1005 A67-18722
- RUZICKA, J. E.**
Resonance characteristics of unidirectional viscous and Coulomb-damped vibration isolation systems. [ASME PAPER 67-VIBR-21] 11 p1796 A67-24180
- RUZICKOVA-TOPOLOVA, B.**
Variability of the integrated solar K line emission. 12 p2001 A67-25223
- RVACHEV, V. L.**
Torsional rigidity of rods of polygonal profile /Zhestkost' krucheniya sterzhnei poligonal'nogo profil'. 14 p2401 A67-28739
- RVACHOV, O. L.**
Correlation between the conductivity and microhardness of silicon /Korelyatsiya mizh providnistyu ta mikroverdistu kremniyu/. 02 p0300 A67-12477
- RYAN, J.**
Cohesive properties of lunar soils as indicated by Surveyor One. 23 p4064 A67-40949
- RYAN, J. D.**
New instrumentation techniques for the measurement of infrasonic and gravity waves. 16 p2877 A67-31430
- RYAN, J. R.**
Laser microprobe helps identify inclusions. 04 p0634 A67-15461
- RYAN, N. E.**
The formation, stability and influence of carbide dispersions in chromium. 01 p0100 A67-10766
- Influence of atmospheric nitrogen on the creep properties of chromium-tantalum alloys. 06 p1018 A67-18369
- RYAN, N. W.**
An approximate but complete model for

- the ignition response of solid propellants. 15 p2581 A67-29988
- RYAN, R. S.**
The influential aspects of atmospheric disturbances on space vehicle design using statistical approaches for analysis. [AIAA PAPER 67-134] 06 p1096 A67-18359
- Optimization problems caused by interaction of guidance and propellant systems. [AAS PAPER 66-117] 07 p1222 A67-19975
- A technique for analyzing control gains using frequency response methods. [AIAA PAPER 66-484] 08 p1413 A67-21509
- Optimization problems caused by interaction of guidance and propellant systems. [AAS PAPER 66-117] 13 p2155 A67-27532
- Use of wind shears in the design of aerospace vehicles. 24 p4242 A67-42918
- RYAN, W. D.**
Zero-transient switching of a subharmonic parametric oscillator. 20 p3395 A67-36314
- RYASIN, V. A.**
Optimal correction strategy for space vehicles. 22 p3878 A67-39186
- RYBACHEK, S. T.**
Propagation of long and ultralong radio waves in the waveguide channel formed by the earth and the ionosphere /Rasprostraneniye dlennykh i sverkhdlennykh radiovoln v volnovodnom kanale zemli-ionosfera/. 21 p3580 A67-38116
- RYBAKINA, O. G.**
Prospects of development of a strength criterion for complex loading /Perspektivy postroeniya kriteriya prochnosti pri slozhnom nagruzhenii/. 03 p0529 A67-14168
- RYBAKOV, A. A.**
The switching of a transistor circuit containing ferrite cores with a rectangular hysteresis loop /O pereklyuchenii tranzistornoi skhemy, soderzhashchei ferritovye serdetsniki s priamougol'noi petlei gisteriezya/. 20 p3399 A67-37114
- RYBAKOV, A. K.**
Preliminary results of an investigation of solid interplanetary matter in the vicinity of the moon /Predvaritel'nye rezul'taty issledovaniya tverdogo mezhplanetnogo veshchestva v okrestnosti luny/. 01 p0150 A67-10910
- Preliminary results of a study of solid interplanetary matter in the vicinity of the moon /Predvaritel'nye rezul'taty issledovaniya tverdogo mezhplanetnogo veshchestva v okrestnosti luny/. 05 p0887 A67-16058
- Measurements of meteoric dust by the Electron 2 satellite. 12 p2008 A67-25825
- Investigations of solid interplanetary matter in the vicinity of the moon. 19 p3319 A67-35275
- Preliminary results of investigations of solid interplanetary matter in the vicinity of the moon. 21 p3701 A67-37845
- RYBAKOV, N. I.**
Biological investigations on the "Voskhod" and "Voskhod-2" space-ships. 14 p2254 A67-27864
- RYBAKOV, V. S.**
Device for continuous automatic control of the state of the cutting edges of a cutting tool /Ustroystvo dlia nepreryvnogo avtomaticheskogo kontrolya za sostoyaniem rezhuschikh kromok reztsa/. 21 p3626 A67-38059
- RYBAKOVA, K. D.**
Biological investigations on the "Voskhod" and "Voskhod-2" space-ships. 14 p2254 A67-27864
- RYBALCHENKO, R. V.**
Preparation and properties of carbides /Ti, W, Cr/C. 16 p2691 A67-31587
- RYBALKO, F. P.**
Distribution of elastic deformations in the structure of quasi-isotropic polycrystalline titanium. 01 p0093 A67-10100
- RYBALOVA, R. P.**
Calculation of a diffusion flame in the transition region of a flow /K raschetu diffuzionnogo fakela v perekhodnoi oblasti techeniya/. 02 p0343 A67-12536
- RYBANSKY, M.**
On the photometry of coronal emission line 5303 angstrom units on Mt Lomnický štít. 10 p1705 A67-22897
- RYBASHOV, M. V.**
Methods for solving problems of mathematical programming on general-purpose analog computers /Metody resheniya zadach

- matematicheskogo programirovaniya na analogovykh vychislitel'nykh mashinakh obshchego naznacheniya/. 17 p2817 A67-32225
- RYBCHINSKII, R. E.**
Some results of measurements carried out by means of charged particle traps on the Electron 2 satellite. 12 p1998 A67-25817
Preliminary results of measurements carried out by means of charged particle traps on the interplanetary station Zond 2. 12 p1998 A67-25818
- RYBICKI, G.**
Computational methods for non-LTE line-transfer problems. 14 p2351 A67-28994
- RYBICKI, G. B.**
Radiative transfer in turbulent atmospheres - The diagnostic problem. 23 p4068 A67-41281
- RYBICKI, K.**
A detailed experimental analysis of nucleon-nucleon collisions between 10 super 12 EV and 10 super 14 EV. 16 p2703 A67-30965
Fragmentations of cosmic-ray nuclei without particle production in the energy range /10 - 1000/ GeV/nuc. 17 p2936 A67-32363
Multiple meson production by heavy primary nuclei of cosmic origin and their fragmentation products at energies above 10 super 12 ev. 20 p3518 A67-37092
- RYBIN, V. V.**
Comments on the electric conductivity of the upper atmosphere. 07 p1179 A67-19834
- RYBKA, P.**
Some remarks on meridian observations of Jupiter. 11 p1868 A67-25087
- RYCHKOVA, S. V.**
Polarimetric investigation of stresses in silicon single crystals containing a p-pi junction /Polarimetricheskie issledovaniya napriazhenii v monokristalle kremniya, soderzhashchem p-pi-perekhod/. 08 p1423 A67-21332
- RYDBECK, O. E. H.**
The propagation and coupling of waves in inhomogeneous media. 24 p4123 A67-42657
- RYDER, G. H.**
Boundary value problems for a class of nonlinear differential equations. 24 p4178 A67-42728
- RYDGREN, B.**
Photometric measurements of the ash-moon by the use of a coronagraph. 06 p1082 A67-18014
- RYDKII, S. G.**
Effect of space-flight factors on wheat seeds and plants grown from them. 11 p1747 A67-24081
- RYDSTROM, H. O.**
Interpreting local geology from radar imagery. 01 p0058 A67-10310
- RYERSON, C. M.**
Spacecraft component reliability. 01 p0155 A67-11343
Modern basic concepts in component part reliability. 04 p0584 A67-15477
Reliability screening. 05 p0813 A67-17257
- RYGWALSKI, E.**
Estimating reliability for future space systems. 09 p1572 A67-22311
- RYHMING, I. L.**
On the structure of a radiation-resisted shock in a simple dissociating gas. 06 p0993 A67-18893
- RYKACZEWSKI, S.**
A cryogenic sensor signal conditioner. 18 p3051 A67-34510
- RYKALIN, N. N.**
Heating of a two-layer plate in laser-beam welding. 05 p0814 A67-17548
Allowance for the effect of a nonideal contact during laser welding of different materials /K uchetu vlianiya neideal'nosti kontakta pri svarke lazerom raznorodnykh materialov/. 18 p3053 A67-33630
- RYKALIN, V. I.**
A generator of a sequence of nanosecond light pulses /Generator serii svetovykh nanosekundnykh impul'sov/. 19 p3228 A67-34987
- RYKHLEVSKII, I. A.**
Contribution to the general theory of ideally plastic shells /K obshchei teorii ideal'no-plasticheskikh obolochek/. 12 p2029 A67-25637
- RYKOV, S. V.**
Ferromagnetic magnetostatic microwave amplifier /Ferromagnitnyi magnetostaticheskii usilitel' SVCh/. 04 p0583 A67-15168
- A ferromagnetic magnetostatic microwave amplifier. 15 p2443 A67-29354
- RYKOV, V. A.**
Invariant transformation of the equations of magnetogasdynamics for a special case. 13 p2166 A67-26895
Relaxation of a gas described by the Boltzmann kinetic equation /Relaksatsiya gaza, opisываемого kineticheskimi uravneniem Bolt'smana/. 22 p3782 A67-39406
- RYKOV, V. V.**
Investigation of the reactions of nucleons with an energy of greater than 10 super 14 ev /Issledovanie vzaimodeistvii nuklonov s energiei bol'she priblizitel'no 10 super 14 ev/. 02 p0316 A67-12765
Investigation of the interaction of greater than 10 super 14 ev nucleons. 22 p3876 A67-40267
Studies of interactions of nucleons of energies of approximately 10 super 14 ev /Issledovaniya vzaimodeistvii nuklonov s energiei priblizitel'no 10 super 14 ev/. 24 p4218 A67-42836
- RYKOVA, N. P.**
Mathematical simulation of parabolic-type nonlinear equations /Matematicheskoe modelirovanie nelineinykh uravnenii parabolicheskogo tipa/. 17 p2821 A67-33079
- RYLAND, H. R.**
Crew safety - A combination of many disciplines. [AIAA PAPER 87-934] 24 p4245 A67-43024
- RYLANDER, H. G.**
A theory of liquid-solid hydrodynamic film lubrication. 01 p0077 A67-10122
- RYLE, B. L.**
An engineering approach to software configuration management. 03 p0538 A67-14221
- RYLE, M.**
The operation of the Cambridge one-mile diameter radio telescope. 02 p0322 A67-11584
Radio galaxies. 03 p0518 A67-14335
Some observations of weak radio sources with the Cambridge one-mile telescope. 04 p0698 A67-14808
Aerial synthesis. 14 p2284 A67-28433
The Cambridge 1 mile radiotelescope. 15 p2467 A67-30027
- RYLOV, I. A.**
Simulation of the performance of an ionization calorimeter /O modelirovani raboty ionizatsionnogo kalorimetra/. 09 p1497 A67-21900
Effect of fluctuations on the accuracy of energy measurements with an ionization calorimeter /O vlianii fluktuatsii na tochnost' izmereniya energii ionizatsionnym kalorimetrom/. 17 p2855 A67-32250
- RYMARCHUK, I. U. A.**
The output power of a gas laser using nearly confocal resonators. 03 p0438 A67-14190
- RYMARZ, C.**
Surface waves in a medium with couple stresses /Fale powierzchniowe w osrodku z naprezeniami momentowymi/. 23 p4079 A67-41417
- RYNASKI, E. G.**
Optimal helicopter station keeping. 01 p0111 A67-11201
Optimal control of a flexible launch vehicle. 19 p3336 A67-35988
- RYNN, N.**
Ion temperature in a plasma produced by contact ionization. 16 p2720 A67-31243
Fully-ionized barium plasma source. 23 p4033 A67-41215
- RYSAKOV, V. M.**
Transients in linear antennas. 08 p1302 A67-20826
Recording a single pulse of a Q-switched laser by means of a storage tube /Registratsiya monoimpul'sa lazera, rabotaiushchego v rezhime s modulatsiei dobrotnosti, pri pomoshchi zapominalushchei trubki/. 22 p3817 A67-40415
- RYSIN, L. S.**
Investigation of the propagation of a gas stream expelled from a gas turbine engine below the rotor and its effect on the air environment of a single-rotor helicopter /Issledovanie rasprostraneniya gazovogo potoka, vykhodiashego iz gazoturbinnogo dvigatelya pod nesushchim vintom, i vlianiya ego na sostoianie vozdukh v okrug odnovintovogo vertoletia/. 11 p1853 A67-24529
- RYTOV, S. M.**
Introduction to Statistical Radio Physics /Vvedenie v Statisticheskuyu Radiofiziku/. 08 p1295 A67-21336
Once more on the possibility of determining local electron concentration by the dispersion method using artificial earth satellites and new ionization maxima in the ionosphere. 12 p1932 A67-25539
- RYTOVA, N. S.**
Resonance absorption of electromagnetic waves in a thin film /Rezonansnoe pogloshchenie elektromagnitnykh voln v tonkoi plence/. 01 p0127 A67-10072
Screened potential of a point charge in a thin film /Ekranirovannyi potentsial tochechnogo zariada v tonkoi plence/. 18 p3101 A67-34091
- RYVKIN, S. M.**
Destruction of LiF single crystals under the effect of laser radiation /O razrushenii monokristallov LiF pod deistviem lazernogo izlucheniya/. 01 p0086 A67-10071
Formation of paramagnetic centers in polymers exposed to the effect of laser radiation /Vozniknovenie paramagnitnykh tsentrov v polimerakh, podvergnutykh deistviu lazernogo izlucheniya/. 01 p0086 A67-10075
Breakdown in transparent dielectrics caused by intense laser radiation. 03 p0439 A67-14367
A theoretical and experimental study of optical transitions in semiconductors induced by carrier interaction. 06 p1059 A67-18912
Damage produced by a laser beam in a transparent dielectric. 08 p1337 A67-20840
Fracture of LiF single crystals under the action of laser radiation. 08 p1339 A67-21454
Laser radiation absorption and semiconductor breakdown /Pogloshchenie i razrushenie v poluprovodnikakh/. 15 p2537 A67-29704
Effect of single-axis compression on the radiative impurity recombination in germanium /Vlianie odnoosnogo szhatia na mezhprimesnuyu izluchatel'nuyu rekombinatsiyu v germanii/. 15 p2537 A67-29705
Statistical relationships governing the formation of cracks in polymethylmethacrylate under the action of laser radiation. 20 p3473 A67-36161
Two-photon photoconductivity in CdS excited with giant pulses from ruby laser. 20 p3456 A67-36164
Absorption of laser radiation and damage in semiconductors. 24 p4199 A67-41774
Influence of uniaxial compression on the interimpurity radiative recombination in germanium. 24 p4199 A67-41775
- RYVKIN, V. B.**
On determination of the heat transfer coefficient in simultaneous conductive and convective heat transfer. 04 p0730 A67-15817
Structure of the solutions to elliptic and parabolic equations with one separable variable /Struktura reshenii ellipticheskikh parabolicheskikh uravnenii s odnoi otdeialushcheisya peremennoi/. 07 p1214 A67-19177
Solution, by the method of separation of variables, of the "adjoint" problem of cooling a cylinder with a turbulent fluid flow parallel to the axis of the cylinder /Reshenie metodom razdeleniya peremennykh "sopriazhennoi" zadach ob okhlazhdenii tsilindra turbulentnym potokom zhidkosti, paralelnym osi tsilindra/. 17 p2972 A67-33072
- RYZHIKOV, I. V.**
Theory of static characteristics of four-layer p super plus -n-nu-n super plus diode structures /K teorii staticheskikh kharakteristik chetyrekhslonnykh p super plus -n-nu-n super plus -diodnykh struktur/. 08 p1303 A67-21054
- RYZHKINA, T. E.**
Possibility of the use of correlation reception for wide-band signals in studies of the parameters of ionospheric inhomogeneities and signal distortions /Vozmozhnost' primeniya korrelyatsionnogo priema shirokopolosnykh signalov dlia izucheniya parametrov ionosfernykh neodnorodnostei i iskazheniya signalov/. 16 p2832 A67-31909
- RYZHIKOVICH, R. L.**
Method of studying the propagation of plastic deformation during dynamic loading /Metod issledovaniya rasprostraneniya plasticheskoi deformatsii pri dinamicheskoi nagruzhke/. 05 p0921 A67-16936
- RYZHOV, I. A.**
Energy transfer during the interaction of

- atoms with the surface of an ideal crystal /Energobmen pri vzaimodelstvi atomov s poverkhnost'yu ideal'nogo kristalla/. 11 p1824 A67-24855
- Energy exchange in the interaction of atoms with the surface of an ideal crystal. 20 p3490 A67-37538
- Interaction of atoms with the surface of a solid body /O vzaimodelstvi atomov s poverkhnost'yu tverdogo tela/. 24 p4190 A67-41938
- RYZHOV, N. M.**
- Coaxial plasma gun in a longitudinal magnetic field. 06 p1039 A67-18084
- Structure of plasmoids formed by a coaxial gun-effect of electrode polarities. 06 p1040 A67-18085
- Coaxial plasma gun in a longitudinal magnetic field /Koaksial'naya plazmennaya pushka v prodol'nom magnitnom pole/. 15 p2525 A67-29253
- RYZHOV, O. S.**
- Asymptotic pattern of flow past bodies of revolution in a sonic stream of viscous and heat-conducting gas. 06 p0937 A67-18031
- Transonic flow past ducted bodies of revolution /O transvukovom obtekanii tel vrascheniya s protokom/. 14 p2296 A67-27989
- Damping of perturbations introduced by a body of revolution into a supersonic flow of viscous heat-conducting gas /Zatukhanie vozmushchenii, kotorye vnositsia telom vrascheniya v sverkhzvukovoi potok viazkogo teploprovodnashchego gaza/. 20 p3357 A67-36810
- Performance of Laval nozzles under off-design conditions /O rabote sopel Lavalla v nerashchetnykh rezhimakh/. 21 p3564 A67-38420
- RYZHOVA, L. K.**
- Oblique incidence of a plane electromagnetic wave on a compressible plasma cylinder /Naklonnoe padenie ploskoi elektromagnitnoi volny na szhlmaemiy plazmenniy tsilindr/. 16 p2628 A67-31503
- RZAEV, M. A.**
- Phenomenon of secondary tunneling in GaSb. 05 p0861 A67-16395
- Positively sloped current-voltage characteristics of fused p-n junctions in InSb /Priamyie vetvi vol'nampernykh kharakteristik splavnykh p-n-perekhodov v InSb/. 16 p2730 A67-31161
- Temperature dependence of the reverse current of fused InSb diodes /Temperaturnaya zavisimost' obratnogo toka splavnykh diodov iz InSb/. 16 p2637 A67-31162
- Investigation of tunnel p-n junctions in gallium antimonide /Issledovanie tunnel'nykh p-n perekhodov v antimonide gallia/. 18 p3098 A67-33573
- RZEWUSKI, H.**
- Metastable defects in germanium /Defekty metatrvalne w germanie/. 04 p0677 A67-14939
- Rapid annealing of germanium after brief irradiation /Guerison rapide du germanium apres une irradiation breve/. 17 p2918 A67-32853
- RZHANITSYN, A. R.**
- General nonlinear law of hereditary creep /Obshchii nelineinyy zakon nasledstvennoi polzuchestii/. 06 p1107 A67-18636
- RZHANOV, A. V.**
- Measurement of the Hall photo-EMF on thin germanium samples /Izmereniya fotoeds kholla na tonkikh obraztsakh germaniya/. 14 p2368 A67-28529
- Measurements of the Hall photo-EMF in thin samples of germanium. 23 p4039 A67-40936
- RZHEVTSEV, V.**
- Determination of the velocity of the vertical motion of the lower ionosphere /K opredeleniyu skorosti vertikal'nogo dvizheniya nizheney ionosfery/. 05 p0801 A67-17144
- Determination of the speed of vertical motion of the lower ionosphere. 21 p3619 A67-38486
- RZHIGA, O. N.**
- Comparison of the reflectivity of Mars at 40 and 12.5 cm from radar observations during the 1963 opposition. 09 p1563 A67-21632
- An estimate of the physical properties of the Martian surface from the results of radio and infrared observations. 18 p3119 A67-33860

S

- SAAD, M. A.**
- Simulation of fluid flow phenomena in propellant tanks at high and low accelerations. 04 p0598 A67-15243
- SAAK, E. M.**
- Regular approximation of solutions for complex elliptic equations of any order /O regularnoi approksimatsii reshenii kompleksnykh ellipticheskikh uravnenii lubogo poriadka/. 04 p0643 A67-14725
- SAAKIAN, V. A.**
- Heat conductivity of semiconductors with two types of current carrier /Teploprovodnost' v poluprovodnikakh s dvumia sortami nositelei/. 05 p0868 A67-17062
- Thermal properties, electrical properties, and width of the forbidden bands of PbTe and PbSe /Teplovyie, elektricheskie svoystva i shirina zapreshchennoi zony PbTe i PbSe/. 12 p1886 A67-28094
- Thermal conductivity in semiconductors with two types of current carriers. 15 p2538 A67-29793
- SAALER, P. T.**
- A survey of coaxial and strip-line microwave components. 19 p3195 A67-35549
- SAAR, D.**
- Preliminary design of the "Arava" STOL airplane. 11 p1743 A67-24213
- SAARI, J. M.**
- Infrared and visible images of the eclipsed moon of December 19, 1964. 04 p0697 A67-14741
- Lunar surface thermal characteristics from Surveyor 1. 08 p1386 A67-20940
- Review of lunar infrared observations. [AAS PAPER 66-184] 08 p1387 A67-20959
- Recent results of lunar eclipse measurements showing hot spots. 08 p1392 A67-21086
- Directional characteristics of the lunar thermal emission. [AIAA PAPER 67-291] 12 p2009 A67-26008
- SABADYR, N. P.**
- Investigation of the current distribution in the formation of an eddy configuration in the atmosphere /Issledovanie raspredeleniya tokov pri obrazovanii vikhrevoi konfiguratsii v atmosfere/. 02 p0180 A67-12441
- SABANINA, T. B.**
- Determination of the inclination of the quasi-geocentric coordinate system with the aid of artificial earth satellites /Wyznaczenie nachylenia quasigeocentrycznego ukladu wspolrzednych przy pomocy sztucznych satelitow ziemi/. 20 p3434 A67-37548
- SABEL, A. H.**
- A tension test method for high modulus, high-strength filaments. 19 p3245 A67-35553
- SABELEV, G. I.**
- Heat release and temperature distribution in the wall of a square channel during the passage of a turbulent flow of water or mercury /Teplootdacha i raspredelenie temperatury v stenke kvadratnogo kanala pri turbulentnom techenii vody i rtuti/. 07 p1265 A67-19126
- Heat transfer and temperature distribution in the wall of a square duct during the turbulent flow of water and mercury. 21 p3731 A67-38170
- SABININ, I. U. A.**
- Programed telescope control systems /Sistemy programmno upravleniya teleskopami/. 02 p0241 A67-11992
- SABISKY, E. S.**
- Solid-state optically pumped microwave masers. 21 p3640 A67-38454
- SABLINA, K. A.**
- Temperature dependence of the phase shift in ferrite phase shifters /O temperaturnoi zavisimosti fazovogo sdviga v ferritovykh fazovrashchatellakh/. 02 p0301 A67-12672
- SABODASH, P. F.**
- Dynamic problem for a thin elastic plate /Ob odnoi dinamicheskoi zadache dlia tonkoi uprugoi plastinki/. 21 p3720 A67-38300
- SABOL, A. P.**
- An experimental study of the behavior of high-current arcs driven by strong external magnetic fields. 12 p1974 A67-25399
- SABROFF, A. E.**
- Parameter optimization by random search using hybrid computer techniques. 19 p3188 A67-36058

- Advanced spacecraft stabilization and control techniques. [AIAA PAPER 67-878] 24 p4244 A67-42997
- SACCHI, C.**
- A theory on the creation of stellar magnetic fields. 06 p1089 A67-18773
- SACCHI, C. A.**
- Design characteristics and operation of a continuous neodymium laser /Caratteristiche di costruzione e funzionamento di un laser a neodimio in continua/. 09 p1516 A67-22865
- Self-locking of modes in a passive Q-switched laser. 13 p2126 A67-26727
- SACCHI, G.**
- Contribution to the study of metal contacts on semiconductor real surfaces. 14 p2373 A67-28925
- The potential barrier at the metal-semiconductor contact /La barriera di potenziale al contatto metallo-semiconduttore/. 24 p4204 A67-42410
- SACCOCIO, E. J.**
- Application of Lloyd's mirror to X-ray holography. 18 p3047 A67-33884
- Application of the dynamical theory of X-ray diffraction to holography. 23 p4009 A67-41462
- SACHDEVA, B. K.**
- Oscillations of a non-uniform bounded plasma in a strong magnetic field. 03 p0482 A67-13747
- SACHDEVA, S. K.**
- A note on the derivation of the discontinuity conditions across hydromagnetic shock surfaces. 22 p3854 A67-40317
- SACHENKO, A. V.**
- Kinetics of the electron exchange between surface bands and space bands of semiconductors /Kinetika elektronnoho obminu mizh poverkhnivimi ta ob'emnymi zonami v napivprovodnikakh/. 14 p2371 A67-28754
- SACHLEBEN, J. H.**
- Lunar module simulator rehearses hardware's role. 08 p1319 A67-21546
- SACHS, H. K.**
- Energy dissipation of nonlinear critically damped systems during impact. 23 p4072 A67-40609
- SACHS, H. M.**
- Fabric - An analysis concept for making communications systems frequency assignments. 24 p4123 A67-42719
- SACHS, R. K.**
- Perturbations of a cosmological model and angular variations of the microwave background. 08 p1398 A67-21233
- Perturbations of a cosmological model and angular variations of the microwave background. 22 p3892 A67-40498
- SACHSE, M.**
- Some problems in rocket production /Einige Probleme der Raketenfertigung/. 01 p0079 A67-10638
- SACK, R. L.**
- Modification of elements in the displacement method. 19 p3343 A67-35771
- SACKMAN, J. L.**
- On uniqueness in general linear viscoelasticity. 17 p2964 A67-33135
- On the buckling of aging, linearly viscoelastic beam-columns. 19 p3343 A67-35781
- SACKS, B.**
- Theory of the interband magneto-optical semiconductor laser. 05 p0822 A67-16873
- SACRAMONE, P.**
- An approach to space electronics thermal design. 08 p1303 A67-21062
- An approach to space electronics thermal design. 21 p3594 A67-38329
- SACZALSKI, K. J.**
- Energy techniques and matrix methods for computer programming of dynamic structural response. [ASME PAPER 67-VIBR-56] 11 p1873 A67-24203
- SADAGOPAN, V.**
- Average heats of atomization and the IV-VI compound semiconductors. 13 p2184 A67-27570
- SADASIV, G.**
- A self-scanned solid-state image sensor. 23 p3998 A67-40868
- SADDLER, N. B.**
- Excitation of the PE sub 20 and PM sub 11 modes in a dielectric-loaded trough waveguide by a dielectric-loaded rectangular waveguide. 19 p3194 A67-35514

- SADEH, W. Z.**
A note on the general solution of the two-dimensional linear elasticity problem in polar coordinates. 06 p1111 A67-18873
- SADIKOV, I. N.**
Laminar heat transfer over the initial section of a rectangular channel. 04 p0726 A67-15590
- SADOFF, M.**
Acceleration stress effects on pilot performance and dynamic response. 17 p2808 A67-33176
- SADOVNICHII, A. A.**
Photoelectric characteristics of the capacitance of a surface varicap /Fotoelektricheskie kharakteristiki emkosti poverkhnostnogo varikap/. 07 p1152 A67-19591
The photoelectric characteristics of the capacitance of a surface varicap. 20 p3401 A67-37330
- SADOVNICHII, V. A.**
Trace of the difference between two ordinary differential operators of higher order /O slede raznosti dvukh obyknovennykh differentsial'nykh operatorov vysshikh porladkov/. 07 p1214 A67-19175
- SADOVSKI, L. A.**
A statistical verification of a hypothesis for quasars. 13 p2198 A67-26766
- SADOWSKY, M. A.**
Effect of couple-stresses on force transfer between embedded microfibers. 14 p2398 A67-28100
- SADUNAS, J. A.**
Heat transfer and pressure distribution in open cavity flow. [ASME PAPER 65-WA/HT-37] 08 p1278 A67-21320
- SAEKI, A.**
A new ferrite-diode device and its applications. 22 p3774 A67-40459
- SAELMAN, B.**
A note on the optimum design of I-section beams. 21 p3722 A67-38546
- SAENGER-BREDDT, I.**
Upper limits of the performance of liquid hydrogen/liquid oxygen systems as a rocket-propulsion combination /Obere Grenzen der Leistungsfahigkeit des Flusssigwasserstoff-Flusssigsaurestoff-Systems als Raketenreibstoffkombination/. 23 p4049 A67-41319
- SAENGER, G.**
Contribution to the investigation of the pumping power of a cryopump for gas mixtures /Ein Beitrag zu den Untersuchungen des Saugvermoegens einer Krypumppe fuer Gasgemische/. 09 p1503 A67-22117
- SAENKO, V. A.**
Reflex discharge in a weak magnetic field. 20 p3498 A67-36686
- SAENZ, S. G.**
Effects of heat sterilization in microelectronic assemblies. 12 p1914 A67-25683
- SAEWERT, D. R.**
Bridging the gap between I/C's and relays. 08 p1303 A67-21028
- SAFANTEVSKII, A. P.**
Ferromagnetic magnetostatic microwave amplifier /Ferromagnitny magnitostaticheskii usilitel' SVCh/. 04 p0583 A67-15168
A ferromagnetic magnetostatic microwave amplifier. 15 p2443 A67-29354
- SAFARALIEV, G. I.**
Thermal conductivity and thermal emf of Zn and Te alloyed gallium antimonide /Teploprovodnost' i termoez antimonida gallia, legirovannogo Zn i Te/. 02 p0297 A67-11847
About phonon scattering in doped GaSb crystals. 03 p0488 A67-12811
Metallic device for studying galvanothermoelectric effects in semiconductors /Metallicheski pribor dlia issledovanlia galvanothermoelektricheskikh iavlenii v poluprovodnikakh/. 19 p3228 A67-34989
About the role of minority carriers in the impurity conduction of GaSb. 21 p3687 A67-39141
- SAFAROV, G. G.**
Boundary layer suction in the flow of a two-component fluid around a body. 06 p0985 A67-18204
Boundary layer on a body of revolution in a two-component fluid flow /Pogranichnyi sloi na tele vrashchenia pri obtekanii dvukhkompnentnoi zhidkosti/. 14 p2295 A67-27835
Ejection of a fluid into the boundary layer on a thin plate /Vybrasyvanie zhidkosti v pogranichnyi sloi na ploskoi plastinke/. 18 p3025 A67-33571
- SAFAROV, V. I.**
Bound excitons in Cu-doped GaAs crystals /Sviazannye eksitony v kristallakh GaAs s primes'lu Cu/. 12 p1984 A67-25522
Bound excitons in GaAs crystals with Cu impurity. 18 p3103 A67-34453
- SAFFELL, B. F., JR.**
Study of small-amplitude vibrations of clamped rectangular plates using polynomial approximations. 17 p2962 A67-32823
- SAFFIRE, V. N.**
Re-entry vehicle application of advanced filament reinforced structural composites. 03 p0429 A67-13417
- SAFFMAN, P. G.**
The structure of quasi-shocks in a collision-free plasma in a magnetic field. 08 p1359 A67-20901
The large-scale structure of homogeneous turbulence. 09 p1490 A67-22417
The flow of a viscous compressible fluid through a very narrow gap. 16 p2661 A67-31420
- SAFONOVA, E. V.**
Malfunctioning of an inertial navigation system due to inaccurate integration /Pogreshnosti sistemy inertsial'noi navigatsii iz-za netochnosti integrirvaniia/. 16 p2699 A67-30468
- SAFRONOV, B. G.**
Structure of plasmoids from a conical induction source /Struktura plazmennyykh sgustkov induktsionnogo konicheskogo istochnika/. 15 p2526 A67-29255
Thomson mass spectroscopy for studying plasmoids /Mass-spektroskop Tomsona dlia izuchenia plazmennyykh sgustkov/. 15 p2486 A67-29260
- SAFRONOV, I. U. P.**
Statistical characteristics of the earth's radiation into space at wavelengths ranging from 7 to 28 μ /Statisticheskie kharakteristiki izlucheniia zemli v kosmos v diapazone dlin voln 7-28 μ /. 16 p2668 A67-31887
The spectral composition of the infrared earth's radiation into the space according to the results of measurements from the artificial earth's satellites. 19 p3219 A67-35253
- SAFRONOV, I. U. V.**
The stresses in a compound disk under the influence of concentrated loads /O naprazheniiakh v sostavnom diske pri deistvii sosredotochennykh nagruzok/. 15 p2577 A67-30186
- SAFRONOV, V. S.**
The protoplanetary cloud and its evolution. 09 p1563 A67-21633
Figure of the moon /K voprosu o figure luny/. 17 p2949 A67-33123
- SAGALOVICH, V. V.**
Structure of molybdenum and tungsten films obtained by thermal decomposition of carbonyls in vacuum /Struktura plenok molibdena i vol'fra, poluchennykh termicheskimi razlozheniem karbonilov v vakuume/. 17 p2921 A67-32892
- SAGALYN, R. C.**
Investigation of electrical phenomena in the equatorial ionosphere. 10 p1648 A67-23288
Experimental investigation of the nighttime E region. 10 p1648 A67-23289
Magnetosphere plasma properties during a period of rising solar activity - OGO-III. 19 p3217 A67-35200
- SAGAN, C.**
On the nature of the canals of Mars. 01 p0149 A67-10887
Venus - Atmospheric evolution. 07 p1256 A67-20022
Anisotropic nonconservative scattering and the clouds of Venus. 08 p1385 A67-20931
Thermodynamic equilibria in planetary atmospheres. 09 p1566 A67-22236
Radar Doppler spectroscopy of Mars. 11 p1887 A67-24776
Postscript - The stars. 13 p2206 A67-27509
Secular changes and dark-area regeneration on Mars. 16 p2747 A67-30989
A statistical analysis of the Martian wave of darkening and related phenomena. 16 p2749 A67-31401
Relationship of planetary quarantine to biological search strategy. 19 p3180 A67-35233
Life in the clouds of Venus/ques/ 22 p3750 A67-39556
Martian ionosphere - A component due to solar protons. 23 p4083 A67-40799
An estimate of the surface temperature of Venus independent of passive microwave radiometry. 24 p4225 A67-41827
- SAGAN, C. E.**
Organic molecules and the coloration of Jupiter. 07 p1246 A67-19057
- SAGANOWICH, J. T.**
Helicopter landing systems. 23 p4026 A67-41500
- SAGDEEV, R. Z.**
Destruction of magnetic surfaces by magnetic field irregularities. 10 p1686 A67-23468
Instabilities due to temperature gradients in complex magnetic field configurations. 13 p2162 A67-26284
Collisionless shock waves in high beta plasmas. I, II. 17 p2901 A67-32528
On Ohm's law resulting from instability. 20 p3495 A67-36156
- SAGE, A. P.**
A technique for the real time digital simulation of nonlinear control processes. 01 p0045 A67-10674
On-line estimation of states and parameters for discrete nonlinear dynamic systems. 02 p0228 A67-12153
Sequential suboptimal adaptive control of nonlinear systems. 02 p0228 A67-12156
Real-time digital simulation for systems control. 05 p0768 A67-17518
Comparison of some methods used for process identification. 15 p2460 A67-30310
Optimal and suboptimal guidance and control for low thrust orbital transfer. 22 p3832 A67-40146
- SAGE, B. H.**
Local and macroscopic transport from a 1.5-in. cylinder in a turbulent air stream. 14 p2407 A67-28624
- SAGER, R. K.**
Welding. 14 p2323 A67-27819
- SAGET, J.-C.**
Some applications of holography /Quelques applications de l'holographie/. 09 p1501 A67-22555
Holographic interferometry /Interferometrie par holographie/. 19 p3232 A67-35890
- SAGGAU, B.**
The low pressure column and striations. 19 p3273 A67-35097
- SAGI, C. J.**
The design and performance of two-dimensional, curved diffusers. I. [ASME PAPER 87-FE-6] 14 p2242 A67-28358
- SAGINASHVILI, I. N.**
Electroluminescence spectra of gallium phosphide diodes /O spektrakh elektroluminesentsii diodov na osnove fosfida gallia/. 12 p1914 A67-25438
- SAGIROW, P.**
Optimal space trajectories with additional boundary conditions and limited rotational velocity of the thrust vector /Optimale Raumflugbahnen mit zusaetzlichen Randbedingungen und beschraenkter Drehgeschwindigkeit des Schubvektors/. 01 p0146 A67-10209
- SAGNES, G.**
Study of GaSb injection lasers /Sur l'etude des lasers a injection au GaSb/. 09 p1516 A67-22600
Emission of GaSb injection lasers in a pulsed regime /Emission de lasers a injection au GaSb en regime d'impulsions/. 23 p4016 A67-41193
- SAGOMONIAN, A. IA.**
Impact of a supersonic jet against a surface /Udar sverkhzvukovoi strui o poverkhnost'/. 05 p0795 A67-14749
Interaction of a jet with an unbounded stream with high velocities at infinity /K voprosu o vzaimodelstvii strui s neogranichennym potokom pri bol'shikh skorostakh na beskonechnosti/. 20 p3360 A67-37661
- SAH, C. T.**
Evidence of the surface origin of the 1/f noise. 02 p0296 A67-11820
A distortion analysis of the MOS transistor. 03 p0388 A67-14183
The spatial variation of the quasi-Fermi potentials in p-n junctions. 09 p1556 A67-22201
Current saturation and drain conductance of junction-gate field-effect transistors. 15 p2446 A67-29637

- Tunneling currents via Au levels in Ge Esaki diodes. 17 p2826 A67-32621
- SAH, C.-T.
The equivalent circuit model in solid-state electronics. I. 15 p2456 A67-29170
- SAHA, A. K.
Deviative absorption in the F2-layer. 22 p3789 A67-39472
- SAHA, G. B.
Recoll ranges of products from reactions of Cu super 65 with 11-33-mev He super 3 ions. 03 p0473 A67-13926
- SAHARIAN, A.
Studies of multipactor suppression on high-power microwave windows. 15 p2448 A67-29757
- SAHM, P. R.
Pressure-sintered GaSb-GaAs alloys - densification and thermoelectric properties. 24 p4204 A67-42346
- SAHNI, R. C.
Effect of vibrational-rotational motion on the electric and magnetic properties of diatomic molecules. 01 p0117 A67-10784
- SAIA, A.
Aerospace castings produced from magnesium-lithium-silicon alloy. 07 p1193 A67-20254
- SAIAPIN, G. N.
Study of the special features of hypersonic flow past blunt bodies by a nonequilibrium gas /Issledovanie osobennostei obtekania zatuplennykh tel giperzvukovym potokom neravnovesnogo gaza/. 06 p0935 A67-17731
- SAIASOV, I. U. S.
Theoretical methods for observing the quenching of the chemical and electron processes in low-temperature plasma flows /Teoreticheskie metody issledovaniia zakalki khimicheskikh i elektronnykh protsessov v nizkoteraturnykh plazmennyykh strukakh/. 17 p2896 A67-32169
Ionization structure of shock waves in air at M less than or equal to 12. 19 p3293 A67-35401
- SAIBEL, E.
Oil whip whirl orbits of a rotor in sleeve bearings. [ASME PAPER 67-VIBR-28] 11 p1797 A67-24186
Some non-Newtonian effects in the decay of isotropic turbulence. 22 p3787 A67-40221
The elastohydrodynamic problem with a viscoelastic fluid. [ASME PAPER 67-LUB-23] 24 p4163 A67-42681
- SAID, R. A. K.
Phasing for a beam-steering array by the use of optical techniques. 01 p0027 A67-11320
- SAIDOV, M. S.
Silicon devices with negative resistance /K voprosu o kremlevykh priborakh s otritsatel'nyy soprotivleniem/. 11 p1768 A67-24859
Contact effects in semiconductors and solubility /Kontaktnye yavleniia v poluprovodnikakh i rastvorimost'/. 21 p3682 A67-38364
- SAIEDY, F.
Indirect measurements of atmospheric and surface temperatures. 01 p0061 A67-11391
On cloud-top determination from Gemini-5. 01 p0061 A67-11396
On cloud-top determination from Gemini-5. 06 p1026 A67-18563
Remote sensing of surface and cloud temperatures using the 899-cm interval. 13 p2152 A67-27355
On cloud measurements from Gemini-5 using reflected solar radiation. 22 p3807 A67-40369
Cloud-top and surface temperatures and temperature soundings from satellites. 22 p3829 A67-40370
- SAIKOVSKII, M. I.
Calculation of losses in diffusers. 04 p0548 A67-15601
Effect of geometrical parameters of curvilinear annular diffusers on diffuser effectiveness /Vliianie geometricheskikh parametrov krivolinnykh kol'tsevykh diffuzorov na ikh effektivnost'/. 06 p0942 A67-18553
- SAIN, M. K.
A projection principle for minimum variance estimation. 02 p0259 A67-12154
- SAINT-ETIENNE, J.
Space electronics in France /L'electronique spatiale en France/. 20 p3399 A67-36879
- Accuracy and rapidity in space-vehicle tracking systems /Precision et rapidite dans les systemes de localisation de vehicules spatiaux/. 21 p3583 A67-38642
- SAINT-JAMES, D.
Upper critical field of a superconductor backed by a normal metal. 24 p4200 A67-41862
- SAISON, R.
Low frequency loss-cone instabilities of plasma in Taylor minimum-B configurations. 12 p1969 A67-25199
- SAITO, B.-I.
Large amplitude variations of the intensity of oxygen 5577 angstrom units emission in the night airglow and the structure of lower thermosphere. 10 p1634 A67-23051
- SAITO, F.
Operation of a laser-pumped ruby maser at 77 deg K. 09 p1511 A67-21765
- SAITO, H.
Analysis of stresses in a semi-infinite plate due to a pin by interferometric method. 10 p1718 A67-23245
Effect of impurities on the annealing behavior of irradiated silicon. 17 p2921 A67-33051
- SAITO, K.
The flattening, total light, brightness distribution and polarization of the solar corona. 01 p0150 A67-10933
Langmuir probe current in turbulent flow of weakly ionized gas. 20 p3503 A67-37674
- SAITO, S.
Low-frequency oscillations in a weakly ionized plasma in crossed electric and magnetic fields. 06 p1046 A67-18827
The linear servomotor - Study of the operating unit for servosystems moving rectilinearly. 08 p1286 A67-20992
Measurement of growth and damping rate of resistive instability in gaseous plasma. 15 p2530 A67-29823
- SAITO, T.
Geomagnetic pulsations associated with sudden commencements and sudden impulses. 17 p2851 A67-33211
Some characteristics of the dynamic spectrum of long-period geomagnetic pulsations. 20 p3433 A67-37413
Fundamental considerations for transistor oscillator design. 21 p3598 A67-38602
- SAITO, Y.
Frequency doublers with general nonlinear varactors. 01 p0040 A67-11234
- SAITOVA, U.
Calculation of the effect of mutual "entrainment" on the Wiedemann-Franz law for semiconductors /Raschet vlianiia vzaimnogo "uvlecheniia" na zakon Videmana-Frantsa dlia poluprovodnikov/. 13 p2181 A67-27280
- SAIVA, G.
Direct diabatic hydraulic analogy. 04 p0604 A67-14838
- SAJBEN, M.
Measurement of the growth of a turbulent mercury jet in a coaxial magnetic field. 06 p1040 A67-18130
- SAK, J.
Excitonic effects in the interband absorption of semiconductors. 04 p0676 A67-14926
- SAKAI, H.
Absorption coefficient and photoionization yield of no in the region 580-1350 angstrom units. 10 p1681 A67-22738
- SAKAI, Y.
Piezoresistive elements of germanium thin films. 05 p0871 A67-17481
- SAKAKIBARA, Y.
Studies on the convective heat transfer from rotating disk. I. 13 p2221 A67-26531
- SAKALAUSKAITE, D. A.
Features of the physical properties of thin layers of the system CdTe-metal /In, Cu, Au/ /Osobennosti fizicheskikh svoystv tonkikh sloev sistemy CdTe-metal /In, Cu, Au/. 20 p3513 A67-37448
- SAKALAUSKAS, K. I.
Variation of certain parameters in junction semiconductors with passage of time /Izmenenie nekotorykh parametrov poluprovodnikovyykh triodov s techeniem vremeni/. 20 p3401 A67-37450
- SAKAMOTO, Y.
Nonlinear interaction of magnetoplasma with electromagnetic wave. 17 p2903 A67-32876
- SAKATA, M.
Creep in rotating disks in transient period. 17 p2960 A67-32687
- SAKHAROV, A. D.
Magnetotomplisive generators. 05 p0786 A67-16365
- SAKHAROV, B. I.
Strength analysis of the flat bottoms of airtight aircraft cabins and compartments /O raschete na prochnost' ploskikh dnishnykh germeticheskikh kabin i otkosov letatel'nykh apparatov/. 21 p3724 A67-38784
Investigation of the stability of thin-walled closed shells under internal load and bending /Issledovanie ustoiichivosti tonkostennykh zamknutykh obolochek pri deistvii vnutrennego davleniia i izglba/. 21 p3724 A67-38785
- SAKHAROV, I. E.
Microwave radiation from a beam-plasma system in a magnetic field. 19 p3291 A67-35383
- SAKHAROV, O. O.
Investigation of fast ions produced in the interaction between escaping electrons and a plasma /Doslidzhennia shvidkikh ioniv, yak vinikalut' pri vzaemodii tikaluchikh elektroniv z plazmou/. 13 p2164 A67-26402
- SAKHAROVA, N. A.
Production of Fourier holograms with the aid of a pulsed ruby laser. 12 p1939 A67-25335
- SAKHIEV, A. S.
Calculation of the evaporation process of particles in a high-temperature gas stream under nonadiabatic conditions /K raschetu protessa ispareniiia chastits v vysokoteraturnom potoke gaza v neadiabaticeskikh usloviakh/. 08 p1428 A67-21424
- SAKHOVSKII, E. G.
Viscous friction and heat flux for a partially ionized medium flowing in a plane channel with allowance for anisotropy of the transport coefficients. 04 p0666 A67-15189
- SAKOV, A. A.
Certain properties and applications of a nonholonomic trihedron /O negolononnom trekhgranikke, nekotorye ego svoista i primenenie/. 24 p4188 A67-42302
- SAKOVICH, I. S.
Study of the vital activity of Chlorella under space-flight conditions /Issledovanie zhiznedatel'nosti Khlorelli v usloviakh kosmicheskogo poleta/. 20 p3367 A67-36256
- SAKOVICH, V. A.
Calculation of the derivatives of a radiation dose by the Monte Carlo method in the optimization of the shape and composition of radiation-protection shields /Vychislenie proizvodnykh dozy metodom Monte-Karlo dlia optimizatsii formy i sostava radiatsionnoi zashchity/. 21 p3577 A67-38425
- SAKRISON, D. J.
Processing of telemetry data generated by sensors moving in a varying field. 12 p1905 A67-25779
Stochastic approximation - A recursive method for solving regression problems. 12 p1907 A67-25989
- SAKSONOV, P. P.
Ensuring radiation safety during flights of the spaceships "Voskhod" and "Voskhod 2" /Obespechenie radiatsionnoi bezopasnosti pri poletakh korabeli "Voskhod" i "Voskhod-2"/. 02 p0308 A67-12321
The use of radioprotective drugs in space-flight conditions. 12 p1902 A67-25654
Remote responses of the hemopoietic tissue to proton and X-ray irradiation under acceleration /Otdalennye reaktsii krovetvornoi tkani na obluichenie protonami i Kh-luchami v kombinatsii s gravitatsionnymi nagruzkami/. 13 p2057 A67-26458
Provision for radiation safety in flights of "Voskhod" and "Voskhod-2" ships. 14 p2256 A67-27863
Biological investigations on the "Voskhod" and "Voskhod-2" space-ships. 14 p2254 A67-27864
State of reactivity of an organism under the complex effect of several space flight factors /Sostoiianie reaktivnosti organizma pri kompleksnom vozdeistvii nekotorykh faktorov kosmicheskogo poleta/. 16 p2611 A67-30765
Further investigations of the complex effect of ionizing radiation and accelerations on an organism in association with space flights /Dal'nieshe issledovaniia kompleksnogo vozdeistviia na organizm ionizirushchego izlucheniia i uskorenii v

- svlazi s kosmicheskimi
poletami/. 24 p4113 A67-42393
- SAKURABA, I.**
Equivalent resistance of CEF
photodetectors. 09 p1479 A67-22278
- SAKURAI, K.**
Tunable infrared maser
spectrometers. 04 p0632 A67-14764
On the large-scale structure of the sun's
magnetic fields during the declining and
minimum phases of the solar activity
cycles. 10 p1700 A67-23055
On the role of electric fields for the
acceleration of energetic particles in solar
flares. 10 p1700 A67-23056
Yearly variation of solar activity related
to cosmic-ray flares during the last solar
cycle, 1954-1964. 22 p3874 A67-40045
- SAKURAI, T.**
A design method for variable-capacitance
diodes with an m-th power characteristic for
a wide voltage range. 09 p1476 A67-22213
The relation between the geomagnetic
storms and the interplanetary sector
structure. 11 p1786 A67-24331
- SAKURAI, T. T.**
Stress-rupture and tensile test techniques
for single boron filaments at room and
elevated temperatures. 03 p0455 A67-13445
- SAKURAI, Y.**
Worm motion of domain walls in
Permalloy films. 22 p3860 A67-39901
- SAKVARELIDZE, I. I.**
Investigation of high-energy muons by
means of a complex installation
/Issledovanie mionov vysokikh energii s
pomoshch'yu kompleksnoi ustanovki/.
02 p0317 A67-12770
Method of determining the total number
of particles and the coordinates of the axis-
passage point for an extensive atmospheric
shower of cosmic radiation /Ob odnom
metode opredeleniya polnogo chisla chastits i
koordinat tochki prokhozhdeniya osi
shirokogo atmosfernogo livnia kosmicheskogo
izlucheniya/. 03 p0507 A67-14059
Investigation of high-energy muons by
means of a complex installation. 22 p3877 A67-40272
Investigation of the effective cross section
of the production of lambda super 0, K
super 0 sub 1, and sigma super plus minus
particles during interactions between cosmic
rays and nuclei of carbon, copper, tin, and
lead /Issledovanie effektivnogo
poperechnogo secheniya obrazovaniya lambda
super 0, K super 0 sub 1 - i sigma super
plus minus chastits v protsessakh
vzaimodeystviya kosmicheskikh luchei s
ladami ugleroda, medi, olova i
svintsa/. 24 p4220 A67-42851
Investigation of the penetrating
component of cosmic rays at a depth of 130
mwe /Issledovanie pronikalushchei
komponenty kosmicheskikh luchei na glubine
130 m v. e./. 24 p4222 A67-42878
- SALABA, J.**
Contribution to the synthesis of control
systems /Prispevek k synteze regulacnich
obvodov/. 06 p0978 A67-18559
- SALAMA, A. E.**
Stability of multilayer sandwich
plates. 15 p2577 A67-30267
- SALAMA, C. A. T.**
Structure, conductivity and Hall effect of
electron bombardment evaporated silicon
films on sapphire. 11 p1845 A67-24141
Evaporated silicon thin-film
transistors. 13 p2083 A67-27573
- SALAMON, H.**
SAP 200 - A radar image display layout
for aircraft safety /SAP 200 - Ein
Schirmbildarbeitsplatz fuer die
Flugsicherung/. 15 p2468 A67-30129
- SALAMON, T.**
Michelson Interferometer used as a
tunable mirror in laser
resonators. 23 p4013 A67-40902
- SALAND, H.**
Distributed errors in orbit
transfer. 20 p3527 A67-37259
- SALANECK, W.**
Magnet-quantum-electric effect in solid-
state plasmas. 13 p2184 A67-27691
- SALANSKII, N. M.**
Concerning nucleation incident to pulse
switching of thin films. 08 p1387 A67-20603
Quasi-equilibrium states in pulse switching
of thin ferromagnetic
films. 08 p1387 A67-20604
Multilayer thin-film
- systems. 08 p1369 A67-20811
- SALAT, A.**
Nonlinear incoherent light
scattering. 17 p2901 A67-32354
- SALATHE, E. P.**
Dissipative wave propagation in
compressible magnetohydrodynamics.
11 p1825 A67-23867
Boundary-value problems in compressible
magnetohydrodynamics. 21 p3660 A67-37742
- SALAUEN, P.**
Some spectral functions compatible with
Helsenberg's theory in axisymmetric
turbulence. [ONERA-TP-461] 15 p2470 A67-29381
- SALDIVAR, J. T.**
Exposure of men to intermittent photic
stimulation under simulated IFR
conditions. 17 p2807 A67-31966
- SALE, B.**
MHD conversion fluid obtained by
combustion of hydrocarbons /Le fluide de
conversion M.H.D. obtenu par combustion
des hydrocarbures/. 24 p4099 A67-42415
- SALERNO, V. L.**
An analytical and experimental evaluation
of the damping capacity of sandwich beams
with viscoelastic cores.
[ASME PAPER 66-WA/UNT-3] 04 p0713 A67-15382
- SALGANIK, R. L.**
Kinetics of crack propagation - General
concepts - Near-equilibrium cracks /O
kinetike rasprostraneniya treshchin -
Obshchie predstavleniya - Treshchiny, blizkie
k ravновесnym/. 03 p0529 A67-14166
Kinetics of crack propagation - Conditions
of fracture and endurance limit /O kinetike
rasprostraneniya treshchin - Uslovia
razrusheniya i dlitel'naya
prochnost'/. 06 p1106 A67-18626
Crack propagation kinetics - Fluctuation-
induced breakdown /O kinetike
rasprostraneniya treshchin - Fluktuatsionnoe
razrushenie/. 12 p2029 A67-25668
The kinetics of fracture propagation -
Commentary on the rule of damage
summation /O kinetike rasprostraneniya
treshchin - Zamechanie o pravile
summirovaniya
povrezhdaemostei/. 15 p2576 A67-30183
- SALIGA, T. V.**
An 8 bit, biorthogonal telemetry system
with efficient and flexible sync for space
communications. 14 p2271 A67-28695
- SALIHA, R. N.**
Mass and its relation to velocity /O masse
i ee svlazi so skorost'yu/. 22 p3837 A67-39879
- SALIMOV, R. A.**
Excitation of ionic sound waves in
potassium and cesium
plasma. 09 p1544 A67-21853
Current instability in an inhomogeneous
plasma /Tokovaya neustoiichivost' v
neodnorodnoi plazme/. 10 p1685 A67-23461
The investigation of inhomogeneous
plasma instabilities. 11 p1834 A67-24376
The current instability in the potassium
plasma. 11 p1834 A67-24377
Investigation of the turbulent state of a
plasma during drift instability /Issledovanie
turbulentnogo sostoyaniya plazmy pri
dreifovoi neustoiichivosti/. 14 p2363 A67-29068
Investigation of plasma turbulence due to
the ion-acoustic
instability. 23 p4032 A67-40905
- SALIMZIBAROV, R. B.**
Preliminary results of investigating the
variations in the intensity of cosmic rays by
the Cosmos-25 satellite /Predvaritel'nye
rezultaty issledovaniya variatsii intensivnosti
kosmicheskikh luchei na ISZ
Cosmos-25/. 05 p0878 A67-18092
Cosmic-ray and solar-activity variations
with an eleven-year period /11-Letnie
variatsii kosmicheskikh luchei i solnechnoi
aktivnosti/. 23 p4056 A67-41107
Preliminary results of a study of cosmic
ray intensity variations by means of Kosmos
25. 24 p4213 A67-42768
- SALISBURY, F. B.**
Ratio of blue to red light - A brief
increase following sunset. 11 p1786 A67-24116
- SALISBURY, J.**
The moon's surface. 03 p0512 A67-13892
- SALISBURY, J. W.**
Rapid remote sensing by spectrum
matching technique. II. 08 p1385 A67-20935
Infrared images of Tycho on dark
moon. 09 p1565 A67-22013
Density of the lunar
- soil. 12 p2000 A67-25207
Infrared images - Implications for the
lunar surface. 18 p3134 A67-34537
Limits of lunar soil
density. 23 p4066 A67-41008
- SALISBURY, W. W.**
Generation of light from free
electrons. 03 p0468 A67-13593
- SALISTRA, G. I.**
A theorem of energy and pressure
fluctuation and dissipation /Fluktuatsionno-
dissipativna teorema dlia energii ta
tisku/. 11 p1821 A67-24974
- SALKIND, M.**
Eutectic composites by unidirectional
solidification. 03 p0444 A67-13435
Properties of pyrolytically produced boron
fibers. 06 p1016 A67-17903
Metals with grown-in
whiskers. 10 p1669 A67-23637
Fatigue of boron
filament. 20 p3470 A67-37390
- SALKIND, M. J.**
The effect of elevated-temperature
exposure on the microstructure and tensile
strength of Al sub 3 Ni whisker-reinforced
aluminum. 16 p2690 A67-31372
The effect of fiber orientation and
morphology on the tensile behavior of Al
sub 3 Ni whisker reinforced aluminum.
[ASTM PAPER 3] 18 p3067 A67-34569
- SALKOVA, E. N.**
Spontaneous generation breakdown in a
ruby laser /Ob effekte avtosryva generatsii
v rubinovom opticheskom kvantovom
generatore/. 12 p1953 A67-25445
The effect of generation self-cutoff in a
ruby laser. 21 p3642 A67-38819
- SALLAY, M.**
Extension of Zygmund's approximation
process to two dimensions /Ueber eine
Erweiterung des Zygmundschen
Approximationsprozesses in zwei
Dimensionen/. 14 p2345 A67-28938
- SALLER, E. J.**
Cathodoluminescence detector for the
applied research laboratories electron
microprobe. 16 p2677 A67-31432
- SALLET, D. W.**
Vibration absorber for reducing transient
vibrations /Ein Schwingungstilger zur
Abstimmung von Einschwingvorgaengen/.
10 p1715 A67-22913
- SALMAN-ZADE, R. KH.**
Differential displacements of Fraunhofer
lines in the solar spectrum /O
differentsial'nykh sdvigakh Fraunhoferovykh
linii v spektre solntsa/. 05 p0901 A67-17116
- SALMANOV, V. M.**
Destruction of LiF single crystals under
the effect of laser radiation /O razrushenii
monokristallov LiF pod deystviem lazernogo
izlucheniya/. 01 p0086 A67-10071
Formation of paramagnetic centers in
polymers exposed to the effect of laser
radiation /Vozniknovenie paramagnitnykh
tsentrov v polimerakh, podvergnutykh
deystviu lazernogo
izlucheniya/. 01 p0086 A67-10075
Breakdown in transparent dielectrics
caused by intense laser
radiation. 03 p0439 A67-14367
Kinetics of the formation and healing of
the damage caused by a laser beam in
lithium fluoride single crystals /Kinetika
obrazovaniya i zalechivaniya razrusheniya,
vyzvannogo lazernym luchom, v
monokristallakh fluoristogo
litia/. 05 p0867 A67-17057
Damage produced by a laser beam in a
transparent dielectric. 08 p1337 A67-20840
Fracture of LiF single crystals under the
action of laser radiation. 08 p1339 A67-21454
Laser radiation absorption and
semiconductor breakdown /Pogloshchenie
lazernogo izlucheniya i razrushenie v
poluprovodnikakh/. 15 p2537 A67-29704
Kinetics of the formation and healing of
damage caused by a laser beam in lithium
fluoride single crystals. 15 p2538 A67-29788
Statistical relationships governing the
formation of cracks in
polymethylmethacrylate under the action of
laser radiation. 20 p3473 A67-36161
Absorption of laser radiation and damage
in semiconductors. 24 p4199 A67-41774
- SALMI, E. W.**
A study of a nuclear thermionic
propulsion system.
[AIAA PAPER 67-229] 06 p1029 A67-18519
A look at nuclear thermionic systems.

- [AIAA PAPER 87-498] 18 p3076 A67-33962
Heat-pipe performance in a zero gravity field. 24 p4256 A67-42926
- SALMI, R. J.**
Investigation of a submerged nozzle for solid rockets. 15 p2547 A67-29994
- SALMON, J.**
Contribution to the derivation of a new kinetic equation /Contribution a l'etablissement d'une nouvelle equation cinetique/. 17 p2883 A67-32290
Despun antenna for communication satellites /Antenne contre-rotative pour satellite de telecommunications/. 21 p3591 A67-38205
- SALMONA, A.**
Effect of gravitational scalar field on high-density star structure. 11 p1864 A67-24596
Radiation of gravitational waves in Brans-Dicke general-relativity theory. 21 p3706 A67-38842
- SALNIKOV, G. M.**
Stability and oscillations of a conical shell under combined loads /Ustoichivost' i kolebania konicheskoi obolochki pri kombinirovannykh nagruzkakh/. 04 p0717 A67-15890
- SALOMATOV, V. V.**
Quasi-stationary regime during radiative-convective heating of bodies /O kvazistatsionarnom rezhime pri radiatsionno-konvektivnom nagreve tel/. 10 p1732 A67-23020
Thermal behavior of fuel elements in the case of variable values of the heat-transfer coefficient and ambient temperature /Temperaturnyi rezhim teplovydelalushchikh elementov pri peremennykh znacheniiakh koeffitsienta teploobmena i temperatury vneshnei sredy/. 23 p4082 A67-41286
Relation between temperatures within bodies in processes of nonlinear heat conduction /O zavisimosti mezhdu temperaturami vnutri tel v protsessakh nelineinogo teploprovodnosti/. 24 p4254 A67-42254
On the calculation of the temperature field in solids with variable heat-transfer coefficients. 24 p4256 A67-42591
- SALOMON, P. M.**
A strapdown star tracker for space vehicle attitude control. 19 p3233 A67-35948
- [AIAA PAPER 87-551] 19 p3233 A67-35948
- SALOMONOVICH, A. E.**
Measurements of lunar radio brightness distribution and certain properties of its surface layer. 08 p1390 A67-21023
Statistical estimate of the effect of the accuracy and rigidity of a radio-telescope antenna on its parameters /O statisticheskoi otsenke vlianiia tochnosti i zhestkosti antennoy radioteleskopa na ee parametry/. 08 p1306 A67-21346
Increasing the effective area of a radio-telescope antenna by decreasing the scattering on the struts /O povyshenii effektivnosti ploshchadi antennoy radioteleskopa za schet umen'sheniia rasselaniia na tiagakh/. 08 p1318 A67-21347
Measuring the parameters of narrow-beam antennas in the near zone /K voprosu ob izmerenii parametrov ostronapravennykh antenn v blizhnem zone/. 08 p1306 A67-21348
Radioastronomical methods of antenna measurements. 12 p1915 A67-25842
Statistical estimation of the effect of the precision and rigidity of a radio-telescope antenna on its parameters. 17 p2822 A67-31942
How the effective antenna area of a radio telescope can be increased by decreasing scattering on antenna bracing structures. 17 p2831 A67-31943
Measurement of near-field parameters of pencil-beam antennas. 17 p2822 A67-31944
- SALOMONSON, V. V.**
Anisotropy of reflected solar radiation from various surfaces as measured with an aircraft-mounted radiometer. 01 p0146 A67-10318
- SALOW, H.**
Time behavior of light emitted from CW GaAs-laser diodes /Das zeitliche Verhalten der Lichtemission von kontinuierlich betriebenen GaAs-Laserdioden/. 01 p0088 A67-10243
- SALPETER, E.**
Quasi-stellar objects in universes with non-zero cosmological constant. 11 p1863 A67-24508

- SALPETER, E. E.**
Interplanetary scintillations. 09 p1565 A67-22222
- I. WKB approximation in three dimensions.** 16 p2703 A67-31920
Theoretical high-pressure equations of state including correlation energy. 18 p3104 A67-34594
- SALSBERG, Z. W.**
Cell-cluster development for the pair distribution function - Application to rigid disks at high density. 05 p0758 A67-16129
- SALSER, G. E.**
Characterization of volatilized species from solid propellants. 17 p2927 A67-33028
- SALTANOV, N. V.**
Contribution to the theory of simple waves /K teorii prostykh voln/. 18 p3084 A67-33422
- SALTER, G. R.**
The pulsed inert gas metal-arc welding in thick Titanium alloy. 12 p1950 A67-25738
- SALTSBURG, H.**
Scattering of molecular beams of He, D sub 2, and H sub 2 from the /111/ plane of Ag. 13 p2099 A67-26948
- SALTZMAN, B.**
On the theory of the mean temperature of the earth's surface. 15 p2513 A67-30060
- SALTZMAN, H.**
A new concept for critical speed control. [SAE PAPER 870347] 17 p2865 A67-32989
- SALVADORI, L.**
On the stability of equilibrium in critical gases. 19 p3261 A67-35050
- SALVAT, M.**
Calculation of shock front parameters in a plasma. 12 p1969 A67-25195
Internal resistance and potential fall in MHD generators. 16 p2599 A67-30528
- SALVIGNAC, A.**
Temporary blindness by lightning strike in flight /Cecite temporaire par foudroiement en vol/. 23 p3945 A67-41069
- SALVINSKI, R. J.**
A thermodynamic system for zero-g venting, storage, and transfer of cryogenic propellants. 17 p2954 A67-32074
- SALWEN, H.**
Hydrodynamic stability of a modulated shear flow. 15 p2470 A67-29332
- SALZANO, F. J.**
Dimensionality of superconductivity in graphite lamellar compounds. 07 p1236 A67-20138
- SALZMAN, P. K.**
Recent progress in evaluating the detonation characteristics of solid-composite propellant. 15 p2544 A67-29999
- SALZMAN, R. N.**
Forced resonant nonlinear oscillation of a liquid in a cylindrical tank. 22 p3787 A67-40192
- SALZMANN, E.**
Elastic surface waves in quartz at 316 MHz. 11 p1848 A67-24835
- SALZMANN, G.**
Design of band-pass circuits consisting of line systems with interdigital and comb structure. I, II /Entwurf von Bandpassschaltungen aus Leitungssystemen mit interdigitaler oder kammartiger Struktur. I, II/. 07 p1149 A67-19132
- SAMA, L.**
Practical protective coatings for refractory metal reentry vehicle components. [SAE PAPER 860660] 01 p0094 A67-10618
Oxidation protective coating of aerospace refractory metal components. [ASM PAPER C6-15] 23 p4020 A67-41407
- SAMADAR, S. N.**
Excitation of waves in a compressible partially ionized plasma by sources of different kinds. 05 p0859 A67-17436
Excitation of electro-acoustic lateral waves in a compressible plasma by a non-electromagnetic source. 10 p1683 A67-22865
Effect of using a D.C. magnetic field in a re-entry plasma sheath. 19 p3184 A67-35811
- SAMAHA, A. H.**
Lunar research at the Kottamia observatory. 18 p3020 A67-34310
- SAMAIN, A.**
Acceleration of a plasma in a pinch configuration /Acceleration d'un plasma dans une configuration de striction/. 11 p1828 A67-23893
- SAMARAS, D. G.**
Thermodynamic considerations of thermonuclear space propulsion. 16 p2702 A67-30718

- SAMARDJIEV, D.**
Dependence of the boundary frequencies of the E sub s layer on the solar zenith angle. 01 p0061 A67-11289
On the connection of meteor activity with the occurrence of the sporadic E-layer. 13 p2201 A67-27381
Aspects of the winter anomaly in the ionospheric E-layer. 19 p3225 A67-35617
- SAMARDZHEV, D.**
Appearance of the E sub s layer in the auroral zone. 07 p1178 A67-19823
Winter anomaly in the ionospheric E layer /Zimnata anomalii i ionosferiial sloi E/. 14 p2307 A67-27912
Effect of solar activity on the probability of the occurrence of the E sub s layer at its limiting frequencies in middle latitudes /Vlianie na sl'nchevata aktivnost v'rkhu verolatanostta za polava i v'rkhu granichnite chestotina sloi E sub s pri sredni geografiski shirini/. 14 p2307 A67-27913
Motions of discontinuities in the E layer, obtained from ultrashort-wave diversity-reception data /Dvizheniia neodnorodnostei v sloe E, poluchennye po dannym raznesennogo prema UKV/. 15 p2479 A67-30148
Asymmetry in the diurnal variations of the E layer /Asimetriia v dnevykh izmeneniakh sloa E/. 16 p2668 A67-31895
- SAMARDZHEV, D. T.**
Study of the E sub S layer in middle latitudes by the method of forward ultrashort-wave scattering /Issledovanie sloa E sub S v srednikh shirotakh metodom rasselaniia ukv vpered/. 10 p1630 A67-22792
Some properties of meteoric echoes during forward ultrashortwave scattering /Nekotorye svoistva meteornykh ekho pri rasselanii UKV vpered/. 14 p2383 A67-27924
- SAMARDZIEV, D. T.**
Study of the E sub s layer at middle latitudes by the method of VHF forward scattering. 24 p4149 A67-42128
- SAMARIN, A. M.**
Deoxidative capacity and activity of titanium in nickel-chromium alloys /Raskislitel'naiia sposobnost' i aktivnost' titana v splavakh nikela s khromom/. 09 p1518 A67-21964
- SAMARSKII, A. A.**
Nonlinear effect of the formation of a self-sustaining high-temperature electrically conducting gas layer in unsteady MHD processes /Nelineinyy efekt obrazovaniia samopodderzhivalushchegosia vysokotemperaturnogo elektroprovodnogo sloa gaza v nestatsionarnykh protsessakh magnitnoi gidrodinamiki/. 14 p2355 A67-27839
- SAMEDOVA, F. I.**
Augmentation of resources of raw materials for the production of aviation oil /Uvelichenie resursov syr'ia dlia polucheniia aviamaela/. 04 p0627 A67-14742
- SAMEK, L.**
Contribution to the pulse method of measuring the thermophysical parameters of semiconductors /Prispevek k impulsnim metode mereni termofizikalnih parametru polovodcu/. 09 p1495 A67-21655
- SAMELSON, H.**
Liquid lasers. 15 p2501 A67-30086
- SAMI, S.**
Balance of turbulence energy in the region of jet-flow establishment. 19 p3170 A67-35412
- SAMINADAYAR, K.**
Charge injection into the oxide of a metal-oxide/semiconductor structure /Injection de charges dans l'oxyde d'une structure metal-oxide-semi-conducteur/. 09 p1558 A67-22586
- SAMKO, S. G.**
Reduction of certain integral equations of the first kind in the theory of elasticity and hydrodynamics to equations of the second kind /O svedenii nekotorykh integral'nykh uravnenii pervogo roda teorii uprugosti i gidrodinamiki k uravneniiam vtorogo roda/. 14 p2344 A67-28742
- SAMMET, J. E.**
Formula manipulation by computer. 19 p3187 A67-35679
- SAMODAEV, V. E.**
Small vibrations of fluid in a partitioned cylindrical container /Malye kolebania zhidkosti v tsilindricheskom sosude s peregorodkami/. 22 p3786 A67-40029
- SAMODELOV, I. S.**
The brightness temperature of shock

- waves in xenon and air. 05 p0795 A67-17544
- SAMOILENKO, A. M.**
 Reducibility of a set of ordinary differential equations in the vicinity of a smooth integral manifold /O privodimosti sistem obyknovykh differentsial'nykh uravnenii v okrestnosti gladkogo integral'nogo mnogobrazia/. 04 p0643 A67-14726
- Periodic solutions of nonlinear delay systems /O periodicheskikh resheniyakh nelineynykh sistem s zapazdyvaniem/. 17 p2879 A67-32877
- Construction of solutions of linear differential equations with quasi-periodic coefficients /K voprosu postroyeniya reshenii lineynykh differentsial'nykh uravnenii s kvaziperiodicheskimi koefitsientami/. 17 p2879 A67-32880
- Rotational motions of second-order autonomous systems /O vrashchatel'nykh dvizheniyakh avtonomnykh sistem vtorogo poriadka/. 17 p2885 A67-32883
- The question of substantiating the averaging method for studying oscillations in systems subjected to pulsed action /K voprosu obosnovaniya metoda usredneniya dlya issledovaniya kolebaniy v sistemakh, podverzhennykh impul'snomu vozdeystviyu/. 23 p4027 A67-40925
- SAMOILENKO, I. I.**
 Optimal filtration in spatially distributed systems /Optimal'naya fil'tratsiya v prostranstvenno raspredelennykh sistemakh/. 03 p0391 A67-13181
- Use of a distributed automatic control system in plasma plant stabilization /Primenenie raspredelennoi sistemy avtomaticheskogo regulirovaniya dlya stabilizatsii plazmennyykh ob'ektov/. 15 p2530 A67-29724
- Optimal detection by a spatially distributed receiving system. 20 p3383 A67-37070
- Optimal filtration of a random field by a distributed receiving system /Optimal'naya fil'tratsiya sluchainogo polya raspredelennym priemnym ustroystvom/. 20 p3385 A67-37376
- SAMOILENKO, V. I.**
 Application of balanced-modulated pumping for the improvement of parametron devices /Primenenie balansno-modulirovannoi podkachki dlya usovershenstvovaniya ustroystv na parametronakh/. 18 p3005 A67-33503
- SAMOILOV, A. A.**
 A method for the approximate representation of nonlinearities and application of statistical linearization for the analysis of closed-loop automatic systems. 05 p0781 A67-16254
- SAMOILOV, E. A.**
 Dynamic calculation of spherical shells on digital computers /Dinamicheskiy raschet sfericheskikh obolochek na elektronnykh tsifrovyykh mashinakh/. 21 p3725 A67-38791
- SAMOILOV, E. M.**
 Principles of the physics of semiconductors and semiconductor devices /Osnovy fiziki poluprovodnikov i poluprovodnikovyykh priborov/. 07 p1231 A67-19301
- SAMOILOV, V. B.**
 Utilization of the pyroelectric effect in barium titanate ceramics for recording weak thermal fluxes. 03 p0421 A67-13709
- SAMOILOV, V. P.**
 Chambers with magnetic "transparency," strengthened by glass-fiber-reinforced plastic /Kamery s magnitnoi "prozrachnost'yu", armirovannye stekloplastikom/. 16 p2876 A67-31397
- SAMOILOVA-IAKHONTOVA, N. S.**
 Minor planets /1964/. /Malye planety /1964/. 20 p3522 A67-36615
- SAMOIOLOVICH, A. G.**
 Anisotropy of piezothermal EMF in silicon and germanium /Do pitaniya pro anizotropiyu piezotermo-E.R.S. v kremnii ta germanii/. 20 p3511 A67-37147
- SAMOIOLOVICH, G. S.**
 Overall characteristics of the quasi-steady flow past a cascade of blades of arbitrary profile oscillating with an arbitrary phase shift /Summarnye kharakteristiki kvazistatsionarnogo obtekania reshetki proizvol'nykh profilov, koleblushchikhsya s proizvol'nym sdvigom faz/. 10 p1591 A67-23044
- Resonance effects in an aerodynamic cascade in a sub-or supersonic flow /O rezonansnykh iavleniyakh v aerodinamicheskoi reshetke, obtekaemoi do ili sverkhzvukovym potokom/. 18 p2984 A67-34216
- SAMOIOLOVICH, G. V.**
 Motion of artificial satellites in the earth's gravitational field /Dvizhenie iskusstvennykh sputnikov v gravitatsionnom pole zemli/. 23 p4063 A67-40734
- SAMOKHIN, M. V.**
 Penetration of the solar wind into the geomagnetic field /O proniknovenii solnechnogo vetra v geomagnitnoe pole/. 05 p0884 A67-17120
- Quasi-hydrodynamic approach to the problem of the supersonic plasma flow near a magnetic dipole /O kvazigidrodinamicheskoi podkhode k probleme sverkhzvukovogo techeniya plazmy okolo magnitnogo dipolia/. 06 p1043 A67-18670
- Resonance probe theory. 13 p2119 A67-28559
- Origin of the solar wind /O proiskhozhdenii solnechnogo vetra/. 13 p2194 A67-27340
- Effect of an electric field on the motion of charged particles in an inhomogeneous magnetic field /Vliyanie elektricheskogo polya na dvizhenie zarlyazhennykh chastits v neodnorodnom magnitnom pole/. 16 p2740 A67-31885
- Effect of the continuous spectrum of particles injected into the magnetosphere on the size and shape of the forbidden band /Vliyanie nepreryvnogo spektra inzhektiruemyykh v magnitosferu chastits na velichinu i formu zapreshchennoi zony/. 17 p2841 A67-32244
- Penetration of the solar wind into the geomagnetic field. 21 p3698 A67-38463
- Effect of a constant electric field on the motion of charged particles in a dipole magnetic field /Vliyanie postolannogo elektricheskogo polya na dvizhenie zarlyazhennykh chastits v dipol'nom magnitnom pole/. 21 p3621 A67-39015
- SAMOKHVALOV, A. A.**
 Magnetic, microwave and electric properties of some oxide compounds of divalent europium. 16 p2733 A67-31732
- SAMOSUDOV, B. E.**
 Energy spectra of avalanche electrons in various substances with consideration of the polarization of the medium and multiple scattering /Energeticheskie spektry lavinnykh elektronov v razlichnykh veshchestvakh s uchetom polarizatsii sredy i mnogokratnogo rasselaniya/. 02 p0316 A67-12768
- Energy spectra of shower electrons in different substances taking into account the polarization of the medium and multiple scattering. 22 p3877 A67-40270
- Angular distribution of electrons at various depths in cascade showers /Uglovoe raspredelenie elektronov na razlichnykh glublinakh v kaskadnykh livnakh/. 24 p4221 A67-42872
- Equilibrium angular-distribution functions of cascade electrons in iron and lead /Ravnovesnye funktsii uglovogo raspredeleniya kaskadnykh elektronov v zheleze i svintse/. 24 p4221 A67-42873
- SAMPSON, C. E.**
 Earth stations for reception of television signals from a stationary satellite. [AIAA PAPER 66-311] 06 p0979 A67-17691
- SAMROV, V. P.**
 Relation between the vortical structure of velds and ocean roughness /O svyazi vikhrevoi struktury oblachnosti s volneniem v okeane/. 04 p0651 A67-15469
- SAMS, J. H., III**
 A study in structural form. 20 p3542 A67-37531
- SAMSON, A. M.**
 Passage of a radiation monopulse through an amplifying and an absorbing medium /O prokhozhenii monimpul'sa izlucheniya cherez usilivalushchuyu i pogloschalushchuyu sredy/. 03 p0374 A67-14329
- SAMSON, C. H., JR.**
 Consistent stiffness matrices in the analysis of shells. 10 p1725 A67-23714
- SAMSON, J. A.**
 Reflectance and relative transmittance of laser-deposited iridium in the vacuum ultraviolet. 18 p3059 A67-33865
- SAMSON, J. A. R.**
 Metal photocathodes as secondary standards for absolute intensity measurements in the vacuum ultraviolet. 03 p0499 A67-13910
- Techniques of vacuum ultraviolet spectroscopy. 20 p3446 A67-36664
- SAMSONENKO, S. V.**
 Correlation-interference direction finding by the equisignal-zone method /O korrelatsionno-interferentsionnom pelengovanii po metodu ravnosignal'noi zony/. 05 p0774 A67-16918
- Comparative characteristics of methods for measuring angular coordinates in the presence of noise. 10 p1607 A67-23450
- On correlation-interference direction finding using the method of equisignal zones. 16 p2623 A67-30895
- SAMSONOV, A. V.**
 A log-periodic spiral element and paraboloid reflector with a frequency coverage of 1-7. 02 p0213 A67-11644
- SAMSONOV, G. B.**
 Physical properties of niobium and tantalum nitrides /Fizicheskie svoystva nitridov nioblia i tantal'a/. 22 p3861 A67-39917
- SAMSONOV, G. V.**
 Role of information of stable electron configurations in the shaping of properties of chemical elements and compounds /Rol' obrazovaniya stabil'nykh elektronnykh konfiguratsii v formirovani svoystv khimicheskikh elementov i soedinenii/. 06 p1035 A67-17843
- Relation between microhardness and microbrittleness and electron structure in refractory compounds /O svyazi mikrotverdsti i mikrokrupkosti tugoplavkikh soedinenii i kh elektronnykh stroenii/. 06 p1015 A67-17846
- Nature of the interaction between zirconium carbide and cesium vapor /O kharaktere vzaimodeystviya karbida tsirkonia s parami tsezila/. 11 p1822 A67-24033
- Preparation and physical properties of alloys of the W-LaB sub 6 system. 13 p2131 A67-26468
- Metallochemistry of germanides. 13 p2175 A67-26469
- Preparation of high-porosity materials from refractory compounds. 16 p2683 A67-31596
- High-temperature nonmetallic thermocouples and sheaths. 19 p3227 A67-34922
- Coatings of High-Temperature Materials. 19 p3244 A67-34956
- Coatings of high-temperature materials. 19 p3244 A67-34957
- Study of the process of activated sintering of tungsten with palladium additives /Issledovanie protsessy aktivirovannogo spekania vol'frama s prisadkami palladiya/. 20 p3466 A67-36910
- The role of stable electron configuration in the origin of the properties of chemical elements and compounds. 20 p3490 A67-37585
- Correlation of microhardness and microbrittleness of refractory compounds with their electronic structure. 20 p3471 A67-37588
- SAMSONOVA, N. N.**
 Effect of vanadium and molybdenum on the properties and phase transformations of the intermetallic compound TiCr sub 2. 16 p2691 A67-31591
- SAMUEL, G. D.**
 Attempts to improve perceptual clarity in an aircraft display. 20 p3375 A67-36873
- SAMUELI, J. J.**
 Study of the equivalence between radiations producing a permanent degradation of the characteristics of silicon transistors obtained by diffusion /Etude de l'equivalence entre les rayonnements produisant une degradation permanente des caracteristiques des transistors silicium obtenus par diffusion/. 17 p2917 A67-32844
- Influence of technology and temperature on the behavior of MOST in the presence of 1-Mev electrons /Influence de la technologie et de la temperature sur la tenue des MOST aux electrons de 1 Mev/. 17 p2918 A67-32852
- Tests of the behavior under radiation of MOSTs in the D2 satellite telemetry coder /Tests de tenue aux radiations des MOST du codeur de telemesure du satellite D2/. 21 p3593 A67-38230
- SAMUELI, J.-J.**
 Neutron induced displacement number in silicon. 03 p0494 A67-13481

- SAMUELSEN, G. S.
Flame-propagation rates in ammonia-air combustion at high pressure. 18 p3110 A67-33844
- SAMUELSON, R. E.
Greenhouse effect in semi-infinite scattering atmospheres - Application to Venus. 09 p1567 A67-22238
On the limb darkening of planetary atmospheres in the thermal infrared. 09 p1567 A67-22240
- SAMUILOV, E. V.
Methods for determining the interaction potentials of atoms, molecules, and ions /Metody opredeleniya potentsialov vzmashchivaniya atomov, molekul i ionov/. 03 p0473 A67-13613
Electron component of transport characteristics in dust-doped gases /Elektronnaya sostavlyayushchaya svoystvo perenosu v zaplyennykh gazakh/. 07 p1225 A67-19118
Trapping cross sections of electrons with respect to spherical particles and thermal ionization of the particles. 12 p1968 A67-25750
Composition and thermodynamic properties of highly ionized gas mixtures /Sostav i termodinamicheskie svoystva sil'no ionizovannykh smesel/. 16 p2720 A67-31387
Thermodynamic and gas dynamic parameters of a low-temperature plasma /Termodinamicheskie i gazodinamicheskie parametry nizkotemperaturnoi plazmy/. 17 p2894 A67-32148
Methods of determining the interaction potentials of atoms, molecules, and ions. 18 p3083 A67-34478
Electronic component of transfer properties in dustladen gases. 21 p3659 A67-38161
- SAMURIN, N. A.
Further studies of ammonium perchlorate composite propellant deflagration by means of burner analog techniques. [AIAA PAPER 67-101] 06 p1073 A67-18472
- SAMYLIN, E. A.
Diagnostic methods of rotating-bearing damage /Metody diagnostiki povrezhdeniya podshlupnikov kacheniya/. 19 p3235 A67-34888
- SAMYLOV, S. V.
Some properties of shock waves produced in air by exploding wires. 09 p1532 A67-22064
- SAN FILIPPO, V. C.
The dilemma of technical obsolescence. [SAE PAPER 670833] 24 p4257 A67-41993
- SAN MIGUEL, A.
Some experimental observations on the stored energy function for small values of strain invariants. [JPL-TR-32-1006] 18 p3145 A67-34486
- SANANES, F.
Approximate determination of the configuration of the detached shock wave, the sonic line, and the pressure distribution on a blunt body in supersonic and hypersonic flows. II - Determination of the sonic line and the pressure distribution on the surface of the obstacle /Determinacion approchee de la forme de l'onde de choc detachee, de la ligne sonique et de la repartition des pressions sur un corps emousse en ecoulement supersonique et hypersonique. II - Determination de la ligne sonique et de la repartition de pression a la surface de l'obstacle/. 02 p0178 A67-12042
- SANATHANAN, C. K.
Hybrid computers in the analysis of feedback control systems. 19 p3189 A67-36068
- SANBORN, W. G.
Metabolic rates during lunar gravity simulation. 13 p2062 A67-26922
- SANCER, M. I.
Biorthogonal expansions for the linearized anisotropic multfluid warm plasma equations. 20 p3503 A67-37711
- SANCHEZ TARIFA, C.
Flame propagation on the interface of a gas and a reacting medium /Propagacion de una llama sobre la superficie de separacion de un gas y un medio reactante/. 09 p1581 A67-22605
Flame propagation along the interface between a gas and a reacting medium. 18 p3151 A67-33816
- SANCHEZ-PALENCIA, E.
Existence and uniqueness theorems for certain nonstationary flows at zero magnetic Reynolds number /Theoremes d'existence et d'unicite pour certains ecoulements non stationnaires a nombre de Reynolds magnetique nul/. 11 p1832 A67-24055
- SANCHEZ, A. D.
Radar observations of Mars and Jupiter at 70 cm. 21 p3706 A67-38617
- SANCHEZ, J.
A previously undescribed meteorite crater in Chile. 02 p0325 A67-11859
- SANCHEZ, M.
Electric field in a p-n abrupt-junction diode as obtained by exact computer solution of the differential equations. 13 p2078 A67-26788
Electron current density and electrostatic potential in a p-n-abrupt-junction diode as obtained by exact computer solution of the differential equations. 14 p2290 A67-28931
- SANDAGE, A.
The correlation of colors with redshifts for OSS leading to a smoothed mean energy distribution and new values for the K-correction. 02 p0322 A67-11686
Examination of the evidence for the existence of pygmy stars. 17 p2945 A67-32645
On the optical search for the X-ray sources Cyg X-1 and Cyg X-2. 17 p2937 A67-32649
- SANDAKOVA, E. V.
Some results of photographic meteor observations in 1957 through 1961 at Kiev /Nekotorye itogi fotograficheskikh nabludenii meteorov v Kieve v 1957-1961 gg./. 13 p2196 A67-26495
- SANDBANK, C. P.
Improving performance and functional flexibility of thin-film and semiconductor integrated circuits. 08 p1301 A67-20791
An assessment of epitaxial gallium arsenide for use in Gunn effect devices. 10 p1616 A67-23534
Domain originated functional integrated circuits. 14 p2281 A67-28022
Automated interconnection processes for semiconductor integrated circuit slices. 14 p2281 A67-28023
- SANDBERG, H. J.
Evaluation of long term gyro drift rate. 17 p2858 A67-32486
- SANDBERG, I. W.
On the sensitivity of channel capacity for the Gaussian bandlimited channel. 04 p0574 A67-15075
A survey of some results on the theory of nonlinear circuits. 14 p2291 A67-28453
- SANDBORN, V. A.
Evaluation of the momentum equation for a turbulent wall jet. 05 p0792 A67-16819
- SANDEJAS, J. S.
Observation of adsorption and crystal nucleation by mass-spectrometric techniques. 23 p4043 A67-41355
- SANDELIN, J. W.
Texture development and crystal perfection in niobium /columbium/ annealed at 2000 deg C. 20 p3470 A67-37391
- SANDER, H. H.
Transient annealing in semiconductor devices following pulsed neutron irradiation. 04 p0684 A67-15693
- SANDER, W. B.
The system/semiconductor interface with complex integrated circuits. 19 p3199 A67-36055
- SANDERCOCK, D. M.
Summary of experimental investigation of three axial-flow pump rotors tested in water. [ASME PAPER 66-WA/FE-24] 24 p4143 A67-42465
- SANDERCOCK, M.
Summary of experimental investigation of three axial-flow pump rotors tested in water. [ASME PAPER 66-WA/FE-24] 04 p0607 A67-15354
- SANDERS, F. C.
Perturbation theory - Application to 2-, 3-, and 4-electron atoms. 02 p0271 A67-12724
- SANDERS, N. L.
Technique for the generation of quasi-isotropic 1-10 Kev proton fluxes. 23 p4001 A67-41225
- SANDERS, T. C.
Low-energy electron and proton satellite instrumentation for auroral studies. 12 p1944 A67-25851
Channel multiplier instrumentation for the measurement of low-energy auroral particles. 12 p1944 A67-25855
- SANDERS, W. A.
Approximate perturbation treatment of H sub 2 super plus. 03 p0474 A67-14333
- SANDERS, W. R.
A meteor burst clock synchronization experiment. 09 p1494 A67-21618
- SANDERSON, J. V.
Design disclosure format for design review and maintainability. 16 p2781 A67-30443
- SANDERSON, R. A.
System selection for a low-temperature fuel cell power plant. 20 p3363 A67-37012
- SANDERSON, R. J.
A shock tube technique for the study of two-dimensional turbulent mixing of non-reacting or reacting gases. 21 p3606 A67-37772
- SANDFORD, B. P.
Polar-glow aurora. 10 p1637 A67-23190
High latitude night-sky emissions. 18 p3037 A67-33610
- SANDLER, L. M.
Investigation of the effect of stresses on the properties of Permalloy films /Issledovanie vliyaniya napriazhenii na svoystva permalloyevykh plenok/. 17 p2920 A67-32889
Effect of stresses on the coercive force of Permalloy films /O vliyanii napriazhenii na koertstivnulu silu permalloyevykh plenok/. 17 p2920 A67-32890
- SANDLER, S. H.
Motion of a near-equatorial lunar satellite. 08 p1383 A67-20582
Dynamic equations for connected rigid bodies. 13 p2212 A67-26838
- SANDLER, S. I.
Transport properties of polyatomic fluids. IV. 04 p0658 A67-15507
- SANDLER, S. S.
Driving-point impedance and current for long resonant antennas. 02 p0212 A67-11605
- SANDLIN, G. D.
Energy distribution in the solar ultraviolet continuum between 1550 and 2100 angstrom units. 24 p4225 A67-41835
- SANDO, K. M.
Spin-projected and extended SCF calculations. 20 p3483 A67-36230
- SANDO, S.
Buckling analysis of sandwich beams with elastic orthotropic cores. 20 p3537 A67-36641
- SANDOMIRSKII, A. B.
Photometric analysis of twilight-halo photographs obtained from the spacecraft Vostok 6 /Fotometricheskii analiz snimkov oreola zari, poluchennykh s kosmicheskogo korabla "Vostok-6"/. 03 p0415 A67-14227
Photometric analysis of photographs of the twilight aureole obtained from the space ship "Vostok-6." 12 p1932 A67-25483
Determination of the altitude variation of the scattering coefficient from photographs of the earth's day horizon obtained from the spaceship "Voskhod." 20 p3432 A67-37238
- SANDOZ, P. L.
Structural considerations for long-haul transport aircraft. [AIAA PAPER 66-882] 03 p0361 A67-14019
- SANDRI, G.
Approach to the N-body problem with hard-sphere interaction applied to the collision domains of three bodies. 01 p0112 A67-10144
An electrostatic model for stellar winds. [AIAA PAPER 67-146] 06 p1088 A67-18476
The physical foundations of modern kinetic theory. 11 p1823 A67-24545
Dynamical evolution of a gas with short-range repulsive forces. 11 p1824 A67-25077
Collision integral for a plasma in a strong magnetic field. 15 p2532 A67-30382
Kinetic thermodynamics. 20 p3543 A67-36185
Uniformization of asymptotic expansions. 24 p4190 A67-43094
- SANDRI, R.
Ignition of the hydrogen-oxygen propellant combination by means of chlorine trifluoride. 10 p1697 A67-23132
Some considerations on the use of a pressurized tank system for a rocket engine. 24 p4241 A67-42754
- SANDROCK, G. D.
Effect of cold reduction on precipitation and embrittlement of a cobalt-base alloy /L-605/. 04 p0639 A67-15457
Development of a Co-W ferromagnetic, high-temperature, structural alloy. 24 p4174 A67-42726
- SANDS, E. E.
Energy spectrums mean and eddy kinetic energies of the atmosphere between surface

- and 50 kilometers. 03 p0463 A67-13930
- SANDS, R. L.**
A comprehensive investigation into a nickel-base superalloy from prealloyed powders. 01 p0098 A67-10700
- SANDSTROM, J. D.**
Multikilowatt solar arrays. 23 p3939 A67-41512
A method for predicting solar cell current-voltage curve characteristics as a function of incident solar intensity and cell temperature. 23 p3939 A67-41513
- SANDULESCU, S.**
Considerations on quasi-conical flow /Consideratii asupra miscarii cvasiconice/. 05 p0749 A67-16843
Deformation of a jet layer laterally bordering a wing placed in an incompressible flow /Sur la deformation d'une nappe de jet qui borde lateralement une alle placee dans un ecoulement incompressible/. 09 p1439 A67-22578
- SANDULOVA, A. V.**
Tensometric properties of silicon whiskers and acicular single crystals /Tenzometricheskie svoystva nitevidnykh i igol'chatykh monokristallov kremniia/. 18 p3097 A67-33473
Investigation of the performance of silicon AC strain gages operating in the static and dynamic modes /Issledovanie raboty kremnievykh tenzodatchikov na peremennom toke v staticheskoi i dinamicheskoi rezhimakh/. 22 p3798 A67-39569
- SANEMATSU, H. S.**
A conformal mapping approach to the blunt body problem. 23 p3932 A67-41730
- SANFORD, P. W.**
A measurement of the solar X-ray flux in the wavelength range below 5 angstrom units. 16 p2739 A67-31411
A proportional counter spectrometer for the study of the solar soft X-ray spectrum. 20 p3448 A67-36960
- SANGER, M. J.**
Filament-wound structures. 11 p1811 A67-25008
- SANGSTER, D. K.**
Microsphere ablation in a free-flight range. 19 p3346 A67-35757
- SANI, R. L.**
Remarks on the Benard and related stability problems. 01 p0053 A67-10801
- SANICOLA, P.**
Cryogenic helium pressurization system for the descent stage of the Lunar Excursion Module /LEM/. 22 p3749 A67-40394
- SANIN, A. A.**
Method of analog-to-digital conversion for measuring weak currents over a large dynamic range /Metod analogovo-tsifrovogo preobrazovaniia pri izmerenii slabyykh tokov v bol'shom dinamicheskom diapazone/. 16 p2635 A67-30672
Methods of constructing satellite onboard multichannel systems for preliminary information processing /Metody postroyeniia mnogokanal'nykh bortovykh sistem predvaritel'noi obrabotki informatsii na sputnikakh/. 16 p2633 A67-30673
- SANKAR, T. S.**
Dynamic snap-through of shallow arches under stochastic loads. 10 p1725 A67-23711
- SANKARANARAYANAN, R.**
Limit analysis of non-homogeneous shells of revolution. 03 p0523 A67-13501
Phase interphases for inhomogeneous shells of revolution /Powierzchnie graniczne dla niejednorodnych powlok obrotowych/. 05 p0917 A67-16244
A note on the creep analysis of circular cylindrical shells. 05 p0917 A67-16299
Yield surfaces for non-homogeneous anisotropic shells of revolution. 10 p1719 A67-23544
- SANKOVSKII, E. A.**
Statistical investigation of standard-model-reference adaptive systems /K voprosu o statisticheskoi issledovanii samonastroyalushchiesia sistemy /SNS/ s etalonnoi model'iu/. 23 p3985 A67-41675
- SANN, R. I.**
The reciprocal theorem for harmonic oscillations of an elastic, isotropic medium. [ASME PAPER 65-WA/MD-21] 03 p0525 A67-13832
- SANNEMAN, R. W.**
Random characteristics of the type II phase-locked loop. 18 p3017 A67-34104
- SANNES, T.**
Tiny thermocouples - Advances in design extend applications. 10 p1656 A67-23080
- SANOCHKIN, I. U. V.**
Nonisothermal flow of a plasma in a plane MHD channel /Nelzotermicheskoe techenie plazmy v ploskom MGD-kanale/. 06 p1045 A67-18811
Stability of a nonisothermal plasma flux in a flat MHD channel /Ob ustoiichivosti nelzotermicheskogo techenia plazmy v ploskom MGD-kanale/. 11 p1842 A67-24950
Dissipative instabilities in magnetohydrodynamics. 16 p2723 A67-31578
- SANSEVERO, V. J., JR.**
Development of a lumped parameter model for a monopropellant hydrazine reaction chamber. 17 p2927 A67-31974
- SANTAMARIA, L. J.**
Physiological assessment of ventilated wet suits under different environmental conditions. 23 p3967 A67-41614
- SANTELER, D. J.**
Vacuum Engineering. 23 p4028 A67-41353
- SANTINI, F.**
Entropy and stability of plasma equilibrium configurations. 12 p1977 A67-26227
The thermodynamics of a collisionless plasma at equilibrium in a magnetic field. 19 p3298 A67-35731
- SANTINI, P.**
Critical heating conditions in the reentry of hypersonic gliders. I /Condizioni critiche di riscaldamento nel rientro dei veleggiatori ipersonici. I/. 06 p1113 A67-17981
Critical heating conditions in the reentry of hypersonic gliders. II /Condizioni critiche di riscaldamento nel rientro di veleggiatori ipersonici. II/. 11 p1869 A67-24092
Contribution to the study of "panel flutter" /Contributo allo studio del "panel flutter"/. 15 p2575 A67-29858
- SANTOSHAM, T. V.**
Cylinders of rectangular section as aeroelastic nonlinear oscillators. [ASME PAPER 67-VIBR-50] 11 p1777 A67-24200
- SANTY, M. J.**
The combustion of bulk beryllium metal in the H sub 2 - O sub 2 - H sub 2 O system. 18 p3151 A67-33809
- SANWALD, R. C.**
Computer simulation of field ion images. 17 p2887 A67-32205
Computer-simulated ion-emission images of dislocations - Screw dislocation at the center of /420/. 19 p3286 A67-35603
A method for indexing field ion micrographs. 24 p4154 A67-42173
- SANYASI RAO, A.**
Effect of magnetic activity on horizontal drifts in the E-region at a low latitude station. 03 p0413 A67-13684
- SAO, K.**
Sea phenomena in ELF atmospherics. 01 p0060 A67-11240
Correlation between solar activity and the atmospheric potential gradient at the earth's surface in the polar regions. 07 p1172 A67-19423
Correlation between solar activity and the atmospheric potential gradient at the earth's surface in the polar regions. 14 p2306 A67-27884
- SAPA, V. A.**
Particular cases of the integration of the equations of motion of a heavy solid body of variable mass, having one fixed point and cavities completely filled with a fluid /Chastnye sluchai integrirvaniia uravnenii dvizheniia tiazhelogo tverdogo tela peremennoi massy s odnoi zakreplennoi tochkoi, imelushchego polosti, tselkom zapolnennnye zhidkost'iu/. 18 p3080 A67-34604
- SAPARIN, G. V.**
Investigation of p-n junctions by means of a scanning microscope with electron and ion bombardment of the semiconductor specimen. 13 p2120 A67-27069
Observation by means of a scanning electron microscope of p-n junctions subjected to small periodic changes of bias. 13 p2177 A67-27072
- SAPIRO, M. A.**
The parabola test for absolute stability. 19 p3199 A67-34785
- SAPOGIN, L. G.**
Trapping of particles by waves. 23 p4017 A67-41681
- SAPOZHNIKOVA, V. A.**
Experimental investigation of the absorption of the emission from a 1.15-mu gas laser in the atmosphere /Eksperimental'noe issledovanie pogloshcheniia izlucheniia gazovogo lazera s dlinoi volny 1,15 mk v atmosfere/. 20 p3386 A67-37606
- Experimental investigation of the absorption of the radiation of gas lasers with wavelengths of 3.39 and 3.51 mu in the atmosphere /Eksperimental'noe issledovanie pogloshcheniia izlucheniia gazovykh lazerev s dlinami voln 3,39 i 3,51 mkm v atmosfere/. 20 p3463 A67-37668
- SAPP, T. P.**
Systems application in orbital launch operations. [AIAA PAPER 66-908] 03 p0519 A67-14132
- SAPSFORD, C. M.**
Measurement of solar radiation by silicon solar cell. 03 p0419 A67-13079
- SAPUNOV, I. U. M.**
Some results of a study of the pulsed argon laser. 03 p0438 A67-14188
- SARABHAI, V.**
Consequences of the distribution of galactic cosmic-ray density in the solar system. 20 p3520 A67-37474
- SARABHAI, V. A.**
Short-period variations of cosmic-ray intensity. 19 p3315 A67-35537
- SARACHIK, P. E.**
An improved procedure for designing self-optimizing type-one systems. 18 p2649 A67-31666
- SARAEV, S. I.**
Measurement of the spectral density of the oscillations of microwave oscillators. 08 p1302 A67-20833
- SARAGA, W.**
New class of time-varying filters. 13 p2078 A67-26787
A practical tantalum thin-film single-sideband demodulator using RC time-varying and active networks. 17 p2825 A67-32600
- SARAMES, G. N.**
Urban public resources and VTOL terminals. [AIAA PAPER 67-829] 24 p4259 A67-42975
- SARANICHEV, A. F.**
Polynomial solutions for a set of equations of thermoelastic equilibrium of an anisotropic plate /O polinomial'nykh resheniiakh sistemy uravnenii termoprugogo ravnovesiia anizotropnoi plastinki/. 10 p1718 A67-23405
- SARASON, L.**
Elliptic regularization for symmetric positive systems. 13 p2147 A67-27178
- SARAZIN, A.**
Neutron induced displacement number in silicon. 03 p0494 A67-13481
Study of the equivalence between radiations producing a permanent degradation of the characteristics of silicon transistors obtained by diffusion /Etude de l'equivalence entre les rayonnements produisant une degradation permanente des caracteristiques des transistors silicium obtenus par diffusion/. 17 p2917 A67-32844
Tests of the behavior under radiation of MOSTs in the D2 satellite telemetry coder /Tests de tenue aux radiations des MOST du codeur de telemesure du satellite D2/. 21 p3593 A67-38230
- SARBEI, O. G.**
Piezoresistance on p-germanium /Piezowiderstand von P-Germanium/. 07 p1233 A67-19644
- SARD, E.**
Ultra-low-noise amplifier using a positive resistance up-converter. 01 p0034 A67-10106
A positive resistance up-converter for ultra-low-noise amplification. 08 p1304 A67-21222
- SARDARIAN, V. S.**
On the structure of the bottom of the conduction band in GaAs. 03 p0487 A67-12806
Phenomenological theory of the longitudinal Hall effect. 04 p0681 A67-15291
Theory of the electron energy spectrum of doped semiconductors. 04 p0681 A67-15296
The structure of the conduction band and the anisotropy of the electron scattering in n-GaAs. 06 p1064 A67-18943
- SARGEANT, P. N.**
The transmission of radar information by wideband microwave links. 09 p1465 A67-22637
- SARGENT, D. H.**
The lunar module propulsion systems testing at WSTF. [AIAA PAPER 67-258] 07 p1166 A67-20073

- SARIDIS, G. N.**
A computational method for the optimal control problem with bounded state variables. 02 p0228 A67-12148
Algorithm for worst error in linear systems with bounded input and its rate of change. 15 p2457 A67-29367
Design of approximately optimal feedback controllers for systems with bounded states. 24 p4134 A67-42178
- SARIN, S. L.**
Kinetic theory of shock-structure using small perturbation technique. 22 p3782 A67-39196
- SARIOGLU, M. K.**
A procedure of synthesis of linear control systems. 20 p3413 A67-37679
- SARJEANT, W. J.**
Time dependence of the power output at 119 μ in a water vapor laser. 11 p1801 A67-24728
- SARKADY, A. A.**
The 0.5 Mev gamma ray flux and the energy loss spectrum in CsI/tl/ at 4 g/cm super 2. 16 p2739 A67-31406
- SARKAR, S.**
Satellite ORBIS experiment. [RASSA PAPER 1-10-146] 03 p0373 A67-14253
- SARKAR, S. K.**
Thermoelastic bending of a solid circular plate of variable thickness. 06 p1105 A67-18581
- SARKISIAN, I. A.**
Silicon diodes with a controlled differential negative resistance /Kremlevye diody s upravlaemym differentsial'nym otritsatel'nym soprotivleniem/. 20 p3397 A67-36696
- SARKSIAN, K. A.**
Radiative acceleration of plasma /Radiatsionnoe uskorenie plazmy/. 17 p2904 A67-32915
- SARLAT, I. M.**
Interaction of plasma bunches with a high-power microwave. 19 p3291 A67-35384
- SARLAT, I. M.**
Solid boost thrust decay control for stage separation. [AIAA PAPER 66-971] 02 p0304 A67-12293
- SARMA, L. V. K. V.**
Comment on "duct-flow of conducting fluids under arbitrary oriented applied magnetic field." 12 p1978 A67-25941
- SARMA, N. V.**
Direct evidence for the laminar and flux line models of mixed state in type II superconductors. 21 p3681 A67-38351
High resolution bitter patterns on superconductors. 23 p4035 A67-40652
- SARMA, V. V. S.**
Performance evaluation of optimal linear systems. 23 p3985 A67-41161
- SARMA, Y. R.**
Estimation in stochastic processes /Estimation dans les processus stochastiques/. 09 p1525 A67-22587
- SARMANOV, O. V.**
Comment on uncorrelated Gaussian dependent random variables /Zamechania o nekorrelirovannykh Gaussovskikh zavisimyykh sluchainyykh velichinakh/. 12 p1960 A67-25313
- SARNER, S. F.**
Designing propellants for gas generators. 15 p2544 A67-29980
Improved solid propellants for moderate-temperature gas generators. 24 p4207 A67-42921
- SAROA, M. S.**
Flow of a second-order fluid near a spinning cone. 06 p0992 A67-18868
- SAROFIM, A. F.**
Radiative transfer in an absorbing-scattering medium. 04 p0737 A67-15862
The role of scatter in determining the radiative properties of surfaces. 11 p1817 A67-24052
Radiative transfer in anisotropically scattering media - Allowance for Fresnel reflection at the boundaries. [ASME PAPER 67-HT-19] 20 p3545 A67-36714
- SARON, R.**
Frequency variation of a Q-switched laser by a phthalocyanine solution /Variation de frequence d'un laser declenche par une solution de phthalocyanine/. 17 p2868 A67-32705
- SARPKAYA, T.**
Forced and periodic vortex breakdown. [ASME PAPER 66-WA/FE-7] 04 p0611 A67-15928
A theoretical and experimental study of vortex rate gyro. 14 p2318 A67-28340
- SARRAFIAN, A. H.**
A versatile stellar-referenced inertial platform. 08 p1331 A67-20699
- SARTOR, J. D.**
Theoretical collision efficiencies for small cloud droplets in Stokes flow. 23 p4024 A67-40636
- SARTORY, W. K.**
Hydromagnetic stability of dissipative flow between rotating permeable cylinders. I. 06 p1040 A67-18129
- SARYCHEV, V. A.**
Passive methods of satellite stabilization /Passivnye metody stabilizatsii sputnikov/. 16 p2780 A67-30740
Positions of reciprocal equilibrium for two bodies connected by a spherical hinge on a circular orbit /Polozhenia otosnitel'nogo ravnovesia dvukh tel, soedinnennykh sfericheskimi sharnirov, na krugovoi orbite/. 17 p2954 A67-32242
The conditions of stability of a gravity-stabilization system with gyro-damping. 22 p3898 A67-39187
- SARYCHEV, V. P.**
Quantitative methods of studying inhomogeneities in transparent media with the aid of IAB-451 shadow device /Kolichestvennye metody issledovaniia neodnorodnostei v prozrachnykh sredakh pri pomoshchi tenevogo pribora IAB-451/. 19 p3228 A67-34985
- SARYCHEVA, L. I.**
Transverse pulse /Poperechnyi impuls/. 02 p0271 A67-12752
Certain peculiarities of the interaction of pions and nucleons with nuclei /Nekotorye osobennosti vzaimodeistviia pionov i nuklonov s iadrami/. 02 p0316 A67-12761
Transverse momentum. 22 p3841 A67-40254
Some peculiarities of interaction of pions and nucleons with nuclei. 22 p3876 A67-40263
Angular distribution of secondary particles in showers /Uglovoe raspredelenie vtorichnykh chastits v livnlakh/. 24 p4217 A67-42829
Study of asymmetrical showers /K voprosu ob asimmetrichnykh livnlakh/. 24 p4218 A67-42838
- SARZHEVSKII, A. M.**
Width of the generation spectrum of a ruby laser /O shirine spektra generatsii OKG na rubine/. 12 p1952 A67-25325
- SASAJIMA, T.**
Curved flow effect in the lifting-surface theory of propellers of wide blade. 05 p0791 A67-18427
- SASAKI, A.**
Observation of electron flux by L-3 rockets. 01 p0144 A67-10564
Noise-figure expressions for crossed-field amplifiers. 13 p2079 A67-28874
Conditions for space-charge-wave growth and differential negative resistance in "two-valley" semiconductors. 15 p2442 A67-29179
- SASAKI, F. T.**
An analytic investigation of the escape problem using tangential thrust. [AAS PAPER 66-120] 07 p1254 A67-19979
An analytic investigation of the escape problem using tangential thrust. [AAS PAPER 66-120] 13 p2209 A67-27534
- SASAKI, H.**
Negative feedback amplifier in semiconductor integrated circuit. 01 p0040 A67-11241
Electrical properties of metal thin films which are evaporated on a rotating cylindrical substrate. 16 p2727 A67-30899
- SASAKI, M.**
Analysis of reliability and maintainability models. 05 p0813 A67-17252
- SASAKI, R. M.**
Molecular weight and amino acid composition of chromatium ferredoxin. 24 p4113 A67-42653
- SASAKI, T.**
Fundamental research on gear lubrication. 02 p0250 A67-12499
Characteristics of ionospheric E sub s propagation and calculation of E sub s signal strength. 04 p0576 A67-15503
- SASAKI, W.**
Negative magnetoresistance in the metallic impurity conduction. 06 p1087 A67-18965
Electric conduction phosphorus doped silicon at low temperatures. 14 p2365 A67-28232
- SASAKI, Y.**
Some dynamical aspects of atmospheric convection. 09 p1491 A67-21553
MHD power generation experiments with potassium-seeded argon plasmas. 16 p2601 A67-30554
- SASAMI, T.**
Electrical conduction through thin films of tantalum oxide. 05 p0862 A67-16525
- SASANO, T.**
A preliminary experiment on the induction-coupled argon plasma at atmospheric pressure. 06 p1039 A67-18067
- SASANUMA, M.**
Observation of solar VUV radiation with rocket-borne ion-chamber. 05 p0799 A67-16874
- SASHKIN, L.**
A general method of systematic interval computation for numerical integration of initial value problems. 01 p0105 A67-10515
- SASIELA, R.**
Utilization of the refractive index surfaces to evaluate Cerenkov radiation in an infinite magnetoplasma. 18 p3090 A67-34428
- SASLAW, W. C.**
Thermodynamic instabilities in an expanding universe. 15 p2554 A67-29459
On the chemistry of Jupiter's upper atmosphere. 18 p3135 A67-34540
- SASS, A. R.**
Cryotron-based random-access memory. 22 p3764 A67-39898
Flux shuttling - New method for the nondestructive readout of superconductive memory cells. 22 p3765 A67-39899
- SASSER, J. H.**
Selenodesy for the Apollo project. 18 p3132 A67-34329
- SASTRY, CH. V.**
Observations of the polarization of discrete radio sources at 8-cm wavelength. 13 p2206 A67-27483
- SASTRY, M. S.**
Magneto hypersonic boundary-layer flow past a plate. 05 p0794 A67-17361
- SASTRY, P. S. N.**
A note on evaluation of the Richardson number in relation to forecasting clear air turbulence. 05 p0838 A67-16710
- SASTRY, T.**
Converse theorems for conditional stability of motion. 24 p4189 A67-42690
- SASTRY, U. A.**
Pressure drop due to flow in the entrance region of ducts of arbitrary section. 12 p1930 A67-26166
Forced convection problems in elliptic tubes. 20 p3420 A67-36317
- SASTRY, V. A.**
Sub-optimal policies for two classes of control. 04 p0590 A67-14418
- SATAKE, M.**
Bending of circular plates under eccentric moment load. 05 p0918 A67-16419
- SATHER, D.**
Pointwise bounds for the solution of a Cauchy problem in terms of the Cauchy data. 13 p2146 A67-27097
On some improperly posed problems for the Chaplygin equation. 20 p3478 A67-37574
- SATIN, A. L.**
A statistical optimization of the two-impulse transfer maneuver for a fixed-time rendezvous. [AIAA PAPER 67-57] 06 p1029 A67-18266
- SATO, A.**
Echo-suppressor design for space communication. 03 p0371 A67-13990
Echo suppressor design for space communication. 10 p1603 A67-22771
Reliability and cost in microelectronics. 12 p1918 A67-26207
- SATO, C.**
Nonlinear oscillation of a gyroscope and its circuit model. 19 p3227 A67-34843
- SATO, H.**
Effects of impurity-vacancy complex on the degree of compensation in compound semiconductors. 01 p0132 A67-10455
The stability and transition of an axisymmetric wake. 02 p0177 A67-11560
On the effects of Cu on As doped germanium tunnel junctions. 05 p0866 A67-16986
Spanwise distribution of aerodynamic shear and bending-moment on cantilever tapered wings. 13 p2215 A67-26485
The local condensation in the universe and spatial inhomogeneity of cosmic black-body radiation. 19 p3312 A67-34893
- SATO, J.**
An exact two-dimensional incompressible potential flow theory of aerofoil design with

- specified velocity distributions. 09 p1437 A67-21740
- SATO, K.**
Direct observations on precipitation in copper-titanium alloys. 11 p1809 A67-24948
Hot electron plasma produced by axially rising magnetic field. 21 p3667 A67-38413
An experimental study of stagnation ablation on Teflon. 23 p3931 A67-41477
- SATO, M.**
Transition from a moving striation to a helical oscillation in a positive column. 09 p1536 A67-21570
A study on the limit of circulatory lift on wings with finite span. 17 p2789 A67-32035
- SATO, N.**
Excitation of ion waves in a weakly ionized current-carrying plasma. 03 p0476 A67-13354
Low-frequency oscillations in a weakly ionized plasma in crossed electric and magnetic fields. 06 p1046 A67-18827
- SATO, S.**
Studies on the mechanical properties of Japanese beryllium. 13 p2140 A67-27134
Experiments on ionizing shock waves. 21 p3611 A67-37961
- SATO, T.**
Effect of temperature on the Hall coefficient of indium and indium-rich solid solutions. 08 p1371 A67-21438
Asymmetrically fed linear antenna loaded with a loading impedance. 10 p1609 A67-22774
Computer study of nonlinear cross-field instability. 18 p3092 A67-34746
Experimental study of electrostatic ion cyclotron waves in a plasma. 21 p3667 A67-38407
- SATO, Y.**
Preliminary study of the propagation of spheroidal disturbances on the surface of a heterogeneous spherical earth. 02 p0237 A67-11790
Simulation of nonstationary random process. 06 p1109 A67-18839
Rotating strength of high speed rotor. 17 p2961 A67-32688
Propagation of disturbances in a Gutenberg-Bullen A' spherical earth model - Travel times and amplitudes of S waves. [SR-16] 20 p3435 A67-37675
- SATOMI, K.**
Quality control, twin-turboprop utility plane MU-2 - Centering around quality control at the experimental stage. 05 p0812 A67-17245
- SATRE, P.**
Future prospects of aeronautical construction in Europe /Regards d'avenir sur la construction aeronautique en Europe/. 01 p0168 A67-10264
Future prospects of aeronautical construction in Europe /Regards d'avenir sur la construction aeronautique en Europe/. 03 p0537 A67-12966
- SATTERFIELD, D. B.**
Observations on the tensile strength of "amorphous" boron. 23 p4018 A67-40787
- SATTERLEE, H. M.**
Capillary hydrostatics in annular tanks. [AIAA PAPER 66-425] 05 p0793 A67-17218
- SATTERTHWAITE, C. B.**
A superconducting parametric amplifier for the measurement of small DC voltages. 22 p3866 A67-40441
- SATTINGER, D. H.**
On the spectrum of an operator occurring in the theory of hydrodynamic stability. 03 p0402 A67-13172
On the Rayleigh problem in hydrodynamic stability. 13 p2106 A67-27456
- SATTINGER, I. J.**
Manned earth orbital program in earth sensing. 08 p1325 A67-21072
- SAUER, C. G., JR.**
Trajectory analysis and optimization of a low-thrust solar electric Jupiter flyby mission. [AIAA PAPER 67-710] 21 p3706 A67-38737
- SAUER, H. H.**
The influence of the geomagnetic tail on low-energy cosmic-ray cutoffs. 07 p1245 A67-19927
Evidence for nonuniformity of solar-proton precipitation over the polar caps. 22 p3872 A67-39803
- SAUER, R.**
Unsteady problems in gas dynamics /Nichtstationaere Probleme der Gasdynamik/. 04 p0601 A67-14467
- SAUERBREY, G.**
Influence of surface properties on the onset of bremsstrahlung and transient and plasma radiation /Einfluss von Oberflaechenbedeckungen auf die Ausloesung von Uebergangs-, Brems- und Plasmastrahlung/. 02 p0291 A67-11737
- SAUERMANN, H.**
Quantum theory of noise in gas and solid state lasers with an inhomogeneously broadened line. I. 04 p0632 A67-14949
- SAUERWEIN, H.**
Numerical calculations of multidimensional and unsteady flows by the method of characteristics. 16 p2662 A67-31535
- SAUL, E. K.**
Birds and aircraft - A problem at Auckland's new international airport. 15 p2419 A67-29672
- SAUL, J. M.**
Rb-Sr study on country rocks of the Bosumtwi crater, Ghana. 14 p2314 A67-28952
- SAUM, G. H.**
Satellite detection of UHF emissions from cumulus clouds. 22 p3806 A67-40358
- SAUM, R.**
Relationship between demonstrated and operational reliability. 18 p3138 A67-34668
- SAUNDERS, G. A.**
An analysis of the magnetic effect from shower meteors. 14 p2383 A67-28045
- SAUNDERS, G. H.**
Further comments on the lateral-directional stability equations. 17 p2796 A67-32219
- SAUNDERS, K. V.**
Some geometrical aspects of optimal processes. I, II /Quelques aspects geometriques des processus optimaux. I, II/. 19 p3203 A67-35902
- SAUNDERS, L. M.**
Surface wave instability in helicon wave propagation. III. 04 p0665 A67-15119
- SAUNDERS, T. E.**
An integrated 4-GHz balanced transistor amplifier. 17 p2825 A67-32599
- SAUNIER, N.**
Analysis of the alpha particle spectra of the reactions d plus super 7 Li equals n plus 2 alpha and super 6 Li plus t equals n plus 2 alpha /Analyse des spectres des particules alpha des reactions d plus super 7 Li equals n plus 2 alpha et super 6 Li plus t equals n plus 2 alpha/. 13 p2159 A67-26435
- SAUTER, F.**
Influence of plasma waves on the reflectivity of metals. I /Der Einfluss von Plasmawellen auf das Reflexionsvermoegen von Metallen. I/. 19 p3262 A67-35581
The use of conditioned distribution functions in the theory of gas plasmas /Ueber die Verwendung bedingter Verteilungsfunktionen in der Theorie der Gasplasmen/. 21 p3675 A67-38931
- SAUTER, G. F.**
Studies of decaying plasmas produced in neon and helium-neon mixtures. 09 p1548 A67-22360
Studies of decaying helium plasmas. 09 p1548 A67-22361
- SAUTTER, J.-M.**
Design and construction of a very intense source of negative hydrogen ions /H super - / /Conception et realisation d'une source tres intense d'ions d'hydrogene negatifs H super -/. 05 p0851 A67-16597
- SAUZE, J.**
Contribution to the study of the principal properties of serralloy A super I, an Alnico alloy with 38 percent cobalt. 01 p0093 A67-10518
- SAVACCHIO, A.**
An analytical and experimental evaluation of the damping capacity of sandwich beams with viscoelastic cores. [ASME PAPER 66-WA/UNT-3] 04 p0713 A67-15382
- SAVAGE, B. D.**
Radiative lifetimes of ultraviolet multiplets in Si, P, S, O, Ne II, and Ar II. 05 p0892 A67-16411
- SAVAGE, B. R.**
A miniaturized C-band digital latching phase shifter. 08 p1305 A67-21227
S band digital phase shifter designed for half-wave-length stacking in phased array antenna. 22 p3773 A67-39909
- SAVAGE, H. T.**
The Fermi surface of tin telluride - Shubnikov-de Haas effect. 06 p1065 A67-18950
- SAVAGE, J. W.**
Constitution of a portion of the niobium/columbium/nitrogen system. 14 p2337 A67-28419
- SAVAGE, M. D.**
Stationary waves at a plasma-magnetic field interface. 15 p2528 A67-29568
- SAVAGE, W. F.**
Application of the Varestreint technique to the study of weldability. 03 p0430 A67-13694
Effects of constitutional liquation in 18-Ni maraging steel weldments. 22 p3812 A67-39448
- SAVARESE, J.**
Linear amplifiers using continuous redundancy techniques. 19 p3191 A67-34847
- SAVATEEV, I. N.**
The effect of hyperoxia on the formation of toxic lipids in rats /Vlianie giperoksii na obrazovanie toksicheskikh lipidov u krysa/. 24 p4112 A67-41854
- SAVCHENKO, E. V.**
Study of the effect of proton bombardment on the optical constants of thin metallic layers /Izuchenie vlianiia protonnogo bombardirovki na opticheskie postoiannye tonkikh metallicheskikh sloev/. 14 p2373 A67-28855
- SAVCHENKO, I. A.**
Electron oscillations in a plasma. 04 p0666 A67-15181
- SAVCHENKO, IU. G.**
Transfluxor as the self-repair unit of a redundant automata. 20 p3454 A67-37038
- SAVCHENKO, IU. N.**
Attached flow past low-aspect bodies /O bezotryvnom obtekanii tel malogo udlinleniia/. 18 p2981 A67-33420
- SAVCHENKO, M. A.**
Coupled spin, electromagnetic, and plasma waves in ferrites /Sviazannye spinovye, elektromagnitnye i plazmennye volny v ferritakh/. 04 p0686 A67-15973
Interaction between electromagnetic, plasma, and spin waves in antiferromagnetic semiconductors and metals. 09 p1555 A67-22073
- SAVCHENKO, M. M.**
Optical breakdown "fireball" in the focus of a laser beam. 12 p1952 A67-25336
Characteristics of plasmoid motion in longitudinal, transverse, and two-dimensional multipole magnetic fields /Kharakteristiki dvizheniia plazmennogo sguska v prodol'nom, poperechnom i dvumernykh multipol'nykh magnitnykh polakh/. 17 p2904 A67-32916
A light spark in magnetic and electromagnetic fields /Svetovaya iskra v magnitnom i elektromagnitnom polakh/. 19 p3239 A67-35165
Transportation of plasma clusters with the aid of two-dimensional multipolar magnetic fields /Transportirovka plazmennyykh sguskov pri pomoshchi dvumernykh multipol'nykh magnitnykh polei/. 20 p3500 A67-37061
- SAVCHENKO, V. G.**
Stressed state of a viscoelastic, nonuniformly heated cylinder with a star-shaped cavity /Napriazhennoe sostoianie vliakouprugogo neravnomerno nagretogo tsilindra so zvezdoobraznoi polost'iu/. 05 p0912 A67-16185
- SAVCHENKO, V. T.**
Application of invariance theory to automatically controlled ships on underwater wings /Primenenie teorii invariantnosti k avtomaticheskii upravlaemym sudam na podvodnykh kryl'akh/. 03 p0359 A67-13189
Stabilization of the coordinates of a ship on submerged hydrofoils during motion in a disturbed medium with a variable velocity /Stabilizatsiia koordinat sudna na podvodnykh kryl'akh pri dvizhenii v vozmushchennoi srede s peremennoi skorost'iu/. 18 p3074 A67-33418
- SAVEL, J.**
Integrated circuits in thin films /Integrovane obvody v tenknykh vrstvach/. 21 p3597 A67-38496
- SAVELEV, B. A.**
Experimental investigation of the range of applicability of the Bouger law for describing the attenuation of narrow collimated light beams in scattering media /Eksperimental'noe issledovanie granits primenimosti zakona Bugera dlia opisaniia oslableniia uzkiikh kollimirovannykh svetovykh puchkov v rasselvalushchikh

- sredakh/. 20 p3462 A67-37666
Laser emission attenuation in artificial water fogs /Oslableniye izlucheniya opticheskikh kvantovykh generatorov v iskusstvennykh vodnykh tumanakh/. 22 p3816 A67-39921
- SAVELEV, V. G.
Toward design of a laser with passive shutter. 03 p0438 A67-13962
- SAVELEV, V. S.
Beginning of the overlap of the operating ranges of lasers and backward-wave tubes. 05 p0825 A67-17168
- SAVELEVA, A. I.
Mechanism of the formation of high-energy pions in cosmic rays /O mekhanizme obrazovaniya vysokoennergichnykh pionov v kosmicheskikh luchakh/. 02 p0315 A67-12760
On the mechanism of production of high-energy pions in cosmic rays. 22 p3876 A67-40262
Certain results obtained by the method of controlled nuclear photoemulsions with the fixation of time of recorded events /Nekotorye rezul'taty, poluchennyye metodom kontrolirovemykh ladernykh fotoemul'sil s fiksatsiei vremeni registriruemyykh sobytiy/. 24 p4217 A67-42832
- SAVELLI, M.
Measurement of the variation in the carriers from a germanium monocrystal in the field close to the limit /Mesure de la variance des porteurs d'un monocristal de germanium dans le domaine proche de l'intrinsèque/. 06 p0966 A67-17588
Determination of two opposing tunnel currents in a metal-oxide-metal structure /Determination des deux courants tunnel opposes dans une structure metal-oxyde-metal/. 14 p2387 A67-28515
- SAVELOV, V. N.
Four-cell position-sensitive photodiodes /Chetyrekhelementnye pozitsionno-chuvstvitel'nye fotodiody/. 18 p3009 A67-33470
- SAVENKO, I. A.
Amplitude recording of pulses and logarithmic amplitude conversion in a dynamic range of 10 super 4 to 10 super 5. 01 p0062 A67-10160
Investigation of cosmic radiation by the Luna-10 artificial satellite /Issledovanie kosmicheskogo izlucheniya na iskusstvennom sputnike Luna-10/. 01 p0145 A67-10906
Study of soft corpuscular radiation by the lunar satellite Luna-10 /Izuchenie mlagkoi korpuskularnoi radiatsii na sputnike luny Luna-10/. 01 p0145 A67-10907
Investigation of low-energy charged particles by Cosmos 12, Cosmos 15 and Electron 2. 02 p0310 A67-12571
Measurement of the effective cross section of the inelastic interaction of protons with carbon nuclei at energy levels of 10 super 10 to 10 super 12 ev by the Proton-1 satellite /Izmereniya effektivnykh sechenii neuprugogo vzaimodeystviya protonov s ladrami ugleroda pri energiyakh 10 super 10 - 10 super 12 ev na isz Proton-1/. 02 p0315 A67-12757
Study of corpuscular radiation by the Luna 10 space vehicle /Izuchenie korpuskularnoi radiatsii na kosmicheskoy apparate "Luna-10"/. 05 p0875 A67-16053
Measurement of the energy spectrum of primary cosmic rays in the energy range from 10 super 10 to 10 super 14 ev with the aid of the satellite Proton 1 /Izmereniye energeticheskogo spektra pervichnykh kosmicheskikh luchei v oblasti energii 10 super 10-10 super 14 ev s pomoshch'yu ISZ Proton-1/. 05 p0877 A67-16086
Study of the chemical composition of primary cosmic rays in the moderate-energy range with the aid of the satellite Proton 1 /Izuchenie khimicheskogo sostava pervichnykh kosmicheskikh luchei v oblasti umerennykh energii na ISZ Proton-1/. 05 p0877 A67-16087
Study of high-energy gamma quanta outside the atmosphere /Izuchenie gamma-kvantov vysokoi energii za predelami atmosfery/. 05 p0877 A67-16088
Study of the proton component of the inner radiation belt in the Brazilian anomaly with the aid of the satellites Proton 1 and 2 /Issledovanie protonnoi komponenty vnutrennego radiatsionnogo polosa v Brazil'skoi anomalii na ISZ Proton-1 i Proton-2/. 05 p0878 A67-16089
Determination of the location of the cosmic-ray equator from the results of measurements on board the satellite Proton 1 /Opredeleniye polozheniya ekvatora kosmicheskikh luchei po rezul'tatam izmerenii na ISZ Proton-1/. 05 p0878 A67-16090
Study of high-energy electrons with the aid of the satellites Proton 1 and 2 /Izuchenie elektronov vysokoi energii na ISZ Proton-1 i Proton-2/. 05 p0878 A67-16091
Variations in the intensity of outer radiation belt protons and electrons. 07 p1243 A67-19828
Investigation of cosmic rays by the stations Proton 1 and Proton 2 /Issledovaniya kosmicheskikh luchei stantsiyami "Proton-1" i "Proton-2"/. 08 p1376 A67-21001
Proton-2 earth satellite study of the nuclear component of primary cosmic rays /Izuchenie ladernoi komponenty pervichnykh kosmicheskikh luchei na ISZ "Proton-2"/. 09 p1561 A67-21897
High-transmission spectrometer for the charges of primary cosmic ray nuclei /Svetosil'nyi spektrometr zariadov pervichnykh lader kosmicheskikh luchei/. 09 p1497 A67-21898
Device for measuring high-energy gamma quanta present in primary cosmic radiation /Pribor dlya izmereniya gamma-kvantov vysokoi energii v sostave pervichnogo kosmicheskogo izlucheniya/. 09 p1497 A67-21899
Discovery and investigation of the Brazil anomaly by spaceships and the Cosmos series of satellites. 12 p1996 A67-25773
Measurements of low-energy protons from Cosmos-41 satellite. 12 p1997 A67-25810
Measurements of low-energy particle fluxes from the Cosmos and Electron satellites. 12 p1997 A67-25811
Proton and electron intensity in the outer radiation belt during the period 1961-1964. 13 p2191 A67-26544
Observation of a diffusion wave of relativistic electrons in the outer radiation belt. 13 p2191 A67-26545
Investigation of primary cosmic rays at the Proton-1 scientific station. 16 p2737 A67-30647
Spectrometer of a Proton-type satellite for primary high-energy cosmic-ray particles /Spektrometr chastits pervichnogo kosmicheskogo izlucheniya vysokoi energii dlya ISZ tipa "Proton"/. 17 p2854 A67-32245
Study of the energy spectrum and the composition of primary cosmic rays in the high- and superhigh-energy range on the satellites Proton 1 and 2 /Izuchenie energeticheskogo spektra i sostava pervichnykh kosmicheskikh luchei v oblasti vysokikh i sverkhvysokikh energii na ISZ "Proton-1" i "Proton-2"/. 17 p2935 A67-32246
Measurement by the satellites Proton 1 and 2 of the effective cross sections of inelastic interactions between 10 super 10 to 10 super 12 ev protons and carbon nuclei /Izmereniye na ISZ "Proton-1" i "Proton-2" effektivnogo secheniya neuprugogo vzaimodeystviya s ladrami ugleroda protonov s energiyami 10 super 10 - 10 super 12 ev/. 17 p2935 A67-32247
Study of superheavy nuclei in cosmic rays /Izuchenie sverkhkhiyazhelykh lader v kosmicheskikh luchakh/. 17 p2935 A67-32248
Study of the energy distribution of cosmic-ray particles with various masses with the aid of the satellites Proton 1 and Proton 2 /Izuchenie energeticheskogo raspredeleniya chastits kosmicheskikh luchei s razlichnyimi massami na ISZ "Proton-1" i "Proton-2"/. 17 p2935 A67-32249
Measurement of corpuscular radiation on the space probe Luna-10. 21 p3697 A67-37840
Measurements on board the satellite Proton 1 of the cross sections for inelastic interaction of protons with carbon nuclei at energies of 10 super 10-10 super 12 ev. 22 p3876 A67-40259
Study of the form of the energy spectrum of primary cosmic particles in the energy range from 10 super 10 to 10 super 14 Ev on the Proton 1 and 2 space stations /Izuchenie vida energeticheskogo spektra pervichnykh kosmicheskikh chastits v diapazone energii 10 super 10 - 10 super 14 Ev na kosmicheskikh stantsiyakh Proton-1 i Proton-2/. 23 p4054 A67-41091
Energy spectrum of primary protons in the range from 10 super 10 to 10 super 13 ev according to Proton 1 and 2 data /Energeticheskii spektr pervichnykh protonov v oblasti energii 10 super 10 - 10 super 13 ev po dannym Protiona-1 i Protiona-2/. 23 p4054 A67-41092
- Study of the chemical composition of primary cosmic rays in the intermediate-energy range on the Proton 1 and 2 space stations /Izuchenie khimicheskogo sostava pervichnykh kosmicheskikh luchei v oblasti umerennykh energii na kosmicheskikh stantsiyakh Proton-1 i Proton-2/. 23 p4054 A67-41093
Study of the forms of the energy spectra of nuclei with various Z values from measurements on the Proton 1 and 2 space stations /Izuchenie vida energeticheskikh spektrov lader razlichnykh Z po izmereniyam na kosmicheskikh stantsiyakh Proton-1 i Proton-2/. 23 p4054 A67-41094
Study of high-energy cosmic-ray particles with the aid of "Proton" artificial earth satellites /Izuchenie chastits kosmicheskikh luchei vysokoi energii na iskusstvennykh sputnikakh zemli "Proton"/. 24 p4210 A67-42391
Measurements of the energy spectrum of cosmic rays in the 10 super 10 to 10 super 14 ev range by means of Proton 1. 24 p4212 A67-42762
Investigation of the chemical composition of primary cosmic rays in the region of moderate energies by means of Proton I. 24 p4212 A67-42763
Investigation of high-energy gamma rays beyond the atmosphere. 24 p4212 A67-42764
Investigation of the proton component of the inner radiation belt in the Brazilian anomaly by means of Proton I and Proton II. 24 p4212 A67-42765
Determination of the location of the cosmic ray equator on the basis of data recorded by Proton 1. 24 p4212 A67-42766
Investigation of high-energy electrons by means of Proton I and Proton II. 24 p4213 A67-42767
Measurement of the effective cross section of inelastic interaction between protons and carbon nuclei at energies from 10 super 10 to 10 super 12 ev on the Proton 1 and 2 space stations /Izmereniye effektivnogo secheniya neuprugogo vzaimodeystviya protonov s ladrami ugleroda v diapazone energii 10 super 10 - 10 super 12 ev na kosmicheskikh stantsiyakh Proton-1 i Proton-2/. 24 p4219 A67-42843
- SAVIANO, L.
Competition and integration between maritime and air transport /Concorrenza ed integrazione tra i trasporti marittimi ed aerei/. 08 p1429 A67-20770
- SAVIN, B. I.
Investigation of low-energy charged particles by Cosmos 12, Cosmos 15 and Electron 2. 02 p0310 A67-12571
Measurements of low-energy particle fluxes from the Cosmos and Electron satellites. 12 p1997 A67-25811
- SAVIN, B. M.
Effects of hypergravity and acute hypoxia on the respiratory processes in brain tissues /Vliyanie gipervesomosti i ostrogo kislorodnogo golodaniya na protsessy tkanevogo dykhaniya golovnogo mozga/. 23 p3943 A67-40770
- SAVIN, E. P.
Effect of neutron irradiation on the electrical properties of indium arsenide /Vliyanie neitronnogo oblucheniya na elektricheskie svoystva arseneda indiya/. 19 p3301 A67-34771
- SAVIN, G. N.
Plane problem of the moment theory of elasticity for an infinite plane weakened by a finite number of circular apertures /Ploskaya zadacha momentnoi teorii uprugosti dlya beskonechnoi ploskosti, oslablennoi konechnym chislom krugovykh otverstiy/. 02 p0338 A67-11954
The plane problem of couple stress theory of elasticity for an infinite plane weakened by a finite number of circular holes. 17 p2966 A67-33271
Dynamical plane problem of the instantaneous theory of elasticity /Dinamicheskaya ploskaya zadacha momentnoi teorii uprugosti/. 21 p3720 A67-38294
- SAVIN, R. C.
Sensitivity of manned planetary spacecraft design to radiation uncertainties. 07 p1258 A67-19376

- SAVINO, J. M.**
An analysis of the transient solidification of a flowing warm liquid on a convectively cooled wall. 04 p0735 A67-15856
- SAVINO, R.**
Packaging of electronic signal conditioning equipment for the Project Apollo lunar module. 21 p3635 A67-38628
- SAVITSKII, A. P.**
Study of the properties of extruded nickel-aluminum oxide alloys /Issledovaniia sivoystv ekstrudirovannykh splavov nikel'-okis' aluminia/. 09 p1517 A67-21876
- SAVITSKII, E. M.**
Study of the phase diagram of the W-Zr-Ti ternary system /Issledovanie diagrammy sostoiianii troinnoi sistemy W-Zr-Ti/. 01 p0093 A67-10291
Study of the phase diagram of the W-Mo-Ti ternary system /Issledovanie diagrammy sostoiianii troinnoi sistemy W-Mo-Ti/. 04 p0638 A67-15203
Investigation of the formation and properties of alloys of the molybdenum-niobium system in a monocrystalline state /Issledovanie stroeniia i sivoystv splavov sistemy molibden-niobii v monokristallicheskom sostoiianii/. 05 p0827 A67-16080
Study of the structure and properties of monocrystalline alloys of the molybdenum-niobium system /Issledovanie struktury i sivoystv splavov sistemy molibden-niobii v monokristallicheskom sostoiianii/. 05 p0830 A67-17024
Structure and properties of single crystals of molybdenum-niobium alloys. 14 p2338 A67-28491
Dispersion hardening of niobium-based alloys /Dispersionnoe uprochenie v splavakh na osnovie niobiia/. 16 p2687 A67-30844
- SAVITSKII, K. V.**
Study of the properties of extruded nickel-aluminum oxide alloys /Issledovaniia sivoystv ekstrudirovannykh splavov nikel'-okis' aluminia/. 09 p1517 A67-21876
Dependence of the compressive strength of metal-ceramic nickel/aluminum oxide alloys on the grain size of the nickel matrix /Zavisimost' soprotivleniia szhatli metallokeramicheskikh splavov nikel'-okis' aluminia ot velichiny zerna nikel'evoi matritsy/. 17 p2871 A67-31924
- SAVKIN, A. E.**
Observation of the generation of sum radiation frequency by ruby and neodymium lasers in a KDP crystal /Nabludenie generatsii summarnoi chastoty izlucheniia rubinovogo i neodimovogo lazerov na kristalle KDP/. 07 p1196 A67-19734
- SAVOLAINEN, J. E.**
The chemistry of hydrogen in liquid-alkali-metal mixtures useful as nuclear reactor coolants. I. 16 p2619 A67-30620
- SAVOSKIN, V. I.**
On the ionization of a gas in a focused laser beam. 19 p3239 A67-35166
- SAVOSTIN, A. F.**
Utilization of heat regeneration and high gas temperatures in helicopter gas-turbine engines /O primenenii regeneratsii tepla i povyshennykh temperatur gaza v vertoletnykh gazoturbinnnykh dvigatelakh/. 11 p1852 A67-24525
Some peculiarities of a helicopter power plant using a turbine with direct rotor drive /Nekotorye osobennosti silovoi ustanovki vertoleta s turbinoi neposredstvennogo privoda nesushchego vinta/. 11 p1853 A67-24528
- SAVOYE, E. D.**
Injection and emission of hot electrons in thin-film tunnel emitters. 23 p4039 A67-40885
- SAVRASOV, V. V.**
Determination of the work of deformation during the expansion of tubular blanks /Opredelenie raboty deformirovaniia v protsesse razdachi trubchatykh zagotovok/. 21 p3631 A67-38054
An experiment in the use of high-speed motion-picture photography for studying the process of rapid deformation /Opyt primeneniia skorostnoi kino'emkii dlia issledovaniia protsesa skorostnogo deformirovaniia/. 21 p3631 A67-38055
Stressed state of the material in certain processes of axisymmetric deformation of tubular blanks /Napriazhennoe sostoiianie materiala dlia nekotorykh protsessov osesimmetrichnogo deformirovaniia trubchatykh zagotovok/. 21 p3637 A67-38925
- SAVROV, S. D.**
Investigation of shock initiation to detonation in nitromethane. 06 p1112 A67-17953
- SAVRUK, M. P.**
Temperature field in plates and shallow shells with internal heat sources /Temperaturnoe pole v plastinakh i pologikh obolochkakh s vnutrennimi istochnikami tepla/. 13 p2224 A67-27056
Stressed state of a cylindrical shell with a longitudinal or transverse crack under a symmetrical load /Napruzhenii stan tsilindrichnoi obolonki z pozdovzhn'oiu abo poperechnoiu trishchinou pri simetrichnomu navantazhenii/. 22 p3911 A67-39684
- SAVRUKHIN, A. P.**
Significance for the M zone of the instability parameters of atmospheric flows /Znachenie parametrov neustoiichivosti atmosferynykh techenii dlia M-zony/. 05 p0799 A67-17030
- SAVULESCU, ST. N.**
Considerations pertaining to the appearance of velocity jumps in different flows in transition /Considerations sur l'apparition des sauts de vitesse en differents ecoulements transitionnels/. 07 p1169 A67-20223
- SAVVINKH, G. A.**
Method for measuring laser frequency variations /Ob odnom metode izmeneniia chastoty opticheskikh kvantovykh generatorov/. 03 p0433 A67-13094
Excitation of ultrasonic vibrations in crystals under the action of ruby laser radiation. 08 p1337 A67-20417
- SAWADA, R.**
Efficiency of electronic conversion in gridless two-cavity klystrons. 10 p1611 A67-23062
- SAWADA, S.**
Hovering stability of a crane helicopter. 05 p0751 A67-16439
- SAWADA, T.**
Study on row of circular cylinders in supersonic and hypersonic flow. IV - Heat transfer on row of parallel circular cylinders in hypersonic flow. 01 p0006 A67-10559
- SAWADA, Y.**
Transmission studies of plasma-resonance and plasma-cyclotron resonance in thin film polar semiconductors. 06 p1071 A67-18992
Magneto-quantum-electric effect in solid-state plasmas. 13 p2184 A67-27691
- SAWAGUCHI, E.**
Stripe pattern and negative resistance in SbSI. 04 p0674 A67-14619
- SAWAKATA, K.**
On the crossing rates of atmospherics in the range of high threshold. 14 p2306 A67-27881
- SAWARAGI, Y.**
A study on statistical synthesis of optimal final-value control system under random environments. 05 p0783 A67-16442
Statistical analysis of control systems having random characteristics. 05 p0783 A67-16443
On the gain adjustment of nonlinear time-variant control systems with random inputs. 05 p0783 A67-16444
On the dynamic optimization of a relay servosystem by the method of perturbation. 05 p0783 A67-16445
- SAWCHUK, W.**
Electromagnetic scattering from free-space impedance homogeneous spheres. 23 p3973 A67-40882
- SAWCZUK, A.**
Plastic analysis of rib-reinforced cylindrical shells. 04 p0713 A67-15406
[ASME PAPER 66-WA/APM-14]
On formulation of the equations of limit analysis of structures. 13 p2216 A67-28609
Inelastic Behaviour in Shells. 21 p3722 A67-38531
- SAWYER, C.**
Correcting solar-flare data. 11 p1856 A67-24497
- SAWYER, C. B.**
A daily index of solar flare activity. 07 p1251 A67-19945
Apparent area as a basis for solar flare importance. 08 p1376 A67-21237
- SAWYER, C. H.**
Analysis of USAF undershoot and overshoot accidents - 1960-1964. 23 p3970 A67-41701
- SAWYER, D. E.**
UHF photoparametric amplifier. 09 p1476 A67-22208
- SAWYER, F. L.**
Aircraft noise and the sitting of a major airport. 13 p2089 A67-26536
- SAWYER, G. A.**
Mode control in a ruby laser. 15 p2498 A67-29497
Fractional-fringe holographic plasma interferometry. 19 p3232 A67-35691
Measurement of beta, n, and T sub i in high-and low-pressure theta-pinch operation. 21 p3662 A67-37755
- SAWYER, J. C.**
Creep properties of refractory metal alloys in ultrahigh vacuum. 16 p2690 A67-31524
Elevated-temperature fatigue of TZC molybdenum alloy under high-frequency and high-vacuum conditions. 22 p3822 A67-40058
- SAWYER, N. J.**
Split-pln multilayer interconnections. 16 p2642 A67-31919
- SAWYER, R. A.**
Analysis of time dependent jet attachment processes and comparison with experiment. 08 p1280 A67-20440
- SAWYER, R. F.**
Gas-phase reactions of hydrazine with nitrogen dioxide, nitric oxide, and oxygen. 18 p3109 A67-33837
- SAWYER, T. T.**
Solid propellant burning along a tube heated by combustion gas influx. [AIAA PAPER 67-102] 06 p1074 A67-18282
Solid-propellant burning along a tube heated by combustion gas influx. 23 p4084 A67-41723
- SAXENA, S. C.**
Relations between thermal conductivity and diffusion coefficients of pure and mixed polyatomic gases. 03 p0535 A67-13518
Methods of calculating thermal conductivity of binary mixtures involving polyatomic gases. 12 p2033 A67-25217
- SAXER, R. K.**
Corrosion of beryllium by salt water. 04 p0640 A67-15618
Thermodynamic properties of copper-platinum alloys. 05 p0829 A67-16473
Stress corrosion of beryllium in synthetic sea water. 14 p2336 A67-28147
The activity of copper in solid copper-platinum alloys and some observations on the ordering of Cu sub 3 Pt. 17 p2872 A67-32739
Oxidation of ultra-high-purity cobalt at selected oxygen pressures over the temperature range 950 to 1250 deg C. 23 p4018 A67-40872
- SAXTON, D. W.**
The nature and causes of clear-air turbulence. [AIAA PAPER 66-966] 02 p0262 A67-12289
The nature and causes of clear-air turbulence. [AIAA PAPER 66-966] 17 p2880 A67-32581
- SAY, M. B.**
A method for obtaining temperature profiles for solid propellant motor exhaust streams. 01 p0071 A67-11101
- SAYANO, R. R.**
Holographic interferometry in electrochemical studies. 20 p3450 A67-37137
- SAYDAH, A. R.**
Effect of spherical roughness on hypersonic boundary-layer transition. [AIAA PAPER 66-26] 04 p0547 A67-14819
- SAYER, B.**
Theoretical study of a nonequilibrium cesium plasma /Etude theorique d'un plasma de cesium hors equilibre/. 16 p2713 A67-30868
Calculation of the characteristics of a nonequilibrium cesium plasma /Calcul des caracteristiques d'un plasma de cesium hors equilibre thermodynamique/. 19 p3294 A67-35417
- SAYER, L. N.**
Quality in electron beam welding. 13 p2124 A67-27168
- SAYERS, M. D.**
The onset of oscillation in a He-Ne laser. 05 p0824 A67-16821
- SAYIGH, A. A. M.**
Bending of plastics sandwich beams under uniformly distributed loads. 09 p1579 A67-22812
- SAZANOV, A. A.**
Motion and nature of the H sub alpha - spicules in the solar chromosphere

- /Dvizheniia i priroda H sub alpha -spikul v solnechnoi khromosfere/. 02 p0328 A67-12483
Non-eclipse coronagraphs. 09 p1495 A67-21636
The motion and nature of H alpha spicules in the solar chromosphere. 10 p1708 A67-23351
Study of the 535-mm single-lens objective of a large noneclipse coronagraph /Issledovanie 535-millimetrovogo odnolizovogo ob'ekiva bol'shogo vnezatmennogo koronografa/. 15 p2485 A67-29151
Mars in 1963 /Mars v 1963 godu/. 17 p2942 A67-32330
The Lyot-coronagraph with 53 cm objective. 23 p4001 A67-41238
The largest noneclipse coronagraph /Krupneishii vnezatmennii koronograf/. 24 p4154 A67-42111
Tests of the 535-mm singlet objective of the large new coronagraph. 24 p4158 A67-43074
- SAZONOV, D. M.**
Electromagnetic excitation of a finite metallic cone /Elektromagnitnoe vzbuzhdenie konechnogo metallicheskogo konusa/. 04 p0575 A67-15152
Electromagnetic excitation of a finite metallic cone. 15 p2435 A67-29339
- SAZONOV, J. A.**
Intensity-measurements of radiation at frequencies 725 and 1,525 kc, by means of the receiver on the satellite "Electron-2." 12 p1995 A67-25769
- SAZONOV, M. I.**
Characteristics of a plasmatron with an insert in the electrode gap /Kharakteristiki plazmatrona s mezhelektrodnol' vstavkol/. 11 p1843 A67-24973
A vortical-scheme plasmatron for operation on high currents /Plazmatron vikhrevoi skhemy dlia raboty na bol'shikh tokakh/. 18 p3088 A67-34057
Electric-field intensity in a vortex-stabilized arc /Napiazhennost' elektricheskogo polia v stabilizirovannoi vikhrem duge/. 24 p4195 A67-41940
- SAZONOV, V. V.**
Field statistics of a linear antenna array in the presence of periodically correlated phase errors /Statistika polia lineinoi antennoi reshetki pri periodicheskoi korrelirovannyykh fazovykh oshibkakh/. 11 p1757 A67-23912
Statistics of a linear antenna array field when periodically correlated phase errors are present. 21 p3600 A67-38940
- SAZONOVA, T. N.**
Variation of stress relaxation of titanium alloys as a function of the conditions of deformation at high temperatures. 12 p1955 A67-25368
- SBITNEV, A. I.**
Interpolating and extrapolating methods of the statistical analysis of dynamic systems. 15 p2462 A67-30327
- SBITNEV, E. A.**
Triggering the detonation of condensed explosives by laser radiation /Vzbuzhdenie detonatsii kondensirovannykh vv izlucheniem opticheskogo kvantovogo generatora/. 07 p1195 A67-19315
- SBITNIKOVA, I. S.**
Injection of a plasma into a closed magnetic trap with a double-helix field /Inzhektisia plazmy v zamknutulu magnitnulu lovushku s dvukhzhakhodnym vintovym polem/. 17 p2903 A67-32910
- SBRUEV, V. A.**
Volume electroluminescence of GaAs single crystals /Ob'emnaia elektroluminesentsiia monokristallov GaAs/. 14 p2368 A67-28538
Volume electroluminescence of GaAs single crystals. 23 p4040 A67-40945
- SCAGGS, N. E.**
Development of a facility for supersonic combustion simulation. [AIAA PAPER 66-743] 15 p2465 A67-29437
- SCAGLIA, C.**
Tentative approach to the design of waveguide-below-cutoff bandpass filters. 20 p3400 A67-37217
- SCALA, E.**
Single and multi-fiber interactions in discontinuously reinforced composites. 10 p1671 A67-23705
- SCALA, S. M.**
Solution of the time-dependent Navier-Stokes equations for the flow around a circular cylinder. [AIAA PAPER 67-221] 07 p1169 A67-19625
- SCALAPINO, D. J.**
Theory of inelastic electron-molecule interactions in tunnel junctions. 10 p1689 A67-23074
Current fluctuations in superconducting tunnel junctions. 22 p3865 A67-40433
- SCANLAN, J. O.**
Analysis and synthesis of tunnel diode circuits. 03 p0383 A67-13817
Progress in linear circuit theory 1963-1966. 14 p2291 A67-28460
Analysis and synthesis of tunnel diode circuits. 16 p2636 A67-30997
Characterisation of tunnel diodes at microwave frequencies. 21 p3602 A67-39070
- SCANLAN, M. J. B.**
Solar noise as a means of providing accurate vertical polar diagrams for radars. I. 13 p2071 A67-27219
Solar noise as a means of providing accurate vertical polar diagrams for radars. II. 15 p2436 A67-29645
- SCANLON, J. W.**
Finite amplitude cellular convection induced by surface tension. 24 p4255 A67-42569
- SCANNAPIECIO, J. F.**
Space environment simulation for thermal control materials. 12 p1924 A67-25711
- SCANO, A.**
Physiological problems of man's life in an extra-terrestrial environment /Sui problemi fisiologici della vita dell'uomo in ambiente extra-terrestre/. 12 p1901 A67-25175
- SCARABUCCI, R. R.**
Phase measurements of VLF transmissions over an 11,000-km transequatorial path. 12 p1906 A67-25942
Radiation from an electric dipole immersed in a lossy anisotropic plasma. 16 p2713 A67-30797
- SCARBOROUGH, R.**
Progressive Mars capsule mission capability. [AAS PAPER 66-58] 07 p1255 A67-19995
- SCARF, F. L.**
Progress in magnetospheric radio. 05 p0795 A67-16011
A plasma instability associated with thermal anisotropies in the solar wind. 08 p1378 A67-21475
- SCARINGELLA, D.**
Competing detection mechanisms in hot carrier microwave diodes. 19 p3198 A67-36038
- SCARLETT, R. M.**
Second breakdown in simplified transistor structures and diodes. 02 p0222 A67-12649
- SCARSI, L.**
Flux and energy spectrum of secondary electrons in the upper atmosphere. 07 p1242 A67-19621
Cosmic rays and space research. 11 p1856 A67-24105
- SCEARCE, C. S.**
Observations of the earth's magnetic tail and neutral sheet at 510,000 kilometers by Explorer 33. 08 p1402 A67-21468
Summary of results from IMP-I magnetic field experiment. 12 p1936 A67-25802
Probable observations of the geomagnetic tail at 10 super 3 earth radii by Pioneer 7. 20 p3433 A67-37402
- SCHAAACK, G.**
Modes in a deformed laser resonator. 13 p2127 A67-27087
- SCHAAL, R. E.**
Some results obtained with V.L.F. atmospheric measurements at Sao Paulo, Brazil. 07 p1171 A67-19422
VLF propagation across the geomagnetic anomaly during S.I.D.s. 24 p4149 A67-42067
- SCHACHTER, J.**
Simulators for lunar missions. [SMPT PAPER 101-54] 12 p1920 A67-25469
- SCHACHTER, S.**
Two-parameter theory of fatigue of materials /Theorie a deux parametres de la fatigue des materiaux/. 09 p1578 A67-22546
- SCHACKNE, G. L.**
The effect of a dent on the buckling strength of tubular columns subjected to axial compression. [ASME PAPER 67-MET-12] 12 p2030 A67-25951
- SCHAD, J. L.**
Microwave rocket concept. 16 p2736 A67-30712
- SCHADE, K. D.**
Cosserat plane and shell theory /Cosserat-Flache und Schalentheorie/. 07 p1263 A67-19885
- SCHADEE, A.**
The solar line at lambda 8668 angstrom units interpreted as CN. 08 p1400 A67-21247
- SCHAEDELA, W. H.**
Modes of a gyro-plasma filled beam waveguide. 02 p0213 A67-11619
- SCHAEDELICH, M.**
The approximation of astronomical longitude difference through group observations /Die Approximation astronomischer Laengendifferenzen aus gruppenweisen Beobachtungen/. 14 p2384 A67-28075
- SCHAEFER, E.**
A West German approach to reusable launch vehicles. 15 p2568 A67-29841
- SCHAEFER, E. J.**
Temperature and composition of the lower thermosphere obtained from mass spectrometer measurements. 19 p3220 A67-35265
- SCHAEFER, E. M.**
Self-locking of modes in the argon ion laser. 02 p0253 A67-12503
- SCHAEFER, F. P.**
Organic dye solution laser. 02 p0253 A67-12515
Geometrical model and experimental verification of two-photon absorption in organic dye solutions. 05 p0815 A67-16626
- SCHAEFER, H.**
The radar receiver as optimal filter and correlator /Der Radarempfaenger als Optimalfilter und Korrelator/. 15 p2434 A67-29181
Generation of an arbitrary binary sequence with integrated circuits /Erzeugung einer willkuerlichen Binaerfolge mit integrierten Schaltkreisen/. 21 p3590 A67-37946
Analysis of the motor fields in the Cosserat-continuum /Analysis der Motorfelder im Cosserat-Kontinuum/. 22 p3837 A67-40006
- SCHAEFER, H. J.**
Radiation hazards to man on the moon. 02 p0189 A67-12394
Radiation monitoring with nuclear emulsions on mission Gemini IV and V. 07 p1244 A67-19855
The galactic radiation hazard in long-term space missions. 23 p3953 A67-41583
- SCHAEFER, J.**
A phenomenological treatment of the absolute signs of spin-spin coupling constants. 21 p3658 A67-38003
- SCHAEFER, J. F.**
A new adaptive technique. 16 p2648 A67-31656
- SCHAEFER, J. W.**
Superorbital re-entry environments. 22 p3919 A67-40383
- SCHAEFER, K. E.**
Effect of isolation in a constant environment on periodicity of physiological functions and performance levels. 23 p3959 A67-41697
- SCHAEFER, P. W.**
Pointwise bounds in the Cauchy problem for an elliptic system. 16 p2697 A67-31422
- SCHAEFF, F.**
Potential representation for electrostatic image tubes with curved cathodes /Potentialdarstellung fuer elektrostatische Bildwandler mit gekruemmter Kathode/. 19 p3194 A67-35544
- SCHAEFFER, G. M.**
Some new superconducting group V superal dicalcogenides. 16 p2726 A67-30818
- SCHAEFFER, O. A.**
Potassium - Argon dating of iron meteorites. 08 p1400 A67-21265
Light and heavy rare gases in four fragments of the St. Severin meteorite. 16 p2750 A67-31435
- SCHAEFFER, R. C.**
Ionospheric no-echo occurrences. 13 p2114 A67-26794
- SCHAEFFLER, J.**
Control power usage for typical flight maneuvering in hover from a systematic analysis of flight test data of the VJ 101 aircraft and of a hover-rig. [AIAA PAPER 66-816] 01 p0010 A67-10538
Control-power usage for maneuvering in hover of the VJ 101 aircraft. 21 p3568 A67-38541
- SCHAENMAN, P. S.**
The role of spacecraft computers on

- advanced manned missions. 20 p3391 A67-36549
- SCHAEFERKOEETTER, R. L.**
An adaptive tracking filter for bending-mode stabilization. 13 p2212 A67-26818
- SCHAEZTLE, W. J.**
A study of free molecular flow through various length cylindrical nozzles. 09 p1488 A67-22106
Some experimental data on momentum accommodation coefficients. 13 p2098 A67-26947
- SCHAFER, C. F.**
Thermal control coating degradation data from the Pegasus experiment packages. [AIAA PAPER 67-331] 12 p2038 A67-26045
- SCHAFER, D. R.**
Attitude control for spinning sounding rockets. 08 p1409 A67-20539
- SCHAFF, A., JR.**
Test facility for 5000 Mw nuclear rocket propulsion modules. [AIAA PAPER 67-465] 18 p3020 A67-33936
- SCHAFER, A.**
Future lunar surface missions. [AIAA PAPER 67-27] 15 p2571 A67-30102
- SCHAFER, B.**
Electronic generation of stochastic step processes defined by stationary Markov chains /Elektronische Erzeugung stochastischer Stufenprozesse, die durch stationaere Markoffsche Ketten bestimmt sind/. 07 p1162 A67-20195
- SCHAFER, D. J.**
Fluid power and control. 22 p3749 A67-40341
- SCHAFER, R. R.**
Pneumatic diaphragm logic. 14 p2274 A67-28346
- SCHAFERHAUSER, A. C.**
Recrystallization, grain growth and the ductile-brittle transition in tungsten sheet. 20 p3467 A67-37119
- SCHAFNER, F.**
Hepatic effects of breathing pure oxygen for eight months upon rats, dogs and monkeys. 10 p1600 A67-23818
- SCHAFNER, G.**
Put the varactor's inductance to use. 23 p3982 A67-41504
- SCHAFNRATH, G.**
The singular point of "similar solutions" of the boundary layer theory /Die singulaere Stelle der "aehnlichen Loesungen" der Grenzschichttheorie/. 21 p3615 A67-39096
- SCHAFFT, H. A.**
A survey of second breakdown. 02 p0222 A67-12648
Second breakdown and crystallographic defects in transistors. 07 p1156 A67-19896
Second breakdown - A comprehensive review. 22 p3766 A67-39248
- SCHAIER, G. S.**
How the airplane designer can help the people in the cockpit. [SAE PAPER 670340] 12 p1895 A67-25878
- SCHALDACH, M.**
Method of measuring the Hall effect in materials with high specific resistance /Eine Methode zur Messung des Hall-Effektes an Materialien mit hohem spezifischen Widerstand/. 10 p1691 A67-23502
- SCHALKHAUSER, K.**
Comparative investigation of the physical fitness of man with respect to manual labor, oxygen deficiency, and acceleration /Vergleichende Untersuchungen der koerperlichen Leistungsaehlgkeit des Menschen bei Muskelaerbeit, im Sauerstoffmangel und bei Beschleunigung/. 03 p0364 A67-13924
Diurnal rhythm and function diagnostics of peripheral cycle regulation /Tagesrhythmik und Funktionsdiagnostik der peripheren Kreislaufregulation/. [DVL-620] 11 p1747 A67-25035
- SCHALKOWSKY, S.**
On-line self-organizing control of multiple-goal, multiple-actuator systems. 16 p2648 A67-31654
Estimation of microbial survival in heat sterilization. 19 p3180 A67-35264
- SCHALL, E. M.**
Effects of high-temperature devices on close solar probe mission planning. 22 p3903 A67-39956
- SCHALL, R.**
Investigation of high-velocity impacts by means of a light-gas gun /Etude d'impacts a grande vitesse a l'aide d'un canon a gaz leger/. 04 p0710 A67-15002
- SCHALL, R. E.**
Characteristics of VLF radio wave tracking stations for ionospheric investigation /Caracteristicas de estacoes de rastreo de ondas de radio VLF para investigacoes ionosfericas/. 20 p3386 A67-37481
- SCHALLA, C. A.**
Hydrogen liquid level influence on aircraft tank insulation. 13 p2054 A67-27657
Variable-thickness mode of insulation for hydrogen space storage tanks. [ASME PAPER 67-HT-50] 20 p3548 A67-36732
- SCHALLA, R. L.**
Mechanism of cadmium sulfide film cell. 23 p4046 A67-41485
- SCHALOW**
Introduction to medical research in gliding - Taking an EKG in a glider /Introduction a la recherche medicale en vol a voile - Prise d'electrocardiogrammes a bord de planeur/. 04 p0563 A67-14630
- SCHANCK, J. L.**
Specifying temper for stainless steel tubing. 13 p2124 A67-27175
- SCHANDA, E.**
Description of circular and rectangular radiation sources of large extent by means of radiometric antennas /Discrimination de sources de radiations rectangulaires et circulaires de grande etendue au moyen d'antennes radiometriques/. 12 p1913 A67-25306
The effect of random amplitude and phase errors of continuous apertures. 16 p2627 A67-31353
- SCHANE, W. P.**
Escape system requirements for U.S. Army aircraft in Vietnam. 17 p2794 A67-31998
Continuous EKG recording during free-fall parachuting. 23 p3964 A67-41560
- SCHANZLE, A. F.**
Horseshoe-shaped orbits in the Jupiter-sun restricted problem. 13 p2205 A67-27475
- SCHAPER, P. W.**
Balloon observations of the radiance of the earth between 2100 cm super minus super 1 and 2700 cm super minus super 1. [JPL-TR-32-1080] 07 p1171 A67-19394
- SCHAPERY, R. A.**
Stress analysis of viscoelastic composite materials. 20 p3474 A67-37267
- SCHAPITZ, E.**
Elementary calculations of shells and solid-wall systems. II /Elementare Berechnung von Schalen und Vollwandsystemen. II/. 21 p3722 A67-38524
Elementary calculation of shells and solid-wall systems. III, IV /Elementare Berechnung von Schalen und Vollwandsystemen. III, IV/. 21 p3722 A67-38525
- SCHAPKER, R. L.**
Statistics of high-speed turbulent wake boundaries. [AIAA PAPER 65-808] 01 p0007 A67-11165
- SCHARER, J. E.**
Cyclotron wave instabilities in a plasma. 13 p2163 A67-26286
Plasma electromagnetic instabilities in a magnetic mirror configuration. 13 p2164 A67-26293
- SCHARF, G.**
Analysis of G/A/G channel utilization in the ATC environment. 02 p0263 A67-12125
Air traffic control G/A/G channel loading investigation. 17 p2810 A67-32110
- SCHARF, P.**
Flip-component technology. 16 p2642 A67-31727
- SCHARF, P. H.**
Industrial laser applications. 09 p1505 A67-22145
- SCHARFETTER, D. L.**
Avalanche region of IMPATT diodes. 05 p0777 A67-17319
Depletion-layer capacitance of p super plus n step junctions. 20 p3504 A67-36167
- SCHARFMAN, W. E.**
Boundary-layer ion density profiles as measured by electrostatic probes. [AIAA PAPER 66-159] 05 p0856 A67-17345
Laser interferometry as a measure of turbulent fluctuations. 08 p1337 A67-21142
Plasma diagnostics using electrostatic probes under short mean free path conditions. 11 p1827 A67-23882
- SCHARMACK, D. K.**
An initial value method for trajectory optimization problems. 21 p3703 A67-38440
- SCHARMANN, A.**
Resonance-effects in the output of a He-Ne laser with an axial magnetic field. 15 p2498 A67-29512
- SCHATT, F.**
Details of testing the airworthiness of GFK gliders /Besonderheiten beim Lufttaechtigkeitsnachweis von GFK-Segelflugzeugen/. 20 p3360 A67-36454
- SCHATTEN, K. H.**
Influence of interplanetary magnetic field and plasma on geomagnetic activity during quiet-sun conditions. 07 p1251 A67-19912
Longitude distribution of proton flares as a function of recurrence period. 08 p1377 A67-21248
- SCHATZ, E. A.**
Thermal radiation properties of binary mixtures. [AIAA PAPER 65-670] 03 p0448 A67-13038
Emittance of sintered oxides. [AIAA PAPER 67-301] 12 p1958 A67-26016
- SCHATZMAN, E.**
Stellar and solar flares. 17 p2939 A67-33398
Interplanetary torques. 24 p4229 A67-42313
- SCHATZMAN, F.**
Kinetic thermodynamics. 20 p3543 A67-36185
- SCHAUB, B.**
Effect of hydrogen and nitrogen on the ductility of beryllium purified by zone refining /Effet de l'hydrogene et de l'azote sur la ductilite du beryllium purifie par fusion de zone/. 13 p2136 A67-27103
- SCHAUB, S. R.**
Wide-band multi-channel transient monitor system. 05 p0809 A67-17537
- SCHAUB, U. W.**
An investigation of the aerodynamics of intakes in the upper surface of a wing. 14 p2243 A67-28702
Fan-in-wing aerodynamics - Experimental assessment of several inlet geometries. [AIAA PAPER 67-746] 23 p3928 A67-40980
- SCHAUER, D. A.**
Contact conductance measurements during transient heating. 04 p0735 A67-15853
- SCHAUFLE, R. D.**
Aerodynamic design features of the DC-9. [AIAA PAPER 65-738] 03 p0354 A67-12905
Aerodynamic design of the DC-9 wing and high-lift system. [SAE PAPER 670846] 24 p4093 A67-41999
- SCHAUFLE, R. F.**
Electric field enhanced Raman scattering and frequency shift of the soft mode of SrTiO sub 3. 18 p3098 A67-33520
- SCHAWANBECK, C. A.**
Extremes in environmental testing. 20 p3418 A67-37532
- SCHAWLOW, A. L.**
Far infrared spectra of Al sub 2 O sub 3 - Cr super 3 super plus and Al sub 2 O sub 3 - Ti super 3 super plus. 14 p2370 A67-28714
Selective laser photocatalysis of bromine reactions. 17 p2868 A67-32772
- SCHECHESTER, D.**
Shallow impurity surface states in silicon. 22 p3854 A67-39245
- SCHECHESTER, E.**
Convergence considerations on a second-order method of approximate solution of parabolic equations. 13 p2148 A67-27473
- SCHECHESTER, H. B.**
Three-dimensional nonlinear stability analysis of the sun-perturbed earth-moon equilateral points. 19 p3328 A67-35962
- SCHECHESTER, M.**
A boundary layer phenomenon in nonlinear membrane theory. 03 p0525 A67-13823
- SCHECHESTER, M. C.**
Lock-seal - New ultrasonic plastic welding technique. 19 p3233 A67-34791
- SCHIEL, H.**
Project design of a comet probe /Zur Projekt auslegung einer Kometensonde/. 03 p0518 A67-13497
- SCHIEPMAKER, A.**
Balloon observation of the X-ray sources in the Cygnus region in the energy range 20-130 kev. 08 p1377 A67-21252
- SCHIEER, D. J.**
The spectra of OQ208 and other centimeter wavelength radio sources. 24 p4225 A67-41831
- SCHIEER, M. D.**
The adsorption kinetics of nitrogen on rhenium. 02 p0257 A67-12728
- SCHIEFER, P.**
An improved high-counting-rate balloon-borne particle detector. 04 p0621 A67-14899

- SCHEFF, B. H.
The role of a simulation program. 20 p3416 A67-36765
- SCHEFFER, G.
Impurity distribution in epitaxial films after oxidation. 05 p0869 A67-17095
- SCHEFFLER, H.
Interstellar absorption. III /Interstellare Absorption. III/. 05 p0897 A67-16774
- SCHIEBNER, E. J.
Uniaxial anisotropy and rotational hysteresis in thin gadolinium films. 13 p2179 A67-27144
- SCHIEL, G.
Design criteria and state of development of the HEOS-A satellite /Entwurfskriterien und Entwicklungsstand des satelliten Heos-a/. 20 p3531 A67-36412
- SCHILL, A. C.
An experimental evaluation of multiplate antenna properties. 02 p0210 A67-11592
The multiplate antenna. 02 p0210 A67-11593
Ground-based antennas for satellite communications. 06 p0967 A67-17685
A technique for the determination of the radiation pattern of a partially coherent aperture. 09 p1470 A67-21607
- SCHILLER, G. F.
On-board check-out systems for aircraft. [SAE PAPER 660701] 01 p0010 A67-10595
- SCHILLER, K.
Heat transfer from oxygen at high temperatures. 04 p0729 A67-15813
Liquid fuel - Air combustion. I, II. [CI PAPER 67-2] 19 p3309 A67-34997
- SCHENCK, J. F.
Resistance in the mixed state of type-II superconductors. 09 p1556 A67-22135
- SCHENDEL, J. W.
Cabin noise reduction in the DC-9. [AIAA PAPER 67-401] 15 p2421 A67-30368
- SCHENK, J.
Heat transfer from laminar flow in ducts with elliptic cross-section. 12 p2033 A67-25215
- SCHENKE, M.
The solubility of oxygen in fused carbonates and the corrosion behaviour of silver and copper oxide air-CO sub 2 cathodes in molten carbonate fuel cells. 09 p1458 A67-22182
- SCHENKEL, F. W.
Photometric and optical considerations in the DODGE satellite TV camera design. 20 p3452 A67-37573
- SCHERR, F.
Focusing of charged particles with hemispherical grids. 10 p1658 A67-23784
- SCHERBERG, M. G.
An experimental study of supersonic flow over a rearward facing step. 05 p0750 A67-17339
Explorations of supersonic shear flow over a cavity. 11 p1778 A67-24218
- SCHERER, A. E.
Density-dose behavior of irradiated polytetrafluoroethylene. 23 p4021 A67-40781
- SCHERER, L. R.
The first four Lunar Orbiter photographic missions. 19 p3319 A67-35266
- SCHERER, M.
Analytical study of spinning /Etude analytique de la vrille/. [ONERA-TP-388] 05 p0751 A67-16477
Progress accomplished in the techniques of measuring aerodynamic derivatives in wind tunnels - Method of forced oscillations /Progres realises dans les techniques de mesure des derivees aerodynamiques en soufflerie - Methode d'oscillations forcees/. 23 p3986 A67-40570
- SCHERRHAG, R.
Aerologic and synoptic weather forecasting /Aerologische und synoptische Wettervorhersage/. 06 p1026 A67-18599
Meteorological parameters affecting supersonic transport operations. 07 p1219 A67-19066
- SCHERLING, G.
Strain measurements of structural materials. 08 p1420 A67-20907
- SCHERMANN, J.-P.
Realization of a vertical-beam hydrogen maser /Realisation d'un maser a hydrogene a jet vertical/. 04 p0632 A67-14898
Measurement of the Q parameter of a hydrogen maser /Mesure du parametre Q d'un maser a hydrogene/. 11 p1802 A67-24754
- SCHERMERHORN, T. J.
Retinal circulation in man during plus G sub z acceleration. 23 p3957 A67-41638
- Retinal fluorescence anglography during blackout on the human centrifuge. 23 p3957 A67-41639
- SCHERR, C. W.
Perturbation theory - Application to 2-, 3-, and 4-electron atoms. 02 p0271 A67-12724
- SCHERRER, W.
Cosmological solutions of linear field theory /Die kosmologischen Loesungen der linearen Feldtheorie/. 05 p0897 A67-16773
- SCHERZ, U.
The hydrothermodynamic equations in the case of inhomogeneous turbulence and the noise problem /Ueber die hydrothermodynamischen Gleichungen im Falle nichthomogener Turbulenz und das Laermproblem/. 13 p2149 A67-26272
- SCHETT, A.
Annular effect in MHD - An example of a boundary value problem to be solved by Lie series formalism. 05 p0854 A67-16989
Analytical continuation for calculating multigroup-multizone eigenvalue problems using Lie series. 10 p1675 A67-23396
Lie series solution of the equations resulting from a separation of the Helmholtz equation in special coordinate systems. 15 p2509 A67-29266
On the solution of some important second order differential equations in physics using Lie series. 17 p2876 A67-32045
On the solution of the general inhomogeneous linear differential equation of second order using Lie series representation. 19 p3250 A67-35891
- SCHETTER, K.-A.
Correlation between free infrared and acoustic signals /Infrarot-Akustik Korrelation an Freistrahlen/. 04 p0619 A67-14545
- SCHETZ, J. A.
Penetration of gaseous jets injected into a supersonic stream. 02 p0232 A67-11935
Analytic approximations of boundary-layer problems. 04 p0610 A67-15922
Tangential slot injection in supersonic flow. 06 p0987 A67-18300
[AIAA PAPER 67-198] 06 p0987 A67-18300
Structure of highly underexpanded transverse jets in a supersonic stream. 12 p1892 A67-25900
Planar free turbulent mixing with an axial pressure gradient. 14 p2304 A67-28359
[ASME PAPER 67-FE-9] 14 p2304 A67-28359
- SCHUEER, P. A. G.
Red-shift magnitude relation for quasi-stellar objects. 21 p3701 A67-37895
- SCHIAU, S.
Hemodynamic modifications produced by posture variations - Influence of the anti-G suit and of tourniquets /Modifications hemodynamiques produites par les variations de posture - Influence du costume anti-G et des tourniquets/. 16 p2816 A67-30754
- SCHIAVONE, D. C.
Toward storage reliability for electronic systems. 11 p1788 A67-25010
- SCHIBLI, E.
Injected carrier flow in a semi-insulator containing a density gradient of a deep impurity. 06 p1051 A67-18221
- SCHIBY, B.
Some preliminary results concerning heavy cosmic ions in ionographic emulsions exposed in a satellite /Quelques resultats preliminares concernant les ions lourds cosmiques dans des emulsions ionographiques exposees en satellite/. 12 p1999 A67-25829
- SCHIEHLEN, W.
Angular momentum considerations for satellites with moving inner masses /Ueber den Drallsatz fuer Satelliten mit im Innern bewegten Massen/. 13 p2211 A67-26623
Attitude control of satellites in elliptical orbits. 22 p3897 A67-39160
- SCHIEK, B.
Frequency behavior of multipliers employing varactor diodes /Frequenzverhalten von Vervielfachern mit Kapazitaetsdioden/. 01 p0039 A67-10857
A frequency multiplier from 10 to 30 GHz /Ein Frequenzvervielfacher von 10 auf 30 GHz/. 20 p3398 A67-36863
- SCHIELER, L.
Computation of high-temperature rate constants for bimolecular reactions of combustion products. 18 p3154 A67-33835
- SCHIERMAN, R. H.
Air Force system effectiveness and reliability data systems. 18 p3007 A67-34658
- SCHIEVE, W. C.
Comparison of the steady state operator of Prigogine with the T-matrix. 13 p2159 A67-27730
- SCHIFF, H. I.
Laboratory measurements of negative ion reactions of atmospheric interest. 17 p2851 A67-33195
- SCHIFFER, M.
A method of variations for functions with bounded boundary rotation. 04 p0643 A67-14583
- SCHIFFMAN, B. M.
Design tables for an elliptic-function band-stop filter /N equal 5/. 02 p0214 A67-11779
- SCHIFFNER, K.
Investigation of the stability behavior of thin-walled conical shells under axially symmetric loading using a nonlinear shell theory /Untersuchung des Stabilitaetsverhaltens duennwandiger Kegelschalen unter axialsymmetrischer Belastung mittels einer nichtlinearen Schalentheorie/. [DVL-605] 03 p0521 A67-13020
- SCHILVE, J.
The influence of sheet thickness on crack propagation. 03 p0532 A67-14386
The influence of the mean stress on the propagation of fatigue cracks in light alloy sheet. 11 p1804 A67-24037
Significance of fatigue cracks in micro-range and macro-range. 24 p4248 A67-41952
- SCHILD, R. E.
Observations of quasi-stellar and Haro-Luyten blue objects. 03 p0511 A67-13652
- SCHILDER, M.
A Monte-Carlo method for analysing nonlinear circuits. 20 p3407 A67-36331
- SCHILE, R. D.
Large deflections of a beam loaded and supported at two points. 11 p1871 A67-24088
Simple tester for the rapid determination of the tensile strength of fine filaments. 20 p3537 A67-36522
- SCHILLING, D. L.
Demodulation of digital signals using an FM discriminator. 02 p0201 A67-12118
Application of feedback to M-ary PAM. 02 p0204 A67-12170
Intermodulation distortion of a phase locked loop demodulator. 14 p2273 A67-28708
Discriminator response to an FM signal in a fading channel. 14 p2273 A67-28711
Error rates for digital signals demodulated by an FM discriminator. 20 p3385 A67-37351
- SCHILLING, G. F.
Eclipse observation from the moon and cislunar space. 04 p0700 A67-15070
Predicting the state of the upper atmosphere. 06 p1027 A67-18607
- SCHILLING, R. J.
An interferometric study of mass transfer from a vertical plate at low Reynolds numbers. [ASME PAPER 65-WA/HT-39] 03 p0404 A67-14011
- SCHILZ, W.
Sound propagation in streaming air within tubes having changes of cross-section and flow losses /Schallausbreitung in luftdurchstroemten Roehren mit Querschnittsveraenderungen und Stroemungsverlusten/. 01 p0114 A67-10819
- SCHINDEL, L. H.
Supersonic gust simulation experiments. 21 p3609 A67-38889
- SCHINDELIN, J.
Transfer functions of a rigid lifting body /Die Uebertragungsfunktionen des starren Flugkoerpers/. 14 p2393 A67-28061
- SCHINDELIN, J. W.
Determination of the effect of elastic structural vibrations of a vehicle on the position of the engine thrust vectors /Ermittlung des Einflusses der elastischen Strukturschwingungen eines Flugkoerpers auf die Stellung der Schubvektoren der Triebwerke/. 02 p0335 A67-12732
- SCHINDLER, H. R.
Microelectronic frequency discrimination techniques. 14 p2282 A67-28024
- SCHINDLER, M. J.
Advances in travelling-wave tubes for spacecraft communications systems. 06 p0967 A67-17683
An improved procedure for the design of periodic-permanent-magnet assemblies for travelling-wave tubes. 09 p1476 A67-22210
- SCHIPPER, J. J. M.
A molecular beam apparatus for the 0-50

- ev region. 14 p2316 A67-28191
- SCHIRMAIER, A. ST.**
Annular effect in MHD - An example of a boundary value problem to be solved by Lie series formalism. 05 p0854 A67-16989
- SCHIRMANN, D.**
Investigation of the ionic parameters of an alkaline plasma by means of a grid probe /Etude, par sonde a grille, des parametres ioniques d'un plasma alcalin/. 15 p2527 A67-29476
- Study of the different operating modes of an alkaline-metal-plasma machine by means of electric probes. 18 p3091 A67-34631
- SCHIRRA, M.**
Investigation of the stress-rupture and creep behavior in binary and ternary vanadium alloys /Untersuchungen ueber das Zeltstand-und Kriechverhalten binarer und ternarer Vanadin-Legierungen/. 12 p1954 A67-25140
- SCHJELDERUP, H. C.**
A material hysteresis model for transient dynamic analysis. 11 p1874 A67-24358
- SCHLACHTA, K. V.**
Digitalisation of radar signals and their evaluation by a computer for automatic tracking of targets. 04 p0574 A67-15058
- SCHLAK, G. A.**
New asymptotic solution for the electromagnetic fields of a dipole over a stratified medium. 22 p3763 A67-40311
- SCHLECHT, R. G.**
Studies of highly radiative plasmas using the wall-stabilized pulsed arc discharge. [AIAA PAPER 66-184] 01 p0125 A67-11160
- SCHLEE, F. H.**
Divergence in the Kalman filter. 14 p2347 A67-28116
- The region of Kalman filter convergence for several autonomous navigation modes. [AIAA PAPER 67-623] 19 p3260 A67-36012
- SCHLEGEL, G.**
Estimation of the accuracy in the identification of control systems using deterministic test signals. 15 p2461 A67-30318
- SCHLEGEL, L. B.**
Contribution of earth oblateness to gravity torque on a satellite. 01 p0154 A67-11194
- SCHLEGEL, R. G.**
Transmission noise control - Approaches in helicopter design. [ASME PAPER 67-DE-58] 14 p2328 A67-28883
- SCHLEIFER, W. D.**
Diode function generator for empirical functions /Diodenfunktionsgeber fuer empirische Funktionen/. 22 p3775 A67-40562
- SCHLEIGER, E. R.**
Measurement of total hemispherical emittance of transparent materials at low temperature. 13 p2159 A67-27356
- SCHLESINGER, S. P.**
An analysis of plasma emission by correlation radiometry. 09 p1536 A67-21601
- Perturbation analysis of axially nonuniform electromagnetic structures using nonlinear phase progression. 16 p2626 A67-31345
- Electromagnetic propagating structures with nonuniform cross perturbations. 16 p2626 A67-31346
- SCHLEY, C. H., JR.**
Optimal control computation by the Newton-Raphson method and the Riccati transformation. 15 p2456 A67-29363
- SCHLICHT, H. C.**
Elevation angle of arrival determination with circular antenna arrays. 02 p0217 A67-12088
- SCHLICHTING, H.**
Some principal problems in the field of turbine aerodynamics /Ueber einige grundlegende Fragen auf dem Gebiet der Aerodynamik der Turbomaschinen/. 04 p0547 A67-14985
- Aircraft Dynamics. Volume 1 /Aerodynamik des Flugzeuges. Volume 1 /2nd Edition/. 20 p3355 A67-36199
- Some new results concerning wing aerodynamics /Einige neuere Ergebnisse aus der Aerodynamik des Tragflugels/. 23 p3930 A67-41305
- SCHLICKMAN, J. J.**
Room temperature Lorentz field induced recombination radiation in InSb and Cd sub x Hg sub 1 sub -x Te. 03 p0496 A67-13675
- SCHLIER, R. E.**
An operational theory of laser-radar selenodesy. 16 p2623 A67-30982
- SCHLITZER, L.**
Monte Carlo evaluation and development of Weibull analysis techniques. [ASLE PAPER 66AM 1B2] 08 p1336 A67-21038
- SCHLOSSBERG, H. R.**
Saturation behavior of a Doppler-broadened transition involving levels with closely spaced structure. 01 p0087 A67-10152
- Hyperfine structure and paramagnetic properties of excited states of xenon studied with a gas laser. 04 p0661 A67-15462
- SCHLOSSER, W.**
Partially filled waveguides and surface waveguides of rectangular cross section. 12 p1908 A67-25980
- Number of rays and brightness of Comet Morehouse 1908 III /Strahlenanzahl und Helligkeit des Kometen Morehouse III/. 16 p2742 A67-30666
- SCHLOTTMANN, F.**
Effect of gyroscopic moments of engines on the coupling of the longitudinal and transverse motions of an aircraft /Ueber den Einfluss der Kreismomente von Triebwerken auf die Kopplung von Laengs- und Seitenbewegung eines Flugzeugs/. 06 p0944 A67-17624
- SCHLUETER, A.**
Acceleration of an inhomogeneous plasma by laser beams /Beschleunigung von inhomogenen Plasmen durch Laserlicht/. 12 p1969 A67-25198
- Two-dimensional magnetohydrostatic equilibrium with inner fields /Ebene magnetohydrostatische Gleichgewichte mit Innenfeld/. 17 p2903 A67-32709
- SCHLUETER, H.**
Anomalous transport phenomena in a ring discharge. [AROD-6398-2] 11 p1831 A67-24010
- SCHLUETER, P.**
Photomultiplier tubes for satellite instrumentation. 07 p1185 A67-19397
- SCHLUMBOHM, H.**
Electron injection during the buildup of a discharge in hydrogen and oxygen for E/p values from 60 to 3000 volts/cm-torr /Nachlieferung von Elektronen beim Entladungsaufbau in Wasserstoff und Sauerstoff fuer E/p von 60 bis 3000 volt/cm torr/. 13 p2160 A67-26813
- SCHMACKPFEFFER, A.**
Mode-locking and mode-competition by saturable absorbers in a ruby-laser. 07 p1197 A67-20147
- Generation of short and intensive light pulses by saturable absorbers. 23 p4015 A67-41036
- SCHMAEDEKE, W.**
Mathematical theory of optimal control for semilinear hyperbolic systems in two independent variables. 11 p1770 A67-24423
- SCHMAEDEKE, W. W.**
The existence theory of optimal control systems. 06 p0974 A67-17924
- SCHMAHL, G.**
The state of photospheric layers of solar faculae /Zum Zustand der photosphaerischen Schichten von Sonnenfackeln/. 14 p2378 A67-27846
- SCHMALFUSS, H.-G.**
Investigations of new supersonic retardation cascades for turbines and compressors /Untersuchungen an neuen Ueberschallverzögerungsgittern fuer Turbinen und Verdichter/. 03 p0503 A67-13012
- Experimental investigation of strong-deflection supersonic flow decelerating cascades /Experimentelle Untersuchungen an stark umlenkenden Ueberschallverzögerungsgittern/. 07 p1128 A67-20296
- SCHMAUCH, G. E.**
H sub 2 O sub 2 oxygen supply system cuts weight and space requirements. 22 p3747 A67-39893
- SCHMEIDLER, F.**
Three-body problem and elliptic integrals. 08 p1381 A67-20390
- SCHMELE, L.**
Computer analysis of large structural systems. [AIAA PAPER 67-955] 24 p4127 A67-43038
- SCHMELEVA, A. P.**
On the ionizing accompaniment of approximately 170 Bev nucleons at 2000 meters altitude. 02 p0312 A67-12609
- SCHMELOVSKY, K. H.**
Seasonal variations of total electron content of the ionosphere during sunspot minimum. 12 p1935 A67-25795
- Results from multifrequency observations of electron density with S 66 satellite. 15 p2477 A67-29666
- SCHMELTEKOPF, A. L.**
Laboratory measurements of ionospheric ion-molecule reactions. 10 p1644 A67-23259
- Laboratory measurements of negative ion reactions of atmospheric interest. 17 p2851 A67-33195
- Reaction of atomic oxygen ions with vibrationally excited nitrogen molecules. 17 p2889 A67-33201
- SCHMELTZER, R. A.**
Means, variances, and covariances for laser beam propagation through a random medium. 08 p1296 A67-21434
- The effect of atmospheric scintillation on an optical data channel-laser radar and binary communications. 23 p3975 A67-41266
- SCHMID-BURCK, J.**
Finite amplitude density variations in a self-gravitating isothermal gas layer. 24 p4225 A67-41826
- SCHMID, CH.**
Quantum theory of noise in gas and solid state lasers with an inhomogeneously broadened line. I. 04 p0632 A67-14949
- SCHMID, E.**
PERT - A planning method /PERT - Ein Planungsverfahren/. 18 p3161 A67-33634
- SCHMID, H.**
S.S.T. simulation exercises. 13 p2053 A67-26711
- SCHMID, H. H.**
Geodetic satellites - Reduction of geometric data. 20 p3429 A67-36890
- SCHMID, L. A.**
Heat transfer in relativistic charged-fluid flow. 08 p1426 A67-20923
- Microscopic interpretation of the generalized Helmholtz equation. 16 p2720 A67-31245
- SCHMID, W.**
Kinematics of a free gyro with a gimbal suspension on a rotating earth /Zur Kinematik eines kardanisch gelagerten freien Kreisel auf der rotierenden Erde/. 07 p1186 A67-19627
- SCHMIDLIN, A. E.**
Rapid filling of a cylinder with a compressible fluid. [ASME PAPER 66-WA/PID-2] 04 p0555 A67-15380
- Fluid vortex phenomena in fluidic applications. 06 p0982 A67-17719
- A jet driven fluoric oscillator. 14 p2251 A67-28344
- Fluoric sun sensor-actuator - A solar attitude control system. 17 p2954 A67-31982
- SCHMIDLIN, F. J.**
The establishment of the Experimental Inter-American Meteorological Rocket Network /EXAMETNET/. 08 p1350 A67-20549
- SCHMIDT-ROEDENBECK, H.**
Considerations involved in the development of reliable autopilots, with reference to VTOL aircraft and automatic instrument landing /Gesichtspunkte zur Entwicklung zuverlässiger Flugregler im Hinblick auf VTOL-Flugzeuge und automatische Blindlandung/. 03 p0464 A67-13004
- SCHMIDT, A. J.**
An absolute method for measuring the energy output of a laser. 18 p3046 A67-33747
- SCHMIDT, D.**
Chemical analysis of the lunar surface by instrumented soft-landing probes /Instrumentelle chemische Analyse der Mondoberfläche durch unbemannte Landegeräte/. 07 p1186 A67-19571
- Experience with the automatic aircraft-noise monitoring equipment at the Frankfurt airport /Erfahrungen mit der automatischen Fluglärmüberwachungsanlage des Flughafens Frankfurt/Main/. 09 p1484 A67-21941
- SCHMIDT, D. L.**
Bi-compositional carbon-silica fibers. 03 p0454 A67-13425
- SCHMIDT, E.**
Another method for the determination of silicon oxide thickness. 09 p1553 A67-21954
- SCHMIDT, E. W.**
Propellant supply at extraterrestrial bases on the moon and planets /Treibstoffversorgung auf ausserirdischen Mond-und Planetenstützpunkten/. 04 p0695 A67-14555
- Fuel supply on extraterrestrial lunar and planetary support stations

- /Treibstoffversorgung auf ausserirdischen Mond-und Planetenstuetzpunkten/. 16 p2655 A67-31008
- SCHMIDT, F. F.
The mechanical behavior of refractory-metal alloys. 05 p0829 A67-16741
- SCHMIDT, F. W.
Experimental study of the effects of an ultrasonic field in a nucleate boiling system. [ASME PAPER 67-HT-11] 20 p3545 A67-36709
Heat transfer in fully developed laminar flow through rectangular and isosceles triangular ducts. 20 p3553 A67-36940
Forces on spheres inside diffusers. 23 p3932 A67-41734
- SCHMIDT, G.
Flute instability in the presence of non-uniform electric fields. 11 p1828 A67-23891
On the stability of combination oscillations. 18 p3140 A67-33464
- SCHMIDT, H.
Investigation of plasma-magnetic shock waves with a Mach-Zehnder-Interferometer. 19 p3293 A67-35400
Airport planning requirements for the seventies. [AIAA PAPER 67-760] 23 p3987 A67-40991
Predicted critical behavior near the superconducting phase transition. 24 p4200 A67-41867
- SCHMIDT, H. U.
Generation and propagation of oscillatory motions in the solar atmosphere. 05 p0900 A67-17074
Generation of oscillations in the solar atmosphere by separate granules /Die Erzeugung von Schwingungen in der Sonnenatmosphaere durch einzelne Granula/. 10 p1704 A67-22721
The interaction of the solar wind with a comet. 12 p1993 A67-25227
Remarks on the classification of magnetic changes in the solar atmosphere and on the evaluation of solar magnetograms. 24 p4222 A67-41768
- SCHMIDT, J.
Free radical formation in amino acids exposed to thermal hydrogen atoms. 13 p2065 A67-26869
- SCHMIDT, J. F.
Effect of uncooled inlet length and nozzle convergence angle on the turbulent boundary layer and heat transfer in conical nozzles operating with air. [ASME PAPER 67-HT-28] 20 p3357 A67-36721
- SCHMIDT, J. H.
Computer technique for estimating system reliability. 01 p0031 A67-11338
- SCHMIDT, J. P.
Effect of a space cabin environment on viral infection. 21 p3574 A67-38080
- SCHMIDT, K.
Parameters of the high pressure sodium discharge column. 19 p3278 A67-35134
- SCHMIDT, K.-H.
Interpretation of the wavelength dependence of interstellar extinction /Zur Deutung der Wellenlaengenabhaengigkeit der Interstellaren Extinktion/. 22 p3889 A67-40304
- SCHMIDT, L. D.
Adsorption of barium on tungsten - Measurements on individual crystal planes. 17 p2922 A67-33259
- SCHMIDT, L. V.
Aeroelastic problems as found in a large antenna system. [ASME PAPER 67-VIBR-39] 11 p1777 A67-24194
- SCHMIDT, M.
Lifetimes of extragalactic radio sources. 02 p0322 A67-11685
Quasi-stellar objects. 03 p0516 A67-14337
Properties of quasi-stellar radio sources. 05 p0900 A67-17078
The gravitational field of the galaxy. 08 p1380 A67-20384
The radio source 3C 17. 12 p2011 A67-26249
Radio galaxies and the origin of cosmic rays. 19 p3316 A67-36088
- SCHMIDT, R.
Resonance amplitude and vibration safety of blade vibrations /Resonanzamplitude und Schwingungssicherheit bei Schaufelschwingungen/. 02 p0336 A67-11466
- SCHMIDT, S. F.
Application of state-space methods to navigation problems. 06 p1028 A67-17927
- SCHMIDT, T.
Thermal design of molten carbonate fuel cells. 13 p2055 A67-26842
- SCHMIDT, U. J.
Applications and state of digital light ray deflection /Anwendungen und stand der digitalen lichtstrahlableitung/. 19 p3239 A67-35060
- SCHMIDT, V.
Shear-stress distribution and dislocation processes at moving crack tips in ionic crystals. 18 p3097 A67-33483
- SCHMIDT, V. H.
Semiclassical theory of proton transport in ice. 13 p2160 A67-26991
- SCHMIDT, W.
Organic dye solution laser. 02 p0253 A67-12515
Geometrical model and experimental verification of two-photon absorption in organic dye solutions. 05 p0815 A67-18626
- SCHMIDT, W. A.
A fast risetime avalanche transistor pulse generator for driving injection lasers. 09 p1510 A67-21642
- SCHMIDT, W. F.
Calorimetric absorptance measurements of thermal-control coatings between room and cryogenic temperatures. 24 p4256 A67-42913
- SCHMIDT, W. G.
Failure-erasure circuitry - A duplicative technique of failure-masking systems. 09 p1470 A67-22668
- SCHMIEDER, L.
The accuracy of the optical determination of satellite orbits by means of observations on board. 22 p3830 A67-39161
- SCHMIESCHEK, U.
Freedom of visibility with the aid of a new defogging procedure /Sichtfreiheit mit Hilfe eines neuen Entnebelungsverfahrens/. 18 p3021 A67-34608
- SCHMINDER, R.
Results of ten years' ionospheric drift measurements in the L.F. range. 07 p1171 A67-19420
- SCHMISSRAUTER, J. M.
Interface management of aerospace systems. [AAS PAPER 66-159] 08 p1430 A67-20976
Interface management of aerospace systems. [AAS PAPER 66-159] 13 p2233 A67-27556
- SCHMIT, L. A.
A cylindrical shell discrete element. 10 p1717 A67-23128
- SCHMIT, L. A., JR.
Finite deflection structural analysis using plate and cylindrical shell discrete elements. 10 p1726 A67-23717
- SCHMITT, A.
Introduction to the set of homomorphic decompositions of the state quantity of a finite automaton /Einfuehrung des Verbandes der homomorphen Zerlegungen der Zustandsmenge eines endlichen Automaten/. 19 p3202 A67-35605
- SCHMITT, A. J.
Graphic displays generated from digital computers. [AIAA PAPER 66-854] 03 p0376 A67-14128
- SCHMITT, D.
Determination of the mechanical properties of solid propellants /Ermittlung der mechanischen Eigenschaften von Raketenfesttreibstoffen/. 08 p1373 A67-20720
- SCHMITT, G. H.
Vasopressin-aldosterone interrelationships in diuresis and antidiuresis-relevance to space travel. 21 p3574 A67-38082
- SCHMITT, J.
Amplification of acoustic waves in a cadmium sulfide crystal /Amplification d'ondes acoustiques dans un cristal de sulfure de cadmium/. 09 p1558 A67-22591
CdS sub 2 crystal amplifier /Amplificateur a cristal de sulfure de cadmium/. 23 p3977 A67-40690
- SCHMITT, J. W.
Rankine cycle powerplant characteristics for electric propulsion manned Mars mission. [AIAA PAPER 66-894] 03 p0504 A67-14274
Rankine cycle powerplant characteristics for electric propulsion manned Mars mission. 22 p3869 A67-40173
- SCHMITT, R.
Some preliminary results concerning heavy cosmic ions in ionographic emulsions exposed in a satellite /Quelques resultats preliminaires concernant les ions lourds cosmiques dans des emulsions ionographiques exposees en satellite/. 12 p1999 A67-25829
Heavy cosmic ions obtained in ionospheric emulsions exposed in a polar satellite /Ions lourds cosmiques obtenus dans des emulsions ionographiques exposees en satellite polaire/. 12 p1999 A67-25830
- SCHMITT, R. A.
Meteoritic, solar and terrestrial rare-earth distributions. 10 p1651 A67-23428
Silicon abundances in meteoritic chondrules. 24 p4236 A67-42644
- SCHMITZ, A.
Solid circuits. 03 p0387 A67-14000
- SCHMITZ, G.
Effect of radial mass flow on electric arcs /Der Einfluss einer radialen Masseneinstroemung auf elektrische Lichtboegen/. 17 p2910 A67-33366
The analysis of a transpiration-cooled arc. 19 p3280 A67-35148
- SCHMITZ, G. K.
Testing of fibers. 11 p1811 A67-24587
Development of filament reinforced titanium alloys. [SAE PAPER 670862] 24 p4172 A67-42004
- SCHMITZ, J. A.
Shunt for pulsed current experiments on superconducting wires. 08 p1367 A67-20378
- SCHMITZ, R. A.
An analytical study of the stability of a laminar diffusion flame. 02 p0342 A67-12028
Further study of diffusion flame stability. 13 p2221 A67-26260
Dynamics of heterogeneous reaction at a stagnation point. 19 p3211 A67-35740
- SCHNABLE, G. L.
Development of large-area 200-volt planar voltage-variable capacitance diodes. 09 p1475 A67-22207
- SCHNACKE, A. W.
Potassium Rankine cycle turboelectric space power system. 20 p3364 A67-37018
- SCHNAPF, A.
The performance of the Tiros IX wheel satellite. 16 p2756 A67-30624
TIROS/TOS - The global operational weather satellite. 22 p3899 A67-39608
- SCHNECK, P.
Comparison of some recent experimental and numerical results in Benard convection. 16 p2860 A67-31215
- SCHNEER, G. H.
Second breakdown and degradation in germanium alloy junctions. 07 p1157 A67-19905
- SCHNEIDER, A.
Specific problems of VTOL jet air traffic /Spezielle Probleme eines Vertikalstart-Strahlflugverkehrs/. 03 p0357 A67-12973
- SCHNEIDER, A. M.
Rescue mission planning. 15 p2555 A67-29609
Equations of motion for a variable-mass inertially-guided system. 22 p3832 A67-40099
Flight plans for injection of synchronous satellites. 22 p3886 A67-40116
Recent developments in variable point guidance for space rendezvous and rescue. 24 p4182 A67-42907
- SCHNEIDER, B. R.
Electroforming thin shells for experimental studies. 13 p2219 A67-27184
- SCHNEIDER, C.
Spectrometry of solar protons on board the satellite ESRO II /Spectrometrie des protons solaires a bord du satellite ESRO II/. 21 p3629 A67-38663
Experimental unit on board the satellite "HEOS A" for the investigation of proton and alpha solar radiation /Ensemble experimental embarque a bord du satellite "HEOS A" pour l'etude du rayonnement en protons et alpha solaires/. 21 p3629 A67-38665
- SCHNEIDER, C. P.
Sintered-metal friction materials. 01 p0099 A67-10710
- SCHNEIDER, D. B.
Calibrating cryogenic sensors. [ISA PAPER 12-11-2-68] 11 p1795 A67-25080
- SCHNEIDER, H.
Modern fabricating techniques for aircraft and spacecraft /Moderne Fertigungsverfahren fuer Luft-und Raumfahrzeuge/. 01 p0078 A67-10304
The diagonal equivalence of a nonnegative matrix to a stochastic matrix. 04 p0645 A67-15082
International space-travel developments /Die Raumfahrtentwicklung im internationalen Rahmen/. 22 p3922 A67-39532
- SCHNEIDER, H. M.
Linearization of the oscillations in a plasma slab. 05 p0859 A67-17448

- SCHNEIDER, J. F.**
The operation of the Holloman data center. 07 p1148 A67-19743
Radioactive dispersions for radioactive ablation sensors. 19 p3227 A67-34821
- SCHNEIDER, J. R.**
Ring laser yields highly accurate flow measurements. 22 p3800 A67-39892
- SCHNEIDER, J. W.**
Management and the computer controlled data system. 01 p0031 A67-11119
- SCHNEIDER, L.**
Effect of the boundary-layer profile at separation on the evolution of a wake. 14 p2297 A67-28129
- SCHNEIDER, M.**
Determination of the semiconductor character of mercury selenide by studying HgSe-CdTe alloys /Determination du caractere semiconducteur du seleniure de mercure par l'etude de la reflectivite des allages HgSe-CdTe/. 03 p0499 A67-13886
Interpretation of the electrical properties of mercury selenide and its alloys with tellurium and cadmium /Interpretation des proprietes electriques du seleniure de mercure et de ses allages avec le tellure de cadmium/. 09 p1557 A67-22556
Practical aspects of thick film technology. 16 p2641 A67-31621
- SCHNEIDER, M. F.**
Radiation measurements aboard the fourth Gemini flight. 15 p2425 A67-29105
- SCHNEIDER, M. V.**
Schottky barrier photodiodes with antireflection coating. 04 p0582 A67-15078
- SCHNEIDER, O.**
Interaction of the moon with the earth's magnetosphere. 14 p2388 A67-28619
- SCHNEIDER, P. J.**
Thermal equilibration. 08 p1429 A67-21527
- SCHNEIDER, P. R.**
On-line reliability calculations to achieve a balanced design of an automatically repaired computer. 17 p2820 A67-32501
- SCHNEIDER, R. F.**
Analysis of Sofar bomb data. 20 p3484 A67-36558
- SCHNEIDER, R. T.**
Experimental investigation of closed-loop MPD power generation. 16 p2602 A67-30555
- SCHNEIDER, W.**
Theory of lateral transistors. 09 p1472 A67-21948
Direct observation of z-pinch in electron-hole plasma in InSb at 0.8 A. 21 p3666 A67-38356
The transonic wind tunnel at the aerodynamic research institute at Goettingen /Der Transsonische Windkanal der aerodynamischen Versuchsanstalt Goettingen/. 23 p3987 A67-41312
- SCHNEIDER, W. C.**
Gemini incentive program model. 08 p1430 A67-20974
Gemini incentive program model. 13 p2233 A67-27558
- SCHNEIDER, W. E.**
Spectral irradiances as determined through the use of prism and filter spectroradiometric techniques. 21 p3656 A67-37850
- SCHNEIDER, W. G.**
Flow phenomena and heat transfer effects in a 90 deg bend. 09 p1487 A67-21831
- SCHNEIDER, W. J.**
Some extensions of the Nevanlinna 2-constant theorem and the Hadamard 3-circle theorem. 10 p1673 A67-22965
- SCHNEIDERMAN, A. M.**
Axial current distribution in the exhaust of the magnetic annular arc. 06 p1075 A67-18850
A magnetic annular arc driven shock tube. 21 p3606 A67-37774
- SCHNEIDERMAN, D.**
The Mariner Venus 67 spacecraft and its evolution from Mariner IV. 09 p1571 A67-21682
- SCHNEIDMILLER, R. F.**
A compatibility study of SiC and B fibers in Be, Fe, Co, and Ni matrices. 03 p0444 A67-13430
- SCHNEITER, H.**
ESRO I research satellite II - Structural features and test results /Forschungssatellit ESRO I - Konstruktionsmerkmale und Pruefergebnisse/. 13 p2211 A67-26583
- SCHNETZLER, C. C.**
Rare earth abundances in an anorthosite and a mangerite. 03 p0513 A67-14006
Rare-earth and barium abundances in the Bununu howardite. 07 p1249 A67-19537
Rare-earth and barium abundances in Ivory Coast tektites and rocks from the Bosumtwi Crater area, Ghana. 24 p4236 A67-42645
- SCHNITZER, S.**
Directory of RCA environmental test facilities. 03 p0396 A67-13635
- SCHNITZLER, W.**
Control behavior of a VTOL aircraft in transition and the control considerations that derive from it /Das Steuerverhalten eines Senkrechtstarters im Uebergangsflyug und regeltechnische Folgerungen/. 03 p0358 A67-12982
- SCHNOES, H. K.**
The organic geochemistry of ancient sediments. II. 05 p0797 A67-16580
Structures and stereochemistry of clivonine and clivimine. 09 p1458 A67-22059
- SCHNOPPER, H. W.**
A combined focusing X-ray diffractometer and nondispersive X-ray spectrometer for lunar and planetary analysis. 01 p0067 A67-10689
- SCHNUPP, P.**
A delta-well model for solid-state tunnelling. 19 p3308 A67-36039
Kroning-Penney-type calculations for electron tunneling through thin dielectric films. 20 p3508 A67-36424
- SCHNURE, S. A.**
Experimental results of a transpiration-cooled turbine operated in an engine for 150 hours at 2500 F turbine inlet temperature. [ASME PAPER 67-GT-29] 11 p1854 A67-24807
- SCHOCH, K. F.**
A superconducting gyroscope for gimballed platform application. 13 p2122 A67-27683
- SCHOCKEN, K.**
The heat transfer through powders. [AIAA PAPER 67-285] 12 p2035 A67-26002
- SCHOECK, P. A.**
The energy balance of electric arcs without and with superimposed gas flow. [DVL-626] 19 p3280 A67-35146
Oscillations of electric arcs with superimposed gas flow. [DVL-629] 19 p3280 A67-35147
- SCHOEN, R. I.**
Evaporation of ice in space - Saturn's rings. 21 p3705 A67-38599
- SCHOENAUER, W.**
Effect of a small unsteady perturbation on a laminar boundary layer /Der Einfluss einer kleinen Instationaeren Stroerung auf die laminare Grenzschicht/. 13 p2094 A67-26645
Calculation of laminar suction boundary layers by means of differential calculus /Die Berechnung der laminaren Absauggrenzschicht mit dem Differenzverfahren/. 17 p2790 A67-32260
- SCHOENBERG, I. J.**
On variation diminishing spline approximation methods. 13 p2147 A67-27468
- SCHOENBERGER, M.**
Optimization and implementation of system control laws. 08 p1309 A67-20331
- SCHOENHALS, R. J.**
Pressure distribution and bubble formation induced by longitudinal vibration of a flexible liquid-filled cylinder. [ASME PAPER 67-FE-1] 14 p2304 A67-28354
Effects of longitudinal vibration on discharge of liquids from propellant tanks. 16 p2658 A67-30946
A similarity study of gravity and pressure driven discharge of liquids from propellant tanks. 22 p3785 A67-39969
- SCHOENMAN, L.**
Application of laminar boundary layer heat transfer theory to low thrust rocket nozzles. [AIAA PAPER 67-447] 18 p3112 A67-33923
- SCHOESSOW, G. J.**
A generalized correlation of vaporization times of drops in film boiling on a flat plate. 04 p0734 A67-15850
Lendenfrost film boiling of drops on a moving surface. [AICHE PAPER 32] 20 p3552 A67-36833
- SCHOFFER, P.**
Evaluation of a distributed model of a photovoltaic cell. 23 p4046 A67-41487
- SCHOFIELD, B. E.**
Computer-aided design of skin-stiffened compression panels. 10 p1726 A67-23720
- SCHOFIELD, D.**
Three-dimensional flow near a two-dimensional stagnation point. 13 p2050 A67-26912
- SCHOFIELD, D. G.**
Spatial coherence and mode structure in the He-Ne laser. 24 p4167 A67-42091
- SCHOFIELD, K.**
An evaluation of kinetic rate data for reactions of neutrals of atmospheric interest. 17 p2809 A67-33240
- SCHOFIELD, W. H.**
Some automatic landing system design considerations for scheduled operations. [AIAA PAPER 67-406] 15 p2516 A67-30373
- SCHOLEFIELD, P. H. R.**
Statistical aspects of ideal radar targets. 13 p2067 A67-26520
- SCHOLER, M.**
Ambipolar diffusion of a plasma cloud in a magnetic field. 10 p1648 A67-23293
- SCHOLES, W. J.**
The Eppley-JPL solar constant measurement experiment. 02 p0328 A67-12396
Calibration of the earth albedo experimental package of the OSO satellite series. 02 p0246 A67-12401
Multichannel radiometer measurement of solar irradiance. 06 p1003 A67-18318
Multichannel radiometer measurement of solar irradiance. 21 p3624 A67-37794
- SCHOLHAMMER, F. R.**
Hand-held electron beam gun for in-space welding. 20 p3454 A67-36575
- SCHOLLMER, G.**
Properties of chromium-doped rutile for microwave masers /Eigenschaften von chromdotiertem Rutil fuer Mikrowellenmaser/. 01 p0088 A67-10246
- SCHOLLMER, G. H. J.**
Czochralski-grown ruby as a maser material. 24 p4205 A67-42813
- SCHOLTZ, R. A.**
Signal design for phase-incoherent communications. 06 p0962 A67-17945
- SCHOLZ, H.**
Optical and electrical properties of Cu-doped GaP. II. 03 p0491 A67-13202
- SCHOLZ, P. D.**
Coupling efficiency of the radio frequency plasma torch. 12 p1976 A67-25925
- SCHONENBERG, H. J.**
Gulfstream II maintainability program - Simplified methods producing optimum results. [AIAA PAPER 67-383] 15 p2421 A67-30352
- SCHOOLEY, J. F.**
Superconductivity in semiconducting SrTiO sub 3. 06 p1069 A67-18980
Superconductive properties of ceramic mixed titanates. 19 p3302 A67-35037
Effect of stress on the superconductive transition temperature of strontium titanate. 22 p3863 A67-40244
- SCHOPPER, E.**
Nucleons in the atmosphere /Nukleonen in der Atmosphaere/. 14 p2380 A67-27966
- SCHORN, R. A.**
High-dispersion spectroscopic observations of Mars. I. 03 p0514 A67-14309
High-dispersion spectroscopic observations of Mars. II. [JPL-TR-32-1048] 09 p1566 A67-22235
The Martian surface pressure. 14 p2389 A67-28842
Mercury - Observations of the 3.4-millimeter radio emission. 22 p3889 A67-40240
- SCHORT, D. R., JR.**
Measurements of the discharge characteristics of sharp-edged and round-edged orifices in the transition regime. 14 p2300 A67-28180
- SCHOTT, G. L.**
Post-induction kinetics in shock-initiated H sub 2-O sub 2 reactions. 18 p3153 A67-33823
Shock-tube study of chain branching during the induction period of the hydrogen-oxygen reaction. 18 p2998 A67-34519
- SCHOTT, L.**
Orbit analyzer probes for the measurement of plasma temperatures. 22 p3798 A67-39626
- SCHOTTE, J.**
Comparative investigation of the physical fitness of man with respect to manual labor, oxygen deficiency, and acceleration /Vergleichende Untersuchungen der koerperlichen Leistungsaehigkeit des Menschen bei Muskelaerbeit, im Sauerstoffmangel und bei Beschleunigung/. 03 p0364 A67-13924

- SCHOWALTER, W. R.
Plane Couette flow of rarefied gases. 11 p1774 A67-23863
Velocity profiles of a non-Newtonian fluid in helical flow. 24 p4145 A67-42708
- SCHRADE, H. O.
On arc pumping and the motion of electric arcs in a transverse magnetic field. 19 p3281 A67-35151
- SCHRADER, D. H.
Amplification of irregularities in the ionosphere. 04 p0615 A67-14959
- SCHRADER, E. R.
A 14 Tesla 15-cm bore superconductive magnet. 20 p3512 A67-37347
- SCHRADER, K. H.
A language and an ALGOL program system for problems of system mechanics /MESY/ /Eine Sprache und ein ALGOL-Programmsystem fuer Probleme der Mechanik der Systeme /MESY//. 14 p2276 A67-29000
- SCHRAM, P. P. J. M.
Qualitative stabilizing and destabilizing effects in the macroscopic theory. 10 p1685 A67-23465
Persistence of MHD-stability in the two-fluid model. 22 p3851 A67-39984
- SCHRAUTEMEIER, B. E.
Energy spectrum and geomagnetic cut-off of primary cosmic-ray alpha-particles near 41 deg N mag. 09 p1562 A67-22418
- SCHREDER, G. P.
Pair production in photon-photon collisions. 13 p2161 A67-27733
Opacity of the universe to high-energy photons. 13 p2161 A67-27734
- SCHREIBER, H.
Analytical method for determining the electron density in the magnetosphere from whistler data /Ein analytischer Weg zur Bestimmung der Elektronendichte in der Magnetosphäre aus Whistler-Daten/. 13 p2111 A67-26576
- SCHREIBER, P. W.
Diagnostic techniques for atmospheric pressure arc plasmas. 12 p1973 A67-25393
- SCHREIBER, R. E.
A look at nuclear thermionic systems. [AIAA PAPER 67-498] 18 p3076 A67-33962
- SCHREIBER, S.
The relationship of management to some aspects of reliability during the Athena program. 18 p3138 A67-34651
- SCHREIBER, W. F.
Picture coding. 11 p1791 A67-24711
- SCHREIDER, I. U. A.
The Monte Carlo Method-the Method of Statistical Trials. 03 p0462 A67-14256
- SCHREITMUELLER, K. R.
Electric thrusters for communication satellites. 23 p4049 A67-41428
- SCHRENK, G. L.
The optimization of space-craft coating patterns for temperature control. [ASME PAPER 67-HT-55] 20 p3548 A67-38737
Numerical solution to the heat-transfer equations with combined conduction and radiation. 23 p4082 A67-40997
Models for electron emission from metals with adsorbed monolayers. 24 p4202 A67-42087
- SCHRENK, L. P.
Vehicle volume and design criteria for manned lunar roving vehicles. 23 p3970 A67-41658
- SCHRIK, G. H.
VLF measurements, antennas and receivers /3-30 KHz/. 17 p2824 A67-32494
- SCHROEDER, H.
Stresses and stress relaxation in thin oxide films at elevated temperatures /Spannungen und Spannungsrelaxation in duennen Oxid-Schichten bei hoeheren Temperaturen/. 02 p0288 A67-11719
- SCHROEDER, H. J.
Performance parameters of the ejector and compressor in working diagrams /Die Arbeitsgrossen der Strahlpumpe und des Strahlgeblaeses in Uebersichtsdiagrammen/. 03 p0353 A67-14305
- SCHROEDER, J.
A general variational theorem in classical plasticity. 18 p3143 A67-34006
- SCHROEDER, L. W.
Three-color photometry of DQ Cephei. 05 p0891 A67-16405
- SCHROEDER, P. M.
Application of aerodynamic deceleration systems to target drones. 17 p2797 A67-32573
- SCHROEDER, R.
Lubrication review - A digest of the literature for 1965. [ASME PAPER 66-WA/LUB-8] 04 p0629 A67-15349
- SCHROEDER, R. W.
Flapping motions of helicopters in the control axes system /Die Schlagbewegungen von Hubschraubern im Steuerrachsensystem/. 06 p0935 A67-17629
- SCHROEDER, R. W.
Status of the NERVA program. [AIAA PAPER 67-487] 18 p3076 A67-33953
- SCHROEDER, W.
The latitudinal shift of noctilucent clouds /Zur Breitenwanderung der leuchtenden Nachtwolken/. 10 p1677 A67-23501
Catalog of German polar-aurora observations during the period 1882 to 1956 /Katalog Deutscher Polarlichtbeobachtungen fuer die Jahre 1882-1956/. 13 p2109 A67-26431
Development of the polar aurora of September 13, 1957 /Die Entfaltung des Polarlichtes vom 13.9.1957/. 13 p2115 A67-27393
Statistics of polar auroras /Statistik roter Polarlichter/. 13 p2116 A67-27394
Development of the aurora of July 8, 1958 /Die Entfaltung des Polarlichtes vom 8.7. 1958/. 19 p3225 A67-35618
The widespread frequency of noctilucent clouds /Zur weitraeumigen Haeufigkeit der leuchtenden Nachtwolken/. 21 p3618 A67-38447
- SCHROEN, W.
Ion transport on and through thin oxide layers of MOS structures. 02 p0293 A67-11750
Second breakdown in simplified transistor structures and diodes. 02 p0222 A67-12649
- SCHROETER, D.
A versatile aluminum alloy for cryogenic applications. 13 p2142 A67-27673
- SCHROETER, E. H.
Center-to-limb variations of the intensity and the wavelength of several Fraunhofer lines along the sun's polar and equatorial diameter. 11 p1861 A67-24492
The Evershed-effect for an isolated, symmetrical sunspot. 13 p2204 A67-27430
- SCHROETTER, H. W.
Improvement of resolution by a photoelectric Raman spectrometer with He-Ne laser excitation. 09 p1492 A67-21561
Recording of Raman spectra excited by quasi-continuous and continuous ruby lasers /Registrierung von Ramanspektren bei Erregung mit quasikontinuierlichen und kontinuierlichen Rubinlasern/. 19 p3240 A67-35546
- SCHUBART, J.
Special cases of the restricted problem of three bodies. 06 p1381 A67-20389
Determination of the astronomical unit by the dynamical method. 15 p2555 A67-29577
Motion of asteroids /Planetoidenbewegung/. 15 p2559 A67-30038
- SCHUBERT, C.
Some applications of the theory of unbounded operators to ordinary differential equations. 20 p3478 A67-37575
- SCHUBERT, D.
Observation of coupled oscillations between the modes of a He-Ne laser /Beobachtung von Koppelschwingungen zwischen den Moden eines He-Ne Lasers/. 14 p2331 A67-28603
- SCHUBERT, G.
Viscous incompressible flow over wall projections and depressions. 06 p0992 A67-18887
The dynamics of turbulence near a wall according to a linear model. 19 p3209 A67-35414
- SCHUBERT, H.
Analytical investigation of hexogen-octogen mixtures /Analytische Untersuchung von Hexogen-Octogen-Gemischen/. 05 p0872 A67-17153
Determination of the mechanical properties of solid propellants /Ermittlung der mechanischen Eigenschaften von Raketenfesttreibstoffen/. 08 p1373 A67-20720
- SCHUBERT, J.
The gain and the admittance matrix of neutralized amplifier stages. 01 p0035 A67-10432
The plug contact - An important component of electronic devices. I /Die Steckverbindung - Ein wichtiger Bestandteil elektronischer Gerate. I/. 04 p0580 A67-14589
- SCHUBERT, S. R.
The derivation of the deflection of the vertical from Stokes formula. 09 p1492 A67-22681
- SCHUCHARDT, W.
Electrical Communications Techniques. Part 2 - High-Frequency Techniques /Elektrische Nachrichtentechnik. Part 2 - Hochfrequenztechnik/. 21 p3597 A67-38532
- SCHUEGRAF, E.
Microwave measurements of varactor-diode impedance in the temperature range from 4.2 to 300 deg K /Impedanzmessung an Kapazitaetsdioden bei Mikrowellen im Temperaturbereich von 4.2 deg K bis 300 deg K/. 07 p1152 A67-19551
- SCHUERCH, H.
Large-sized orbiting radio telescopes. 02 p0334 A67-12360
Performance-weight relations and shape parameters for Maxwell structures. 06 p1111 A67-18884
Structural considerations in design of a large sized orbiting radio telescope. 10 p1723 A67-23698
- SCHUERGER, K.
Reliability and anthropotechnical viewpoints /Zuverlaessigkeit und anthropotechnische Gesichtspunkte/. 22 p3754 A67-39280
- SCHUERMANN, J.
High-resolution flying-spot scanner as an input device for the computer simulation of optical character-recognition systems /Ein Lichtpunktscanner hoher Auflöesung als Eingabegeraet fuer ein Simulationssystem zum Studium optischer Zeichenerkennungsprobleme/. 18 p3006 A67-34403
- SCHUERMEYER, F. L.
Interpretation of low-voltage photomeasurements in metal-insulator-metal films. 02 p0301 A67-12519
- SCHUESSLER, W.
The measurement of the spectra of pulsed signals /Die Messung der Spektren impulsformiger Signale/. 19 p3182 A67-35031
- SCHUETTE, K.
Simple rendezvous maneuver in an elliptical orbit /Einfache Rendezvous-Manöver bei elliptischer Zielbahn/. 08 p1410 A67-20640
Index of mathematical tables /Index mathematischer Tafelwerke und Tabellen/. 2nd Revised Edition/. 08 p1431 A67-21541
- SCHUETTLIOFFEL, E.
The Flexwell waveguide, a low loss flexible microwave transmission line. 13 p2084 A67-27581
- SCHUH, H.
Heat transfer by arrays of two-dimensional jets directed normal to surfaces including the effects of a superposed wall-parallel flow. 04 p0732 A67-15836
- SCHUH, R. P.
An integrated software system for hybrid flight simulation - The Boeing hybrid simulator. 05 p0789 A67-17515
- SCHULE, J. J., JR.
An oceanographic aircraft. [AIAA PAPER 66-695] 09 p1441 A67-22496
- SCHULER, A. R.
Measuring rotational motion with linear accelerometers. 16 p2875 A67-31266
Damping gimballess inertial navigation systems. 16 p2701 A67-31268
- SCHULHOF, R. J.
Application of Bayesian statistics in reliability. 01 p0085 A67-11381
An integrated plan for reliability demonstration through safety margin testing. 05 p0813 A67-17253
- SCHULLER, F. T.
Experiments with hydrodynamic journal bearings of various materials and designs in sodium at temperatures to 800 deg F. 03 p0428 A67-13227
Experiments with hydrodynamic journal bearings of various materials and designs in sodium at temperatures to 800 deg F. [ASLE PAPER 67-LC-7] 24 p4184 A67-42746
- SCHULMAN, F.
Lunar power systems. [AIAA PAPER 67-902] 24 p4110 A67-43010
- SCHULMAN, S.
Methods of single fiber evaluation. 21 p3649 A67-37883
- SCHULTE, E. H.
Semiconductor surface thermocouples for determining heat-transfer rates. 18 p3048 A67-34103

- SCHULTE, H.**
Direct two-dimensional operator calculus for solving partial differential equations and its application to the numerical solution of partial differential equations /Ein direkter zweidimensionaler Operatorenkalkuel zur Loesung partieller Differenzengleichungen und seine Anwendung bei der numerischen Loesung partieller Differentialgleichungen/. 13 p2146 A67-26745
- SCHULTE, L. O.**
Lunar applications of a spent S-IVB/IU stage /LASS/. [AIAA PAPER 67-986] 24 p4246 A67-43058
- SCHULTEN, G.**
Microwave optical ring resonators. 09 p1513 A67-22088
- SCHULTES, H.**
Tritium diffusion measurements of proton-irradiated samples of the iron meteorite Sikhote-Alin /Tritium-Diffusionsmessungen an protonenbestrahlten Proben des Eisenmeteoriten Sikhote-Alin/. 17 p2942 A67-32357
- SCHULTZ-GRUNOW, F.**
The electrical characteristics of an MHD generator connected to an arbitrary load resistance network and the experimental determination of the internal conductance matrix. 16 p2600 A67-30534
Influence of longitudinal wall curvature on the stability of boundary-layer flow. 23 p3992 A67-41733
- SCHULTZ, A. P.**
Packaging of a satellite plated wire memory. 21 p3595 A67-38339
- SCHULTZ, A. W.**
Correlation and analysis of ultrasonic test results in evaluating reinforced resin laminates. 19 p3249 A67-35554
- SCHULTZ, C. H.**
The mutual interpretation of active and passive microwave sensor outputs. 01 p0021 A67-10333
- SCHULTZ, D. G.**
A generalized Zubov formulation for limit cycles in third order nonlinear systems. 08 p1311 A67-20345
A closed-loop, approximately time-optimal control method for linear systems. 11 p1771 A67-24897
- SCHULTZ, D. L.**
The determination of fluctuating velocity in air with heated thin film gauges. 20 p3447 A67-36846
- SCHULTZ, D. N.**
Attitude control and precision pointing of the Apollo telescope mount. [AIAA PAPER 67-534] 19 p3334 A67-35936
- SCHULTZ, F. V.**
Electromagnetic plane wave scattering from a plasma-coated conducting cylinder. 20 p3389 A67-37706
- SCHULTZ, L.**
Tritium loss in iron meteorites. 11 p1866 A67-24694
Noble-gas measurements of iron meteorites /Edelgasmessungen an Eisenmeteoriten/. 17 p2942 A67-32358
Helium and neon isotopes in iron meteorites and the tritium loss in hexahedrites /Helium- und Neonisotope in Eisenmeteoriten und der Tritiumverlust in Hexaedriten/. 17 p2942 A67-32359
- SCHULTZ, R. L.**
A simple guidance scheme for lifting body reentry vehicles. [AIAA PAPER 67-136] 06 p1095 A67-18316
Theoretical performance of various chemical fuels for auxillary power. [SAE PAPER 670205] 12 p1987 A67-25866
- SCHULTZ, T. J.**
Electrostatic loudspeakers for aircraft communication. 11 p1767 A67-24702
- SCHULTZE, W.**
Design of solar cells - The energy supply equipment of satellites /Dimensionierung von Solarzellenenergieversorgungsanlagen fuer Satelliten/. 04 p0558 A67-15956
- SCHULZ, D. P.**
Integrating space telemetry systems with compatible thin films on silicon. 16 p2641 A67-31559
- SCHULZ, G.**
Excitation of a UHF oscillation spectrum by fast primary electrons in front of the cathode of a low-pressure Hg discharge /Anregung eines UHF-Schwingungsspektrums durch schnelle Primaerelektronen vor der Kathode einer Hg-Niederdruckentladung/. 08 p1358 A67-20869
- SCHULZ, G. J.**
Theory of electron collision experiments at intermediate and high gas densities. 04 p0662 A67-15769
Kinetic-energy distribution of negative ions formed by dissociative attachment and the measurement of the electron affinity of oxygen. 14 p2350 A67-28151
Isotope effect in the dissociative attachment in H sub 2 at low energy. 17 p2889 A67-33223
Recent advances in low-energy electron collisions with atoms and molecules. 19 p3264 A67-35068
- SCHULZ, H.**
Contribution to fuselage optimization of short-haul transport aircraft /Beitrag zur Rumpfoptimierung eines Kurzstrecken-Verkehrflugzeuges/. 02 p0181 A67-12199
- SCHULZ, H.-J.**
Electron radiation damage in CdSe crystals. 17 p2916 A67-32838
- SCHULZ, M.**
Possibility of ion-wave amplification in a plasma. 08 p1365 A67-21414
Acoustic wave mode in a weakly ionized gas. 17 p2909 A67-33229
- SCHULZ, M. B.**
Optical pulse compression using Bragg scattering by ultrasonic waves. 24 p4188 A67-42368
- SCHULZ, T.**
Preliminary experiments in the MHD staustahlrohr project /Vorlaeufige experimente zum projekt MHD-Staustahlrohr/. 04 p0560 A67-15966
Experimental study of a liquid-metal, self-excited MHD induction generator. 12 p1897 A67-25378
Energy conversion with liquid metal working fluids in MHD-staustahlrohr. 16 p2604 A67-30572
- SCHULZ, W.**
Mathematics and flight mechanics /Mathematik und Flugmechanik/. 06 p0947 A67-18016
The 8051A loudness analyzer /Lautheitsanalysator "8051A"/. 22 p3810 A67-40561
Wissenschaftliche Gesellschaft fuer Luft- und Raumfahrt, Annual Reports 1966 /Wissenschaftliche Gesellschaft fuer Luft- und Raumfahrt, Jahrbuch 1966/. 23 p3929 A67-41304
- SCHULZ, W. J.**
The activity of copper in solid copper-platinum alloys and some observations on the ordering of Cu sub 3 Pt. 17 p2872 A67-32739
- SCHULZE, R.**
Total radiation intensity and spectral distribution of solar radiation /Zur Gesamtbestrahlungsstaerke und spektralen Verteilung der Sonnenstrahlung/. 22 p3874 A67-40031
- SCHULZE, R. G.**
Some characteristics of GaAs-Ge epitaxy. 02 p0299 A67-11895
- SCHUMACHER, B. W.**
Local density determinations in rarefied gas flows by measuring the large-angle single-scattering from an electron beam. 15 p2490 A67-30152
- SCHUMACHER, H. L.**
Dissipation loss of Chebyshev band pass filters. 22 p3774 A67-40344
- SCHUMACHER, J.**
Gas-discharge laser detector. 23 p4012 A67-40894
- SCHUMACHER, R. N.**
Unsteady control surface loads of lifting re-entry vehicles at very high speeds. [AIAA PAPER 67-15] 07 p1258 A67-19430
- SCHUMANN, R. P., JR.**
Comparison of classical approximations to free carrier absorption in semiconductors. 21 p3878 A67-38155
- SCHUREK, O.**
Simplified method of measurement of temperature fields behind the combustion chambers of turbojet engines /Zjednodusena metoda mereni teplotnich poli za spalovacimi komorami proudovych motoru/. 09 p1560 A67-22464
- SCHURER, F.**
On the construction of linear positive operators in approximation theory. 13 p2148 A67-27474
- SCHURMANN, H. W.**
The optics of electrically and magnetically anisotropic media /Zur Optik elektrisch und magnetisch anisotroper Medien/. 24 p4119 A67-41889
- SCHUSSEL, G.**
Characteristics and problems of aerospace company management. 12 p2041 A67-25742
- SCHUSTER, D. M.**
Single and multi-fiber interactions in discontinuously reinforced composites. 10 p1671 A67-23705
- SCHUSTER, M. A.**
A monolithic mosaic of photon sensors for solid-state imaging applications. 09 p1476 A67-22209
- SCHUSTER, S. E.**
Design of large-scale integrated logic circuits using MOS devices. 18 p3014 A67-34554
- SCHUTT, W. D.**
The relationship of management to some aspects of reliability during the Athena program. 18 p3138 A67-34651
- SCHUTZ, F. L.**
The integration of scientific instruments into Mariner IV. 16 p2757 A67-30640
- SCHURMAN, W.**
Theory of current-voltage characteristics of a low pressure discharge in a planar magnetron. 19 p3277 A67-35120
An annular ion source with hydrogen emitting anode. 19 p3297 A67-35596
- SCHUYLER, F. L.**
Extension of an aerothermochemical analysis of solid propellant combustion. 01 p0143 A67-11449
An aerothermochemical analysis of solid propellant combustion. 01 p0143 A67-11450
An aerothermochemical analysis of solid propellant combustion. 04 p0722 A67-14824
- SCHWAB, C.**
Optical properties of AuCl at low temperatures /Proprietes optiques de AuCl aux basses temperatures/. 18 p3101 A67-34187
- SCHWAB, D. E.**
Techniques for elevated-temperature tensile testing of thin super alloys. 03 p0446 A67-13553
- SCHWALB, A. J.**
Generalized dissociating gas flow. 20 p3420 A67-36599
- SCHWALLER, P.**
Interferometry of resonator modes in submillimeter wave lasers. 13 p2129 A67-27347
- SCHWAR, M. J. R.**
Point holograms as optical elements. 18 p3048 A67-34194
- SCHWARTZ, A. S.**
Irradiation-induced densification of pyrolytic carbon. 08 p1346 A67-21542
- SCHWARTZ, A. W.**
Condensation of cytidylic acid in the presence of polyphosphoric acid. 13 p2065 A67-27183
- SCHWARTZ, B.**
Strapdown inertial navigation systems. 14 p2348 A67-29080
- SCHWARTZ, B. B.**
Flux-hole motion and the peak effect in superconductivity. 20 p3505 A67-36209
- SCHWARTZ, D. A.**
The upper limit solar gamma-ray spectrum to 10 Mev. 04 p0693 A67-14974
- SCHWARTZ, E.**
Scattering or operational matrices with passive and active reference impedances /Streu-oder Betriebsmatrizen mit passiven und aktiven Bezugsimpedanzen/. 16 p2830 A67-31719
- SCHWARTZ, E. I.**
Detecting a signal digitally. 10 p1604 A67-22970
- SCHWARTZ, H. J.**
Fuel cells. 20 p3363 A67-37011
Survey of electric power plants for space application. 20 p3364 A67-37017
- SCHWARTZ, H. S.**
Mechanical behavior of beryllium wire reinforced plastic composites. 03 p0442 A67-13404
Characteristics of boron fibers and boron-fiber-reinforced plastic composites. 06 p1021 A67-18855
Yielding phenomena in beryllium wire plastic composites. 08 p1341 A67-20428
Development of structural plastic composites incorporating new high modulus reinforcements. 10 p1671 A67-23704
Translation of fiber properties into composites. 21 p3649 A67-37882
- SCHWARTZ, J.**
Effects of internal induced absorption on

laser emission. 24 p4168 A67-42370
 SCHWARTZ, L.
 Optimal multichannel nonlinear filtering. 04 p0592 A67-15084
 SCHWARTZ, L. H.
 A study of precipitation in stainless and maraging steels using the Moessbauer effect. 02 p0256 A67-12705
 Moessbauer spectra of FeMo alloys. 24 p4203 A67-42108
 SCHWARTZ, M.
 Communication systems and techniques. 01 p0021 A67-10306
 SCHWARTZ, M. M.
 Vacuum brazing - From aluminum alloys up through the refractory metals. 03 p0430 A67-13555
 Brazing breakthrough joins refractory honeycomb. 10 p1660 A67-23171
 SCHWARTZ, R. A.
 Gravitational collapse, neutrinos and supernovae. 16 p2752 A67-31541
 SCHWARTZ, R. J.
 Thermoelectric and galvanomagnetic measurements on /Bi sub 2 Te sub 3/ sub 5 /Bi sub 2 Se sub 3/ sub 1 /Sb sub 2 Te sub 3/ sub 18. 18 p3105 A67-34632
 SCHWARTZ, R. T.
 Graphite fiber reinforced composites. 03 p0452 A67-13402
 Mechanical behavior of beryllium wire reinforced plastic composites. 03 p0442 A67-13404
 Continuous silicon carbide filaments. 03 p0454 A67-13422
 Characteristics of boron fibers and boron-fiber-reinforced plastic composites. 06 p1021 A67-18855
 SCHWARTZ, S.
 Integrated circuits in action. 06 p0968 A67-18054
 IV. Automatic curing of reinforced plastics in space. 08 p1345 A67-20433
 Development of self-sealant techniques for micrometeoroid protection of aerospace vehicles. 10 p1673 A67-23748
 Infrared testing and mask alignment. 19 p3192 A67-35025
 Automatic integrated circuit test equipment. 19 p3192 A67-35027
 Determination of the thickness of aluminum on silicon by X-ray fluorescence. 24 p4200 A67-41803
 SCHWARTZ, S. H.
 The thermodynamics of space storage of liquid propellants. 12 p2034 A67-25729
 Thermal problems peculiar to cryogenics in space. 17 p2966 A67-32010
 Nucleate pool boiling at high G levels. [AICHE PAPER 4] 20 p3552 A67-36826
 SCHWARTZBERG, F. R.
 A review of cryogenic fracture toughness behavior. 13 p2220 A67-27671
 SCHWARZ, E.
 Slide rule for flight trajectory calculations /Technische Kurzmittellungen aus den Instituten/. 02 p0240 A67-11553
 SCHWARZ, F.
 High accuracy, high reliability infrared horizon sensors for earth, lunar, and planetary use. 04 p0625 A67-15664
 SCHWARZ, G. R.
 Adaptive data compression. 11 p1756 A67-24709
 Analysis and simulation of data compression techniques. 14 p2275 A67-28683
 SCHWARZ, H.
 Application of gas bearings to closed-system Brayton-cycle turbomachinery - Recent accomplishments and potential problem areas. [ASME PAPER 66-GT/CLC-9] 01 p0080 A67-10871
 The reflection of electrons from standing light waves. 20 p3461 A67-37185
 Ion emission from metal surface irradiated by giant-pulse laser beam. 23 p4015 A67-41035
 SCHWARZ, M. E.
 Determination of microwave-tube transfer functions. 17 p2827 A67-32791
 SCHWARZ, S. E.
 Wave interactions in saturable absorbers. 07 p1234 A67-20094
 Passive-Q-switching of a CO sub 2 laser. 20 p3460 A67-36854
 SCHWARZ, U.
 Computer analysis of observed distributions into Gaussian components. 06 p0965 A67-18069
 SCHWARZ, W. H.
 Stability of the plane incompressible

viscous wall jet subjected to small disturbances. 16 p2660 A67-31213
 SCHWARZENBACH, J.
 A theoretical look at the use of functional nonlinearities in a gas turbine control system. 01 p0011 A67-10187
 Stability analysis for the practical engineer. 21 p3602 A67-38129
 SCHWARZKOPF, P.
 Controlled porosity microstructures by powder metallurgy. 01 p0100 A67-10723
 SCHWARZL, F. R.
 On mechanical properties of unfilled and filled elastomers. 08 p1420 A67-20890
 On mechanical properties of unfilled and filled elastomers. 19 p3249 A67-35888
 SCHWARZMANN, A.
 New techniques in microwave design. 13 p2072 A67-27450
 SCHWARZMUELLER, J.
 Temporary bleaching of doped alkali-halogen-crystals with a ruby laser /Temporaeres Bleichen in dotierten Alkalihalogenidkristallen mit einem Rubinlaser/. 12 p1951 A67-25200
 SCHWEBEL, C. D.
 Investigation of direct energy conversion utilizing a superconducting flux barrier. 22 p3748 A67-40151
 SCHWEGLER, H.
 Quantumstatistical thermodynamics with several temperatures for indivisible observation level /Quantenstatistische Thermodynamik mit mehreren Temperaturen bei nichtzerlegbarer Beobachtungsebene/. 10 p1733 A67-23477
 SCHWEIKER, J. W.
 Response of complex shell structures to buffeting flows. [AIAA PAPER 66-81] 02 p0337 A67-11930
 SCHWEIKHARD, W.
 A method for in-flight measurement of ground effect on fixed-wing aircraft. [AIAA PAPER 66-468] 02 p0180 A67-11513
 A method for in-flight measurement of ground effect on fixed-wing aircraft. [AIAA PAPER 66-468] 09 p1441 A67-22486
 SCHWEIKLE, J. D.
 Orbital experimentation for advancing cryogenic technology. [AIAA PAPER 67-454] 18 p3110 A67-33928
 SCHWEISCH, A.
 Testing system for helicopter rotors in the large wind tunnel at Modane-Avrieux /Installation d'essais de rotors d'helicopteres dans la grande soufflerie de Modane-Avrieux/. 23 p3986 A67-40575
 SCHWEISTHAL, R. J.
 Balanced-in-flight testing for manned spacecraft. [AIAA PAPER 67-949] 24 p4245 A67-43033
 SCHWEITZER, D. G.
 Experimental tests of the critical-state model for hysteretic superconductors. 07 p1233 A67-19642
 An explanation of the critical state and the constrained reversibility relations in hysteretic superconductors. 17 p2912 A67-32269
 Hysteresis in superconductors. I. 19 p3302 A67-35036
 SCHWEITZER, G.
 The stabilization of a parameter-excited oscillator /Zur Stabilitaet eines parametererregten Schwingers/. 13 p2153 A67-26624
 SCHWEITZER, S.
 Convergence of successive approximations to the scalar electrical conductivity of some weakly ionized real gases. 06 p1046 A67-18872
 Tensor electrical conductivity of atmospheric cesium-seeded argon. 12 p1975 A67-25893
 Electrical conductivity of a partially ionized gas in a magnetic field. 15 p2523 A67-29218
 First order effects of production on the continuum theory of spherical electrostatic probes. [AIAA PAPER 67-705] 21 p3672 A67-38732
 Flow of a conducting liquid in an annular gap - A restricted nonexistence proof. 23 p3992 A67-41742
 On the accuracy of calculating the scalar electrical conductivity at very low ionization levels. 23 p4035 A67-41753
 SCHWEITZER, W. G., JR.
 Ears on the line profile of decay transitions in a gas laser. 23 p4016 A67-41324
 SCHWEIZER, G.
 Generation and use of binary noise in

flight tests /Erzeugung und Verwendung von binaerem Rauschen bei Flugversuchen/. 08 p1270 A67-21005
 Control of earth satellites and space vehicles /Regelung von Erdsatelliten und Raumfahrzeugen/. 14 p2393 A67-27879
 New methods for controllability studies /Neuere Methoden fuer die Steuerbarkeitsuntersuchungen/. 18 p2993 A67-33457
 Some results of the development of the passive magnetic attitude control system for the German research satellite 625 A-1. 22 p3896 A67-39173
 Reliability and anthropotechnical viewpoints /Zuverlaessigkeit und anthropotechnische Gesichtspunkte/. 22 p3754 A67-39280
 SCHWEIZER, P.
 Instrument for digital analysis and storage of gas-pressure data. I /Eine Anlage zur digitalen Messung und Speicherung von Gasdruckverlaeufen. I/. 19 p3230 A67-35565
 An apparatus for the digital determination and storage of gas-pressure variations. III /Eine Anlage zur digitalen Messung und Speicherung von Gasdruckverlaeufen. III/. 22 p3804 A67-40328
 SCHWENDIMANN, P.
 The problem of a cylinder rotating in a rarefied gas. 13 p2101 A67-26963
 SCHWENK, F. C.
 Considerations of nuclear power and propulsion. [AAS PAPER 67-132] 15 p2516 A67-29967
 Propulsion for space - The nuclear rocket. 18 p3077 A67-34706
 SCHWENK, W.
 Weldability of titanium alloy sheets 6Al-6V-2Sn and 8Al-1Mo-IV. 09 p1520 A67-22621
 SCHWENTEK, H.
 The morphology of winter anomaly of absorption. 10 p1646 A67-23267
 Absorption of short waves in the ionosphere /Zur Absorption von Kurzwellen in der Ionosphaere/. 13 p2066 A67-26486
 The trend of the amount of winter anomaly of ionospheric absorption from 1956 to 1966. 21 p3617 A67-38001
 SCHWEPPE, F. C.
 Optimal waveform design via control theoretic concepts. 19 p3201 A67-34965
 SCHWERTFEGGER, W.
 A simple model for the vertical eddy heat flux in a stable atmosphere. 13 p2149 A67-26275
 SCHWERTASSEK, R.
 Pulling-in treated by a piecewise phenomena linear differential equation /Mitnahmeerscheinung bei einer stueckweise linearen Differentialgleichung/. 13 p2145 A67-26625
 SCHWICHTENBERG, A. H.
 The man-machine-environmental interface. [AAS PAPER 67-80] 15 p2432 A67-29947
 SCHWIDERSKI, E. W.
 Convective vortex over a horizontal surface with nonuniform temperature. 04 p0612 A67-14652
 On magnetohydrodynamics of rotating fluids. 23 p4031 A67-40604
 SCHWIDTAL, K.
 Microwave mixing with weakly coupled superconductors. 22 p3865 A67-40439
 SCHWIRZ, K.
 Laminar-turbulent transition for nonisothermal flow in a tube /Der Umschlag laminar-turbulent bei nicht isothermer Stroemung im Rohr/. 11 p1781 A67-24574
 SCHWIND, R. G.
 Analysis of flexible baffles for damping tank sloshing. [AIAA PAPER 66-97] 05 p0793 A67-17210
 SCHWINK, CH.
 The concept of "active slip volume" and its significance /Ueber den Begriff "aktives Gleitvolumen" und dessen Bedeutung/. 07 p1232 A67-19636
 SCHWIRZKE, F.
 Electric fields caused by the diffusion of charged particles across a magnetic field. 05 p0858 A67-17432
 Electron and ion transport across a magnetic field in an arc diffusion experiment. 05 p0858 A67-17433
 Reduced plasma diffusion in positive gradient magnetic field configurations. 08 p1364 A67-21400
 SCHWOPE, A. D.
 Fiber-reinforced, sintered composites. 01 p0098 A67-10705

- SCHEWUTTKKE, G. H.
Growth of dislocation-free silicon web crystals. 01 p0131 A87-10367
Second breakdown and crystallographic defects in transistors. 07 p1156 A87-19896
- SCIAMA, D. W.
Possible large-scale clustering of quasars. 07 p1250 A87-19665
Observational cosmology. 15 p2562 A67-30082
Peculiar velocity of the sun and the cosmic microwave background. 15 p2563 A67-30160
Possible circular polarization of compact quasars. 24 p4226 A67-41884
- SCIANCE, C. T.
Pool boiling of methane between atmospheric pressure and the critical pressure. 13 p2229 A67-27687
- SCIARRA, J. J.
Application of a combined direct stiffness and mobility method to vibration absorber studies. [ASME PAPER 67-VIBR-65] 11 p1873 A67-24206
- SCIPIO, L. A.
Principles of continua with applications. 12 p1966 A67-25557
- SCOPKE, N.
Rocket observations of electron pitch-angle distributions during auroral substorms. 15 p2473 A67-29187
- SCOFIELD, H. N.
A simplified explicit guidance scheme for orbital injection. [AIAA PAPER 67-621] 19 p3260 A67-36010
- SCOFIELD, M. P.
Optimization of conical thrust nozzles. 24 p4093 A67-42922
- SCOGGINS, J. R.
Mesoscale wave motions as revealed by improved wind profile measurements. 21 p3655 A67-38576
Use of wind shears in the design of aerospace vehicles. 24 p4242 A67-42918
- SCONZO, P.
Artificial satellite orbit computations. 08 p1383 A67-20403
- SCOP, P. M.
Statistical theory of the tensile strength of laminates. 03 p0522 A67-13442
Statistical theory of strength of laminated composites. 08 p1346 A67-20915
- SCORER, R. S.
Local instability in curved flow. 23 p3990 A67-41166
Anabatic winds. 24 p4181 A67-42022
- SCOTT, A. C.
Quantum theory of the small Josephson junction. 20 p3505 A67-36207
- SCOTT, B. F.
Fabrication and performance of cone calorimeters for laser energy measurements. 01 p0062 A67-10193
Laser energy measurements with a liquid absorption cell. 04 p0624 A67-15456
- SCOTT, B. W.
Measurements of plasma potential and particle energies in a cesium plasma by simultaneous observation of ion and electron energy spectra. 09 p1548 A67-22338
- SCOTT, C. J.
Transient temperature response of a thin-walled, transpiration-cooled porous surface. [ASME PAPER 67-HT-27] 20 p3546 A67-36720
Measurement of local heat transfer caused by supercritical airflow through a grid of rectangular bars. [ASME PAPER 67-HT-74] 20 p3550 A67-36754
Variable-property turbulent mixing layers. [ASME PAPER 67-HT-81] 20 p3551 A67-36759
- SCOTT, D.
Study of the effect of material combination and hardness in rolling contact. 09 p1505 A67-22191
The investigation of unusual bearing failures. 09 p1506 A67-22195
Metallurgical aspects of rolling contact fatigue. 12 p1954 A67-25329
- SCOTT, D. W.
Odd zonal harmonics in the earth's gravitational potential, determined from fourteen well distributed satellite orbits. 02 p0235 A67-11475
A reevaluation of the rotational speed of the upper atmosphere. 05 p0803 A67-17412
Rotational speed of the upper atmosphere, from the orbits of satellites 1966-51A, B and C. 10 p1652 A67-23493
Odd zonal harmonics in the geopotential, determined from fourteen well-distributed satellite orbits. 17 p2853 A67-33249
The orbit of Injun 3 rocket /1962 beta tau 6/ for 1963-1966. 17 p2952 A67-33251
The effect of the geographical distribution of observations on orbital accuracy. 18 p3127 A67-34248
Further determinations of upper-atmosphere rotational speed from analysis of satellite orbits. 19 p3216 A67-35182
Variations in exospheric density at heights near 1100 km, derived from satellite orbits. 19 p3217 A67-35211
Predicting satellite visibility. 19 p3182 A67-35268
Rotational speed of the upper atmosphere - An increase with height above 200 km. 21 p3619 A67-38512
- SCOTT, E. D.
Pseudorate sawtooth-pulse-reset control system analysis and design. 15 p2458 A67-29430
Orbital gyrocompassing heading reference. [AIAA PAPER 67-587] 19 p3258 A67-35983
- SCOTT, F. R.
Intense microwave radiation from a dense, unstable plasma /Moshchnevo mikrovolnovoe izluchenie plotnoi neustoiichivoi plazmy/. 17 p2894 A67-32145
- SCOTT, H. E.
The effect of several injector face baffle configurations on screech in a 20,000-pound thrust hydrogen-oxygen rocket. 04 p0691 A67-15987
- SCOTT, J. C. W.
Gravitation in flat space-time. 09 p1532 A67-21979
- SCOTT, J. E., JR.
Translational freezing in freely expanding jets. 14 p2301 A67-28184
- SCOTT, L.
Spontaneous fluctuations in the leakage current due to charge generation and recombination in semiconductor diodes. 03 p0379 A67-13479
- SCOTT, M. H.
The pulsed inert gas metal-arc welding 1 in. thick Titanium 721 alloy. 12 p1950 A67-25738
- SCOTT, P. B.
Velocity distribution measurements by a sensitive time of flight method. 14 p2316 A67-28185
- SCOTT, P. F.
A survey of radio sources in the declination ranges -07 deg to 20 deg and 40 deg to 80 deg. 15 p2551 A67-29095
- SCOTT, R. B.
Measurement of buckling load of an elastically restrained inhomogeneous column. 14 p2404 A67-29057
- SCOTT, R. F.
Lunar surface mechanical properties - Surveyor 1. 08 p1386 A67-20942
Soil mechanics surface sampler experiment for Surveyor. 08 p1410 A67-20945
Viscous flow of craters. 23 p4065 A67-40998
The feel of the moon. 24 p4228 A67-42308
- SCOTT, T. R.
Common mode capacitive cross coupling in memory arrays. 22 p3765 A67-39912
- SCOTT, V. D.
Electron microscope observations on precipitation in beryllium. 13 p2136 A67-27106
Deformation structures in beryllium. 13 p2138 A67-27116
- SCOTT, W. G.
A theorem on the polarization of null-free antennas. 02 p0211 A67-11598
- SCOTT, W. T.
Poisson statistics in distributions of coalescing droplets. 12 p1963 A67-25343
- SCOTTI, R. S.
Analysis of flexible baffles for damping tank sloshing. [AIAA PAPER 66-97] 05 p0793 A67-17210
- SCOUARNEC, C.
Finite difference equations for the biharmonic equation /Equations aux differences finies pour l'equation biharmonique/. 05 p0833 A67-16032
- SCOVIL, G. W.
The Hall effect in single crystals of titanium. 01 p0132 A67-10375
- SCRASE, F. J.
The electric current associated with polar magnetic sub-storms. 14 p2313 A67-28573
- SCRIBNER, B. F.
Laser probe excitation in spectrochemical analysis. I, II. 05 p0824 A67-16786
- SCRIVEN, L. E.
Upper and lower bounds for solutions to the transport equation. [DVL-479] 04 p0602 A67-14509
On the search for variational principles. 17 p2969 A67-32449
- SCROFANI, O.
Theoretical and experimental investigation of flow in a two-dimensional cascade /Indagine teorica e sperimentale sul flusso intorno ad una schiera di palette di compressore assiale/. 07 p1127 A67-20123
- SCROGER, M. G.
High-temperature, condensed-phase equilibria in the system Ti-W-O. 06 p1018 A67-18371
- SCRUGGS, D. M.
Preparation of epitaxial GaAs films by vacuum evaporation of the elements. 04 p0678 A67-15124
- SCRUPSKI, S. E.
Worldwide look at the Gunn effect. 09 p1556 A67-22173
- SCULL, W. E.
The orbiting geophysical observatories. 02 p0334 A67-12359
- SCULLY, C. N.
Supersonic liquid jets. 06 p0982 A67-17603
- SCULLY, D. B.
Compositional changes in the underlying alloy during the protective oxidation of alloys. 20 p3468 A67-37247
- SCULLY, J. C.
The role of yielding in stress-corrosion cracking. 18 p3063 A67-33487
- SCULLY, M. O.
Quantum theory of an optical maser. I. 19 p3239 A67-35034
- SCURO, S.
High power stacked GaAs laser arrays. 11 p1802 A67-24745
- SEABROOK, C.
Topside sounder studies of corpuscular radiation effects on the ionosphere during quiet and disturbed conditions. 24 p4147 A67-42055
- SEACHMAN, N. J.
Multiple beam interference in opaque photocathodes. 07 p1185 A67-19407
- SEADER, J. D.
Heat-transfer characteristics of hot-gas ignition. [AIAA PAPER 66-67] 15 p2582 A67-30196
Heat transfer to supercritical nitrogen tetroxide at high heat fluxes and in axially curved flow passages. [ASME PAPER 67-HT-59] 20 p3549 A67-36741
- SEAGER, L. D.
Blood pressure changes and pulmonary edema in the rat associated with hyperbaric oxygen. 15 p2428 A67-29275
- SEAL, K. E.
Shock-tube measurement of the dissociation energy of NH using absolute band intensities. 01 p0117 A67-10787
- SEALE, L. M.
Space extravehicular operations - A review of the requirements and alternate system approaches. [AFAPL-CONF-67-6] 01 p0018 A67-11400
- SEAMAN, F. D.
Preliminary evaluation of a nonvacuum welder for aerospace applications. 04 p0628 A67-15312
- SEAMAN, H. A.
Assembly testing. 08 p1301 A67-20750
- SEAMAN, L. T.
Automatic acquisition of Canopus. [AIAA PAPER 67-585] 19 p3258 A67-35980
- SEAMANS, R. C.
Into space - And why. 01 p0154 A67-11001
- SEAMANS, R. C., JR.
NASA space applications - An overview. [AAS PAPER 67-89] 15 p2583 A67-29951
Space. 23 p4086 A67-40668
- SEAMANS, T. F.
A fundamental model of hypergolic ignition in space-ambient engines. [AIAA PAPER 66-950] 02 p0302 A67-12284
Spectrophotometric study of premixed trimethylaluminum-oxygen flames. 18 p3109 A67-33840
Development of a fundamental model of hypergolic ignition in space-ambient engines. 19 p3311 A67-35744
- SEARLE, C. L.
Digital Transistor Circuits. 04 p0622 A67-15268
- SEARLS, F.
An airline view of the SST powerplants. [SAE PAPER 670665] 24 p4207 A67-42005
- SEARS, G. A.
Orbital basing-key to low cost space

- operations/ques/
[AIAA PAPER 67-654] 20 p3530 A67-37631
- SEATH, D. D.
Vibration of an inflatable fabric wing model. 06 p1100 A67-18002
- SEAVEY, C.
Prediction of natural frequencies and normal modes of skin-stringer panel rows. 20 p3539 A67-37008
- SEAVEY, M. H., JR.
Some properties of an injection-locked pulsed magnetron in a coherent-echo-detection system. 20 p3401 A67-37221
- SEAWELL, W. T.
Foresight and myopia. 19 p3347 A67-34969
- SEBACHER, D. I.
A correlation of N sub 2 vibrational goes to translational relaxation times. 10 p1733 A67-23151
- SEBAN, R. A.
The energy balance for a high current argon arc. 01 p0125 A67-10976
Flow and heat transfer in a turbulent boundary layer with large acceleration parameter. [JPL-TR-32-1119] 16 p2659 A67-30953
- SEBASTIAN, C. R.
Thermal-stability aspects of commercial kerosene for the supersonic transport. [AIAA PAPER 66-670] 17 p2926 A67-32570
- SEBENNE, C.
Distributions of electrically active defects in the surface region of CdS single crystals. 05 p0862 A67-16605
- SEBESTA, H. R.
Analytical methods in fluid systems. 20 p3366 A67-37369
- SEBESTKA, H. R.
On optimization and the guidance problem for systems with transport lags. 22 p3833 A67-40158
- SEBESTYEN, GY.
Contribution to the investigation of the intensity of cavitation erosion. 14 p2295 A67-27869
Cavitation noise spectrum and cavitation damage. 14 p2295 A67-27870
- SEBILLE, C.
Spectrum of internal conversion electrons emitted in the course of transmutation of samarium 155 into europium 155 /Le spectre d'electrons de conversion interne emils au cours de la transmutation du samarium 155 en europium 155/. 16 p2733 A67-31706
- SEBILLOT, P.
Germanium solar cells. I, II /Photopiles solaires au germanium. I, II/. [ONERA-TP-478] 18 p2990 A67-34464
- SEBKO, V. P.
Magnetic surfaces of a straight helical magnetic field in the presence of an axial current /Magnitnye poverkhnosti priamogo vintovogo magnitnogo polia pri nalichii osevoogo toka/. 01 p0122 A67-10344
Magnetic surfaces of a helical magnetic field in the presence of an axial current. 11 p1843 A67-25017
- SEBRIAKOV, G. G.
Analysis of the dynamic accuracy of sensing elements during parametric excitations caused by vibration /Analiz dinamicheskoi tochnosti chuvstvitel'nykh elementov pri parametricheskikh vzbuzhdeniakh ot vibratsii/. 01 p0064 A67-10417
Orthogonal method of studying nonlinear automatic control systems with random inputs /Ortogonal'nyi metod issledovaniia nelineinykh sistem avtomaticheskogo upravleniia pri sluchainykh vzbudistviiakh/. 16 p2643 A67-30924
- SECHRIST, C. F., JR.
A theory of the winter absorption anomaly at middle latitudes. 07 p1171 A67-19415
Time history of high-latitude electron number density and radiowave absorption profiles during the solar cosmic-ray event of November 10, 1961. 14 p2380 A67-28042
- SECKELMANN, R.
Propagation of TE modes in dielectric loaded waveguides. 04 p0570 A67-14860
- SECOR, A.
Implementing computer methods for circuit analysis. 01 p0031 A67-11335
- SEDDON, H.
Role of impurities in interstellar graphite grains. 19 p3323 A67-35423
- SEDGLEY, D. W.
Dynamic analysis of the reaction control rocket engines and propellant system of the lunar module using digital computer

- methods. 01 p0142 A67-11435
- SEDGWICK, T. A.
Arc length of a two-dimensional isentropic compression surface. 22 p3742 A67-40102
- SEDIN, V. A.
The MNT-VZ-V device for simulating the electromagnetic field in radio waveguides by the induced-current method /Ustanovka MNT-VZ-V dlia modelirovaniia elektromagnitnogo polia v radiovolnovodakh metodom navedennogo toka/. 06 p1001 A67-17937
MNT-VZ-V apparatus for modeling the electromagnetic field in radio waveguides by the induced-current method. 18 p3046 A67-33774
- SEDLACEK, Z.
Stationary equilibria of a collisionless plasma treated by the moment method. 14 p2360 A67-28554
Landau damping and the moments method. 22 p3852 A67-39992
- SEDNEY, R.
Shock curvature and gradients at the tip of pointed axisymmetric bodies in non-equilibrium flow. 23 p3928 A67-41176
- SEDOV, B. M.
Angular divergence of solid state laser radiation. 21 p3640 A67-38367
- SEDOVA, E. S.
Supersonic rotational flow past blunt bodies with convex corner /Sverkhzvukovoe obtekanie zatuplennykh tel vrashcheniia s izlomom obrazuiushchiel/. 03 p0349 A67-12862
- SEDOVA, F. I.
Some regularities in the occurrence of oscillations with periods up to 10 sec in the earth's electromagnetic field /Nekotorye zakonomernosti polavleniia kolebani s periodami do 10 sek v elektromagnitnom pole zemli/. 04 p0616 A67-15219
- SEDRAKIAN, D. M.
Toward a nonrelativistic theory of rotating configurations /K nerelativistskol teorii vrashchalushchikhsia konfiguratsii/. 14 p2382 A67-27833
- SEDUNOV, B. I.
Crystallographic anisotropy of the electrical properties of CdS films /Kristallograficheskaia anizotropiia elektricheskikh svoistv plenok CdS/. 12 p1984 A67-25520
Crystallographic anisotropy of the electrical properties of CdS films. 18 p3103 A67-34451
- SEDUNOV, I. U. S.
Kinetic equation for describing microphysical processes in clouds /Kineticheskoe uravnenie dlia opisaniia mikrofizicheskikh protsessov v oblakakh/. 01 p0109 A67-10684
- SEDYKH, V. M.
A two-frequency cavity resonator with independent tuning. 02 p0214 A67-11911
- SEE, B. A.
Precautions required when using a continuous gas flow in high-current ion lasers. 15 p2497 A67-29394
- SEEBASS, R.
Oseen flow past a finite flat plate. 02 p0234 A67-12546
The effect of tensor conductivity on continuum and collisionless magnetogasdynamic flows. [AIAA PAPER 67-731] 21 p3674 A67-38755
- SEEBOLD, J. G.
Capillary hydrostatics in annular tanks. [AIAA PAPER 66-425] 05 p0793 A67-17218
- SEED, A. R.
The application of circulation control by blowing to helicopter rotors. 19 p3170 A67-35519
- SEEGER, H. J.
Development and testing of an altitude control system for low-trajectory missiles /Systementwicklung und Erprobung einer Hoehenhaltung fuer tieffliegende Flugkoerper/. 04 p0652 A67-14562
- SEEGER, J. W.
Reinforced pyrolyzed plastic composites for aerospace applications. 03 p0443 A67-13415
- SEEGER, W.
Diagnostics of a nonequilibrium plasma for an MHD converter /Diagnostik eines Nichtgleichgewichtspasmas fuer MHD-Wandler/. 04 p0553 A67-14580
- SEEK, J. B.
Summary of results from IMP-I magnetic field experiment. 12 p1936 A67-25802

- SEELBACH, W. C.
High speed integrated circuit memories. 14 p2280 A67-28014
- SEELE, G. D.
Ion rocket engine propellant systems and high voltage electrical isolation studies. [AIAA PAPER 67-681] 21 p3692 A67-38712
- SEELEY, P. E.
A compact, air-to-ground laser rangefinder. 23 p3999 A67-41028
- SEELIG, W.
Calculation and experimental comparison of the amplification factors for a 6328 angstrom units Laser Transition in a He-Ne discharge /Berechnung und experimenteller Vergleich des Verstaerkungsfaktors fuer den Laseruebergang 6328 angstrom units in einer He-Ne-Gasentladung/. 10 p1683 A67-22893
High power ion lasers with wall-stabilized arc discharge. 16 p2685 A67-30825
- SEELMANN, H.
Control behavior of a VTOL aircraft in transition and the control considerations that derive from it /Das Steuerverhalten eines Senkrechtstarters im Uebergangsflug und regeltechnische Folgerungen/. 03 p0358 A67-12962
- SEELY, J. L.
Designing with MOS field effect transistors. 03 p0388 A67-14182
- SEELY, L. B.
Longitudinal sound velocities of granular compacts of ammonium perchlorate and potassium chloride. 16 p2734 A67-31521
- SEEMANN, G. R.
Development of electrodeless MHD accelerator technology. 21 p3607 A67-37778
- SEEMUELLER, H.
The spectral emissivity of titanium /Das optische Emissionsvermoegen des Titans/. 05 p0831 A67-17318
- SEEMULLER, W. W.
Skin friction balance components for hostile environments. 22 p3795 A67-39188
- SEERY, D. J.
Shock waves in chemical kinetics - Further studies in the dissociation of fluorine. 04 p0567 A67-15951
- SEETHARAMASWAMY, R.
Comment on "duct-flow of conducting fluids under arbitrary oriented applied magnetic field." 12 p1976 A67-25941
- SEFOR, L.
Solution of systems of non-linear equations by parameter variation. 14 p2342 A67-27975
- SEGAL, V. L.
Calculation of disks produced by a continuous fiber-winding process /Raschet diskov, izgotovlennykh metodom nepreryvnoi namotki niti/. 19 p3234 A67-34873
- SEGALL, B.
Optical absorption edge in CdTe - Theoretical. 02 p0281 A67-11493
- SEGEL, L.
A method for predicting nonperiodic air loads on a rotary wing. [AIAA PAPER 66-17] 03 p0354 A67-12909
- SEGEL, L. A.
Finite amplitude cellular convection induced by surface tension. 24 p4255 A67-42569
- SEGEL, M. P.
Study of stratification similitude laws in liquid hydrogen. 13 p2186 A67-27643
Thermal insulation for liquid hydrogen space tankage. 13 p2228 A67-27659
- SEGER, J. K.
Application of optimizing technique to initial spares provisioning of aircraft programs. 23 p4085 A67-40583
- SEGINER, A.
Laminar heat transfer to a two-dimensional blunt base from the high-enthalpy flow in the shock tube. 11 p1882 A67-24222
- SEGNER, D. R.
Flight tests of the XH-51A compound helicopter. [AIAA PAPER 67-262] 07 p1130 A67-20075
XH-51A compound research flight test program. 13 p2052 A67-26421
- SEGRE, S. E.
Radial implosion of a partially ionized plasma in a theta pinch. 04 p0671 A67-15646
Strong ionizing fronts in an oblique magnetic field. 17 p2908 A67-33114
- SEGUIN, H.
Ultrasonic interferometer-laser optical diffraction cell for rapid determination of the velocity of sound in

- liquids. 21 p3630 A67-38772
- SEHGAL, R. Low pressure combustion and ignition of solid rocket propellants. 20 p3516 A67-37131
- SEHNAL, L. The perturbations of the orbital elements caused by the pressure of the radiation reflected from the earth. 05 p0894 A67-16566
- The influence of the re-radiation of the earth on the motion of the artificial satellites. 08 p1383 A67-20401
- SEIBEL, C. M. The U.S. Army Hueycobra configuration and design considerations. [AHS PAPER 113] 16 p2598 A67-31829
- SEIBOLD, W. Contribution on the VTOL/STOL question /Beitrag zur Frage Vertikalstart/Kurzstart/. 07 p1130 A67-20219
- SEIBT, E. Radio relay lines /Richtfunklinien/. 07 p1141 A67-19342
- SEIDEL, B. L. Lunar range radiation patterns of a 210-foot antenna at S-band. [JPL-TR-32-1079] 11 p1763 A67-24298
- Ground instrumentation for Mariner IV occultation experiment. 18 p3049 A67-34498
- SEIDEL, H.-P. On estimation of static and dynamic parameters of non-linear transfer elements from step responses. 15 p2463 A67-30331
- SEIDEL, M. Probe shifting device /Ein Sondenverschiebegeraet/. 02 p0228 A67-11554
- SEIDL, M. The buildup of a beam-generated plasma in a mirror machine. 14 p2352 A67-27749
- SEIDLER, S. W. Simulation of built-in test effectiveness of airborne radar. 17 p2833 A67-32491
- SEIDMAN, J. Sonic focusing of light. 22 p3835 A67-39242
- SEIDMAN, J. B. Heterodyne and photon-counting receivers for optical communications. 07 p1185 A67-19398
- Laser-beam scintillation in the atmosphere. 10 p1603 A67-22713
- SEIDMAN, J. J. IEM/AGS MARCO 4418. 08 p1297 A67-20627
- SEIDMAN, T. I. Fuel optimal controls. 15 p2571 A67-30049
- SEIFERT, G. Kerr cells for amplitude and frequency modulation of laser beams /Kerrzellen zur Amplituden-und Frequenzmodulation von Laserstrahlen/. 07 p1142 A67-19552
- SEIFERT, H. S. The lunar pogo stick. 17 p2832 A67-32065
- The use of preformed solid particles in colloidal propulsion. [AIAA PAPER 67-727] 21 p3688 A67-38751
- SEIFERT, R. Performance of man in flight handling and follow-up tasks /Das Leistungsverhalten des Menschen in Flugfuehrungs-und Bewegungsfolgeaufgaben/. 04 p0562 A67-14544
- SEIFF, A. On entering an allen atmosphere. 08 p1394 A67-21155
- Current and future problems in earth and planetary atmosphere entry. [AIAA PAPER 67-803] 24 p4243 A67-42963
- SEIFFARTH, W. Progress in grid-modulated transmitting tubes for space applications. 09 p1478 A67-22259
- SEIGER, H. N. Bipolar nickel-cadmium cells for high-energy pulses. 19 p3175 A67-34803
- Sealed cells and auxiliary electrodes. 24 p4105 A67-42519
- SEIGLE, L. The diffusion of carbon in tantalum monocarbide. 06 p1016 A67-17901
- SEIKEL, G. R. Radio frequency induction heating of low pressure plasmas. [AIAA PAPER 67-732] 21 p3674 A67-38756
- SEILER, R. F. Effects of protons and alpha particles on thermal properties of spacecraft and solar concentrator coatings. [AIAA PAPER 65-649] 03 p0448 A67-13054
- SEILLER, F. E. Laser harmonics useful for frequency translation. 19 p3240 A67-35700
- SEINCE, J. Flight modifications of the Dragon rocket probe /Mise au point en vol de la fusée sonde Dragon/. 03 p0517 A67-13028
- SEINO, J. On some theoretical and experimental investigations of high speed plastic deformation. 16 p2775 A67-31329
- SEIREG, A. An approximate normal mode method for damped lumped parameter systems. [ASME PAPER 67-VIBR-2] 11 p1871 A67-24164
- SEITCHIK, J. A. Non-ohmic current transport phenomena in high-resistivity GaAs. 07 p1234 A67-20099
- SEITE, G. Stellar detectors /Les detecteurs stellaires/. 21 p3628 A67-38651
- SEITER, H. The influence of lattice defects and mechanical stresses on the etching behavior of silicon /Der Einfluss von Gitterdefekten und mechanischen Spannungen auf das Aetzverhalten von Silizium/. 19 p3301 A67-34934
- SEITZ, R. N. AMTRAN - A remote-terminal, conversational-mode computer. 02 p0206 A67-11811
- On-line systems and man-computer graphics. 11 p1756 A67-24249
- SEITZ, T. B. Large deflections of diamond-shaped frames. 01 p0160 A67-10404
- SEITZ, W. S. Numerical self-consistent field approximation to the interaction of an ion beam with a plasma boundary. 08 p1363 A67-21307
- SEKANINA, Z. Dynamical effect of explosive phenomena in comet Halley and its nuclear rotation. 04 p0694 A67-14469
- On the origin of the Kreutz family of sun-grazing comets. 16 p2751 A67-31464
- Definitive orbit of comet Pereyra /1963 V/. 21 p3707 A67-38963
- Non-gravitational effects in comet motions and a model of arbitrarily rotating comet nucleus. III. 23 p4062 A67-40672
- Non-gravitational effects in comet motions and a model of an arbitrarily rotating comet nucleus. IV. 23 p4062 A67-40673
- Irregularities in the motion of comet Halley in 1910 and its physical behavior. 23 p4065 A67-41001
- SEKERA, Z. A research program aimed at high altitude balloon-borne measurements of radiation emerging from the earth's atmosphere. 07 p1170 A67-19393
- Determination of atmospheric parameters from measurement of polarization of upward radiation by satellite or space probe. 16 p2865 A67-30983
- SEKI, K. Characteristics of the blow-down type hypersonic wind tunnel of Institute of Space and Aeronautical Science, University of Tokyo. 01 p0049 A67-10558
- Study on row of circular cylinders in supersonic and hypersonic flow. IV - Heat transfer on row of parallel circular cylinders in hypersonic flow. 01 p0006 A67-10559
- SEKI, Y. Trap density in epitaxially grown GaAs. 12 p1983 A67-25457
- SEKIDO, K. On the oscillation characteristics of the microwave Gunn-effect oscillator. 10 p1609 A67-22838
- SEKIGUCHI, I. High-density assembly. 12 p1917 A67-26205
- SEKIGUCHI, T. An MHD rotating machine - A new type of A.C. magnetohydrodynamic power generator and turbine. 16 p2805 A67-30581
- SEKIHARA, K. Some topics on radiation measurement from satellite. 24 p4181 A67-42397
- SEKIYA, T. Mechanical analog procedure for solution of the the plane thermoelastic problem. 05 p0917 A67-16417
- SEKOWSKI, S. Quality tests of oxide coatings on aluminum and aluminum alloys /Badania jakosci powlok tlenkowych na aluminium i stopach aluminowych/. 22 p3798 A67-39552
- SEKUNDOV, A. N. Study of the leading section of turbulent jets of various gases in the wake air flow /Issledovanie nachal'nogo uchastka turbulentnykh strui razlichnykh gazov v sputnom potoke 06 p0982 A67-17743
- Some aspects of the transition from channel flow to jet flow /Nekotorye voprosy perekhoda kanalovogo techeniya v struinoe/. 18 p3028 A67-34218
- Expansion of a turbulent jet in an oppositely moving flow /Rasprostranenie turbulentnoi strui vo vstrechnom potoke/. 23 p3989 A67-40731
- SELAOMOGLU, S. Experiments on Joule heating of shock-ionized air. 12 p1975 A67-25894
- Alternating-current solenoid of finite length in a medium with Hall conductivity. 18 p2990 A67-34500
- SELBY, M. C. Progress in radio measurement methods and standards. 05 p0804 A67-16008
- SELBY, R. A. Transient analysis in a fracturing epoxy plate with a central notch. 16 p2775 A67-31325
- SELEZNEV, V. A. Stimulated emission in the negative-luminescence region of a glow discharge /Stimulirovanoe izluchenie v oblasti otritsatel'nogo svecheniya tleischego razriada/. 09 p1512 A67-21925
- The use of holography to study the temperature distribution field of a flame. 16 p2672 A67-31066
- SELEZNEVA, M. A. Temperature dependence of the current-carrier mobility in GaAs crystals irradiated with fast electrons /Zavisimost' podvizhnosti nositelei toka ot temperatury v kristallakh GaAs, obлучennykh bystryml elektronami/. 04 p0679 A67-15140
- Dependence of carrier mobility on temperature in GaAs crystals irradiated by fast electrons. 12 p1979 A67-25163
- SELEZOV, I. T. Possible means of determining the parameters of the motion of a deformable body /O vozmozhnykh sposobakh opredeleniya parametrov dvizheniya deformiruемого tela/. 05 p0923 A67-17183
- Flow of an ionized gas past an oscillating interface in the presence of a magnetic field /Obtekanie koleblushchetsia granitsy ionizirovannym gazom pri delstvii magnitnogo polia/. 13 p2168 A67-27302
- SELEZOVA, L. V. Flow of an ionized gas past an oscillating interface in the presence of a magnetic field /Obtekanie koleblushchetsia granitsy ionizirovannym gazom pri delstvii magnitnogo polia/. 13 p2168 A67-27302
- SELF, S. A. Static theory of a discharge column at intermediate pressures. 08 p1381 A67-21134
- Steady-state theory of a low-pressure discharge column in an axial magnetic field. 21 p3662 A67-37756
- SELIGA, T. J., JR. Rocket exhaust plume radar attenuation and amplitude/phase noise. 15 p2436 A67-29429
- SELIGER, C. R. Techniques for finding roots of polynomial equations of degree seven and lower. 08 p1350 A67-21536
- SELIGER, R. L. Design of a solar-electric propulsion system for interplanetary spacecraft. [AIAA PAPER 66-214] 07 p1240 A67-19364
- Electric propulsion system reliability. [AIAA PAPER 67-701] 21 p3697 A67-38960
- SELISKII, I. A. P. Young's modulus and the magnetic saturation of ordering Ni sub 3 Fe-Ni sub 3 Mn alloys at high temperatures /Modul' i lunga l magnitnoe nasyschenie uporiadochivalushchikhslia spлавov Ni sub 3 Fe-Ni sub 3 Mn pri vysokikh temperaturakh/. 20 p3468 A67-37178
- SELIVANENKO, A. S. On the possibility of using induced two-quantum luminescence for the production of powerful coherent radiation. 03 p0433 A67-12856
- SELIVANOV, A. S. The lunar ultraviolet spectrum in the range of 2850-3550 angstrom units according to the data obtained from the Zond 3 automatic space probe. 18 p3122 A67-34141
- SELIVANOV, V. G. Conducting gas flow in an annular channel with an axial magnetic field /Tehenie

- provodlashchego gaza v kol'tsevom kanale v prisutstvi osovogo magnitnogo polia/. 01 p0120 A67-10174
- Flow of a gas-liquid mixture at constant phase-velocity difference in a geometric nozzle /O tehnich gazozhidkostnoi smesi v geometricheskom sople s postolannoi raznost'iu skorostei faz/. 15 p2472 A67-29777
- SELIVANOV, V. P.**
- Time variation of the vector of preferred PP polarization according to observations at Lovozero. 07 p1174 A67-19711
- Relation between PP and variations in auroral brightness /Sviaz' PP s variatsiyami svetlosti poliarnykh sllanii/. 10 p1632 A67-22811
- Relationship between PP and variations of auroral luminescence. 24 p4150 A67-42148
- SELIVERSTOV, B. N.**
- Selection of a mathematical model of an unstable heat-exchange process with a single-phase incompressible heat conductor /K vyboru matematicheskoi modeli nestatsionarnogo protsessa teploobmena s odnofaznym neszhimaemym teplonositel'm/. 03 p0535 A67-13119
- SELIVERTOV, S. N.**
- Viscous flow of a nonequilibrium gas past a plate /K obtekaniiu plastinki vliakim potokom neravnovesnogo gaza/. 10 p1590 A67-23024
- SELL, D. D.**
- Optical exciton-magnon absorption in MnF sub 2. 17 p2926 A67-33382
- SELL, J. J.**
- The spurious response measurement and identification problem. 20 p3404 A67-37636
- SELLA, C.**
- Spherulitic growth in thin telluride layers /Croissance spherulitique dans les couches minces de tellurides/. 02 p0295 A67-11766
- Structure of thin films prepared by short-distance evaporation-diffusion under isothermal conditions /Sur la structure des couches minces preparees par evaporation-diffusion a courte distance en regime isotherme/. 09 p1557 A67-22573
- Structure of tungsten films prepared by triode pulverization at low pressure and low power /Sur la structure des films de tungstene prepares par pulverisation triode a basse pression et faible energie/. 23 p4041 A67-41194
- SELLARS, R. F.**
- Fault tree analysis as applied to missile systems. 19 p3331 A67-34827
- SELLEN, J. M., JR.**
- Electrostatic field measurements by particle deflection techniques. 01 p0074 A67-11129
- Neutralization and interaction phenomena in a low-density ion exhaust. 04 p0690 A67-15022
- Spacecraft surface electric field meter. [AIAA PAPER 66-74] 13 p2120 A67-26835
- Electron emissive surface electric field meter. 20 p3444 A67-36524
- Spacecraft-space plasma equilibria for passive and active spacecraft. [AIAA PAPER 67-702] 21 p3714 A67-38729
- SELLERS, B.**
- Radioisotope and radiation techniques for terrestrial and planetary gas and solid measurements. 02 p0245 A67-12223
- SELLERS, W. H.**
- Analysis of nuclear radiation effects on missile telemetry systems. 14 p2271 A67-28685
- SELLIN, I. A.**
- Lamb shift in the /Li super 6/ super plus plus ion. 22 p3839 A67-39202
- SELLS, S. B.**
- A model for the social system for the multiman extended duration space ship. 03 p0366 A67-14293
- SELPH, C. C.**
- The thermodynamic and physical properties of beryllium compounds. X. 06 p1071 A67-17984
- SELS, PH.**
- Variational study of the runaway instability in a two-component plasma. 11 p1826 A67-23872
- SELTZER, S. M.**
- Attitude control and precision pointing of the Apollo telescope mount. [AIAA PAPER 67-534] 19 p3334 A67-35936
- SELVITELLA, J.**
- Hugoniot equation of state of alkali metals. 06 p1032 A67-18141

- SELZER, E.**
- Free and forced oscillations in the magnetosphere /Oscillations propres et oscillations forcees dans la magnetosphere/. 12 p2000 A67-25107
- SELZER, H.**
- Significance of surface effects for solid propellant combustion /Die Bedeutung der Oberflaechenvorgaenge fuer die Verbrennung von festen Raketentreibstoffen/. 08 p1373 A67-20642
- The temperature profile beneath the burning surface of a composite ammonium perchlorate propellant. 18 p3107 A67-33811
- SEM, M. F.**
- Gas-laser demonstration /Demonstratsii s gazovym opticheskim kvantovym generatorom/. 22 p3816 A67-39923
- SEMED, M.**
- Study of magnetic fields in active solar regions /Contribution a l'etude des champs magnetiques dans les regions actives solaires/. 19 p3325 A67-35505
- SEMENTOV, A. N.**
- Flow formation near a model in a shock tube /Formirovaniye techeniya okolo modeli v udarnoi trube/. 18 p2592 A67-31102
- Separation of a bow shock wave from a sphere in argon and nitrogen at small supersonic Mach numbers /Otkhod golovnoi udarnoi volny ot sfery v argone i azote pri mal'kikh sverkhzvukovykh chislakh Makha/. 18 p2592 A67-31103
- Determination of flow parameters in a shock tube /Opredeleniye parametrov potoka v udarnoi trube/. 16 p2659 A67-31104
- Simple optical methods of studying supersonic flows /Prostye opticheskie metody issledovaniya sverkhzvukovykh potokov/. 16 p2673 A67-31105
- Measurement of shock-wave velocities /Izmereniye skorosti udarnoi volny/. 16 p2673 A67-31106
- SEMENTOV, A. S.**
- Effect of current injections on the response characteristics of GaAs laser radiation /Vliyanie toka inzhetsii na vremennyye kharakteristiki izlucheniya PKG na GaAs/. 01 p0087 A67-10083
- Concerning the theory of optically coupled GaAs p-n junction lasers. 05 p0814 A67-16390
- Effect of injection current on the time dependence of the emission from GaAs lasers. 08 p1340 A67-21460
- SEMENTOV, B. I.**
- Approximate computation of scattering of electromagnetic waves by rough surface contours. 07 p1147 A67-20237
- SEMENTOV, E. S.**
- Measurement of turbulence characteristics in a closed volume with artificial turbulence. 06 p1112 A67-17959
- Study of a plasma in laminar and turbulent hydrocarbon flame /Issledovaniye plazmy v laminarnykh i turbulentnykh plamenakh uglevododorodov/. 17 p2968 A67-32168
- Turbulent burning of gases /O turbulentnom goreni gazov/. 21 p3732 A67-38527
- SEMENTOV, E. V.**
- Contraction coefficient of jets /O koeffitsiente suzheniya strui/. 10 p1624 A67-23039
- SEMENTOV, I. U. P.**
- The effect of coolant injection into turbulent boundary layers on heat transfer and friction. 03 p0536 A67-13526
- SEMENTOV, N. A.**
- Transmitted power in a dielectric waveguide. 01 p0038 A67-10716
- SEMENTOV, V. S.**
- Polarization of ferroelectrics under the combined influence of static and alternating electric fields. 03 p0382 A67-13710
- SEMENTOV, V. V.**
- Investigation of air sparks by two synchronized lasers. 06 p1010 A67-18090
- SEMENTOVA, G. A.**
- Titanium-carbide coatings on steel. 01 p0093 A67-10301
- SEMENTOVA, L. N.**
- Motion of a body of variable mass with an exponentially decreasing jet power /O dvizhenii tela peremennoi massy s eksponentsial'no ubyvayushchei moshchnost'iu reaktivnoi strui/. 24 p4240 A67-42296
- SEMENTOVA, T. A.**
- Multiphoton frequency multiplication during electrodipole interactions in gases /O

- mnogofotonnom umnozenii chastoty pri elektrodipol'nykh vzaimodel'stiyakh v gazakh/. 04 p0580 A67-14749
- SEMENTOVA, V. I.**
- Reflection of electromagnetic waves from an ionization front /Ob otrazhenii elektromagnitnykh voln ot fronta ionizatsii/. 22 p3762 A67-40122
- SEMILOTOV, S. A.**
- Electron-diffraction structural studies of Pb sub 2 Bi sub 2 Se sub 5 /Elektronograficheskoe issledovaniye struktury Pb sub 2 Bi sub 2 Se sub 5/. 01 p0136 A67-11009
- Concentration and type of point defects in gallium arsenide. 21 p3685 A67-38970
- SEMINARA, J. L.**
- Humanizing a moon rover. 03 p0400 A67-14308
- Effective mockup utilization by the industrial design-human factors team. 05 p0757 A67-17378
- A lunar environment simulation test bed. 17 p2832 A67-32003
- Sensory discrimination and attitudes toward water reclaimed from urine. 22 p3751 A67-39597
- Lunar surface simulation. [AIAA PAPER 67-866] 24 p4117 A67-42969
- SEMINSKI, R. B.**
- High-torque control moment gyros for spacecraft control. 15 p2486 A67-29307
- SEMILOW, R. L.**
- Development of a family of light weight short duration turbo-alternator power supplies. 24 p4107 A67-42532
- SEMONIN, R. G.**
- Film resolution and holographic recordings. 22 p3796 A67-39259
- SEMOV, V. V.**
- Selection of relative profile thickness for blades of an axial compressor /Vybort otositel'noi tolschiny profiloi lopatok oseвого kompressora/. 01 p0006 A67-10545
- SEMPLE, E. C.**
- Solar simulation tests on the UK-3 satellite. 09 p1486 A67-22434
- SEN, A. K.**
- Long-period fading of VLF atmospherics. 11 p1785 A67-23947
- Jump conditions for a two-fluid plasma. 21 p3662 A67-37764
- SEN, M.**
- Use of the hybrid tem-dual surface wave in coaxial cables and resonators to reduce attenuation. 20 p3384 A67-37214
- SEN, S. N.**
- Breakdown of a radiofrequency discharge in a super-imposed D.C. field. 17 p2902 A67-32672
- SENATOR, F. E.**
- The enigma of booster recovery - Ballistic or winged/ques/. 15 p2587 A67-29834
- Navigation and guidance requirements for booster recovery/reuse. 20 p3481 A67-36576
- SENATOROV, K. IA.**
- The theory of static characteristics of p-n-p-n devices. 11 p1765 A67-24480
- SENATSKII, IU. V.**
- Giant superluminescence pulses. 01 p0091 A67-10837
- SENDELBECK, R. L.**
- Experimental studies of the buckling of complete spherical shells. 17 p2960 A67-32454
- SENDERIKHIN, I. M.**
- Allowance for image forces and heating in calculating the static parameters of germanium point-contact diodes. 14 p2289 A67-28825
- SENDYK, A.**
- Power amplifier of a device for exciting mechanical vibrations /Wzmacniacz mocy z zestawu do wzbudzania drgan mechanicznych/. 03 p0363 A67-13398
- An electrodynamic exciter /Wzбудnik elektrodinamiczny/. 22 p3780 A67-39553
- SENEAUD, C.**
- X-ray photography of the sun /Photographie du soleil en lumiere X/. 04 p0698 A67-14917
- SENEAUD, G.**
- X-ray photography of the sun /Photographie du soleil en lumiere X/. 04 p0698 A67-14917
- SENF, H. R.**
- Laser displays. [SMPTE PREPRINT 100-6] 03 p0438 A67-13801
- Laser displays. 06 p1001 A67-17887
- Developments in laser communications. 10 p1606 A67-23069

- SENGER, H.
Checkout system of the third stage of the ELDO A program /Das Checkout-System der III. Stufe - 04 p0595 A67-14534
The checkout system for the third stage of the ELDO A carrier rocket /Das Checkout-System fuer die III. Stufe der ELDO-A-Traegerrakete/. 20 p3413 A67-36414
- SENGERS, J. M. H. L.
Scaling-law equation of state for gases in the critical region. 16 p2778 A67-31061
- SENGERS, J. V.
Divergence in the density expansion of the transport coefficients of a two-dimensional gas. 02 p0234 A67-12545
- SENIN, A. G.
The problem of optimal signal synthesis /K zadache sinteza optimal'nogo signala/. 20 p3382 A67-36777
- SENIOR, T. B. A.
Progress in radio waves and transmission of information. 06 p0962 A67-18071
- SENIRO, T. B. A.
Traveling waves in relation to the surface fields on a semi-infinite cone. 14 p2261 A67-28376
- SENITZKY, I. R.
Quantum optics. I. 13 p2159 A67-27732
- SENK, J.
Electromagnet for an experimental DC MHD generator /Elektromagnet pro eksperimentalni, stejnosmerny, magnetoplazmodinamicky generator/. 14 p2247 A67-27950
- SENN, M.
Mass spectrometric studies of peptides. III. 04 p0566 A67-15613
- SENNETT, C. T.
Phenomenological interpretation of the two phonon Raman scattering and infra-red absorption spectra. 06 p1059 A67-18907
- SENNETT, R. E.
Experimental technique for impulse loading of structures. 08 p1414 A67-20374
- SENOUILLET, G.
Analytical study of non-linear sampled-data systems. 08 p1312 A67-20755
- SENSE, K. A.
Magnetohydrodynamic power generation using a bifluid liquid-metal generator. 12 p1901 A67-25897
Cycle analyses for liquid-metal power conversion systems using a bifluid MHD generator. 21 p3572 A67-38864
Electrical conductivity of high-voltage fraction two-phase flow in an MHD generator. I. 23 p3942 A67-41758
Electrical conductivity of high-voltage fraction two-phase flow in an MHD generator. II. 23 p3942 A67-41759
- SENTMAN, L. H.
Drag coefficients for tumbling satellites. 21 p3563 A67-37809
- SEO, E. T.
Holographic interferometry in electrochemical studies. 20 p3450 A67-37137
- SEO, T.
Creep in rotating disks in transient period. 17 p2960 A67-32687
- SEPTIER, A.
Superconductive magnetic lenses with rare earth metal pole pieces /Lentilles magnetiques supraconductrices a pieces polaires en metaux des terres rares/. 11 p1802 A67-24765
Existence of intense HF oscillations due to a plasma beam interaction phenomenon in a cold cathode reflex discharge /Existence d'oscillations H.F. intenses dues a un phenomene d'interaction faisceau-plasma dans une decharge reflex a cathodes froides/. 19 p3275 A67-35109
- SERAFIM, P.
Interaction of an electron beam with a plasma /Vzaimodelstvie elektronnoy puchki s plazmoy/. 17 p2895 A67-32159
- SERAFIMOV, K.
On the maximal frequency in space communications. 02 p0205 A67-12735
Electron density distribution with allowance for the stratified structure of the ionosphere /Razpredelenie na elektronnata pl'nost s otcitane na sloistata struktura na ionosferata/. 04 p0618 A67-15572
Ionization in the near-maximum portion of the E layer /Ionizatsiya v okolomaksimumnata chast na sloia E/. 04 p0618 A67-15573
Stratification and fine structure of the E layer /Razsloeniya i fina struktura na sloia E/. 04 p0618 A67-15574
- SEREBRENNY, S. M.
Analysis of maritime precipitation using radar data and satellite cloud photographs. 02 p0262 A67-12404
- SEREBRIKIAN, A. L.
Dispersion of surface plasma waves in metals. 05 p0864 A67-18761
- SEREBRIAKOV, V. N.
Dynamic control for a two-phase liquid-gas medium under weightless conditions by using surface effects /Ob upravlenii dinamiko dvukhfaznoi sredy zhidkost'gaz v usloviakh nevesomosti s pomoshch'yu poverkhnostnykh effektiv/. 02 p0231 A67-11540
Control of the dynamics of two-phase liquid-gas media under zero-gravity conditions by means of surface effects. 16 p2663 A67-31606
- SEREBRIAKOVA, N. A.
Anisotropic electron scattering in Si /Anizotropnoe rasselanie elektronov v Si/. 10 p1895 A67-23664
Anisotropic scattering of electrons in Si. 17 p2924 A67-33345
- SEREBRIAKOVA, N. N.
Dynamic model of a clock in a magnetic field /Dinamicheskaya model' chasov v magnitnom pole/. 21 p3625 A67-37988
- SEREDA, N. N.
Magnetometric determination of cementite in sintered mixtures of titanium carbide and iron and titanium carbide and steel /Magnitometricheskoe opredelenie tsementita v spechenykh kompozitsiyakh karbid titana-zhelezo i karbid titana-stal'/. 24 p4171 A67-41960
- SEREDA, V. I. U.
General method for solving linear integral equations of the second kind /Pro odin zagal'nyi metod rozv'lazuvannya liniinykh integral'nykh rivnyan' drugogo rodu/. 18 p3071 A67-34167
- SEREGIN, V. I.
On the possibility of protracted anabiosis in microorganisms. 15 p2427 A67-29118
- SEREGIN, V. P.
Automatic signal-frequency measurement with two resonance circuits /Avtomaticheskoe izmerenie chastoty signala s pomoshch'yu dvukh rezonansnykh konturov/. 01 p0022 A67-10413
- SEREGIN, V. V.
Equilibrium position of the axis of the Sperry MK19 gyrocompass /Polozhenie ravnovesiya osi girokompassa tipa Sperry MK19/. 06 p1003 A67-18178
Effect of oscillations on the readings of a Sperry MK 19 gyrocompass /Vliyanie kachki na pokazaniya girokompassa tipa Sperry MK 19/. 11 p1794 A67-25045
- SERENSEN, S. V.
Deformations and rupture criteria under low-cycles fatigue. 03 p0531 A67-14361
- SERGEANT, R. J.
A new approach for evaluating the performance and base environment characteristics of nonconventional rocket propulsion systems. [AIAA PAPER 67-256] 07 p1241 A67-20072
- SERGEANT, R. L.
Phonemic analysis of consonants in helium speech. 10 p1597 A67-23312
- SERGEENKOVA, V. A.
Dependence of the compressive strength of metal-ceramic nickel/aluminum oxide alloys on the grain size of the nickel matrix /Zavisimost' soprotivleniya szhat'iu metallokeramicheskikh splavov nikel'-okis' aluminia ot velichiny zerna nikel'evoi matritsy/. 17 p2871 A67-31924
- SERGEENKOVA, V. M.
Study of the properties of extruded nickel-aluminum oxide alloys /Issledovaniya svoystv ekstrudirovannykh splavov nikel'-okis' aluminia/. 09 p1517 A67-21876
Influence of a titanium additive on the growth process of dispersed aluminum oxide particles in a nickel matrix. III /Vliyanie dobavki titana na protsess rosta dispersnykh chastits okisi aluminia v nikel'evoi matritse. III/. 24 p4171 A67-41959
- SERGEEV, A. V.
Spectrographic measurements of cosmic-ray variations using the method of atmospheric absorption /Spektrograficheskie izmereniya variatsii kosmicheskikh luchei metodom pogloshcheniya v atmosfere/. 05 p0881 A67-16123
Relation of weak cosmic-ray bursts to A sub p characteristics of the geomagnetic
- SERAFIMOV, K. B.
Order of the recombination coefficient in the E layer /L'ordre du coefficient de recombinaison dans la couche E/. 06 p0999 A67-18737
Electron concentration in the F sub 1-layer as a function of the zenith angle of the sun. 07 p1178 A67-19820
Deflection absorption in the ionospheric E layer /Otklonialushchaya absorbtitsiya v ionosfernom sloe E/. 09 p1491 A67-21845
Determination of the altitude of the lower boundary of the ionosphere /Ob opredelenii nachal'noi vysoty ionosfery/. 16 p2669 A67-31906
- SERAFINI, T. T.
Effect of film processing on cryogenic properties of poly(ethylene terephthalate) /Poly(ethylene terephthalate) film processing effect on cryogenic properties/. 24 p4176 A67-42469
- SERBA, A. A.
Photoelectric characteristics of the capacitance of a surface varicap /Fotoelektricheskie kharakteristiki emkosti poverkhnostnogo varikap/. 07 p1152 A67-19591
The photoelectric characteristics of the capacitance of a surface varicap. 20 p3401 A67-37330
- SERBIN, A. I.
Wave refraction at 0.4 to 13 mu in a dry atmosphere /Refraktsiya voln diapazona 0.4-13 mk v sukhoy atmosfere/. 01 p0108 A67-10129
- SERBINOV, A. I.
Initiation of an explosive reaction in condensed explosives by a gas detonation. 06 p1112 A67-17954
Detonation initiation in liquid explosives by cavitation /Vozbuzhdenie vzryva zhidkikh vzryvchatykh veshchestv kavitatsiei/. 11 p1884 A67-24956
- SERBU, G. P.
Thermal plasma measurements within the magnetosphere. 10 p1649 A67-23295
- SERDIUK, G. B.
Magnetohydrodynamic phenomena in an electric arc /Magnitogidrodinamicheskie yavleniya v elektricheskoi duge/. 06 p1044 A67-18688
- SERDIUK, I. U.
Generators of sonic and ultrasonic frequencies using thyristors /Generatory zvukovoy i ul'trazvukovoy chastoty na tiristorakh/. 05 p0773 A67-16458
- SERDIUK, V. V.
Optical and temperature quenching of the red luminescence of cadmium sulfide /Opticheskoe i temperaturnoe tushenie krasnoi luminesentsii sul'fida kadmia/. 19 p3300 A67-34764
- SERDIUKOV, V. V.
Stability of triple-layer cylindrical shells beyond the elastic limit /Ustoichivost' trekhslonnykh tsilindricheskikh obolochek za predelom uprugosti/. 21 p3727 A67-38838
- SEREBRENNIKOV, P. S.
On the theory of tunneling. 16 p2725 A67-30808

- activity and the propagation in
interplanetary space of energetic solar
cosmic rays. 12 p1992 A67-25116
- Spectrographic measurements of cosmic
ray variations by an atmospheric absorption
method. 24 p4214 A67-42799
- SERGEEV, G. T.**
- Transfer processes during the reaction of
the surface material of a body with a
laminar boundary layer /Protsessy perenosy
pri reagirovani materiala poverkhnosti tela i
inzhktruemogo veshchestva s laminarnym
pogranichnym sloem/. 20 p3424 A67-37345
- Heat and mass transfer in a reacting
laminar boundary layer in the presence of
multicomponent diffusion /Teplo-i
massoobmen v reagirulushchem laminarnom
pogranichnom sloe pri nalichii
mnogokomponentnoi
diffuzii/. 23 p4081 A67-40744
- Transport processes in a reacting
boundary layer. 24 p4143 A67-42284
- Heat and mass transfer in the boundary
layer of a compressible gas during chemical
reactions /Teplo-i massoobmen v
pogranichnom sloe szhimaemogo gaza pri
khimicheskikh
reaktsiyakh/. 24 p4256 A67-42734
- SERGEEV, M. A.**
- Systematic error in ground gyrocompasses
/O metodicheskoi oshibke v nazemnykh
girokompasakh/. 09 p1498 A67-22036
- Stable equilibrium positions of a
gyrocompass /Ob ustoychivyykh polozheniyakh
ravnovesiya girokompasa/. 13 p2118 A67-26349
- SERGEEV, V. I.**
- Features of the calculation of vibroplate
pickups intended for measuring pulsating
forces /Osobennosti rascheta
vibroplastinnykh datchikov,
prednaznachennykh dlia izmereniya
pul'sirulushchikh sil/. 01 p0664 A67-10422
- Method of linearizing the characteristics
of vibrating and string transducers /Ob
odnom sposobe lineiarizatsii kharakteristik
vibratsionnykh i strunnykh
preobrazovatelei/. 06 p1003 A67-18174
- SERGEVA, A. I.**
- Results of measurements of the radio
emission of the moon at the wavelengths
7.93, 11.0, 14.2, and 20.8 cm /Rezultaty
izmerenii radioizlucheniya luny na volnakh
7.93, 11.0, 14.2 i 20.8 cm/. 02 p0322 A67-11581
- SERGEVA, G. A.**
- Seasonal changes in solar diurnal and
semidiurnal cosmic-ray variations /Sezonnye
izmeneniya solnechnosutochnoi i
polusutochnoi variatsii kosmicheskikh
luchei/. 05 p0885 A67-17138
- Rotation of the vector of solar diurnal
variation in cosmic radiation during a solar
activity minimum /Vrashcheniye vektora
solnechno-sutochnoi variatsii kosmicheskikh
luchei v minimume solnechnoi
aktivnosti/. 05 p0885 A67-17497
- Seasonal changes of the solar-diurnal and
semidiurnal cosmic-ray
variations. 21 p3700 A67-39048
- Study of the day-to-day anisotropy during
the solar-activity minimum /Issledovanie
anizotropii oto dnia ko dni v minimume
solnechnoi aktivnosti/. 23 p4058 A67-41122
- SERGEVA, G. G.**
- Frequency tripling of electromagnetic
waves in a hot-electron gas in
semiconductors /Ob utroenii chastoty
elektromagnitnoi volny v gaze gorjachikh
elektronov v
poluprovodnikakh/. 16 p2628 A67-31500
- SERGEVA, K. S.**
- Problems associated with the processing
of aerial photographs on the SD-3 and USD-1
stereographs /Nekotorye voprosy obrabotki
aerosnimkov na stereografakh SD-3 i
USD-1/. 05 p0809 A67-17549
- SERGEVA, V. M.**
- Thermal conductivity of lanthanum and its
monochalcogenides. 04 p0680 A67-15287
- SERGEICHEV, K. F.**
- Containment of a cylindrical plasma
stream by a strong microwave
field. 12 p1978 A67-28066
- Radiative acceleration of plasma
/Radiatsionnoe uskorenie
plazmy/. 17 p2904 A67-32915
- Passage of weakly inhomogeneous plasma
stream through a microwave potential
barrier. 23 p4032 A67-40910
- SERGIEVSKII, B. D.**
- Spectra of oscillations modulated in phase
by fluctuations. 03 p0393 A67-13950

- SERIAKOV, K. I.**
- Theoretical analysis of shock-wave
propagation in cesium vapor, taking
radiation into account /Teoreticheskii analiz
rasprostraneniya udarnoi volny v parakh
tsezliya s uchedom
izlucheniya/. 09 p1540 A67-21791
- SERIN, B.**
- Thermoelectric power of gold
films. 02 p0293 A67-11749
- Thermomagnetic effects in
superconducting niobium. 19 p3304 A67-35535
- Influence of oscillating fields on the Hall
effect and resistance of superconducting
niobium. 24 p4201 A67-41870
- SERIS, H.**
- Ejections through the canopy /Ejections a
travers verriere/. 14 p2257 A67-28215
- Germ samplings at high altitude - First
results /Prelevements de germe en altitude
- Premiers resultats/. 23 p3963 A67-41072
- SERMONS, G. I.A.**
- Contactless flowmeter for electrically
conducting fluids /Ob odnom beskontaktnom
izmeritele skorosti techeniya
elektroprovodiashchey
zhidkosti/. 04 p0624 A67-15531
- SERNAGIOTTO, F.**
- Scattering of waves by a medium with
strong fluctuations of refractive
index. 07 p1141 A67-19441
- Some results about a kinetic model with
velocity-dependent collision
frequency. 13 p2100 A67-28956
- Cylindrical Couette flow of a rarefied
gas. 18 p3029 A67-34738
- SERNIUK, W.**
- The new look in
avionics. 23 p3980 A67-40927
- SEROKA, J.**
- EPZ-1 and EPZ-3 flow meters for
simultaneous measurement of the flow rate
and volume of a flowing fluid
/Przeplomyerze do jednoczesnego pomiaru
natężenia i ilości przepływającej cieczy typu
EPZ-1 i EPZ-3/. 16 p2871 A67-31006
- SEROVA, I. A.**
- Ferroelectric properties of PbTiO sub 3 -
PbZrO sub 3 -PbNi sub 1/3 Nb sub 2/3 O
sub 3 solid solutions. 03 p0498 A67-13704
- SEROVY, G. K.**
- Effects of free-stream turbulence and
pressure gradient on flat-plate boundary-
layer velocity profiles and on heat transfer.
[ASME PAPER 66-WA/HT-4] 04 p0608 A67-15448
- Effects of free-stream turbulence and
pressure gradient on flat-plate boundary-
layer velocity profiles and on heat transfer.
[ASME PAPER 66-WA/HT-4] 15 p2470 A67-29321
- SERRA, A.**
- Instrumentation and technique for the
vertical sounding of atmospheric ozone
implemented at Cagliari during the
International Quiet Sun Year
/Strumentazione e metodo di rilevamento
dell'ozono atmosferico in quota realizzati a
Cagliari durante l' "Anno di Quietate
Solare"/. 03 p0405 A67-12804
- SERRA, G. F.**
- A digital force-balance pressure
transducer. 01 p0075 A67-11135
- SERRIN, J.**
- Asymptotic behaviour of velocity profiles
in the Prandtl boundary layer
theory. 19 p3212 A67-36031
- A maximum principle for nonlinear
parabolic equations. 20 p3475 A67-36502
- SERVANTY, P.**
- Gas turbines with pulsating combustion
chambers /Turbines a gaz a chambres de
combustion pulsatoire/. 05 p0873 A67-16743
- SERWACH, A.**
- Correction of electrohydraulic
servomechanisms /Korekcja
serwomechanizmow elektrohydraulicznych/.
09 p1442 A67-21687
- Tests with multiplate hydraulic actuators
/Badania hydraulicznych dławików
wielopłytkowych/. 16 p2808 A67-31007
- SERWAY, R. A.**
- Electron-spin-resonance absorption
spectrum of platinum in yttrium aluminum
garnet. 03 p0492 A67-13326
- SESHADRI, S. R.**
- Infinite insulated cylindrical antenna in a
simple anisotropic
medium. 03 p0384 A67-13849
- Radiation from an electric dipole in a
magnetoplasma. 05 p0853 A67-16848

- Effect of ion sheath on radiation in a
magnetotonic medium. II. 08 p1357 A67-20715
- Cerenkov radiation in a magnetotonic
medium. 17 p2812 A67-32314
- An integral equation for the current in an
asymmetrically driven cylindrical
antenna. 17 p2826 A67-32618
- Guided waves on an infinite cylindrical
cavity in a magneto-ionic medium. 20 p3383 A67-37107
- I. Guided waves on an infinite cylindrical
cavity in a magneto-ionic medium. 20 p3383 A67-37108
- II. Surface waves along an axially magnetized
plasma column. I. 22 p3847 A67-39621
- SESINI, R.**
- Diffusion bonding of titanium to steel
/Diffusionsschweissung von Titan mit
Stahl/. 09 p1520 A67-22436
- SESNIC, S.**
- Relaxation oscillations in n-type InSb and
responsivity measurements in the far
infrared. 15 p2540 A67-29931
- SESSIONS, C. E.**
- Mass transfer of niobium-base alloys in
flowing nonisothermal
lithium. 07 p1223 A67-19463
- SESSIONS, O. T.**
- A note on a short method of measuring
Reynolds stresses with a constant-current
hot-wire anemometer. 10 p1629 A67-23845
- SESSLER, G. M.**
- Velocity and attenuation of ionic plasma
waves in weakly ionized
gases. 19 p3290 A67-35378
- Excitation and measurement of acoustic
ion waves. 21 p3875 A67-39054
- Propagation of ion waves in weakly
ionized gases. 23 p4032 A67-40960
- SESTAK, J.**
- Limiting values of the Nusselt number for
heat transfer to the pipeline flow of non-
Newtonian fluids with arbitrary internal heat
generation. [AICHE PAPER 12] 20 p3552 A67-36828
- SESTERO, A.**
- Vlasov equation study of plasma motion
across magnetic fields. 03 p0484 A67-14042
- Self-consistent description of a warm
stationary plasma in a uniformly sheared
magnetic field. 08 p1364 A67-21402
- Stationary regimes of a plasma
diode. 22 p3774 A67-40322
- SETESCAK, E. J.**
- Philosophy and nature of shaker
protective devices. 22 p3781 A67-40403
- SETHARES, J. C.**
- A hybrid ferrimagnetic-dielectric
microwave filter. 24 p4132 A67-42808
- SETHNA, P. R.**
- An extension of the method of
averaging. 17 p2885 A67-33140
- SETO, Y. J.**
- The reflection coefficient for
electromagnetic waves incident upon a
homogeneous moving plasma in a shock
tube. 15 p2531 A67-29905
- SETTE, D.**
- Coherence and statistical properties of a
two-mode laser beam. 02 p0254 A67-12634
- On the linewidth of electromagnetic
radiation in equilibrium with an optical
cavity. 14 p2329 A67-27952
- Evidence for damage regions in Si, GaAs,
and InSb semiconductors bombarded with
high-energy neutrons. 17 p2922 A67-33060
- Photostatistics of an N-mode laser
field. 21 p3842 A67-39117
- Laser damage on
surfaces. 23 p4045 A67-41470
- SETTLES, R. A.**
- Theory for the polarization of the four
cosmic OH 18-cm lines. 13 p2161 A67-27289
- SEUBOLD, J. G.**
- Length of the supersonic core in high-
speed jets. 23 p3992 A67-41739
- SEVASTIANENKO, V. G.**
- Calculation of a cylindrical electric arc
with allowance for radiative energy transfer
/Raschet tsilindricheskoi elektricheskoi dugi
s uchedom perenosy energii
izlucheniya/. 17 p2897 A67-32172
- SEVASTIANOV, R. M.**
- Electrical conductivity of air in the
temperature range from 1000 to 20,000 deg
K. 04 p0664 A67-14777
- SEVCHENKO, A. N.**
- Temperature-induced and optical
quenching of emission recombination in
gallium arsenide /Temperaturnoe i
opticheskoe gashenie izluchatel'noi

- rekombinatsii v arsenide
gallia/. 02 p0254 A67-12741
- Energy spectrum of radiation defects in silicon single crystals. 05 p0872 A67-17547
- Electric and photoelectric properties of fast-neutron-irradiated p-type silicon single crystals /Elektricheskie i fotoelektricheskie svoystva monokristallov kremniia p-tipa, obлучennykh bystryml netronami/. 10 p1691 A67-23404
- SEVCIK, M.
Pneumatic digital optimizing device. 08 p1280 A67-20441
- SEVENHUYSEN, P. J.
Bending of orthotropic plates under uniform transverse loading, and the analogy with beams on an elastic layer. 03 p0520 A67-13017
- SEVERDENKO, V. P.
Method of studying the propagation of plastic deformation during dynamic loading /Metod issledovaniia rasprostraneniia plasticheskoi deformatsii pri dinamicheskoi nagruzhennii/. 05 p0921 A67-16936
- Effect of the speed of deformation on structural changes in titanium /O vliianii skorosti deformatsii na izmenenie struktury titana/. 07 p1209 A67-19735
- X-ray investigation of the dimensions of the block structure of a metal deformed in an ultrasonic field /Rentgenograficheskoe issledovanie razmerov blochnoi struktury metalla, deformirovannogo v ul'trazvukovom pole/. 13 p2124 A67-27627
- Measurement of the rupture stress in dynamic tensile tests /Izmerenie usiliia razrusheniia pri dinamicheskoi rastiazhenii/. 18 p3141 A67-33719
- SEVERIANINA, E. N.
Effect of rare earth metals on the Neel temperature and plasticity of recrystallized chromium /Vlianie redkozemel'nykh metallov na temperaturu Neelia i plastichnost' rekristallizovannogo khroma/. 13 p2131 A67-26450
- SEVERNE, G.
On the statistical mechanics of gravitational plasmas /Sur la mecanique statistique des systemes gravitationnels/. 16 p2748 A67-31139
- SEVERNY, A.
On the forecasting of flares. 19 p3314 A67-35269
- Fine structure of solar magnetic fields. 21 p3708 A67-38986
- SEVERNY, A. B.
Observations of star fields made beyond the atmosphere. 04 p0700 A67-15073
- SEVERNYI, A. B.
Magnetic fields of the sun and stars. 02 p0322 A67-11683
- Magnetic fields at various depths in the solar atmosphere. 04 p0701 A67-15551
- SEVIER, H. G.
Fin structural design for high performance sounding rockets. 08 p1416 A67-20532
- Fin structural design for high-performance sounding rockets. 21 p3712 A67-37807
- SEVIGNY, L.
Three-beam holographic interferometry. 23 p4001 A67-41259
- SEVIN, J.
Nonlinear optical attenuation in silicon /Attenuation optique non lineaire dans le silicium/. 16 p2685 A67-30870
- SEVOSTIANOV, G. D.
Two-dimensional transonic gas flow far from a profile located in the channel. 03 p0352 A67-13620
- Two Tricomi boundary value problems in an infinite region /Dve kraevye zadachi Trikoml v bezgranichnoi oblasti/. 09 p1524 A67-21929
- SEVRIUKOVA, L. M.
Effects of fast neutrons on silicon-alloy p-n junctions. 20 p3508 A67-36402
- SEVY, J. L.
The effect of multiple CW and FM signals passed through a hard limiter or TWT. 01 p0025 A67-10858
- SEWALL, J. L.
An analysis of free vibration of orthogonally stiffened cylindrical shells with stiffeners treated as discrete elements. [AIAA PAPER 67-71] 07 p1262 A67-19434
- SEWARD, F.
Spectral and location measurements of several cosmic X-ray sources including a variable source in Centaurus. 21 p3698 A67-38564
- SEWARD, F. K.
An application-oriented multiprocessing system. VI. 23 p3976 A67-41060
- SEWELL, K. G.
Multimode operation in Gunn oscillators induced by cooling and illumination. 19 p3305 A67-35628
- SEWELL, R. T.
Low altitude flight load spectra for light aircraft. 24 p4094 A67-42755
- SEXL, T.
Conservation of energy in electromagnetohydrodynamics /Der Energiesatz in der elektromagnetohydrodynamik/. 16 p2721 A67-31549
- SEXTON, M. C.
Bias characteristics of a GaAs X band-to-Q band inline frequency tripler. 01 p0041 A67-11319
- Ionization rates in the inert gases. 12 p1970 A67-25291
- SEYBOLT, A. U.
Oxide dispersion-strengthened NIAI and FeAl. 06 p1014 A67-17803
- SEYFERT, P.
Influence of neutron irradiation at the temperature of 80 deg K on the thermal conductivity of silicon /Influence de l'irradiation aux neutrons a la temperature de 80 deg K sur la conductibilite thermique du silicium/. 24 p4206 A67-43110
- SEYMOUR, E. V.
Fluid flow through tubes containing twisted tapes. 02 p0233 A67-12200
- SPORZA, P.
Further experimental results for three-dimensional free jets. 12 p1892 A67-25901
- SGOUROS, P.
Maintainability prediction in department of defense development programs. 16 p2781 A67-30442
- SHABALIN, K.
Mechanism of decay of a jet into large drops. 04 p0609 A67-15591
- SHABANOV, V. N.
A nonlinear transmission line with distributed parameters based on a p-n junction. 03 p0379 A67-13294
- SHABANOVA, S. V.
Structure of certain alloys in the ternary system Ti-Mo-C /Stroenie nekotorykh spлавov v troinoi sisteme Ti-Mo-C/. 07 p1203 A67-19261
- SHABANSKII, V. P.
Character of variation of solar wind parameters, of the shape of the magnetosphere, and of the magnetic field during magnetic storms. 07 p1243 A67-19804
- Interaction of energetic charged particles with hydrodynamic waves. 12 p1994 A67-25530
- Behavior of radiation-belt particles during magnetic storms. 12 p1994 A67-25531
- Generation of electrical fields in the magnetosphere and the acceleration of auroral particles /Generatsiia elektricheskikh poliv v magnitosfere i uskorenie chastits polarnykh slaniil/. 14 p2307 A67-27917
- SHABOTT, A. L.
Use of the Curtis-Godson approximation in calculations of radiant heating by inhomogeneous hot gases. 02 p0342 A67-12050
- SHABROV, A. A.
Features of the directional properties of asymmetrically truncated parabolic antennas /Nekotorye osobennosti napravlennykh svoystv nesimmetrichno usechennykh parabolicheskikh antenn/. 02 p0209 A67-11506
- Directional properties of nonsymmetrically truncated parabolic antennas. 14 p2283 A67-28070
- SHACKCLOTH, B.
Synthesis of model reference adaptive systems by Liapunov's second method. 07 p1160 A67-19196
- Design of model reference control systems using a Lyapunov synthesis technique. 07 p1162 A67-20203
- SHACKS, S.
Rapid free-film particle electrophoresis - A new clinical capability. 23 p3956 A67-41628
- SHADE, H. D.
Contaminants vs micrometeorites from the 1965 Leonid Meteor Shower. 23 p3986 A67-40850
- SHADRIN, V. P.
Aerodynamic characteristics of a flapped finite-span wing moving near a solid wall /Aerodinamicheskie kharakteristiki kryla konechnogo razmakha s zakrytkom, dvizhushchegosia vblizl tverdoi stenki/. 17 p2792 A67-32902
- SHADRINTSEV, I. S.
Problems of automation of operative medical control in space flight /Problemy avtomatizatsii operativnogo vrachebnogo kontrolla v kosmicheskoi polete/. 16 p2618 A67-30902
- SHAFER, G. V.
Relation between Forbush effects and solar flares. 02 p0311 A67-12592
- Principal characteristics of the Forbush-decreases during periods of minimum solar activity /Osnovnye kharakteristiki Forbush-spádov v period minimuma solnechnoi aktivnosti/. 23 p4057 A67-41118
- SHAFER, IU. G.
Screen effects and cosmic ray intensity beyond the limits of the atmosphere /Ekrannye efekty i intensivnost' kosmicheskikh luchei za predelami atmosfery/. 02 p0307 A67-11668
- Preliminary results of investigating the variations in the intensity of cosmic rays by the Cosmos-25 satellite /Predvaritel'nye rezul'taty issledovaniia variatsii intensivnosti kosmicheskikh luchei na ISZ Cosmos-25/. 05 p0878 A67-16092
- Preferential acceleration of heavy nuclei on the sun /O prelmushchestvennom uskoreni tiazhelykh iader na solntse/. 13 p2195 A67-27341
- Shielding effects and cosmic-ray intensity beyond the atmosphere. 16 p2738 A67-31083
- Study of cosmic rays with ionization chambers on board Cosmos 19 and Cosmos 25 /Issledovanie kosmicheskikh luchei na ISZ Kosmos-19 i Kosmos-25 s pomoshch'yu ionizatsionnoi kamery/. 23 p4055 A67-41100
- Preliminary results of a study of cosmic ray intensity variations by means of Kosmos 25. 24 p4213 A67-42768
- SHAFER, M. W.
Magnetic and optical properties of transparent RbNIF sub 3. 12 p1984 A67-25747
- SHAFER, W. A.
Further development of the field effect monitor. 23 p3966 A67-41582
- SHAFFER, B. W.
The reciprocal theorem for harmonic oscillations of an elastic, isotropic medium. [ASME PAPER 65-WA/MD-21] 03 p0525 A67-13832
- SHAFFER, P. T. B.
Strength characteristics of whisker crystals, microcrystals, and macrocrystals. 03 p0449 A67-13306
- SHAFIEV, R. A.
Certain iterative methods of solving nonlinear equations with nondifferentiable operators /O nekotorykh iteratsionnykh metodakh resheniia nelinelnykh uravnenii s nedifferentsiruemyimi operatorami/. 13 p2149 A67-27619
- SHAFRAN, J. S.
An application of bounded phase-coordinate control theory to an undamped oscillatory plant with control amplitude and rate saturations. 08 p1309 A67-20330
- Time-optimal control of a bounded phase-coordinate process. II. 16 p2762 A67-31843
- Extremal control of an undamped oscillatory plant with control amplitude and rate saturations. 22 p3833 A67-40149
- SHAFRANOV, M. D.
Investigation of the generation of rho super plus and n super ' super plus super plus resonances in the pi super plus p goes to pi super plus p pi super 0 reaction at a pi super plus -meson momentum of 2.34 Gev/c /Issledovanie rozhdeniia rezonansov rho super plus i n super ' super plus super plus v reaktsii pi super plus p goes to pi super plus p pi super 0 pri impuls'e pi super plus -mezonov 2,34 Gev/c/. 24 p1493 A67-42856
- SHAFRANOV, V. D.
Toroidal traps for a plasma with a spatial magnetic axis /Toroidal'nye lovushki dlia plazmy s prostranstvennoi magnitnoi os'iu/. 01 p0121 A67-10342
- Theory of plasma equilibrium in toroidal magnetic traps /K teorii ravnovesiia plazmy v toroidal'nykh magnitnykh lovushkakh/. 01 p0123 A67-10508
- Diffusion of the plasma of a toroidal discharge. 01 p0126 A67-11300
- Toroidal plasma traps with three-dimensional magnetic axes. 11 p1843 A67-25015
- Theory of plasma equilibrium in toroidal magnetic traps. 11 p1844 A67-25071

- Electromagnetic waves in a plasma. 20 p3492 A67-36129
- SHAFFIN, I. A.**
Statistical method of solving the inverse problem of ozone profile measurements /Ob osnovakh statisticheskogo metoda reshenia obratnoi zadachi. 05 p0796 A67-16488
Statistical characteristics of the ozone layer. 07 p1170 A67-19357
Solution of a nonstationary one-dimensional equation of ozone transport /O reshenii nestatsionarnogo odnomernogo uravnenia perenosa. 07 p1172 A67-19457
Local characteristics of vertical ozone distribution. 07 p1173 A67-19696
Fundamentals of the statistical method of solving the inverse problem of ozone measurement. 13 p2109 A67-26344
- SHAFRIR, U.**
Preliminary results of a micrometeoroid collection experiment in the Luster program. 10 p1707 A67-23237
The effective braking height for small interplanetary particles in the Martian upper atmosphere. 18 p3135 A67-34541
Conversion of collection data to micrometeorite fluxes. 19 p3318 A67-35195
Results of micrometeoroid collection experiments flown on Gemini 9 and Gemini 12. 19 p3339 A67-35196
Interplanetary particles and noctilucent clouds. 22 p3890 A67-40472
A note on the dynamical interaction of small interplanetary particles with the earth's upper atmosphere. 22 p3890 A67-40473
- SHAGURIN, I. I.**
Nonlinear distortions in tunnel-diode voltage amplifiers /Nelineynye iskazheniya v usilitelakh naprizheniya na tunnel'nykh diodakh/. 03 p0377 A67-13235
Equivalent circuit of a dinistor with parameters independent of frequency /Ekvivalentnaya skhema dinistora s parametrami, ne zavislyashchimi ot chastoty/. 03 p0377 A67-13238
- SHAH, G. M.**
The 26-month oscillation in zonal wind and temperature. 13 p2150 A67-26440
Quasi-biennial oscillation in ozone. 19 p3225 A67-35921
- SHAH, H. C.**
Principle of maximum entropy and its application in reliability estimation of aircraft structures. 10 p1726 A67-23730
- SHAH, I. K.**
Computer analysis of the F-111 wing assembly. 03 p0525 A67-13967
- SHAH, J. M.**
Computer analysis of the F-111 wing assembly. 03 p0525 A67-13967
Ill-conditioned stiffness matrices. 03 p0528 A67-13969
- SHAH, V. L.**
The transfer of heat across a two-dimensional, oscillating boundary layer. 23 p4082 A67-41243
- SHAHBENDER, R.**
Sonic film memory. 18 p3012 A67-34347
Sonic film memory. 19 p3189 A67-36067
- SHAHINIAN, P.**
The effect of nitrogen on the tensile and creep-rupture properties of niobium. 02 p0256 A67-12703
- SHAHROKHI, F.**
A method for the prediction of radiative heat transfer from flames. [ASME PAPER 67-HT-47] 20 p3547 A67-36729
- SHAIBO, N. V.**
Integration of the acceleration equations of a body on an MN-7 analog computer /Integrirovaniye uravneniya razgona tela s pomoshch'yu modelirushchey mashiny tipa MH-7/. 18 p3023 A67-33426
- SHAIKOV, V. I.**
Aerodynamic design of a helicopter rotor under vertical descent conditions by the tip vortex method /Aerodinamicheskii raschet nesushchego vinta vertoletna na rezhimakh vertikal'nogo snizheniya metodom kol'tsevykh vikhrei/. 14 p2243 A67-28641
Aerodynamic computation of the main rotor of a helicopter under conditions of steep descent, by the method of ring vortices /Aerodinamicheskii raschet nesushchego vinta vertoletna na rezhimakh krutogo snizheniya metodom kol'tsevykh vikhrei/. 20 p3356 A67-36443
- SHAIKOV, I. I.**
Improvement of the radiation resistivity of potatoes in conditions of anoxia /Povyshenie radiorezistentnosti kartofella v usloviyakh anoksi/. 13 p2058 A67-28755
- SHAIKOV, G. F.**
Stability of the motion of a liquid between two rotating spherical surfaces /Ob ustoiichivosti dvizheniya zhidkosti mezhdu dvumya vrashchalushchimisya sfericheskimi poverkhnostyami/. 06 p0992 A67-18820
- SHAIKH, N. A.**
A new perturbation method for computing earth-moon trajectories. 02 p0330 A67-12717
- SHAIKHUTDINOV, Z. G.**
Investigation of the flow interaction in the case of blowing of a gas into the supersonic portion of a Laval nozzle /Issledovanie vzaimodelstviya potokov pri vdue gaze v sverkhzvukovuyu chast' oserimmetrichnogo sopla Lavalla/. 22 p3743 A67-40452
- SHAIR, R. C.**
A review of batteries and fuel cells for space power systems. 17 p2801 A67-32047
- SHAKESHAFT, J.**
Radio galaxies. 03 p0518 A67-14335
- SHAKESPEARE, C.**
The measurement and analysis of rotor blade airloads and the resulting dynamic response of a large tandem rotor helicopter. 20 p3536 A67-36462
- SHAKESPEARE, C. R.**
Advances in powder metallurgy. 20 p3465 A67-36496
- SHAKH-MELIKOVA, I. A.**
Determination of the electron-hole pair separation energy in CdS single crystals during irradiation by 5-to 50-keV electrons /Opredelenie energii razdeleniya pary elektron-dyrka v monokristallakh CdS pri obluhenii elektronami s energiei 5 - 50 keV/. 03 p0490 A67-13160
Determination of the energy of separation of an electron-hole pair in CdS single crystals during irradiation by 5-50 keV electrons. 10 p1690 A67-23107
- SHAKHGILDIAN, V. V.**
Determination of the lock-on band of an inertial system of phase automatic frequency control in the presence of fluctuation noises /Opredelenie polosy zakhvata inertsionnoi sistemy fazovoi avtopodstroiki chastoty pri deistvii fluktuatsionnykh pomekh/. 11 p1750 A67-23910
Synchronization failure in a phase-lock automatic frequency control system /Sryv sinkhronizatsii v sisteme fazovoi avtopodstroiki chastoty/. 18 p3000 A67-34086
Pull-in range of a phase-locked automatic frequency control system with inertia in the presence of fluctuating interference. 21 p3585 A67-38938
- SHAKHGILDIAN, V. V.**
The effect of noise on the accuracy of a phase-locked AFC system. 01 p0037 A67-10713
- SHAKHNAZAROVA, G. A.**
Spectroscopic measurements of plasma parameters in thermionic converters. 13 p2056 A67-27385
- SHAKHNO, O. F.**
Phase characteristics of regenerative amplifiers having a finite number of reactive elements. 24 p4129 A67-42226
- SHAKHNOV, I. I.**
Optimum MHD generator /Ob optimal'nykh MGD-generatorakh/. 06 p0951 A67-18674
Results of a study of the problem of the magnetohydrodynamic conversion of energy /Nekotorye rezul'taty issledovaniya problemy magnitogidrodinamicheskogo preobrazovaniya energii/. 18 p2608 A67-30600
- SHAKHOV, E. M.**
The Boltzmann equation and the moment equations in curvilinear coordinates /Uraunenie Boltzman i momentnye uravneniya v krivoliniynykh koordinatakh/. 14 p2297 A67-27998
- SHAKHOVA, I. I.**
Some mechanical and physical properties of the AT13 alloy /Nekotorye mekhanicheskie i fizicheskie svoystva splava AT13/. 07 p1207 A67-19287
- SHAKHOVA, K. I.**
Study of the system TiCr sub 2-ZrCr sub 2 /Issledovanie sistemy TiCr sub 2-ZrCr sub 2/. 07 p1204 A67-19285
- SHAKHOVA, TS. I.**
Certain specific features of inelastic pi N collisions for a 17 GeV/c momentum /Nekotorye osobennosti pi N-neuprugikh soudareniy pri impul'se 17 GeV/c/. 24 p4192 A67-42853
- SHAKHPARONOV, M. I.**
Study of the hyperacoustic properties of fluids with the aid of a helium-neon laser /Issledovanie giperakusticheskikh svoystv zhidkostei s pomoshch'yu gelineonovogo lazera/. 12 p1953 A67-25446
Investigation of the hyperacoustic properties of liquids by means of a helium-neon laser. 21 p3642 A67-38820
- SHAKHTAKHTINSKII, M. G.**
High-temperature inversion of the Hall coefficient in tellurium /O vysokotemperaturnoi inversii koeffitsienta Kholla v tellure/. 03 p0492 A67-13344
Inversion of the Hall coefficient of tellurium alloyed with thallium /Ob inversii koeffitsienta Kholla tellura, legirovannogo tal'iem/. 03 p0500 A67-14232
High-temperature inversion of the Hall coefficient in tellurium. 13 p2184 A67-27718
- SHAKHTARIN, B. I.**
Filtering capacity of a phase-locked AFC system. 03 p0380 A67-13580
- SHAKIROVA, S. A.**
Localization of field emission in small solid angles. 06 p0968 A67-18091
- SHAKLEE, K. L.**
Electroreflectance at a semiconductor-electrolyte interface. 10 p1691 A67-23401
- SHALAEVSKII, O. V.**
Contribution to the theory of approximate minimax detection of signals against a Gaussian background /K teorii priblizhenno minimaksnogo vydeleniya signalov na Gaussovskom fone/. 22 p3762 A67-39876
- SHALAGINA, E. V.**
Fast helium nuclei in nuclear splittings /Bystrye ladra gellia v ladernykh rasshchepleniyakh/. 24 p4193 A67-42860
- SHALAK, N. I.**
Some results of neutron measurements in the atmosphere. 02 p0312 A67-12606
- SHALASHILIN, V. A.**
Stability of a two-layer cylindrical shell under axial compression with transverse displacements taken into account /Ob ustoiichivosti dvukhsloinoi tsilindricheskoi obolochki pri osevom szhatii s ucheto poperechnykh sdvigo/. 21 p3725 A67-38793
- SHALASHILIN, V. I.**
Stability of a cylindrical panel with clamped lateral edges and a free longitudinal edge, under nonuniform longitudinal compression /Ustoiichivost' tsilindricheskoi paneli s zashchemlennymi poperechnymi kromkami i svobodnym prodol'nym kraem pri neravnomernom prodol'nom szhatii/. 21 p3726 A67-38796
- SHALASHOV, V. A.**
Treatment of steel with laser rays. 06 p1008 A67-18234
- SHALIMOV, V. P.**
Problem of the anomalous diffusion of charged particles in the earth's magnetosphere /K voprosu ob anomal'noi diffuzii zaryazhennykh chastits v magnitosfere zemli/. 02 p0306 A67-11550
The motion of charged particles in the field of a magnetic dipole in an external magnetic field - The Stoermer method. I. 11 p1856 A67-24069
Motion of a charged particle in the magnetosphere under the action of a sudden geomagnetic impulse. 12 p1992 A67-25118
The use of Stoermer's method for the investigation of the motion of charged particles in the field of a magnetic dipole situated in an external magnetic field. II. 12 p1994 A67-25644
Anomalous diffusion of charged particles in the earth's magnetosphere. 16 p2740 A67-31616
- SHALIMOVA, K. V.**
Spectral distribution of the relative quantum yield of photoluminescence of polycrystalline cadmium sulfide films at 77 deg K. 01 p0133 A67-10510
Temperature-dependence of the spectra of absorption, reflection, radiation, excitation, and quantum output of the luminescence of polycrystalline cadmium sulfide films /Temperaturnaya zavisimost' spektrrov pogloshcheniya, otryazheniya, izlucheniya, vzbuzhdeniya i kvantovogo vykhoda luminesentsii polikristallicheskikh plenok sul'fida kadmila/. 03 p0433 A67-12889
Effect of the condensation rates of CdTe, Te, and Cd on the critical temperatures and the phase composition of their films /Vliyanie skorosti kondensatsii CdTe, Te i Cd na kriticheskie temperatury i fazovyi sostav

- plenok/. 15 p2537 A67-29706
Effects of CdTe, Te, and Cd condensation rates on the critical temperatures and phase content of thin films. 24 p4199 A67-41776
- SHALIT, B. L.
Dental aspects of manned space expeditions. 06 p0954 A67-19030
- SHALMAN, I. I.
Wear and change in parameters of the axial and centrifugal compressor stages due to operation in dusty air /Izнос i izmenenie parametrov osevoi i tsentroběžnoi stupeni kompressora pri rabote na zapylennom vozdukh/. 11 p1853 A67-24531
- SHALNEV, K. K.
Certain problems of cavitation /Nekotorye problemy kavitatsii/. 20 p3420 A67-36631
Mechanism of jet adhesion to the wall of a jet amplifier - The Coanda effect /O mekhanizme prilipaniia strui k stenke struinogo usilitelia - Effekt Koanda/. 20 p3421 A67-36811
- SHALNIKOV, A. I.
Cryopump for creating a superhigh vacuum /Kriozasos dlia polucheniia sverkhvysokogo vakuuma/. 06 p0950 A67-17940
Cryopump for the obtention of ultrahigh vacuum. 18 p2988 A67-33776
- SHALYT, S. S.
Quantum oscillations of the thermoelectric power of n-type InSb. 04 p0680 A67-15288
Scattering mechanism of current carriers in PbTe - Analysis of the Wiedemann-Franz ratio /K voprosu o mekhanizme rasselanii nositelei toka v PbTe - Analiz sootnosheniia Videmana-Frantsa/. 05 p0868 A67-17067
Problem of the mechanism of carrier scattering in PbTe /Analysis of the Wiedemann-Franz law/. 15 p2539 A67-29798
Complex oscillation of the photomagnetic effect in n-InSb in a strong magnetic field. 17 p2914 A67-32451
- SHAM, L. J.
Theory of the shallow impurity states in semiconductors. 02 p0281 A67-11491
- SHAMANSKII, V. E.
Numerical methods for solving boundary-value problems on electronic digital computers. II - Nonlinear boundary-value and eigenvalue problems for differential equations /Metody chislennogo resheniia kraevykh zadach na ETSVM. II - Nelineinye kraevye zadachi i zadachi na sobstvennye znacheniiia dlia differentsial'nykh uravnenii/. 08 p1349 A67-21337
Solution of boundary-value problems by iterative methods /O reshenii kraevykh zadach iteratsionnymi metodami/. 17 p2877 A67-32678
Numerical estimates of the minimized functional in optimal-response problems /Chislennoe postroyenie otsenok minimaliziruemoi funktsionala v zadachakh na optimal'noe bystrodeistvie/. 17 p2830 A67-32869
- SHAMBLIN, P.
Development and application of a logistic simulation model. 18 p3021 A67-34674
- SHAMFAROV, I. A. L.
Study of spin-lattice electron relaxation in neutron-irradiated quartz at 37 GHz in the helium temperature range /Issledovanie elektronnoi spin-reshetochnoi relaksatsii v oblichennom neitronnoi kvartse na chastote 37 Ggts v oblasti gelievyykh temperatur/. 01 p0127 A67-10064
A two-level solid-state quantum generator and amplifier in the 8-mm range with a high recurrent inversion frequency /Dvukhurovnevyy kvantovyy generator i usilitel' 8-mm diapazona na tverdom tele s povyshennoi rekurentnoi chastotoi inversii/. 04 p0633 A67-15158
Use of the structure of an inhomogeneously broadened EPR line to increase the active time of two-level quantum paramagnetic amplifiers /Ispol'zovanie struktury neodnorodno ushirennoi linii elektronnoho paramagnitnogo rezonansa dlia uvelicheniia aktivnogo vremeni dvukhurovnevyykh kvantovyykh paramagnitnykh usilitel'/. 04 p0633 A67-15159
A solid state 8 mm two-level quantum oscillator and amplifier with increased inversion repetition frequency. 15 p2496 A67-29345
The use of the structure of an electron paramagnetic resonance line broadened by parts for the purpose of increasing the active time of two-level solid-state masers. 15 p2496 A67-29346
- SHAMILEV, M. R.
Investigation of the angular distribution of terrestrial thermal radiation to outer space in the August 27, 1958 flight of a geophysical rocket. 14 p2306 A67-27860
- SHAMIS, S. S.
A class of minimum sensitivity amplifiers. 15 p2443 A67-29239
- SHAMILGAUZEN, V. I.
Synthesis of a self-adaptive servosystem /Sintez odnoi samonastroyaiushchiesia slediaschel sistemy/. 23 p3983 A67-40598
- SHAMPINE, L. F.
The first and second boundary value problems for nonlinear second order differential equations. 04 p0647 A67-15742
- SHANEERBROOK, J. R.
An approximate method of treating the three-dimensional, laminar, incompressible boundary layer equations when the cross flow is small. 04 p0607 A67-15365
[ASME PAPER 66-WA/FE-34]
- SHANFIELD, I.
High-speed photographic investigation of gun-launched projectiles. 01 p0068 A67-10968
- SHANI, A.
Optimum time sharing of a digital communication channel. 21 p3581 A67-38179
- SHANINA, B. D.
Study of the concentration dependence of the EPR of Mn super 2 super plus in CdTe single crystals. 23 p4042 A67-41294
- SHANKLIN, R. V.
Characteristics of a family of diagonal conducting wall MHD generators. 12 p1898 A67-25381
- SHANKLIN, R. V., III
Thermal similarity study of a typical space vehicle element. 04 p0724 A67-15247
[AIAA PAPER 66-460]
An experimental and theoretical comparison of the performance of diagonal wall generators, Faraday generators and Hall current generators. 16 p2608 A67-30597
- SHANKOWSKI, A. E.
Improved microwave refraction technique for measuring electron-density distribution in a transient plasma column. 19 p3295 A67-35517
- SHANLEY, P. E.
Three-body approach to direct nuclear reactions. 24 p4191 A67-42593
- SHANNON, J. P.
Distortion of a splashing liquid drop. 19 p3212 A67-35895
- SHANNON, C. E.
Lower bounds to error probability for coding on discrete memoryless channels. I. 11 p1752 A67-24270
Lower bounds to error probability for coding on discrete memoryless channels. II. 22 p3764 A67-39296
- SHANNON, H. H.
A technique for the remote alignment of narrow beam, quasi-stationary antennas. 18 p3016 A67-34596
- SHANNON, I. L.
Normal human serum parameters for simulated altitude and aerospace flights. III - Estimation of change in serum potassium, sodium, and chloride. 01 p0015 A67-10952
- SHANNON, J. L.
Applications of capillary microscopy in exobiological research. 19 p3179 A67-35205
Synergism in ethylene oxide-methyl bromide sterilization of very dry spore and staphylococcal populations. 19 p3180 A67-35279
- SHANNON, J. L., JR.
Fracture mechanics - The search for safety in numbers. 22 p3913 A67-39982
Fracture mechanics. II. 23 p4079 A67-41413
- SHANNON, R. H.
Ejection capability versus the decision to eject. 22 p3754 A67-39596
- SHANNON, R. L.
Combined free and forced laminar convection in a horizontal tube with uniform heat flux. 20 p3548 A67-36734
[ASME PAPER 67-HT-52]
- SHANNON, R. R.
Computer model of image structure. 18 p3007 A67-34599
Two-dimensional image prediction and enhancement. 24 p4157 A67-42433
- SHANNY, R.
One-dimensional model of a Lorentz plasma. 18 p3092 A67-34748
- SHANSKII, V. F.
Mechanism of stabilization of a plasma by high frequency electromagnetic fields. 10 p1686 A67-23585
- SHANTYR, G. V.
Study of the hydrodynamic boundary layer on a disk in a transverse flow /Issledovanie gidrodinamicheskogo pogranichnogo sloia na poperechno obtekaemom diske/. 12 p1891 A67-25318
- SHAO, T.-S.
Numerical solution of plane viscous shock reflections. 16 p2662 A67-31534
- SHAPIRA, J.
Incorporation of protein and nucleic acid precursors into frog nervous tissue in vitro. 04 p0580 A67-14408
Development of a standard prolonged work test for the evaluation of fatigue and stress in man. 10 p1600 A67-23817
Differential effect of sodium azide on the incorporation of nucleic acid precursors into Chinese hamster cells in vitro. 21 p3575 A67-38798
- SHAPIRO, A.
Low cost technology. 01 p0076 A67-11256
Lunar radius from radar measurements. 19 p3319 A67-35263
- SHAPIRO, A. I.
Separation of niobium and tantalum oxides from zircon-pyrophor concentrate /Poluchenie okslei niobia i tantalata iz tsirkon-pirokhlorovogo kontsentrata/. 04 p0637 A67-14941
- SHAPIRO, B. S.
Parametric variations of N/h/ during the IGY and IQSY /Variatsii parametrov N/h/ v period MGG i MGSS/. 14 p2308 A67-27934
Underlying nighttime ionization in the ionosphere /O nizhelezhazhchel nochnoi ionizatsii v ionosfere/. 16 p2669 A67-31896
- SHAPIRO, D. N.
Contribution to the theory of an exponential detector /K teorii eksponentsial'nogo detektora/. 04 p0579 A67-14452
Theory of the exponential detector. 15 p2443 A67-29289
- SHAPIRO, H. S.
Some theorems on Chebyshev approximation. II. 10 p1674 A67-22966
- SHAPIRO, I. I.
Radar verification of the Doppler formula. 01 p0028 A67-10920
The earth's dust belt - Fact or fiction/ques/ I, II, III, IV. 04 p0615 A67-14967
Last of the West Ford dipoles. 04 p0618 A67-15941
Radar determinations of planetary motions. 05 p0900 A67-17082
Astronomical constants and planetary ephemerides deduced from radar and optical observations. 15 p2556 A67-29871
Radar determination of the rotations of Venus and Mercury. 15 p2556 A67-29872
Planetary radar astronomy. 18 p3123 A67-34145
Resonance rotation of Venus. 19 p3317 A67-34952
New method for the detection of light deflection by solar gravity. 20 p3485 A67-36995
- SHAPIRO, J. S.
Current dependent modes in pulsed avalanche diodes. 15 p2442 A67-29174
- SHAPIRO, N.
Noise and the SST. 03 p0360 A67-13920
Noise and the SST. 09 p1439 A67-21703
A realistic assessment of the airport/community noise problem. 24 p4096 A67-42990
[AIAA PAPER 67-867]
- SHAPIRO, S.
Microwave harmonic generation from Josephson junctions. 15 p2535 A67-29492
Josephson effect far infrared detector. 22 p3838 A67-40434
The A.C. Josephson effect in drop-form junctions. 24 p4200 A67-41864
- SHAPIRO, S. S.
Statistical Models in Engineering. 17 p2876 A67-32236
- SHAPIRO, V. D.
Quasilinear theory of plasma cyclotron instability. 03 p0475 A67-12933
Method for stabilizing two-stream instabilities. 06 p1040 A67-18097
Theoretical aspects of the passage of a charged-particle beam through a plasma /K teorii prokhozheniia puchka zaryazhennykh chastits cherez plazmu/. 16 p2716 A67-31176
Instability in strongly inhomogeneous

- beams /Neustoičivost' v sil'no neodnorodnykh puchkakh/. 16 p2716 A67-31178
- Quasi-linear theory of plasma cyclootron instability /Kvazilineinaja teorija tsiklotronnoi neustoičivosti plazmy/. 16 p2717 A67-31179
- Heating of plasma by a stochastic field /O nagrevez plazmy stokhasticheskim polem/. 16 p2718 A67-31192
- Drift instabilities of a plasma situated in a high-frequency electric field. 21 p3667 A67-38374
- Quasi-linear theory of instability of a plasma with an anisotropic ion-velocity distribution /K kvazilineinai teorii neustoičivosti plazmy s anizotropnym raspredeleniem ionov po skorostiam/. 21 p3669 A67-38680
- Nonlinear theory of Koerper resonance /K nelineinai teorii kerperovskogo rezonansa/. 21 p3669 A67-38681
- Nonlinear theory of the transmission of electromagnetic-wave pulses through a plasma boundary /K nelineinai teorii prokhozhdennia impul'sov elektromagnitnykh voln cherez granitsu plazmy/. 21 p3669 A67-38682
- SHAPIRO, W.**
- Mechanism and pattern of human cerebrovascular regulation after rapid changes in blood CO sub 2 tension. 11 p1746 A67-23989
- Human cerebrovascular response to combined hypoxia and hypercapnia. 23 p3945 A67-41080
- SHAPKIN, V. V.**
- Probing of the BaTiO sub 3 intracrystalline field by paramagnetic ions and the effect of particle size /Zondirovanie vnutrikristallicheskogo polia BaTiO sub 3 paramagnitnymi ionami i effekt razmera chastits/. 09 p1554 A67-21976
- Determination of the internal crystal field in BaTiO sub 3 using paramagnetic ions and the particle size effect. 17 p2923 A67-33313
- SHAPLAND, D. J.**
- A comparative design analysis of three configurational families for manned earth entry at hypersonic speeds. [AIAA PAPER 66-489] 15 p2564 A67-29422
- Synthesis of an evolutionary lunar exploration plan. [AIAA PAPER 67-865] 24 p4238 A67-42988
- SHAPOSHNIKOV, A. A.**
- Role of transverse grouping in a klystron with a broad electron flux /O roli poperechnoi gruppirovki v kllstrone s širokim elektronnym potokom/. 05 p0771 A67-16356
- SHAPOVAL, E. A.**
- Critical temperature of small superconductors. 08 p1372 A67-21502
- Critical fields of thin superconducting films. II. 10 p1694 A67-23596
- SHAPOVALOV, L. A.**
- Certain problems of stability of circular plates in an inhomogeneous stressed state /Nekotorye zadachi ustoičivosti kruglykh plastin pri neodnorodnom napriazhennom sostoianii/. 03 p0529 A67-14163
- SHAPTER, N. N.**
- Structural aspects of Federal Aviation Agency certification of a military logistic transport. 03 p0361 A67-14018
- SHARADZE, A. S.**
- Vertically moving disturbances and the structure of the ionosphere. 24 p4149 A67-42125
- SHARADZE, Z. S.**
- Vertically moving perturbations and the structure of the ionosphere /Vertikal'no peremeshchalushchiesia vozmushchennosti i struktura ionosfery/. 10 p1630 A67-22789
- Vertically moving perturbations in the nighttime ionosphere /Vertikal'no peremeshchalushchiesia vozmushchennosti v ionosfere v nochnoe vremia/. 10 p1631 A67-22805
- Vertically moving disturbances in the nighttime ionosphere. 24 p4150 A67-42142
- SHARAIJA, S. N.**
- Solution of boundary-layer equations on a static electrical integrator /Reshenie uravnenii pogranichnogo sloia na staticheskoi elektroiintegratore/. 17 p2821 A67-33080
- SHARAKHOVSKII, L. I.**
- Some results of an experimental study of the heat transfer in the discharge chamber of a plasmatron during the action of a magnetic field and a vortical gas flow on the arc /Nekotorye rezultaty eksperimental'nogo issledovaniia teploobmena v razriadnoi kamere plazmatrona pri vozdeistvii na dugu magnitnym polem i vikhrevym gazovym potokom/. 24 p4098 A67-42250
- SHARDANAND**
- Photon scattering cross sections at Lyman-alpha /1215.7 angstrom units/ for He and Ne. 20 p3489 A67-37431
- Experimental evidence for Xe sub 2 molecules. 20 p3491 A67-37688
- SHAREVSKII, B. A.**
- Role of the space charge and of the discharge mechanism in a gage with a cold cathode /Rol' obvemnogo zariadu ta mekhanizm rozriadu v manometri z kholodnim katodom/. 05 p0809 A67-17494
- SHARFSHEIN, A. KH.**
- Nonthermal radiation of sodium in a medium of carbon monoxide with impurities /Netermicheskoe izluchenie natriia v srede oksil ugleroda s primesiami/. 01 p0166 A67-10051
- SHARIKADZE, D. V.**
- Approximate solution of certain stationary boundary-layer problems, taking a magnetic field into account /O priblizhennom reshenii nekotorykh statsionarnykh zadach pogranichnogo sloia s uchedom magnitnogo polia/. 01 p0123 A67-10540
- SHARIKADZE, DZH. V.**
- Approximate solution of some nonstationary boundary-layer problems with allowance for a magnetic field /Priblizhennoe reshenie nekotorykh nestatsionarnykh zadach pogranichnogo sloia s uchedom magnitnogo polia/. 08 p1362 A67-21202
- SHARINOV, I. L.**
- Stress state of a cantilevered cylindrical shell with a concentrated normal force applied at the free end. 04 p0708 A67-14784
- Free oscillations of a cylindrical shell with concentrated mass /Svobodnye kolebania tsilindricheskoi obolochki s sosredotochennoi massoi/. 12 p2025 A67-25604
- The action of a concentrated load applied to the free edge of a cylindrical shell /Deistvie na tsilindricheskuiu obolochku sosredotochennoi nagruzki, prikozhennoi k svobodnomu kraju/. 21 p3718 A67-37982
- SHARIVKER, S. IU.**
- Forces binding plasma coatings to the base. 07 p1190 A67-19304
- SHARKOV, E. A.**
- Input admittance of a resonant modulator using a parametric diode /O vkhodnoi provodimosti rezonansnogo moduliatora na parametricheskom diode/. 02 p0221 A67-12425
- SHARKOVA, N. V.**
- Approximate solution of boundary-value problems for linear differential equations with deviating arguments by the fluctuating function method /Priblizhennoe reshenie metodom ostsiliruiushchikh funktsii kraevykh zadach dlia lineinykh differentsial'nykh uravnenii s otklonalushchimsia argumentom/. 16 p2696 A67-31013
- SHARKOVSKII, A. N.**
- Partially ordered system of attracting sets /Chastichno uporiadochennaja sistema pritiagivalushchikh mnozhestv/. 03 p0461 A67-14061
- SHARLAI, S. F.**
- Investigation of laser action in ruby and neodymium glass in the case of axicon pumping /Issledovanie generatsii v rubine i neodimovom stekle pri aksikonnoi nakachke/. 16 p2684 A67-30460
- SHARMA, A.**
- A spectroscopic study of the chemiluminescent reaction of germanium tetrahydride with atomic oxygen. 06 p0955 A67-17855
- Simultaneous approximation of a function and its derivatives. 08 p1347 A67-20368
- The chemiluminescent reactions of atomic oxygen with carbonyl sulfide and hydrogen sulfide. 14 p2260 A67-28781
- Reflectance and relative transmittance of laser-deposited iridium in the vacuum ultraviolet. 18 p3059 A67-33885
- SHARMA, H. S.**
- Flow of a compressible fluid through an elliptic pipe. 08 p1322 A67-21169
- SHARMA, J. K. N.**
- Heat conductivities below 1 deg K. I. 17 p2912 A67-32265
- SHARMA, K. D.**
- Numerical solution of linear differential equations and Volterra's integral equation using Lobatto quadrature formula. 14 p2342 A67-27977
- SHARMA, O. P.**
- Phase-change problems with variable surface temperatures. 10 p1733 A67-23119
- SHARMA, P. D.**
- Some asynchronous pulse-modulation systems. 17 p2812 A67-32318
- Pulse-interval modulation. 17 p2813 A67-32320
- SHARMA, P. V.**
- Digital computation of gravitational and magnetic anomalies and their derivatives for two-dimensional bodies of arbitrary shape. 06 p0988 A67-18736
- SHARMA, R.**
- General three-dimensional wave propagation in nonequilibrium magnetogasdynamics. 14 p2361 A67-28904
- Theory of thin air-folds in radiation gas dynamics. 17 p2791 A67-32556
- The determination of thermal diffusivities of thermal energy storage materials. I. [ASME PAPER 66-WA/ENER-5] 22 p3919 A67-40349
- SHARMA, S.**
- Nonlinear and second order thermal diffusion of electrons in ionized gases. 18 p3083 A67-34401
- Some transport coefficients in n-type degenerate semiconductors. 18 p3106 A67-34729
- SHARMA, S. K.**
- Hydro-magnetic heat transfer from a rotating disc. 18 p3084 A67-33667
- Electrical resistivity of indium-antimony alloy films prepared by vacuum evaporation. 19 p3305 A67-35609
- SHARMA, S. R.**
- Wave propagation in a plasma with anisotropic pressure. 24 p4197 A67-42260
- SHARMA, T. C.**
- Atmospheric water vapor and attenuation of the cosmic-ray nucleonic component. 03 p0505 A67-12958
- SHARONOVA, L. P.**
- Local and uniform plasticity, durability, and impact ductility of Kh18N10T steel during high and low temperatures /Lokal'naja i ravnomernaja plastichnost', prochnost' i udarnaia vlaknost' stali Kh18N10T pri vysokikh i nizkikh temperaturakh/. 17 p2873 A67-32767
- SHARP, E. D.**
- An exact calculation for a T-junction of rectangular waveguides having arbitrary cross sections. 11 p1767 A67-24732
- SHARP, G. R.**
- Finite transform solution of the symmetrically vibrating annular membrane. 08 p1415 A67-20476
- An investigation of the natural and forced lateral vibration of a free-free beam /missile/. [ASME PAPER 67-VIBR-54] 11 p1873 A67-24202
- Finite transform solution of the vibrating annular membrane. 20 p3539 A67-37006
- SHARP, G. W.**
- Ion temperatures measured around a dawn-dusk-auroral-zone satellite orbit. 08 p1329 A67-21482
- Direct evidence for corpuscular radiation effects on the ionosphere in the southern anomaly region. 12 p1996 A67-25776
- Molecular ion concentration around a dawn-dusk auroral-zone satellite orbit. 13 p2108 A67-26315
- Molecular and atomic ion concentration latitudinal variations. 19 p3220 A67-35262
- SHARP, L. E.**
- Enhanced interplanetary scintillations associated with solar flares. 07 p1243 A67-19667
- Interplanetary scintillations. II. 09 p1565 A67-22223
- SHARP, R.**
- A fluidic absolute measuring system. 08 p1330 A67-20439
- SHARP, R. D.**
- Satellite measurements of precipitating protons in the auroral zone. 07 p1245 A67-19930
- Austral and Boreal zone precipitation patterns for low-energy protons. 12 p1937 A67-25813
- Simultaneous measurements of an incident hydrogen flux and the resulting hydrogen

- Balmer alpha emission in an auroral hydrogen arc. 23 p3995 A67-40803
- SHARP, R. P.**
Planetary contamination. 10 p1601 A67-23579
- SHARP, T. E.**
Large transition probabilities in excitation collisions. 18 p3081 A67-33785
- SHARPE, C. B.**
Limitations of series-fed arrays in broadband communications. 04 p0570 A67-14874
The effects of dispersion in linear arrays. 11 p1762 A67-24289
- SHARPE, L. H.**
Some aspects of the permanence of adhesive joints. 09 p1578 A67-22522
- SHARUNENKO, N. M.**
Resistance of magnetic structure to the effect of orthogonal pulsed fields /Ustolchivost' magnitnoi struktury k deistviyu ortogonal'nykh impuls'nykh pol'. 12 p1980 A67-25238
- SHARVINA, K. N.**
Study of the proton component of the inner radiation belt in the Brazilian anomaly with the aid of the satellites Proton 1 and 2 /Issledovanie protonnoi komponenty vnutrennego radiatsionnogo polosa v Brazili'skol anomalii na ISZ Proton-1 i Proton-2/. 05 p0878 A67-16089
Discovery and investigation of the Brazil anomaly by spaceships and the Cosmos series of satellites. 12 p1996 A67-25773
Investigation of the proton component of the inner radiation belt in the Brazilian anomaly by means of Proton I and Proton II. 24 p4212 A67-42765
- SHARYKIN, N. K.**
T-shaped radio telescope with a range from 10 to 25 mc with electric beam control /T-obraznyy radioteleskop diapazona 10 - 25 MGTs s elektricheskim upravleniem luchom/. 16 p2640 A67-31496
- SHASHENKOVA, I. I.**
Effect of small boron, beryllium, and lanthanum additions on the properties of titanium alloy welds /Vliianie malyykh dobavok bora, berillia i lantana na svoystva svarynykh soedinenii titanovykh splavov/. 07 p1207 A67-19291
- SHASHKOV, A. G.**
High-temperature materials of advanced technology and methods for studying their thermophysical properties at temperatures up to 3500 deg C /Vysokotemperaturnye materialy novoy tekhniki i metody issledovaniya ikh teplofizicheskikh svoystv pri temperaturakh do 3500 deg C/. 12 p1939 A67-25321
- SHASHKOV, I. E.**
Aeroelastic vibration of an aircraft in a supersonic aerodynamic flow. 04 p0708 A67-14789
Elastic vibrations of a cylindrical shell filled with liquid. 13 p2219 A67-26903
- SHASHKOV, V. S.**
Simulation of the biological effect of a depth dose of monoenergetic proton flux. 07 p1133 A67-19114
The use of radioprotective drugs in space-flight conditions. 12 p1902 A67-25654
- SHASHUNKINA, V. M.**
Ionospheric effects of the sudden commencement of the magnetic storm of July 15, 1959. 07 p1174 A67-19705
- SHASHURIN, I. P.**
Perturbation of a beam-generated plasma by self-generated waves. 09 p1545 A67-21997
Spatial development of plasma-beam instability. 23 p4032 A67-40904
- SHASKOLSKAIA, M. P.**
Stabilization of silver chloride crystals against solar radiation. 04 p0685 A67-15752
- SHATALOV, V. I.**
Calculation of shallow spherical shells /O raschete pologikh sfericheskikh obolochek/. 24 p4249 A67-42104
- SHATASHVILI, L. KH.**
27-day variations of cosmic ray anisotropy according to neutron component observations at mountain stations of the world network. 02 p0312 A67-12600
Planetary distribution and possible interpretation of sudden increases in cosmic ray intensity detected by the world network, but not associated with visible formations on the sun. 02 p0312 A67-12602
Sudden changes in cosmic-ray intensity /Vnezapnye izmeneniya intensivnosti kosmicheskikh luchei/. 05 p0881 A67-16118
- 27-day cosmic-ray variations in relation to solar and geomagnetic activities /27-dnevnye variatsii kosmicheskikh luchei v svyazi s solnechnoi i geomagnitnoi aktivnost'yu/. 05 p0881 A67-16122
Quasi-spiral nature of the change in the 27-day cosmic-ray variation with solar activity /Kvazispiral'nyi kharakter izmeneniya 27-dnevnoy variatsii kosmicheskikh luchei s solnechnoi aktivnost'yu/. 05 p0884 A67-17137
Mathematical expectancy of the distribution of harmonic coefficients when they are determined from 12 ordinates, and comparison with experiment. 13 p2191 A67-26565
Relation between the frequency distribution of sudden changes in cosmic-ray intensity and the solar-diurnal variation /Raspredelenie chastoty vnezapnykh izmenenii intensivnosti kosmicheskikh luchei i solnechnosutochnaya variatsiya/. 17 p2932 A67-32082
Tendency toward a 27-day cycle of phenomena of the electromagnetic complex for the period with the most pronounced effect of the rotation of the sun in cosmic rays /O tendentsii 27-dnevnoy povtoriaemosti iavlenii elektromagnitnogo kompleksa dlia perioda s nabolee vyrazhennym efektom vrashcheniya solntsa v kosmicheskikh luchakh/. 17 p2932 A67-32084
27-day cosmic-ray variations and the radius of the effective volume of the asymmetrical solar wind from magnetic discontinuities /27-Dnevnye variatsii kosmicheskikh luchei i radius effektivnogo ob'ema asimmetrichnogo solnechnogo vetra magnitnykh neodnorodnostei/. 17 p2932 A67-32085
Quasi-spiral character of the change of the 27-day cosmic-ray variation with solar activity. 21 p3698 A67-38480
Solar diurnal variations and sudden changes in cosmic-ray intensity /Solnechnosutochnye variatsii i vnezapnye izmeneniya intensivnosti kosmicheskikh luchei/. 23 p4058 A67-41123
Sudden changes in cosmic ray intensity. 24 p4214 A67-42794
27-day cosmic ray variations in relation to solar and geomagnetic activities. 24 p4214 A67-42798
- SHATBERASHVILI, O. B.**
Giant pulse structure in a laser with instantaneous Q-switching. 10 p1686 A67-23584
- SHATILOV, A. P.**
Investigation of a stabilized annular discharge in argon /Issledovanie stabilizirovannogo kol'tsevoogo razriada v argone/. 09 p1547 A67-22319
Investigation of the electrodeless ring discharge in argon and air /Issledovanie bezelektrodnogo kol'tsevoogo razriada v argone i v vozdukhe/. 17 p2897 A67-32174
- SHATKHIN, KH. Z.**
Stability of reflections from the sporadic E-layer and solar activity. 07 p1174 A67-19704
- SHATS, S. IA.**
Effect of initial saturation in alloy-type transistors at high injection levels /Effekt nachalnogo насыshcheniya v splavnykh tranzistorakh pri vysokikh urovniakh in'ektsii/. 02 p0215 A67-11977
Distribution of excess carriers in the base of p-n junction transistors at high levels of injection /Raspredelenie izbytochnykh nositelei v baze splavnykh tranzistorov pri vysokikh urovniakh in'ektsii/. 03 p0378 A67-13244
- SHATTUCK, R. D.**
Electric propulsion for satellite position and attitude control. [AIAA PAPER 67-722] 21 p3697 A67-38961
- SHAUNFIELD, W. N., JR.**
A model of the avalanche photodiode. 15 p2452 A67-30014
- SHAVELSON, R. J.**
A lunar environment simulation test bed. 17 p2832 A67-32003
Sensory discrimination and attitudes toward water reclaimed from urine. 22 p3751 A67-39597
- SHAYER, R. D.**
The two-stage sounding rocket problem. 22 p3904 A67-40089
- SHAYER, R. G.**
Whisker composite technology. 03 p0453 A67-13410
Whisker-strengthened plastics. [ASME PAPER 67-DE-9] 14 p2340 A67-28868
- SHAVIV, G.**
A model of the sunspot umbra. 23 p4067 A67-41230
- SHAVRIN, P. I.**
Investigation of low-energy charged particles by Cosmos 12, Cosmos 15 and Electron 2. 02 p0310 A67-12571
Investigation of the outer radiation belt at low altitudes. 02 p0311 A67-12598
Variations in the intensity of outer radiation belt protons and electrons. 07 p1243 A67-19828
Discovery and investigation of the Brazil anomaly by spaceships and the Cosmos series of satellites. 12 p1996 A67-25773
Measurements of low-energy protons from Cosmos-41 satellite. 12 p1997 A67-25810
Proton and electron intensity in the outer radiation belt during the period 1961-1964. 13 p2191 A67-26544
Observation of a diffusion wave of relativistic electrons in the outer radiation belt. 13 p2191 A67-26545
- SHAW, A. M.**
Lysosomal enzymes in rats exposed to 100 percent oxygen. 18 p2992 A67-34719
Effects of a deficiency of vitamins A and E on rats exposed to 100 percent oxygen. 23 p3952 A67-41568
Ultrastructural changes in rat kidney under 100 percent oxygen - Effects of vitamin E depletion. 23 p3958 A67-41654
- SHAW, B.**
A generalisation of multistep methods for ordinary differential equations. 08 p1348 A67-21191
- SHAW, B. J.**
Twinning and the low temperature mechanical properties of polycrystalline niobium and molybdenum. 22 p3823 A67-40208
- SHAW, D. B.**
Energy-preserving integrations of the primitive equations on the sphere. 19 p3252 A67-35058
- SHAW, D. T.-K.**
Approximate solution of the diffusion equation of the positive column. 16 p2720 A67-31241
- SHAW, D. W.**
Gallium arsenide epitaxial technology. 10 p1692 A67-23511
- SHAW, E. K.**
A two-dimensional discharge theory. 19 p3277 A67-35126
- SHAW, G. G.**
Microstructures at the tips of growing fatigue cracks in aluminum alloys. 24 p4170 A67-41947
- SHAW, H. J.**
Continuous deflection of laser beams. 09 p1510 A67-21574
Pulse compression by Bragg diffraction of light with microwave sound. 24 p4188 A67-42369
- SHAW, J. F.**
Examination of the validity of the Saha equation in a gas discharge. 16 p2710 A67-30518
- SHAW, J. H.**
Balloon observations of the radiance of the earth between 2100 cm super minus super 1 and 2700 cm super minus super 1. [JPL-TR-32-1080] 07 p1171 A67-19394
- SHAW, L.**
Invariant estimation of stochastic system parameters. 15 p2462 A67-30325
- SHAW, M. L.**
A measurement of the solar X-ray flux in the wavelength range below 5 angstrom units. 16 p2739 A67-31411
- SHAW, M. P.**
Current instability above the Gunn threshold. 03 p0496 A67-13669
- SHAW, N.**
Hall effect and extrinsic photoconductivity in n-type InSb. 03 p0487 A67-12808
Heterodyne detection of sub-millimetre radiation. 12 p1951 A67-25209
- SHAW, P. B.**
Particle-induced electromagnetic de-excitation of nuclei in stellar matter. 21 p3660 A67-38846
- SHAW, R. R.**
Technological progress and the airlines. 22 p3922 A67-40062
- SHAW, R. W.**
Annealing of dislocation pinning centers in the temperature range 120 deg to 180 deg K in alkali halide crystals. 02 p0298 A67-11888
Resistance in the mixed state of type-II superconductors. 09 p1556 A67-22135

- Amplitude-independent ultrasonic
attenuation in superconducting
lead. 19 p3304 A67-35536
- SHAW, R. W., JR.
Design and testing of dissimilar metal
transition joints employing roll-bonded and
friction-welded
components. 13 p2124 A67-27685
- SHAW, T. E.
Effects of uncertainties in thermophysical
properties on ablation efficiency.
[AIAA PAPER 65-639] 03 p0534 A67-13059
Thermodynamic system design of the
biosatellite. 16 p2757 A67-30632
The hypervelocity heat protection
problem. 16 p2778 A67-30722
- SHAWHAN, S. D.
Negative ion detection in the ionosphere
from effects on ELF
waves. 04 p0614 A67-14957
Hook whistler - A new equatorial whistler
observed by Injun 3. 05 p0799 A67-16888
- SHAWL, S. J.
Water vapor on Venus - A
confirmation. 02 p0324 A67-11774
- SHAY, J. L.
Photoemission study of the electronic
structure of CdTe. 12 p1983 A67-25478
[AFRL-67-0405] Photoemission studies of
CdTe. 22 p3862 A67-40001
- SHAY, J. R.
Agricultural sensing from orbiting
satellites. 22 p3806 A67-40367
- SHAYESON, M. W.
Reduction of jet engine exhaust smoke
with fuel additives.
[SAE PAPER 670866] 24 p4206 A67-42006
- SHAZIATOV, SH.
Variable-mass mechanical systems with
friction /O mekhanicheskikh sistemakh
peremennoi massy s
treniem/. 13 p2159 A67-27709
- SHCHAVELIN, V. M.
Apparatus for measuring hot hardness by
static methods. 19 p3227 A67-34930
- SHCHEGLOV, V. A.
Concerning the theory of optically coupled
GaAs p-n junction lasers. 05 p0814 A67-16390
Thermal methods for laser
excitation. 21 p3638 A67-37942
- SHCHEGLOV, V. I.
Theory of time-dependent disturbances of
the gravitational and magnetic field related
to current tectonic and physical processes in
the earth's interior /K teorii vremennykh
vozmushchenii gravitatsionno i magnitnogo
pole v svyazi s sovremennymi
tektonofizicheskimi protsessami v
zemle/. 05 p0799 A67-17027
- SHCHEGLOVA, G. V.
Imparting antimicrobial properties to
various materials. 19 p3179 A67-35229
- SHCHEKATOLINA, S. A.
Second virial coefficient for interactions
of atoms having unfilled electron shells
/Vtoroi virl'nyi koefitsient dlia
vzaimodeistvii atomov s nezapolnennymi
elektronnymi
obolochkami/. 07 p1225 A67-19122
- SHCHEKINA, M. T.
Effect of small additions of refractory
elements on the structure and properties of
sheets of aluminum alloy containing 5
percent Zn and 2 percent Mg /Vlianie
mal'nykh dobavok tugoplavkikh elementov na
strukturu i svoystva listov iz aluminievogo
splava, soderzhashchego 5 percent Zn i 2
percent Mg/. 07 p1201 A67-19254
- SHCHEKOKHIKHINA, V. V.
Specific heat of nitrogen near the critical
point. 03 p0532 A67-19299
- SHCHELEV, M. IA.
A regulated power supply for image
converters with output-voltage
control. 06 p1004 A67-18393
Shape of wave front and spatial emission
coherence in a ruby laser giant
pulse. 18 p3058 A67-33526
- SHCHELKANOVTSSEV, N. M.
Problem of optimal control of a linear
plant with limited control actions /Ob odnoi
zadache optimal'nogo upravleniya lineinym
ob'ektom s ogranichennymi upravlyushchimi
vozdeistviyami/. 01 p0044 A67-10491
An optimal control problem for a linear
plant with bounded
controls. 10 p1821 A67-23613
- SHCHELKIN, K. I.
Gasdynamics of
combustion. 02 p0343 A67-12679
- Theory of acoustic vibrations during solid-
fuel combustion /K teorii akusticheskikh
vibratsii pri goreni tverdogo
topliva/. 20 p3551 A67-36817
- SHCHELKUNOV, K. N.
Input impedance of laser resonator /O
vkhodnom soprotivlenii rezonatora
kvantovogo usilitelia/. 05 p0780 A67-17474
- SHCHEPETNOV, R. V.
Regularities in the behaviour of
micropulsations during the solar
cycle. 19 p3325 A67-35486
- SHCHEPKIN, G. IA.
Distribution of the magnetic field in a
plasma coaxial injector /Raspreделение
magnitnogo polia v koaksial'nom inzhektore
plazmy/. 11 p1841 A67-24854
Magnetic field distribution in a coaxial
plasma injector. 20 p3502 A67-37537
- SHCHEPKIN, L. A.
The F sub 1-layer during a period of
decreasing solar activity. 07 p1173 A67-19688
- SHCHEPKINA, V. M.
Effect of hypersonic velocity on errors of
the vertical channel of an inertial system
/Vlianie giperzvukovoi skorosti na oshibki
vertikal'nogo kanala inertsial'noi
sistemy/. 01 p0110 A67-10420
- SHCHERBA, I. A.
Interaction between the troposphere and
the stratosphere in middle latitudes /K
voprosu o vzaimodeistvii troposfery i
stratosfery srednikh
shiroi/. 13 p2112 A67-26674
- SHCHERBAK, V. V.
Discontinuities in rectangular waveguides -
Double strip obstacles. 05 p0775 A67-16956
- SHCHERBAKOV, B. P.
Diversity reception during discontinuous
radio communication /O raznesennom prieme
pri preryvnoi radiosv'язi/. 18 p3001 A67-34181
- SHCHERBAKOV, IU. F.
Theory of errors of counter frequency
meters /K teorii oshibok schetchikovykh
chastotomerov/. 01 p0063 A67-10415
- SHCHERBAKOV, V. T.
Optimum MHD generator /Ob optimal'nykh
MGD-generatorakh/. 06 p0951 A67-18674
- SHCHERBAKOVA, L. V.
Structure of the wind field in a thermally
stratified atmosphere /O strukture polia
skorosti vetra v termicheski
stratifikirovannoi
atmosfera/. 05 p0837 A67-16485
On the structure of the wind velocity
field in a thermally stratified
atmosphere. 13 p2150 A67-26341
- SHCHERBAKOVA, M. N.
Angular and energy characteristics of
nuclear interactions at 23 and 150 to 500 Bev
/Energeticheskie i uglovy kharakteristiki
ladernykh vzaimodeistvii pri energiyakh 23 i
150-500 Bev/. 02 p0271 A67-12753
Energy and angular characteristics of
nuclear interactions at energies of 23 and
150 to 500 Bev. 22 p3842 A67-40255
- SHCHERBEDINSKII, G. V.
Diffusion of potassium in single crystals
and polycrystalline aggregates of
molybdenum. 15 p2504 A67-29972
- SHCHERBINA, D. M.
Measurement of the spectral coefficients
of the blackness of materials with low
thermal conductivity /Ob izmerenii
spektral'nykh koefitsientov chernoty
materialov v nizkoi
teploprovodnosti/. 18 p3048 A67-34056
- SHCHERBINA, O. D.
Method and apparatus for the rapid
determination of the thermal diffusivity of
refractory materials over a wide
temperature range. 10 p1621 A67-22828
- SHCHERBININ, E. V.
Development of magnetohydrodynamic
boundary layer on an accelerated body
/Razvitiye magnitogidrodinamicheskogo
pogranichnogo sloia na uskorenno
dvizhushchemsya tele/. 01 p0121 A67-10190
Magnetohydrodynamic jet flow in a
bounded space /Magnitogidrodinamicheskoe
struinoe techenie v ogranichennom
prostranstve/. 04 p0669 A67-15518
Turbulent flow in a plane perpendicular to
a magnetic field /Turbulentnoe techenie v
ploskosti, perpendikularnoi magnitnomu
polu/. 06 p1044 A67-18678
Comments on the theory of conducting
fluid jets /Nekotorye zamechania k teorii
strui provodiashchey
zhidkosti/. 13 p2169 A67-27317
Two-dimensional magnetohydrodynamic
jets. 16 p2722 A67-31570
- Integral methods in the theory of
magnetohydrodynamic
jets. 16 p2722 A67-31571
- Turbulent MHD jet flows in a bounded
space /Struinye turbulentnye MGD-techeniya
v ogranichennom
prostranstve/. 17 p2901 A67-32565
- SHCHITOV, I. N.
Motion of a heavy gyroscope in a cardan
suspension /O dvizhenii tlazhelego giroskopa
v kardanovom podvese/. 15 p2490 A67-30174
- SHCHUKIN, A. I.
Amplification stability of a multistage
transistorized amplifier /Stabil'nost' usileniya
mnogostadiy'nogo usilitelia na
tranzistorakh/. 05 p0772 A67-16454
- SHCHUKIN, V. K.
The thick wall method of investigating
heat transfer in cross flow over a
tube. 04 p0726 A67-15598
Effect of the magnitude and direction of a
heat flux on the stability of fluid motion in
curvilinear channels /Vlianie velichiny i
napravleniya teplovogo potoka na
ustoiichivost' dvizheniya zhidkosti v
krivolineynykh kanalakh/. 04 p0610 A67-15900
Convective heat transfer in curvilinear
short channels /Konvektivnyy teploobmen v
korotkikh krivolineynykh
kanalakh/. 12 p2033 A67-25316
Generalization of test data for heat
transfer in tubes with band-type swirl
generators /Obobshchenie opytnykh dannykh
po teplootdache v trubakh s lentochnymi
zavikhrivleniyami/. 20 p3544 A67-36449
Use of digital computers in the gradient
method of studying heat transfer
/Primenenie elektronnykh vychislitel'nykh
masin pri gradientnom metode issledovaniya
teplootdachi/. 20 p3544 A67-36450
Hydraulic resistance of rotating tubes
/Gidravlichesкое soprotivleniye
vrashchalushchikhsia
trub/. 20 p3421 A67-36793
Fully developed turbulent flow with
macrovortices in an annular channel with an
internal revolving cylinder /Razvitiye
turbulentnoe techenie makrovikhrlami v
kol'tsevom kanale s vnutrennim
vrashchalushchikhsia
tsilindrom/. 20 p3359 A67-37343
Heat transfer in an annular channel
between shafts rotating in opposite
directions /Teploobmen v kol'tsevom kanale
mezhdu valami, vrashchalushchikhsia v
protivopolozhnykh
napravleniyakh/. 22 p3921 A67-40457
- SHCHUKINA, I. K.
Thermal and elastic properties of a
number of ternary diamond-like
semiconductor compounds /Teplovyie i
uprugie svoystva riada troinykh
almazopodobnykh poluprovodnikovyykh
soedinenii/. 18 p3096 A67-33452
- SHCHUKINA, T. B.
Kinetics of the ionization-recombination
processes in the F2 layer of the ionosphere
/O kinetike ionizatsionno-
rekombinatsionnykh protsessov v sloe F2
ionosfery/. 02 p0236 A67-11859
Kinetics of ionization-recombination
processes in the F sub 2-layer of the
ionosphere. 16 p2865 A67-31074
- SHCHUTSKOI, K. A.
Analysis of a tuned amplifier with a
nonunidirectional active network as the
amplifying element. 04 p0586 A67-15670
- SHE, C. Y.
Analysis of the stimulated Raman effects
in an anisotropic crystal
KDP. 11 p1800 A67-24243
- SHEA, J. J.
Collisionless plasma flow around a
conducting sphere in a magnetic
field. 14 p2357 A67-28206
- SHEA, M. A.
Experimental evaluation of various rigidity
models.
[AFRL-67-0099] 04 p0693 A67-14961
Vertical cutoff rigidities in the South
Atlantic.
[AFRL-67-0082] 12 p1996 A67-25774
Worldwide trajectory-derived vertical
cutoff rigidities and their application to
experimental
measurements. 13 p2191 A67-26325
Cosmic ray cutoff rigidity calculations and
their application to experimental
measurements. 13 p2192 A67-27244
An experimental evaluation of various

- rigidity models. 13 p2192 A67-27245
A study of the effectiveness of the
McIlwain coordinates in estimating cosmic-
ray vertical cutoff
rigidities. 17 p2936 A67-32537
- SHEA, M. F.
Satellite measurements of precipitating
protons in the auroral
zone. 07 p1245 A67-19930
Channel multiplier instrumentation for the
measurement of low-energy auroral
particles. 12 p1944 A67-25855
- SHEA, M. M.
Creep of intrinsic and gallium-doped
germanium. 04 p0877 A67-15121
- SHEAFFER, Y. S.
Spectral radiative transfer approximations
for multicomponent gas
mixtures. 21 p3730 A67-37825
- SHEAHAN, D. F.
Integratable gyrator using M.O.S. and
bipolar transistors. 01 p0041 A67-11329
Bandpass-filter realisation using
gyrators. 07 p1154 A67-19615
- SHEAHEN, T. P.
Superconducting transition and critical
field of pure gallium single
crystals. 01 p0130 A67-10153
- SHEARIN, P. E.
Comparison of electron-radiation damage
thresholds of silver at liquid-helium and
liquid-nitrogen
temperatures. 04 p0638 A67-15115
- SHEARMAN, P. M.
Advances in monolithic integrated
circuits. 12 p1916 A67-25995
- SHECHET, M. L.
Optical subcarrier
communications. 20 p3378 A67-36183
- SHECHTEL, H. J.
An outline of the history and development
of the Terrier, Tartar and Talos missile test
equipments. 20 p3416 A67-36971
- SHEDLER, G. S.
Parallel numerical methods for the
solution of equations. 13 p2148 A67-27487
- SHEDLOVSKY, J. P.
Cosmogenic radioactivities in the Peace
River and Harleton
chondrites. 24 p4238 A67-42884
- SHEEHAN, J. L.
Aerial mapping planetary
bodies. 11 p1859 A67-24438
- SHEEHAN, P. J.
Recent results of ablation
studies. 11 p1811 A67-24054
- SHEELEY, N. R., JR.
The average profile of the solar K-line
during the sunspot cycle. 11 p1861 A67-24493
Observations of small-scale solar magnetic
fields. 12 p2001 A67-25219
- SHEER, R. E., JR.
Combined effects of roughness, bluntness,
and angle of attack on hypersonic boundary
layer transition, M sub 1 approximately 8.5-
10.5. 04 p0549 A67-15823
Hypersonic laminar boundary-layer
transition on 8-foot-long, 10 deg cone, M sub
1 equals 9.1-16. [AIAA PAPER 66-494] 15 p2418 A67-30191
- SHEERAN, W. J.
Transversely impinging, two-dimensional
jet flows. 14 p2303 A67-28325
- SHEETS, D. A.
Pneumatic power for satellite
control. 17 p2801 A67-31983
- SHEETS, H. E.
Air cushion craft propulsion.
[AIAA PAPER 66-731A] 13 p2054 A67-27593
- SHEFER, N. I.
Coloring and breakdown of barium titanate
/Okrashivanie i probol
titanata
baria/. 22 p3861 A67-39918
- SHEFFIELD, C.
Gravitational field
signatures. 06 p1092 A67-19008
Orbit computation for motion in a non-
central force field.
[AAS PAPER 66-109] 07 p1253 A67-19969
- SHEFFIELD, J.
Experimental observations of collisionless
shock waves in a magnetized
plasma. 19 p3294 A67-35408
- SHEFOV, N. N.
Some properties of hydroxyl emission
/Nekotorye svoystva gidroksil'nogo
izlucheniya/. 17 p2849 A67-32956
Statistical properties of helium emission
/Statisticheskie svoystva gellevoi
emissii/. 17 p2849 A67-32960
Hydrogen and hydroxyl emissions in the
nightglow. 19 p3223 A67-35483
- SHEFSIEK, P. K.
Thermal measurements of a thermionic-
converter/ heat-pipe
system. 09 p1448 A67-22342
- SHEFTAL, N. N.
Effects of doping on the growth rate and
morphology of epitaxial gallium
arsenide. 06 p1047 A67-17552
- SHEFTER, G. M.
Equations of short waves in a viscous
heat-conducting gas /Ob uravneniakh
korotkikh voln v viazkom
teplotoprovodiaschem
gaze/. 14 p2295 A67-27838
- SHEIN, A. G.
Dispersion equations for ring systems
using rectangular iris
waveguides. 02 p0214 A67-11903
- SHEIN, N. P.
Error probability for transmission of m-ary
orthogonal signals over a partially coherent
channel. 12 p1908 A67-26091
- SHEINBLATT, M.
Kinetic theory of diffusion in rarefied
gases. 02 p0234 A67-12544
On diffusion theory in a gravitational
field. 13 p2099 A67-28952
- SHEINDLIN, A. E.
Experimental study of the electrical
conductivity of an argon plasma with an
ionizing additive /Eksperimental'noe
issledovanie elektropovodnosti plazmy argona
s ioniziruiushchiesia
dobavko/. 16 p2710 A67-30523
Low-Temperature Plasma, International
Congress on Theoretical and Applied
Chemistry, 20th, International Symposium on
Properties and Applications of Low-
Temperature Plasma, Moscow, USSR, July
15-17, 1965, Transactions
/Nizkoterperaturnaia Plazma,
Mezhdunarodnyi Kongress po Teoreticheskoi
i Prikladnoi Khimii, 20th, Mezhdunarodnyi
Simpozium po Svoistvam i Primeneniiu
Nizkoterperaturnoi Plazmy, Moscow, USSR,
July 15-17, 1965, Trudy/. 17 p2890 A67-32134
- SHEININ, O. B.
Selection and weighting of direct
measurements /K otboru i uravnivaniu
neposredstvennykh
izmerenii/. 01 p0068 A67-10854
On selection and adjustment of direct
measurements. 14 p2317 A67-28243
- SHEINKMAN, M. K.
Effect of gamma and fast-neutron
radiation on the electrical properties of
cadmium sulfide single
crystals. 01 p0128 A67-10086
Two parallel trapping mechanisms at a
single recombination
center. 01 p0138 A67-11298
Recombination processes in ZnTe-Al single
crystals /Rekombinatsiini protsesy v
monokristallakh ZnTe-Al/. 02 p0300 A67-12478
Determination of the electron-hole pair
separation energy in CdS single crystals
during irradiation by 5-to 50-kev electrons
/Opredelenie energii razdeleniya pary
elektron-dyrka v monokristallakh CdS pri
obluchenii elektronami s energiei 5 - 50
kev/. 03 p0490 A67-13160
Auger mechanism of electron emission
from semiconductors and dielectrics /Ozhe-
mekhanizm elektronnoi emissii iz
poluprovodnikov i
dielektrikov/. 06 p1051 A67-18422
Determination of the energy of separation
of an electron-hole pair in CdS single
crystals during irradiation by 5-50 kev
electrons. 10 p1690 A67-23107
Electron-beam detectors employing CdS
single crystals /Detektory elektronnykh
puchkov na osnove monokristallov
CdS/. 22 p3798 A67-39568
- SHEKA, D. I.
Local states in semiconductors with a
narrow forbidden band /Lokal'nye sostoiianiia
v poluprovodnikakh s uzkoj zapreshchennoi
zonoi/. 05 p0863 A67-16694
Local states in a semiconductor with a
narrow forbidden band. 15 p2539 A67-29865
Determination of the current-voltage
characteristic of a semiconductor diode with
a small-area contact /O nakhozhdenii vol't-
ampernoii kharakteristiki poluprovodnikovogo
dioda s maloi ploshchad'iu
kontakta/. 22 p3769 A67-39571
- SHEKA, E. F.
Luminescence during intensive excitation
/Liuminestsentsiia pri intensivnom
vozbuzhdenii/. 03 p0436 A67-13136
- SHEKA, V. I.
Local states in semiconductors with a
narrow forbidden band /Lokal'nye sostoiianiia
v poluprovodnikakh s uzkoj zapreshchennoi
zonoi/. 05 p0863 A67-16694
Local states in a semiconductor with a
narrow forbidden band. 15 p2539 A67-29865
- SHEKHOVTSOV, N. A.
Transient response in the case of forward
and backward switching of n-n super plus
/n-m/ junctions /Perekhodnye protsessy pri
priamom i obratnom vkluchении n-n super
plus /n-m/ perekhodov/. 22 p3858 A67-39574
Measurement of the recombination rate at
antibarrier contacts of the n-n super plus
/n-m/ type /Izmerenie skorosti rekombinatsii
na antizapornykh kontaktakh tipa n-n super
plus /n-m//. 22 p3858 A67-39575
- SHEKHTER, B. I.
Parameters of the front of a
supercompressed detonation wave /K
voprosu o parametrah fronta pereshzatoi
detonatsionnoi volny/. 12 p1930 A67-26116
- SHEKHTER, E. I.
Experimental study of an electromagnetic
liquid-metal metering device with a constant
inlet pressure /Eksperimental'noe
issledovanie elektromagnitnogo dozatora
zhidkogo metalla s postolannym davleniem
na vkhode/. 06 p0951 A67-18684
- SHEKHTMAN, I. U. M.
Heat conduction during destruction of a
material with allowance for the effect of the
escaping gas. 13 p2222 A67-26884
- SHEKHTMAN, I. U. V.
Use of matrix integral equations to
calculate critical loads and natural
frequencies of oscillation of shells of
revolution /Raschet kriticheskikh nagruzok i
chastot sobstvennykh kolebaniu obolochek
vrashcheniia s pomoshch'iu matritsnykh
integral'nykh uravnenii/. 12 p2022 A67-25585
Stability of reinforced thin cylindrical
shells /Ustoichivost' tonkikh podkreplennykh
tsilindricheskikh
obolochek/. 19 p3338 A67-34874
- SHEKLEIN, A. V.
Micro-optical structure of selective
semiconductor films on glass substrates
/Mikroopticheskaiia struktura selektivnykh
poluprovodnikovnykh plenok na
stekle/. 12 p1982 A67-25324
Accelerated method for spectral
calculation of optical parameters of solar
radiation /Uskorennyi metod spektral'nogo
rascheta opticheskikh parametrov
otnositel'no solnechnogo
izlucheniia/. 13 p2211 A67-27625
Convenient graphical representation of the
results of spectral investigations of the
optical characteristics of materials used in
solar-energy applications /Ob udobnom
graficheskoi predstavlenii rezul'tatov
spektral'nykh issledovaniu opticheskikh
kharakteristik gellekhnicheskikh
materialov/. 18 p2990 A67-34492
- SHELDON, C. S., II
Meanwhile, back on earth - The
technological, economic, and social benefits
of voyage to the planets. 12 p2040 A67-25234
The overall economic
outlook. 13 p2231 A67-27511
- SHELDON, W. R.
Effects of protons and alpha particles on
thermal properties of spacecraft and solar
concentrator coatings.
[AIAA PAPER 65-649] 03 p0448 A67-13054
- SHELDRIK, J. H.
Inertial navigation systems for subsonic
and supersonic commercial aircraft.
[SAE PAPER 670329] 12 p1964 A67-25871
- SHELEMENTEVA, E. A.
Heat resistance of dispersionally hardened
nickel. 14 p2336 A67-27867
- SHELEPIN, L. A.
Cooling free plasma electrons /Ob
okhlazhdenii svobodnykh elektronov
plazmy/. 01 p0122 A67-10346
Rapidly recombining plasma jets
/Uskorenno rekombiniiruiushchaya
plazmennaya struia/. 03 p0486 A67-14195
Stimulated emission during decay of an
infinitely ionized plasma /Ob usilenii
izlucheniia pri raspade predel'no
ionizovannoi plazmy/. 05 p0855 A67-16998
Cooling of free electrons in a
plasma. 11 p1843 A67-25019
Rapid recombination of plasma
jets. 14 p2360 A67-28540
Hydrogen level population in impulsively

- recombining plasma /Naselelnosti urovnei vodoroda v impul'sno rekombinirulushchel plazme/. 15 p2529 A67-29713
Application of highly ionized plasma to laser construction. 16 p2686 A67-31576
Vibrational level inversion population of polyatomic molecules, CO sub 2 laser. 20 p3457 A67-36216
- SHELEPIN, L. I.**
Amplification in a decaying plasma. 16 p2723 A67-31577
- SHELEST, A. E.**
Special features of gas saturation of certain titanium alloys /Osobennosti gazonasyschenia nekotorykh titanovykh splavov/. 07 p1205 A67-19277
High-temperature thermomechanical treatment of the beta-alloy of the Ti-Mo-Cr-Fe-Al system. 15 p2504 A67-29971
- SHELIAG, V. R.**
Calculation of the temperature fields for laminar flows of gases in plane slot-shaped channels /Raschet temperaturnykh polov v ploskikh shechevnykh kanalakh pri laminarnom techenii gaza/. 12 p2033 A67-25319
- SHELLENBARGER, J. C.**
Estimation of covariance parameters for an adaptive Kalman filter. 02 p0227 A67-12157
- SHELLEY, B. F.**
Maintenance manhour distributions - A case study. 01 p0171 A67-11382
Reliability optimization in the conceptual phase. 09 p1582 A67-22293
- SHELTON, C. L.**
Government patent policy. 12 p2040 A67-25487
- SHELTON, H.**
Mercury discharge devices and technology. [AIAA PAPER 67-669] 21 p3691 A67-38703
- SHELTON, J. L.**
Total hemispherical thermal emittance of nickel as a function of oxide thickness in the temperature range 400 deg-900 deg C. [AIAA PAPER 65-673] 03 p0440 A67-13041
- SHELTON, J. P.**
Synthesis and design of wide-band equal-ripple TEM directional couplers and fixed phase shifters. 02 p0214 A67-11778
- SHELTON, R. D.**
A scientific station on the moon. [AIAA PAPER 67-117] 06 p0980 A67-18286
Scientific studies on the moon. 15 p2553 A67-29300
- SHELTON, R. V.**
Status of lubricants for manned spacecraft. [ASME PAPER 66AM-7A2] 13 p2123 A67-27100
- SHEMETKOV, L. A.**
Partially solvable finite groups /O chastichno razreshimykh konechnykh gruppakh/. 07 p1217 A67-20153
- SHEN, C. C.**
Avalanche diode microwave oscillators and amplifiers. 09 p1479 A67-22265
- SHEN, C. N.**
Transient heat transfer and thermal stresses for a nuclear rocket due to sudden increase of coolant flow. [ASME PAPER 66-WA/NE-4] 04 p0656 A67-15373
Distributed parameter optimum control of a nuclear rocket with thermal stress constraints. [ASME PAPER 66-WA/AUT-6] 04 p0656 A67-15419
Vectorsyn force generators for three axes acceleration measurement. 12 p1947 A67-26123
Hohmann-type orbital transfer by constant thrust. 16 p2744 A67-30736
- SHEN, C. S.**
Possibility of detecting quarks through astronomical observations. 08 p1400 A67-21246
Energy spectrum and the origin of cosmic-ray electrons above 12 bev. 20 p3517 A67-36532
- SHEN, D. W. C.**
Identification of nonlinear systems using a method of stochastic approximation. 16 p2653 A67-31694
A multi-input self-optimizing filter with applications to hybrid navigation systems. 17 p2882 A67-32527
- SHEN, J.-T.**
Effect of transverse curvature on axisymmetric compressible laminar boundary layer. 05 p0791 A67-16509
The effect of transverse curvature on the axisymmetric compressible laminar boundary layer. 16 p2662 A67-31600
- SHEN, L.-C.**
Cylindrical antenna with tapered resistive loading. 09 p1481 A67-22446
An experimental study of the antenna with nonreflecting resistive loading. 23 p3978 A67-40826
- SHEN, M. C.**
Solitary waves in an atmosphere with arbitrary wind and density profiles. 03 p0463 A67-14032
Molecular theories of rubberlike elasticity and polymer viscoelasticity. [AIAA PAPER 67-488] 18 p3143 A67-33954
- SHEN, S. F.**
Basic fluid dynamics. 06 p0983 A67-17783
Shock waves in rarefied gases. 06 p0983 A67-17784
A theory for the slip-flow boundary conditions over a surface defined by arbitrary gas-surface interaction parameters. 13 p2102 A67-26970
- SHEN, Y.-P.**
Stability of truncated conical shells under axial loads. 06 p1105 A67-18593
- SHENDEROVICH, I. M.**
Effect of the inertia of an instrument on the accuracy of measuring the mean values of the parameter examined /O vlianii inertsii pribora na tochnost' opredeleniia srednikh znachenii izmeriaemogo parametrov/. 07 p1187 A67-19739
- SHENG, C. L.**
On measure of information. 02 p0203 A67-12168
- SHENKER, L. H.**
Re-entry vehicle application of advanced filament reinforced structural composites. 03 p0429 A67-13417
- SHENOI, B. A.**
Worst case gain sensitivity with zero phase sensitivity in active RC network. 08 p1308 A67-20321
- SHENOY, R. P.**
Performance of Doppler radar in the presence of random fading. 04 p0653 A67-14876
- SHENSTONE, B. S.**
Concorde realities. 01 p0081 A67-11253
- SHENTON, D. B.**
Solar studies in the extreme ultraviolet using stabilized Skylark rockets. 12 p2008 A67-25826
- SHEPARD, G. D.**
Coupled two-degree-of-freedom response of soft-mounted rigid body to random excitation. [ASME PAPER 67-VIBR-36] 11 p1873 A67-24193
- SHEPELEV, E. IA.**
Some results of physiological-ecological investigations of chlorella cultures as a link in a closed ecological system /Nekotorye itogi fiziologoekologicheskogo issledovaniia kul'tury khlorelli kak zvena zakrytoi ekologicheskoi sistemy/. 16 p2617 A67-30775
- SHEPELEV, IU. G.**
Controlling a space ship with a low thrust motor during acceleration in the absence of information about the current velocity vector. 11 p1869 A67-24068
- SHEPERTYCKI, T. H.**
Sixteen-channel silicon integrated-circuit encoder for the ISIS "A" satellite particle-counting experiment. 05 p0770 A67-16292
- SHEPETNOV, R. V.**
Characteristics of the irregular pulsations of diminishing periods /IPDP/ and their relations to the variations of the flux of particles trapped in the magnetosphere /Caracteristiques des pulsations irregulieres de periode decroissante /I.P.D.P./ et leurs relations avec les variations du flux des particules plegees dans la magnetosphere/. 20 p3431 A67-37097
- SHEPHERD, E. F.**
Molecular beam scattering from surfaces of various metals. 13 p2099 A67-26949
- SHEPHERD, G. G.**
Applications of the Fabry-Perot spectrometer to upper atmospheric spectroscopy. 20 p3440 A67-36362
A note on "auroral-type" fluctuations in the earth's electromagnetic field. 20 p3431 A67-36994
Optical upper atmospheric investigations at the University of Saskatchewan. 23 p3996 A67-41256
A moire fringe method of Fabry-Perot spectrometer scanning. 23 p4001 A67-41258
- SHEPHERD, L. R.**
Needed for the 1970s - International space control agency. 02 p0343 A67-11815
- SHEPHERD, L. T.**
Particle losses in a simulated fusion plasma. 14 p2362 A67-28038
- SHEPHERD, R. A.**
Frequency spread in ionospheric radio propagation. 14 p2273 A67-28712
- SHEPHERD, W. L.**
Prediction of apparent elevation angle from specified position for an object in the troposphere. 02 p0199 A67-12083
Modular measurements of a distance. 15 p2511 A67-29893
- SHEPPARD, J.**
An improved cryogenic liquid level sensor. 01 p0062 A67-10194
- SHEPPARD, L. M.**
Hole size effect on hemisphere pressure distributions. 13 p2220 A67-27193
- SHEPPHARD, F. H.**
Simulation technique for extended-duration manned space missions. [AIAA PAPER 67-206] 06 p0981 A67-18512
- SHEPPS, L.**
A general-purpose analog translational trajectory program for orbiting and reentry vehicles. 19 p3190 A67-36070
- SHER, A.**
Temperature variation of La super 139 nuclear quadrupole resonance in LaF sub 3. 01 p0129 A67-10149
- SHERA, E. B.**
Superconducting magnet beta-ray spectrometer. 20 p3444 A67-36523
- SHERBAUM, L. M.**
Some results of photographic meteor observations in 1957 through 1961 at Kiev /Nekotorye itogi fotograficheskikh nabludenii meteorov v Kieve v 1957-1961 gg./. 13 p2196 A67-26495
- SHERBOURNE, A. N.**
A general variational theorem in classical plasticity. 18 p3143 A67-34006
- SHEREMETA, M. N.**
Relation between the increasing modulus maximum of an integral function and the moduli of the coefficients of its power series /O svyazi mezhdu rostom maksimuma modulia tseloi funktsii i moduliami koefitsientov ee slepennogo razlozheniia/. 11 p1813 A67-24520
- SHEREMETEV, A. G.**
Signal detection in the optical range with the aid of a photoreceiver with a laser amplifier at the input /Obnaruzhenie signalov opticheskogo diapazona fotopriemnikom s kvantovym usilitelem na vkhode/. 24 p4186 A67-41797
- SHERER, A. D.**
A linearized characteristics method for the dynamic stability analysis of bodies of revolution in supersonic flow. [AIAA PAPER 67-607] 19 p3172 A67-35998
- SHERGIN, V. V.**
Selection of the optimum operating point in the power amplification of a single-band signal /O vybere optimal'noi rabochei tochni pri usilenii odnopolosnogo signala po moshchnosti/. 11 p1772 A67-24983
- SHERIDAN, E. A.**
Nuclear rocket engine controls. [AIAA PAPER 66-1005] 03 p0466 A67-14150
- SHERIDAN, G.**
Three dimensional chaff simulator. 08 p1314 A67-20656
- SHERIDAN, T. B.**
The "feel" of rotary controls - Friction and inertia. 02 p0188 A67-12229
- SHERIDAN, T. R.**
Satellite communications - What next/ques/. 14 p2274 A67-28912
- SHERIDON, N. K.**
Sound holograms and optical reconstruction. 03 p0420 A67-13570
- SHERIFF, D. R.**
Design and layout. 08 p1301 A67-20740
- SHERMAN, A.**
Magnetohydrodynamic channel flows with nonequilibrium ionization. 02 p0275 A67-12552
Blowing of current patterns in nonequilibrium plasmas. 19 p3298 A67-35760
- SHERMAN, B.**
A free boundary problem for the heat equation with prescribed flux at both fixed face and melting interface. 14 p2405 A67-28255
- SHERMAN, B. W.**
Methods of measuring electric fields. 08 p1311 A67-20652

- SHERMAN, G. C.
Experimental comparison of scattering of coherent and incoherent light. 09 p1510 A67-21600
Reconstructed wave forms with large diffraction angles. 22 p3835 A67-39241
Hologram copying by Gabor holography of transparencies. 23 p4002 A67-41268
- SHERMAN, H.
Lincoln experimental satellite program - LES-1, -2, -3, -4. 24 p4242 A67-42906
- SHERMAN, J.
System identification and pattern recognition. 15 p2460 A67-30314
- SHERMAN, M.
Onset of thermal instability in a horizontal circular cylinder. 05 p0929 A67-17415
Lower bounds to the critical Rayleigh number in completely confined regions. 17 p2968 A67-32410
Convective instabilities in fully developed flows. [ASME PAPER 67-HT-26] 20 p3546 A67-36719
Thermal instability in a spherical region heated from below. 22 p3918 A67-39715
- SHERMAN, M. P.
Effect of resonant charge exchange on heat conduction in plasmas. 03 p0484 A67-14038
- SHERMAN, S. M.
The use of "complex indicated angles" in monopulse radar to locate unresolved targets. 02 p0201 A67-12115
- SHERMERGOR, T. D.
Effect of the orientations of reinforcing fibers on the elastic moduli of materials /Vliyanie orientatsii armirulushchikh volokon na uprugie moduli materialov/. 15 p2576 A67-30178
- SHERR, P. E.
Some problems in using Tiros radiation data as filed on final meteorological radiation tapes. 01 p0108 A67-10320
- SHERRE, R. E.
A finite element approach for the analysis of randomly excited complex elastic structures. 10 p1724 A67-23710
- SHERRILL, M. D.
Fluxon size in thin films. 10 p1696 A67-23774
- SHERRILL, W. A., II
Measurements of the discharge characteristics of sharp-edged and rounded orifices in the transition regime. 14 p2300 A67-28180
- SHERWIN, H. C.
Recent experience with manned tests in the NASA space environment simulation laboratory. 13 p2090 A67-26841
- SHERWOOD, W. D.
SST propulsion systems - Airline operational and economic goals. [SAE PAPER 660296] 07 p1129 A67-19624
- SHERYSHEV, V. I.
Thermal Effects and Cutting Machinability of Aircraft Materials /Teplovye iavleniya i Obrabatyvaemost' Rezaniiem Aviatsonnykh Materialov/. 03 p0427 A67-13190
- SHESHUKOV, E. G.
A certain approximate method for solving problems of gas flow at subsonic velocities /Odn priblizhennyi metod resheniya zadach o techeniiakh gaza s dozvuikovoi skorost'iu/. 20 p3358 A67-36442
- SHESTACHENKO, I. IA.
A procedure for measuring the variable forces acting on the blades of rotating turbine engines by piezoelectric sensors /Metodika izmereniya peremennyykh usilii, deistviyushchikh na lopatki vrashchalushchikhsia turbomashin, p'ezoelektricheskimi datchikami/. 24 p4153 A67-42095
- SHESTAKOV, N. N.
Optimum control of space-vehicle motion along the binomial to a reference orbit /K zadache optimal'nogo upravleniya dvizheniem kosmicheskogo apparata vdol' binormali k opornoi orbite/. 17 p2955 A67-32255
- SHESTAKOV, V. V.
Nonelectromagnetic reactions of superhigh-energy muons /Nelektr magnitnye vzaimodeistviya mionov sverkhvysokikh energii/. 02 p0317 A67-12771
Investigation of the energy spectrum of cosmic muons by means of electron-photon showers /Issledovanie energeticheskogo spektra kosmicheskikh mionov posredstvom elektronno-fotonnykh livnei/. 02 p0317 A67-12772
- Nonelectromagnetic interactions of ultrahigh energy muons. 22 p3877 A67-40273
Investigation of the energy spectrum of cosmic ray muons by means of electron-photon showers. 22 p3877 A67-40274
Investigation of electron-photon cascades in iron in an energy range of approximately 10 super 12 ev /Issledovanie elektronno-fotonnykh kaskadov v zheleze v oblasti energii priblizhenno 10 super 12 ev/. 24 p4221 A67-42869
- SHESTERIKOV, S. A.
Longitudinal bending and buckling /Prodolnyi izgib i vypuchivanie/. 15 p2577 A67-30184
- SHESTALOV, V. P.
Discontinuities in rectangular waveguides - Double strip obstacles. 05 p0775 A67-16956
Radiation of electromagnetic waves during the motion of an electron stream above a grid lying on the boundary of a semi-infinite anisotropic dielectric. 05 p0766 A67-17163
Diffraction of electromagnetic waves on metal gratings with narrow slits. 23 p3975 A67-41683
- SHESTOPEROV, V. IA.
Investigation of ionization bursts at mountain altitudes /Izucheniye ionizatsionnykh tolchkov na urovne gor/. 02 p0315 A67-12758
Evaluation of the effective cross-section of the inelastic interaction of primary 10 super 12 -ev protons with atmospheric atomic particles /Otsenka effektivnogo secheniya neuprugogo vzaimodeistviya pervichnykh protonov s energiei 10 super 12 ev s atomnymi ladrami atmosfery/. 02 p0315 A67-12759
Mechanism of the formation of high-energy pions in cosmic rays /O mekhanizme obrazovaniya vysokoenergiichnykh pionov v kosmicheskikh luchakh/. 02 p0315 A67-12760
Comments on a model of the formation of extensive air showers /Zamechania ob odnoi modeli obrazovaniya shirokikh atmosferykh livnei/. 02 p0319 A67-12785
Measurement of the intensity of nuclear-active particles at mountain altitudes /Izmereniye intensivnosti laderno-aktivnykh chastits na vysotakh gor/. 21 p3698 A67-38293
Investigation of ionization bursts at mountain altitudes. 22 p3876 A67-40260
Evaluation of the cross section for inelastic interaction of 10 super 12 ev primary protons with air nuclei. 22 p3876 A67-40261
On the mechanism of production of high-energy pions in cosmic rays. 22 p3876 A67-40262
Concerning a model of extensive air shower formation. 22 p3878 A67-40287
Certain results obtained by the method of controlled nuclear photoemulsions with the fixation of time of recorded events /Nekotorye rezul'taty, poluchennye metodom kontroli ruemykh ladernykh fotoemul'sii s fiksatsiei vremeni registriruemykh sobytiy/. 24 p4217 A67-42832
Energy spectrum of nuclear-active particles at mountain altitudes /Energeticheskii spektr ladernoaktivnykh chastits na vysotakh gor/. 24 p4218 A67-42834
Certain contradictions in high-energy cosmic-ray studies /O nekotorykh protivorechiakh v issledovaniyakh chastits kosmicheskikh luchei vysokoi energii/. 24 p4218 A67-42840
Isobaric mechanism of high-energy pion generation in cosmic rays /Ob izobarnom mekhanizme generatsii vysokoenergiichnykh pionov v kosmicheskikh luchakh/. 24 p4218 A67-42841
- SHESTOVA, N. P.
Incidence of a plane supersonic jet on a plane at an arbitrary angle /Padenie ploskoi sverkhzvukovoi strui na ploskost' pod proizvol'nym uglom/. 22 p3786 A67-40020
- SHETH, B. I.
Effect of a Castillejo-Dalitz-Dyson pole in the p-N I equals 1/2, J equals 1/2 super plus amplitude. 11 p1823 A67-24599
- SHEVCHENKO, F. N.
Radiosonde A-60 /Radiozond A-60/. 07 p1187 A67-19737
- SHEVCHENKO, IU. F.
Spectroscopic study of a disintegrating helium plasma at 20 deg K /Spektroskopicheskoe issledovanie raspadalushchetsia gelievoi plazmy pri 20 deg K/. 09 p1544 A67-21918
Spectroscopic study of disintegrating helium plasmas at 20 deg K. 14 p2358 A67-28247
- SHEVCHENKO, IU. N.
Theories of thermoplasticity of a hardening material /O teoriakh termoplastichnosti uprochnialushchegosia materiala/. 05 p0911 A67-16175
- SHEVCHENKO, O. A.
Measurement of the anisotropy of the energy gap in superconducting indium by ultrasonic techniques /Izmereniye anizotropii energeticheskoi shcheli v sverkhprovodiaschem indii ul'trazvukovym metodom/. 14 p2375 A67-29070
- SHEVCHENKO, R. F.
Propagation of symmetric waves in a cylindrical waveguide filled with inhomogeneous plasma. 07 p1158 A67-20242
- SHEVCHENKO, R. P.
Hollow rolling elements. 01 p0079 A67-10727
Shaft, bearing and seal systems for a small engine. [SAE PAPER 670084] 09 p1580 A67-22537
- SHEVCHENKO, V. A.
Study of the vital activity of Chlorella under space-flight conditions /Issledovanie zhiznedeiatel'nosti Khlorelli v usloviyakh kosmicheskogo poleta/. 20 p3387 A67-36256
- SHEVCHENKO, V. I.
Nonlinear theory of instabilities in a plasma located in a strong electric field. 02 p0274 A67-12462
Quasilinear theory of plasma cyclotron instability. 03 p0475 A67-12933
Selection of the optimum cavity beam hole diameter of a powerful wide-band twt /O vybore optimal'nogo diametra proletoynogo kanala moshchnoi shirokopolosnoi lbv/. 04 p0583 A67-15153
Method for stabilizing two-stream instabilities. 06 p1040 A67-18097
Selection of the optimum diameter of the drift channel of a high-power broadband traveling-wave tube. 15 p2443 A67-29340
Problem of skew-derivative type for a system of two harmonic functions /Pro zadachu tipu pokhilloi pokhidnoi dlia sistemi dvokh garmonichnykh funktsii/. 16 p2696 A67-31143
Instability in strongly inhomogeneous beams /Neustoiichivost' v sil'no neodnorodnykh puchkakh/. 16 p2716 A67-31178
Quasi-linear theory of plasma cyclotron instability /Kvazilineinaya teoriya tsiklotronnoi neustoiichivosti plazmy/. 18 p2717 A67-31179
Neumann problem for an elliptic system of two second-order equations with many independent variables /Pro zadachu Neimana dlia eliptichnoi sistemi dvokh ravnaniy drugogo poriadku z bagat'ma nezaviesnymi zminnimi/. 18 p3071 A67-34169
Quasi-linear theory of instability of a plasma with an anisotropic ion-velocity distribution /K kvazilineinai teorii neustoiichivosti plazmy s anizotropnym raspredeleniem ionov po skorostiam/. 21 p3669 A67-38680
Nonlinear theory of Koerper resonance /K nelineinai teorii kerperovskogo rezonansa/. 21 p3669 A67-38681
- SHEVCHENKO, V. V.
Current problems of lunar surface morphology /Tekushchie problemy morfologii poverkhnosti luny/. 05 p0887 A67-16059
Kinetics of growth of a beta-grain in commercial titanium alloys /Kinetika rosta beta-zerna v promyshlennykh titanovykh splavakh/. 07 p1200 A67-19245
Coupling coefficients of the waves in a variable-cross-section waveguide with an impedance wall /Koeffitsienty svyazi voln v volnovode peremennogo secheniya s impedansnoi stenkol/. 07 p1143 A67-19602
Preparation of samples of variable composition by liquid-zone dilution techniques /Poluchenie obraztsov peremennogo sostava metodom razbavleniya zhidkoi zony/. 18 p3065 A67-34294
Electromagnetic waves in an isotropic stratified plasma waveguide. 18 p3090 A67-34440
Coupling coefficients of waves in a variable cross section waveguide with an impedance wall. 20 p3401 A67-37341
Current problems in the morphology of the lunar surface. 21 p3701 A67-37846
- SHEVCHUK, P. R.
Stress-deformed condition of heated

- elastic bodies, containing inclusions in the form of thin films /O napriazhenno-deformirovannom sostoyanii nagrevaemykh uprugikh tel, soderzhashchikh vklucheniya v vide tonkikh obolochek/. 21 p3720 A67-38295
- SHEVELEV, A. G.**
A class of automatic control systems which are invariant with respect to changes in the system parameters /Ob odnom klasse invariantnykh otositel'no izmeneni parametrov sistem avtomaticheskogo upravleniya/. 03 p0391 A67-13186
- Application of the discrete Laplace transformation for an analysis of pulsed automatic systems with variable parameters /Zastosuvannya diskretnogo peretvorennia Laplasa dlia analizu impul'snikh avtomaticheskikh sistem iz zminnimi parametrami/. 21 p3605 A67-39112
- SHEVELEV, I. U. D.**
Numerical calculation of the three-dimensional boundary layer in an incompressible fluid /Chislenniy raschet prostranstvennogo pogranichnogo slova v neszhimaemom zhidkosti/. 03 p0401 A67-12876
- Numerical investigation of a three-dimensional boundary layer in a compressible gas /Chislennoe issledovanie prostranstvennogo pogranichnogo slova v szhimaemom gaze/. 22 p3788 A67-40028
- SHEVELEV, L. P.**
Development of an engineering theory of elastoplastic equilibrium of shells /O postroyeni tekhnicheskoi teorii uprugoplasticheskogo ravnovesiya obolochek/. 12 p2028 A67-25632
- SHEVELEV, V. V.**
Plane stressed state of an anisotropic body /Ploskoe napriazhennoe sostoyanie anizotropnogo tela/. 11 p1879 A67-24882
- SHEVELIA, V. V.**
X-ray diffraction investigation of the fatigue of alloy D16AT as affected by ambient media. 21 p3642 A67-37826
- Influence of surface-active media on the formation of the dislocation structure in metal fatigue /Vliyanie poverkhnostnoaktivnykh sred na formirovaniye dislokatsionnoy struktury pri ustaloosti metallov/. 24 p4174 A67-42724
- SHEVELL, R. S.**
Aerodynamic design features of the DC-9. [AIAA PAPER 65-738] 03 p0354 A67-12905
- SHEVELO, V. N.**
Certain properties of the solutions of second-order nonlinear nonautonomous ordinary differential equations /O nekotorykh svoystvakh reshenii nelineynykh neavtonomnykh obyknovennykh differentsial'nykh uravnenii vtorogo poriadka/. 17 p2879 A67-32884
- SHEVLIAGIN, K. V.**
Excitation of magnetoelastic waves. 16 p2733 A67-31733
- SHEVLIKOV, I. U. A.**
Temperature stresses in multilayer plates in an axisymmetric temperature field /Temperaturnyye napriazheniya mnogosloynnykh plastin pri osesimmetrichnom temperaturnom pole/. 07 p1261 A67-19326
- SHEVNIN, A. D.**
Geomagnetic phenomena observed during the earth's passage through the tail of Halley's comet, 1910 II /Geomagnitnye iavleniya, nabludavshiesya pri prokhozhdenii zemli cherez khvost komety Galleia 1910 II/. 02 p0236 A67-11654
- The components of the geomagnetic field strength in the solar-eclipse coordinate system /T/. 07 p1170 A67-19111
- Magnetic field of the ring current at the surface of the earth, according to IGY observations. 13 p2111 A67-26557
- Topology of the geomagnetic field at distances from 3 to 7 R according to "Elektron 2" observations /Topologiya geomagnitnogo polya na rasstoyanii 3-7 R po dannym "Elektrona-2"/. 14 p2308 A67-27928
- Geomagnetic phenomena observed during the transit of the earth through the tail of Halley's 1910 II comet. 16 p2665 A67-31069
- SHEVNINA, N. F.**
Auroras in magnetically disturbed and magnetically quiet periods. 07 p1178 A67-19817
- Polar auroras during a minimum of the solar activity cycle /Poliarnyye slaniya v period minimuma tsikla solnechnoi aktivnosti/. 10 p1631 A67-22802
- Auroras during a period of minimum solar activity. 24 p4150 A67-42139

- SHEVYAKOV, A. A.**
The criterion of optimization for low-thrust power-limited engines and the method of their identification. 22 p3898 A67-39181
- SHEWCHUN, J.**
Analysis of the negative resistance associated with the semiconductor-insulator-semiconductor /SIS/ structure. 08 p1370 A67-21292
- SHI, J.-X.**
Thermal snap-through buckling of a bimetallic shallow spherical shell. 06 p1105 A67-18590
- SHI, Y.**
Satellite motion for all inclinations around an oblate planet. 08 p1382 A67-20398
- SHI, Y. Y.**
Ascent or descent from satellite orbit by low thrust. 04 p0704 A67-14828
- Low-thrust elliptic spiral trajectories of a satellite of variable mass. 17 p2948 A67-33022
- SHI, Y.-Y.**
An approximate solution for ascending low-thrust trajectories without singularity. 05 p0903 A67-17363
- Uniformly valid asymptotic solution of nonplanar earth-to-moon trajectories in the restricted four-body problem. 21 p3705 A67-38613
- SHIBATA, Y.**
Energy distribution of electrons tunneling through a metal-insulator-metal sandwich structure. 12 p1982 A67-25449
- SHIBAYAMA, K.**
Magnetostrictive transducers and filters. 03 p0420 A67-13548
- SHICKELL, W. D.**
Thermal study of groups II-IV semiconductors - Lattice heat capacities and free energies of formation - Heat capacity of Mg sub 2 Si from 15 deg-300 deg K. 23 p4047 A67-41533
- SHIDLOVSKII, A. K.**
Phase-controlling valves with a reactive compensating element /Fazovoi'noye ustroystvo s reaktivnym kompensiruyushchim elementom/. 07 p1150 A67-19319
- SHIDLOVSKII, V. P.**
Generalized spatially-uniform distribution functions and heat transfer in rarefied gas. 13 p2100 A67-26958
- Introduction to the Dynamics of Rarefied Gases. 23 p3989 A67-40873
- SHIELD, R. T.**
Second-order effects in the propagation of elastic waves. 01 p0113 A67-10405
- A general theory of optimal plastic design. [ASME PAPER 66-WA/APM-22] 04 p0718 A67-15927
- SHIELDS, J. L.**
Acute altitude sickness in females. 03 p0365 A67-14298
- SHIELDS, R. A.**
A combined focusing X-ray diffractometer and nondispersive X-ray spectrometer for lunar and planetary analysis. 01 p0067 A67-10889
- SHIELDS, S.**
A method for the preliminary design of radiative heat-shield panels. [AIAA PAPER 66-507] 04 p0711 A67-15252
- SHIENOK, G. G.**
Effect of uniaxial compression on the recombination radiation of indium phosphide p-n junctions /Vliyanie odnoosnogo szhatiya na rekombinatsionnoe izluchenie n-p-perekhodov na fosfide indiya/. 18 p3100 A67-33718
- SHIFFER, H. A.**
Future major requirements of international space law. 12 p2044 A67-26154
- SHIFFRIN, R. M.**
Short-term recall of paired-associates as a function of the number of interpolated pairs. 22 p3750 A67-39318
- SHIFRIN, E. G.**
On flows of an ideal gas whose sonic surface coincides with a characteristic surface. 01 p0053 A67-10999
- Some properties of symmetric flow past a profile with separated shock wave /Nekotorye svoystva simmetrichnogo obtekaniya profil'a s otosledshel udarnoi volnoi/. 03 p0349 A67-12873
- Plane vortex flow in the vicinity of the point of orthogonality of a sound line to the line of the velocity vector /Ploskoe vikhrevoe techenie v okrestnosti tochki ortogonal'nosti zvukovoi llni vektoru skorosti/. 06 p0936 A67-17738

- Direct problem of plane symmetrical flow past a smooth convex airfoil with a detached shock wave /K priamozi zadache ploskogo simmetrichnogo obtekaniya gladkogo vypuklogo profil'a s otosledshel udarnoi volnoi/. 09 p1438 A67-22217
- Axisymmetric vortex flow in the neighborhood of a point where a sonic line is orthogonal to the velocity vector /Osesimmetrichnoe vikhrevoe techenie v okrestnosti tochki ortogonal'nosti zvukovoi llni vektoru skorosti/. 10 p1624 A67-23034
- The direct problem of plane symmetrical flow with detached shock wave about a smooth convex profile. 18 p2982 A67-33756
- SHIFRIN, G. A.**
Solubility effects of implanted ions in semiconductors. 20 p3510 A67-36856
- SHIFRIN, I. A. S.**
Effect of atmospheric inhomogeneities on the directive gain of large antennas. 21 p3600 A67-38812
- SHIFRIN, K. S.**
Structure of the light field at small angles /Struktura svetovogo polya pod malymi uglami/. 01 p0107 A67-10125
- Theory of the nephelometric method for measuring the transparency and the structure of atmospheric aerosols /Teoriya nefelometricheskogo metoda izmereniya prozrachnosti i struktura atmosfernogo aerizol'a/. 13 p2151 A67-26885
- SHIGEHARA, M.**
The gravity gradient attitude stabilization of the satellite. 15 p2564 A67-29329
- SHIGI, T.**
Magnetic properties of superconducting Sn films. 05 p0864 A67-16899
- SHIGLEY, J. E.**
Simulation of Mechanical Systems-An Introduction. 21 p3588 A67-38252
- SHIH, C.**
Model testing of re-entry vehicle and its components. 02 p0230 A67-12358
- SHIH, C. C.**
Flow characteristics in a supersonic fluid amplifier. 14 p2250 A67-28333
- SHIH, K. T.**
Experimental studies of the electrode heat transfer in a MPD arc configuration. [AIAA PAPER 67-673] 21 p3691 A67-38706
- SHIH, S. L.**
Synthesis of nonuniform antenna arrays using lambda functions. 21 p3602 A67-39071
- SHIH, W. C. L.**
Viscous nonequilibrium blunt-body flow. 05 p0750 A67-17335
- SHIINO, T.**
UHF amplification and frequency conversion in a single transistor. 20 p3398 A67-36773
- SHIKHOBALOV, S. P.**
Polarization-Optical Method for the Investigation of Stresses, All-Union Conference, 5th, Leningrad, USSR, June 23-27, 1964, Transactions /Polarizatsionno-Opticheskiy Metod Issledovaniya Napriazhenii, Vsesoluznaya Konferentsiya, 5th, Leningrad, USSR, June 23-27, 1964, Trudy/. 08 p1423 A67-21329
- SHIKIN, I. S.**
Homogeneous anisotropic cosmological model with a magnetic field /Odnorodnaya anizotropnaya kosmologicheskaya model' s magnitnym polem/. 04 p0702 A67-15384
- A uniform anisotropic cosmological model with a magnetic field. 14 p2386 A67-28485
- SHILEIKA, A. I. U.**
Oscillations in the electrical absorption of light in cadmium telluride /Otsillatsii elektropogloshcheniya v telluride kadmia/. 19 p3301 A67-34772
- SHILKIN, A. I.**
High-temperature inversion of the Hall coefficient in tellurium /O vysokotemperaturnoi inverzii koeffitsienta Kholla v tellure/. 03 p0492 A67-13344
- High-temperature inversion of the Hall coefficient in tellurium. 13 p2184 A67-27718
- SHILLITO, F. H.**
Effects of altitude on emphysematous blebs and bullae. 03 p0365 A67-14297
- Aeromedical problems associated with surgical procedures for the relief of otosclerosis. 13 p2060 A67-26928
- SHILMAN, S. V.**
Absolute stability of nonlinear control systems with periodically varying parameters. 05 p0784 A67-17238
- Frequency methods for the analysis of the sensitivity characteristics of linear dynamic

- systems. 18 p3018 A67-34441
- SHILOV, A. A.
The minimum of the maximum deceleration in spacecraft re-entry. 14 p2393 A67-27855
- SHILOVA, N. S.
Electron concentration in metallic emission regions in the chromosphere /K voprosu ob elektronnoi kontsentratsii v oblastiakh svecheniia metallov v khromosfere/. 02 p0328 A67-12485
The electron concentration in metallic emission regions in the chromosphere. 10 p1708 A67-23353
- SHIMA, M.
Determination of rubidium-strontium age of chondrites using their separated components. 21 p3702 A67-38125
Distribution of rare earths among component minerals of Bruderheim chondrite. 21 p3702 A67-38126
Distributions of alkali, alkaline earth and rare earth elements in component minerals of chondrites. 24 p4236 A67-42646
- SHIMABUKURO, F. I.
Characteristics of a tapered anechoic chamber. 16 p2640 A67-31364
- SHIMADA, K.
Space-charge distribution in a neutral plasma. 09 p1548 A67-22352
Anomalous electron and ion currents in plasma-mode operation of a thermionic energy converter. 24 p4103 A67-42502
- SHIMAHARA, H.
Observation of the ion resonance by an RF probe. 04 p0663 A67-14616
- SHIMAMOTO, S.
Distribution of normal region after S-N transition in a superconducting magnet. 01 p0137 A67-11065
- SHIMAMURA, T.
Microwave communication system using PCM. 22 p3763 A67-40460
- SHIMANOV, S. N.
Random periodic behavior of quasi-linear stochastic differential equations. I /K sushchestvovaniu sluchainykh periodicheskikh rezhimov kvazilineinykh stokhasticheskikh differentsial'nykh uravnenii. I/. 16 p2696 A67-31009
Periodic solutions of quasi-harmonic time-lag systems /O periodicheskikh resheniakh kvazigarmonicheskikh sistem s zapazdyvaniem/. 18 p3079 A67-34371
- SHIMANSKII, I. U. I.
Discontinuity in heat capacity C sub V as it passes through the liquid/vapor phase boundary near the critical point /Do p'rianna pro sribok teploemnosti C sub V pri peretini binodalni poblizu kritichnoi tochki ridina-para/. 22 p3790 A67-39509
- SHIMANUKI, A.
Turbulent transfer in diabatic conditions. 10 p1677 A67-23574
- SHIMAREV, S. K.
Flux shaping in an electromagnetic shock tube /O formirovani potoka v elektromagnitnoi udarnoi trube/. 09 p1485 A67-22324
- SHIMASAKI, N.
Star system. V. 13 p2087 A67-26721
- SHIMAYAMA, H.
Star system. III. 13 p2068 A67-26719
- SHIMAZAKI, T.
The application of the partial correlation analyses to the study of the occurrence probability of spread F. 15 p2481 A67-30283
[AGARDOGRAPH 95]
Dynamic effects on atomic and molecular oxygen density distributions in the upper atmosphere - A numerical solution to equations of motion and continuity. 16 p2664 A67-30975
- SHIMAZU, M.
Q-switched CO sub 2 laser and the detection with the pyroelectric thermal detector. 09 p1511 A67-21769
- SHIMAZU, Y.
On the dynamic model of the geochemical cycle. 08 p1325 A67-21212
Thermodynamical aspects of formation processes of the terrestrial planets and meteorites. 11 p1864 A67-24600
A note on the thermal history of the moon. 16 p2747 A67-30992
- SHIMBO, O.
Threshold region of F.D.M./F.M. signals. 11 p1752 A67-24124
- SHIMIZU, F.
Time variations of stimulated Raman process and effect of relaxation. 04 p0632 A67-14765
- SHIMIZU, H.
Vibration of rotor based on ball bearing. 02 p0248 A67-11468
Modified silicon-carbide continuous filaments. 03 p0454 A67-13423
- SHIMIZU, I.
Development of a barometric sensor insensitive to high winds. 17 p2860 A67-32816
- SHIMIZU, M.
The atomic and molecular processes in the upper atmospheres of planets. 06 p1087 A67-18429
A theoretical investigation of Cytherean, Martian and Jovian upper atmospheres. 18 p3124 A67-34158
- SHIMIZU, N.
Equatorial enhancement of micropulsation pl-2. 08 p1329 A67-21540
- SHIMIZU, T.
Time variations of stimulated Raman process and effect of relaxation. 04 p0632 A67-14765
Far-infrared and submillimeter maser oscillators with H sub 2 O and D sub 2 O. 21 p3639 A67-38253
- SHIMKO, V. I.
Contactless method for measuring the specific resistance of semiconductor plates and epitaxial layers. 11 p1792 A67-24812
- SHIMODA, K.
Tunable infrared maser spectrometers. 04 p0632 A67-14764
Theoretical considerations of the three-level maser detector for the far-infrared. 16 p2684 A67-30606
Observation of stimulated Raman emission and stimulated Rayleigh-wing scattering from self-trapped filaments of a laser beam. 16 p2684 A67-30607
Far-infrared and submillimeter maser oscillators with H sub 2 O and D sub 2 O. 21 p3639 A67-38253
- SHIMOKAWA, Y.
On the circular charts. 05 p0834 A67-16435
- SHIMOMURA, R.
Investigation of surface film boiling under free convection. I. 13 p2222 A67-26532
- SHIMURA, M.
Forced oscillation in a distributed-constant system with a tunnel diode. 21 p3598 A67-38606
- SHIN, S.
On some fundamental problems in ultrasonic welding of dissimilar metals. 12 p1950 A67-25737
- SHINADA, M.
Interband optical transitions in extremely anisotropic semiconductors. 04 p0674 A67-14610
I. Magneto-optical studies of exciton effects in layer-type semiconductors. 06 p1060 A67-18917
- SHINAKOV, I. U. S.
Limiting form of the Bayes estimate of regression coefficients in the presence of nonstationary noise /Predel'naya forma Balesovskoi otsenki koeffitsientov regressii v prisutstvi nestatsionarnogo shuma/. 10 p1619 A67-22952
Certain asymptotic properties of a Bayes estimate of regression coefficients in the presence of unsteady noise /Nekotorye asimptoticheskie svoystva balesovskoi otsenki koeffitsientov regressii v prisutstvi nestatsionarnogo shuma/. 24 p4134 A67-41796
- SHINAR, J.
Effect of roll on proportional navigation guidance /L'effet de roulis sur l'autoguidage en navigation proportionnelle/. 11 p1816 A67-24215
- SHINBROT, C. H.
Reaction and power conversion system design integration for earth orbital application. 24 p4186 A67-42547
- SHINBROT, M.
Smoothness of weak solutions of the Navier-Stokes equations. 14 p2295 A67-27894
A reproductive property of the Navier-Stokes equations. 15 p2510 A67-29462
The initial value problem for the linearized equations of water waves. 19 p3210 A67-35703
- SHINDIAPIN, G. P.
Conditions for regular interaction of weak shock waves. 06 p0984 A67-18045
- SHINDLER, A. A.
Certain theorems of the general theory of approximate methods of analysis and their application to the collocation, moment, and Galerkin methods /Nekotorye teoremy obshchel teorii priblizhennykh metodov analiza i ikh primenenie k metodam kollokatsii, momentov i Galerkina/. 14 p2344 A67-28671
- SHINGAREVA, K. B.
Preparation of a catalog for the interpretation of objects in the eastern sector of the far side of the moon /Sostavlenie kataloga deshifirovannykh ob'ektov vostochnogo sektora obratnoi storony luny/. 11 p1867 A67-24844
- SHINGARKINA, V. A.
Method of measuring the emissivity and absorptivity of a gas in the wake of a shock-wave front /Metod izmereniia luchespuskatel'noi i pogloshchatel'noi sposobnosti gaza za frontom udarnoi volny/. 16 p2673 A67-31109
- SHINIAEV, A. IA.
Mutual diffusion of the components and phase diagram of the system Ti-W /Vzaimnaia diffuziia komponentov i diagramma sostoiianiia sistema Ti-W/. 07 p1204 A67-19266
Diffusion soldering of titanium /O diffuzionnoi palke titana/. 07 p1190 A67-19296
Diffusion of nickel in the solid solution and two-phase alloys of the system nickel-titanium. 19 p3245 A67-35468
- SHINKARENKO, V. G.
The frequency dependence of the noise coefficient of tunnel diode mixers. 05 p0777 A67-17172
- SHINKLE, J. G.
Launching Saturn vehicles. 15 p2569 A67-29849
- SHINKMAN, M. K.
Intrinsic and impurity photoconductivity of In sub 4 S sub 5 single crystals /Domishkova i vlasna fotoprovodnost' monokristal'v In sub 4 S sub 5/. 21 p3676 A67-37859
- SHINMEN, M.
Wafer-type millimeter-wave diodes. 18 p3011 A67-34021
- SHINNERS, S. M.
Fluidics. 10 p1595 A67-22975
- SHINODA, G.
Fidelity of strain pattern and measurement of strain distribution in a plate by using diffraction grating. 05 p0918 A67-16441
- SHINOZUKA, M.
Simulation of nonstationary random process. 06 p1109 A67-18839
On fatigue failure of a multiple-load-path redundant structure. 16 p2774 A67-31319
- SHIODA, S.
Parallel flows of multi-component viscous plasma. 05 p0854 A67-16894
Operations and experiments of the He-K blow-down MHD power generator. 12 p1898 A67-25389
- SHIOTA, K.
Studies on the high temperature fuel cell. 20 p3366 A67-37545
- SHIOTAKE, N.
Holographic generation of a contour map of a diffusely reflecting surface by using the immersion method. 16 p2670 A67-30612
- SHIOTANI, S.
Duo-emitter cesium thermionic converter. 21 p3571 A67-38610
- SHIOYA, S.
On a semi-infinite thin plate with a circular inclusion under uniform tension. 13 p2215 A67-26525
- SHIOZAKI, I.
Effect of temperature on the Hall coefficient of indium and indium-rich solid solutions. 08 p1371 A67-21438
- SHIOZAWA, T.
Low-loss optical phase modulator. 04 p0576 A67-15506
Electromagnetic radiation from an electric dipole moving with relativistic velocity. 18 p3000 A67-34022
Resonant modes in a Fabry-Perot resonator consisting of nonuniform reflectors. 20 p3447 A67-36767
- SHIPILO, V. B.
Study of the effect of high pressures and temperatures on the Hall constant and electrical conductivity of indium antimonide /Issledovanie vliianiia vysokikh davlenii i temperatur na postolannulu Kholla i elektroprovodnost' antimonida indlia/. 22 p3864 A67-40323
- SHIPLEY, E. N.
Lunar surface mechanical properties - Surveyor 1. 08 p1386 A67-20942

- SHIPLEY, G.
The design and fabrication of a thin film hybrid subaudio active filter. 18 p3015 A67-34559
- SHIPLEY, P. P.
An adaptive flight control system. [ASME PAPER 66-WA/AUT-22] 04 p0552 A67-15393
- SHIPMAN, J. D., JR.
Travelling wave excitation of high power gas lasers. 07 p1196 A67-20093
- SHIPMAN, J. S.
The Kantorovich theorem and two-point boundary value problems. 02 p0259 A67-11836
Continuation in shooting methods for two-point boundary value problems. 13 p2146 A67-27146
Some results in two-point boundary value problems. 21 p3652 A67-38025
- SHIPP, J. I.
Development of a regenerative collector target system for ion engine testing. [AIAA PAPER 66-500] 11 p1852 A67-24341
Spectroscopic temperature measurements in a low-pressure magnetically confined argon plasma. 20 p3499 A67-37028
- SHIPUK, I. A.
Ionization instability and turbulent conductivity of nonequilibrium plasma /Ionizatsionnaya neustoiichivost' i turbulentnaya provodimost' neravnovesnoi plazmy/. 16 p2711 A67-30538
- SHIPULIA, O. N.
Study of the atmosphere at small angles above the horizon by radio-astronomy methods /Issledovanie atmosfery na mal'kikh uglokh nad gorizontom radio-astrofizicheskimi metodami/. 07 p1142 A67-19586
Investigation of the atmosphere at small angles above horizon by methods of radio astronomy. 20 p3384 A67-37323
- SHIR, C. C.
Subcritical convective instability. I. 05 p0926 A67-16816
- SHIRA, C. S.
Effects of high-frequency current in welding aluminum alloy 6061. 03 p0430 A67-13693
- SHIRAFUJI, J.
Low frequency photocurrent oscillation in high resistivity GaAs. 05 p0866 A67-16987
- SHIRAKATA, H.
Measurements of flow velocities in an MHD channel. 05 p0854 A67-16983
Direct measurements of flow velocities, seeding ratios and electrical conductivities in seeded argon plasmas. 09 p1539 A67-21780
MHD power generation experiments with potassium-seeded argon plasmas. 16 p2601 A67-30554
- SHIRAKAWA, T.
Unsteady aerodynamic heating of a flat plate. 15 p2415 A67-29328
- SHIRAKI, H.
A solid state matrix display employing gallium phosphide diodes. 05 p0771 A67-16313
- SHIREMAN, H. C.
Early experience with the Boeing 727 QC airplane. [AIAA PAPER 67-395] 15 p2421 A67-30362
- SHIRIE, J. W.
Length of the supersonic core in high-speed jets. 23 p3992 A67-41739
- SHIRKE, J. S.
Criteria for recognition of a winter day of high ionospheric absorption. 15 p2476 A67-29623
- SHIRKO, I. V.
On the shape of an isotenoid plate. 04 p0708 A67-14785
- SHIRLAND, F. A.
The history, design, fabrication and performance of CdS thin film solar cells. 04 p0553 A67-14474
The status of the Clevite CdS thin film solar cell. 23 p3937 A67-41494
- SHIRLEY, B. H.
Free molecule aerodynamic coefficients. 22 p3743 A67-40174
- SHIRO, I.
Direct observations of the ionosphere by sounding rockets during the IQSY. 01 p0060 A67-10335
Direct observation of the ionosphere by sounding rockets during the IQSY. 07 p1186 A67-19677
Direct observations of the ionosphere by sounding rockets K-9M-15, L-3H-1 and L-3H-2. 11 p1787 A67-24643

- SHIRO, S.
Cut-off turning test on an aluminum bar. 11 p1809 A67-24945
- SHIROBOKOV, M. IA.
Effect of an internal electric field on the simultaneous diffusion of impurities in semiconductors /Vlianie vnutrennego elektricheskogo polya na odnovremennuyu diffuziyu primesei v poluprovodnikakh/. 05 p0867 A67-17051
Effect of an internal electric field on simultaneous diffusion of impurities in semiconductors. 15 p2537 A67-29782
- SHIROKOV, M. F.
Momentum and energy of gravitational waves /Ob impul'se i energii gravitatsionnykh voln/. 15 p2518 A67-30005
Momentum and energy of gravitational waves. 18 p3079 A67-33783
- SHIROKOV, O. G.
On the possibility of protracted anabiosis in microorganisms. 15 p2427 A67-29118
- SHIROKOV, V. V.
Effects of noise and signal fluctuations on angle tracking. 07 p1147 A67-20239
- SHIROKOVA, I. P.
Energy balance of a stationary induced discharge. 09 p1544 A67-21854
- SHIROTA, Y.
Stress concentration in a plate due to uniformly spaced circular holes. 05 p0918 A67-16423
- SHIRSHOV, I. U. M.
Effect of a transverse electric field on the mobility of photocurrent carriers in CdS single crystals /Vlianie poperechnogo elektricheskogo polya na podvizhnost' nositelei fototoka v monokristallakh/. 13 p2174 A67-28369
Influence of a transverse electric field on the mobility of photocarriers in CdS single crystals. 21 p3680 A67-38325
- SHIRSHOV, R. P.
Study of the composition of the atmosphere at altitudes from 80 to 100 km /Ob issledovanii sostava atmosfery v oblasti vysot 100-80 km/. 09 p1491 A67-21895
- SHIRSHOV, V. P.
Local stability of shells /O lokal'noi ustoiichivosti obolochek/. 05 p0923 A67-17186
- SHISHA, O.
On the approximation of functions of several variables. 06 p1022 A67-17566
- SHISHIANU, F. S.
Energy levels of Ag and Au in GaAs. 01 p0129 A67-10104
- SHISHKANOVA, S. F.
Solution of problems of bending of plates on an elastic base in the case of multiply connected regions /Pro rozv'iazannia zadach zginu plastin na pruzhnii osnovi u vipadku bagatozvlaznikh oblastei/. 11 p1879 A67-25053
Stressed state of a plane weakened by a hole of the Zhukovskii-profile type /O napryazhennom sostoianii ploskostei, oslablennoi otverstiem tipa profilja N.E. Zhukovskogo/. 18 p2765 A67-31053
- SHISHKHANOV, T. S.
Properties and structure of deformed and annealed molybdenum /Svoistva i struktura deformirovannogo i otzhdzhennogo molibdena/. 20 p3466 A67-36967
- SHISHKIN, I. U. B.
Variation of temperature during the first stage of an electric explosion of wires. 16 p2703 A67-31779
- SHISHKIN, N. S.
Application of the slice method to the forecasting of convective cloud cover, rain showers, and hail /Anwendung der Schichten-Methode fuer die Vorhersage der Konvektionsbewoelkung, des Regenschauers und des Hagelfalls/. 11 p1815 A67-24327
- SHISHKINA, N. V.
The UVFD-1 flaw detector for the inspection of nonmetallic laminated structures and products. 09 p1502 A67-22096
- SHISHKOV, N. V.
Microstructure of "molecular" cermets /O mikrostrukture "molekulyarnykh" kermetov/. 05 p0830 A67-17034
Microstructure of "molecular" cermets. 18 p3066 A67-34455
- SHISHKOV, P. P.
Spectrometer of a Proton-type satellite for primary high-energy cosmic-ray particles /Spektrometr chastitis pervichnogo kosmicheskogo izlucheniya vysokoi energii dlia ISZ tipa "Proton"/. 17 p2854 A67-32245
- SHISHOV, V. I.
Propagation of highly energetic solar

- protons in the interplanetary magnetic field. 07 p1243 A67-19806
- Determination of the parameters of discontinuities of the interplanetary magnetic field from the anisotropic phase of cosmic-ray flares /Ob opredelenii parametrov neodnorodnostei mezhplanetnogo magnitnogo polya po anizotropnoi stadii vspyshek kosmicheskikh luchei/. 16 p2740 A67-31891
Amplitude fluctuations in the propagation of electromagnetic waves in media with random characteristics /K voprosu o fluktuatsiakh amplitudy pri rasprostraneni elektromagnitnykh voln v sredakh so sluchaynymi kharakteristikami/. 20 p3386 A67-37521
Estimation of the magnitude of the regular interplanetary magnetic field from the anisotropic stage of cosmic-ray bursts /Ob otsenke velichiny regularnogo mezhplanetnogo magnitnogo polya po anizotropnoi stadii vspyshek kosmicheskikh luchei/. 21 p3700 A67-39030
- SHISHKHIN, I. F.
The influence of the earth on the results of polarization measurements in the vicinity of the radio horizon /Vlianie zemli na rezul'taty polarizatsionnykh izmerenii vblizi radiogorizonta/. 20 p3382 A67-36776
- SHITOV, I. U. P.
Resolving power of correlation-type arrays /Razreshal'shele sposobnosti korrellatsionnykh reshetok/. 20 p3403 A67-37509
Response of multielement correlation-type arrays to several sources /Otkliki mnogoelementnykh korrellatsionnykh reshetok na neskol'ko istochnikov/. 20 p3403 A67-37510
- SHIVA, S. G. S.
On measure of information. 02 p0203 A67-12168
- SHIVANANDAN, K.
A liquid nitrogen cooled, rocket borne, infrared telescope. 02 p0243 A67-12047
Results of the first infrared astronomical rocket flight. 08 p1397 A67-21185
- SHIVER, W. D.
Experiments on a plasma generator with a film-cooled anode. [ASME PAPER 67-HT-72] 20 p3498 A67-36752
- SHIZUME, P.
Antenna plasma interaction in a conical geometry. 23 p3973 A67-40840
- SHKHINEK, K. N.
Determination of the unloading wave in a specific case /Ob opredelenii volny razgruzki v odnom chastnom sluchae/. 10 p1721 A67-23685
Determination of the unloading wave in a particular case. 21 p3720 A67-38286
- SHKIL, N. I.
Reduction of systems of linear differential equations to the generalized L-diagonal form /Privedenie sistem lineinykh differentsial'nykh uravnenii k obobshchennomu L-diagonal'nomu vidu/. 05 p0836 A67-17487
- SHKLIAR, V. S.
Method of mass exchange simulation for thermal and hydrodynamic processes /O metode massobmennogo modelirovaniia teplovykh i gidrodinamicheskikh protsessov/. 07 p1267 A67-19328
- SHKLIARCHUK, F. N.
Stability of an elastic solid of revolution in a gas flow acted upon by a tracking force /Ustoiichivost' uprugogo tela vrashcheniia v potoke gaza pri deistvii slediashelei sily/. 03 p0520 A67-14172
Variational methods for calculating axisymmetrical oscillations of shells of revolution partially filled with a fluid /O variatsionnykh metodakh rascheta osesimmetrichnykh kolebanii obolochek vrashcheniia, chastichno zapolnennykh zhidkost'iu/. 12 p0228 A67-25633
Effect of an acoustic shock wave on an elastic cylindrical shell /O vozdeistvii udarnoi akusticheskoi volny na uprugulu tsilindricheskuiu obolochku/. 21 p3717 A67-37973
- SHKLIAREVSKII, I. N.
Dispersion of the phase jump occurring in the reflection of light from multilayer dielectric films /Dispersiia fazovogo skachka, vznikaiushchego pri otrazhenii sveta ot mnogosloinnykh dielektricheskikh pokrytii/. 03 p0467 A67-12892
Dispersion of the phase shift due to the reflection of light from multilayer dielectric

- coatings. 06 p1034 A67-18770
Study of the effect of proton bombardment on the optical constants of thin metallic layers /Izuchenie villanila protonnoi bombardirovki na opticheskie postolnnyye tonkikh metallichesikh sloev/. 14 p2373 A67-28855
- SHKLIARUK, L. I.**
Investigation of the influence of "frozen" vacancies on the microhardness and electrical resistance of ferrites /Issledovanie villanila "zamorozhennykh" vakansil na mikroverdst' i elektrosoprotivleniye ferritov/. 18 p3097 A67-33480
- SHKLOVER, L. P.**
Modulation of the Q-factor of a ruby laser with the aid of saturating filters based on phthalocyanine solutions /Modulatsiya dobrotnosti rubinovogo lazera s pomoshch'yu nasyshalushchikhslia fil'trov na osnove rastvorov ftalotsianinov/. 02 p0252 A67-12423
- SHKLOVSKII, B. I.**
Theory of second sound in semiconductors /K teorii vtorgo zvuka v poluprovodnikakh/. 03 p0490 A67-13152
Theory of the second sound in semiconductors. 10 p1690 A67-23101
- SHKLOVSKII, I. S.**
On the nature of the source of X-ray emission of Sco XR-1. 13 p2189 A67-26262
Possibility of a maser effect in interstellar-hydrogen clouds in the galactic corona /Vozmozhnost' mazenogo efekta na oblakhakh mezhzvezdnogo vodoroda v galakticheskoi korone/. 15 p2551 A67-29139
The nature of the X radiation of radio galaxies. 18 p3118 A67-33855
Possible maser effect in clouds of interstellar hydrogen in the galactic corona. 24 p4239 A67-43062
- SHKODA, V. V.**
Formation of short plasmoids /Poluchenie korotkikh plazmennikh sgustkov/. 15 p2526 A67-29259
Thomson mass spectroscopy for studying plasmoids /Mass-spektroskop Tomsona dlia izuchenia plazmennikh sgustkov/. 15 p2486 A67-29260
- SHKUNOV, N. V.**
Observation of generation at the sum frequency in electro-optic nonlinear crystals. 06 p1009 A67-17754
- SHKUTIN, L. I.**
A representation of equations of the nonlinear theory of elastic shells /Ob odnom predstavlenii uravnenii nelinelnoi teorii uprugikh obolochek/. 12 p2028 A67-25634
Determination of the critical pressure for shallow conical shells /Opredeleniye kriticheskoi velichiny davleniya dlia pologikh konicheskikh obolochek/. 12 p2028 A67-25635
- SHLAZHA, I. U.**
Asymptotic properties of the macroparameters of a hypersonic gas flow near the front edge of a plate /Asimptotika makroparametrov gaza pri giperzvukovom techenii okolo noska plastinki/. 24 p4142 A67-42272
- SHLIMAK, I. S.**
Effect of single-axis compression on the radiative impurity recombination in germanium /Villanie odnoosnogo szhatiya na mezhprimesnulu izluchatel'nulu rekombinatsiyu v germanii/. 15 p2537 A67-29705
Influence of uniaxial compression on the interimpurity radiative recombination in germanium. 24 p4199 A67-41775
- SHLIUKO, V. I. A.**
Investigation of conditions for the preparation of alloys in the YB sub 6 -LaB sub 6 system /Issledovanie uslovi poluchenila splavov v sisteme YB sub 6 -LaB sub 6/. 01 p0138 A67-11244
- SHLOMIN, V. I.**
Probability of target detection by a back-up system for an automatic rangefinder in the case of an automatic target-search /Veroliatnost' zakhvata tseli slediaschel sistemoi avtodal'nomera pri avtomaticheskoi poiske tseli/. 05 p0787 A67-17473
- SHMAILO, N. V.**
Method for investigating the reliability of complex logic-control systems by a statistical-analog technique /Ob odnom sposobe issledovaniya nadezhnosti slozhnykh sistem logicheskogo upravleniya metodom statisticheskogo modelirovaniya/. 23 p3985 A67-41670
- SHMARTSEV, I. V.**
Optical and magneto-optical effects in CdSnAs sub 2. 01 p0128 A67-10094
Preparation and certain properties of the semiconductor compound CdSnAs sub 2 /Poluchenie i nekotorye svoystva poluprovodnikovogo soedinenila CdSnAs sub 2/. 06 p1048 A67-17840
Investigation of the dependence of the Hall coefficient on the magnetic-field induction in p-type CdSnAs sub 2 /Issledovanie zavisimosti koeffitsienta Kholla ot induktii magnitnogo polia v CdSnAs sub 2 p-tipa/. 15 p2543 A67-30253
Production of the semiconducting compound CdSnAs sub 2 and some of its properties. 17 p2922 A67-33218
- SHMATKO, E. S.**
Measurement of coherent radio emission of extensive air showers of cosmic rays /Izmerenie kogerentnogo radioizlucheniia shirokikh atmosfernykh livnei kosmicheskikh luchei/. 02 p0318 A67-12783
Measurement of the coherent radio-frequency radiation of extensive air showers. 22 p3878 A67-40285
- SHMELEV, I. U. K.**
Mercury flow in a duct in a transverse magnetic field /Tehenie rtuti v lotke v poperechnom magnitnom pole/. 01 p0120 A67-10179
- SHMELEVA, A. P.**
Cross section of inelastic interaction between neutrons and carbon nuclei at energies of 100 GeV /Secheniye neuprugogo vzaimodelstvia neitronov s ladrami ugleroda pri energii 100 GeV/. 24 p4219 A67-42848
- SHMETER, S. M.**
Interaction of cumulonimbus clouds with the wind field /Vzaimodelstvie kuchevozodzhdevykh oblakov s polem vetra/. 03 p0463 A67-14224
Interaction between cumulonimbus clouds and the wind field. 12 p1963 A67-25480
- SHMIDT, I. A.**
Testing of a stereocomparator /Issledovanie stekometra/. 03 p0419 A67-13263
- SHMIDT, R. K.**
Calculation of flow velocity on an analog computer /Raschet skorosti potoka na setochnoi modeli/. 20 p3424 A67-37302
- SHMIGLIUK, M. I.**
Effect of Coulomb long-range interaction on the linear Zeeman effect for dipole-active excitons in cubic crystals /O villanii Kulonovskogo dal'nodelstvia na lnelnyi effekt Zeemana u dipol'no-aktivnykh eksitonov v kubicheskikh kristallakh/. 13 p2173 A67-26365
- SHMOYS, J.**
Diffraction by a cylinder in a locally uniaxial medium with azimuthal optic axis. 20 p3389 A67-37705
- SHMULOVICH, E. G.**
Method of reducing the response of a directional gyro to random disturbances /Ob odnom metode umen'sheniya reaktsil giroskopa napravleniya na sluchainye vozmushcheniya/. 03 p0425 A67-14285
Effect of random friction on the accuracy of gyroinstruments /Villanie sluchainogo kharaktera trenila na tochnost' giroskopicheskikh priborov/. 11 p1794 A67-25044
- SHMULEV, I. I.**
Periodic solutions of the self-simulating equation of motion of a viscous fluid /Periodicheskie resheniya model'nogo uravneniya dvizheniya vliakoi zhidskosti/. 17 p2838 A67-32681
- SHMULEVICH, R. S.**
Effect of micrononhomogeneity on the superconducting characteristics of the alloy Nb-Zr-Ta. 10 p1689 A67-23089
- SHMULEVICH, S. A.**
Results of measurements of the radio emission of the moon at the wavelengths 7.93, 11.0, 14.2, and 20.8 cm /Rezultaty izmerenii radioizlucheniia luny na volnakh 7.93, 11.0, 14.2 i 20.8 cm/. 02 p0322 A67-11581
Measurement of the Q-factor of microwave resonators and of small variations in the Q-factor /Izmerenie velichiny i malyykh izmenenii dobrotnosti s.v.ch. rezonatorov/. 19 p3191 A67-34982
- SHMYGLEVSKII, I. U. D.**
Increase in nozzle thrust by flow rotation /Uvelicheniye tiagi sopla vrashcheniem potoka/. 10 p1590 A67-23027
- SHNEER, V. S.**
Lunar periodic variation of the magnetic field on Khels island /Lunnoperiodicheskaya variatsiya magnitnogo polia na O. Khelsa/. 14 p2309 A67-27938
- SHNEERSON, G. A.**
Heating, by laser radiation, of a plasma situated in a strong magnetic field /O nagreve izlucheniem lazera plazmy, nakhodiaschelsia v sil'nom magnitnom pole/. 18 p3060 A67-34041
- SHNEIDER, A. D.**
Recombination processes in ZnTe-Al single crystals /Rekombinatsionni protsessi v monokristalakh ZnTe-Al/. 02 p0300 A67-12478
- SHNEIDEROVICH, R. M.**
Deformations and rupture criteria under low-cycles fatigue. 03 p0531 A67-14361
- SHNELLER, I.**
General solution of three-component heat-transfer systems and some of their properties /Obshchee resheniye trekhkomponentnykh teploobmennyykh sistem i nekotorye ikh svoystva/. 17 p2973 A67-33078
- SHNERENKO, K. I.**
Stress distribution at reinforced curvilinear holes in a spherical shell /Raspredeleniye napriazhenii s sfericheskoi obolochke vokrug podkreplennykh krivolineynykh otserstii/. 05 p0922 A67-17178
Investigation of the finite systems of equations for multiply connected regions in shells /Issledovanie beskonechnykh sistem uravnenii dlia konechnykh mnogosviaznykh oblastei v obolochkakh/. 12 p2024 A67-25600
- SHNEYDOR, N.**
Divergence range in a proportional-navigation homing system. 11 p1817 A67-24226
- SHNYREV, G. D.**
A precise polarimeter and its application to study of changes of the rotation of the polarization plane of light and the rotational electrooptic effect in ferroelectrics. 21 p3631 A67-39869
- SHOBERT, E. I., II**
Recent advances in sliding contacts including space applications. 02 p0221 A67-12435
- SHOCKEY, J. S.**
Capabilities of engine testing at WSTF. 24 p4138 A67-42031
- SHOCKLEY, E. J.**
C-141A development test program. [AIAA PAPER 67-409] 15 p2422 A67-30376
- SHOCKLEY, T. D., JR.**
Electromagnetic characteristics of a bounded plasma slab. 01 p0022 A67-10443
- SHOCKLEY, W.**
Lattice vibration spectra of GaAs sub x P sub 1 sub -x single crystals. 03 p0495 A67-13514
- SHOEMAKER, E. M.**
Interpretation of the small craters of the moon's surface revealed by Ranger VII. 05 p0901 A67-17084
A complementary linear theory of plasticity for plane strain. 10 p1716 A67-22933
- SHOEMAKER, L.**
Hazardous weather information for air traffic control. 04 p0650 A67-14688
- SHOEMAKER, L. E.**
Provision and use of alphanumeric display of primary and secondary radar tracking data in expanding air traffic control system capacity. 04 p0654 A67-15061
- SHOENBERGER, R. W.**
Effects of frequency of vibration on human performance. 02 p0189 A67-12632
- SHOFNER, F. M.**
Transients in plasma lasers operating at lambda sub 0 equals 0.6328 micrometer. 13 p2128 A67-27088
Pulse generator for studying transients in plasma lasers. 20 p3445 A67-36530
- SHOHET, H. N.**
CH-54A engine inlet air particle separator. [AHS PAPER 117] 16 p2737 A67-31833
- SHOHET, J. L.**
Measurement of the anisotropic energy distribution of electrons in an electron cyclotron resonance plasma. 18 p3093 A67-34756
- SHOJI, M.**
Small-signal impedance of bulk semiconductor amplifier having a nonuniform doping profile. 21 p3588 A67-37818
- SHOLIN, G. V.**
Disintegration of the front of direct magnetoacoustic shock waves in a rarefied plasma at high Mach numbers /Razrusheniye fronta priamykh magnitnozvukovykh udarnykh voln v razrezhennoi plazme pri

- bol'shikh chislakh 16 p2714 A67-31039
Makha/.
An ionizing shock wave in a rarefied plasma /Ionizatsionnaya udarnaya volna v razrezhennoi plazme/. 19 p3293 A67-35402
- SHOLOKHOVA, E. D.**
Stratospheric balloon measurements of the brightness of a cloudless day sky in the region from 1 to 6 mu /Stratosfatnye izmereniya larkosti dnevnogo bezoblachnogo neba v oblasti 1-6 mkm/. 14 p2313 A67-28768
- SHOLOMITSKII, G. B.**
Large base-line radio interferometers. 02 p0213 A67-11635
Variation of the positional angle of the polarization plane of radiosources with time. 08 p1388 A67-20987
- SHOLOMOVICH, G. I.**
Effect of tunnel walls on the minimum cavitation number in axisymmetric cavitation flow around solids /O vliyanii stenok na minimal'noe chislo kavitatsii pri osesimmetrichnom kavitatsionnom obtekanii tel v trube/. 02 p0232 A67-11631
- SHOMBER, H. A.**
Longitudinal handling qualities criteria - An evaluation. [AIAA PAPER 65-780] 17 p2797 A67-32584
- SHOMODI, A.**
A method for determining the height of muon generation in extensive air showers /Metod opredeleniya vysoty generatsii mionov v shirokikh atmosferykh livniakh/. 24 p4220 A67-42863
- SHOOK, G. B.**
Satellite measurements of precipitating protons in the auroral zone. 07 p1245 A67-19930
Channel multiplier instrumentation for the measurement of low-energy auroral particles. 12 p1944 A67-25855
- SHOUMAN, M. L.**
Reliability computations for systems with dependent failures. 01 p0085 A67-11383
- SHOPEN, V. I.**
Evaluation of the properties of epitaxial silicon layers strongly alloyed with phosphorus /Otsenka svoystv epitaksial'nykh sloev kremniya, sil'no legirovannykh fosforom/. 21 p3681 A67-38362
- SHOR, V. A.**
Observations of minor planets at the Crimean astrophysical observatory /third report/ /Nabliudeniya mal'nykh planet v krymskoi astrofizicheskoi observatorii /soobschenie trete//. 20 p3522 A67-36620
- SHORACK, R. A.**
Distribution-free detection in radar with multiple resolution elements. 15 p2436 A67-29933
- SHORE, B.**
Holography - Recording light in three dimensions. 10 p1655 A67-23072
Holography - Recording light in three dimensions. 10 p1657 A67-23623
- SHORE, B. W.**
Sunspots, magnetic fields and the structure of the solar atmosphere. [AFRL-66-679] 13 p2204 A67-27435
Scattering theory of absorption-line profiles and refractivity. 14 p2351 A67-28811
Analysis of absorption profiles of autotuning lines. 18 p3082 A67-33878
Magnetic fields and small-scale structure of the solar atmosphere. [SR-15] 24 p4222 A67-41767
- SHORENSTEIN, D.**
Significant differences /both qualitative and quantitative/ in microbial levels in closed environments. 23 p3957 A67-41642
Unusual aspects of indigenous microflora as determined in men undergoing simulated space conditions. 23 p3958 A67-41656
- SHORENSTEIN, D. J.**
Personal hygiene and sanitation for manned space systems. 23 p3967 A67-41611
- SHORIN, V. P.**
Use of directed graphs in calculating forced pressure oscillations in hydraulic systems of flight vehicles and engines /Primenenie napravlennykh grafov k raschetu vynuzhdennykh kolebaniy davleniya v gidravlicheskikh sistemakh letatel'nykh apparatov i dvigatelei/. 04 p0557 A67-15886
Computation of the frequency characteristics of hydraulic main line sections having continuously varying parameters along the length /O raschete chastotnykh kharakteristik uchoastkov gidravlicheskikh magistralей s parametrami, nepreryvno izmenialushchimisya po dlinae/. 20 p3363 A67-38444
- SHOROSHEV, I. U. G.**
Study of the hyperacoustic properties of fluids with the aid of a helium-neon laser /Issledovanie giperakusticheskikh svoystv zhidkostei s pomoshch'yu gellineonovogo lazera/. 12 p1953 A67-25446
Investigation of the hyperacoustic properties of liquids by means of a helium-neon laser. 21 p3642 A67-38820
- SHORR, B. F.**
Foundations of the theory of twisted blades with rectilinear axes /Osnovy teorii zakruchennykh lopatok s nepriamoi os'yu/. 03 p0528 A67-14080
Periodic processes and adaptability during creep /Periodicheskie protsessy i prisooblaemost' pri polzuchestvi/. 19 p3338 A67-34885
- SHORSHOROV, M. KH.**
Phase transformations and welding characteristics of alpha and /alpha plus beta/ titanium alloys /Fazovye prevrashcheniya i kharakteristiki svarivaemosti alpha- i /alpha plus beta- spлавov titana/. 07 p1207 A67-19292
Delayed fracture of titanium alloys /Zaderzhannoe razrushenie spлавov titana/. 07 p1207 A67-19293
Rational regimes for machining and heat treatment of the VT15 titanium alloy and its welds /Ratsional'nye rezhimy mekhaniko-termicheskoi obrabotki titanovogo spлыва VT15 i ego svarnykh soedinenii/. 07 p1208 A67-19294
- SHORT, J. M.**
Rapid methods of determining cooling rates of iron and stony iron meteorites. 11 p1868 A67-24872
Cooling rates of 27 iron and stony-iron meteorites. 16 p2750 A67-31453
The iron meteorites, their thermal history and parent bodies. 24 p4234 A67-42627
- SHORT, L. L.**
X-radiation effects on vibration tolerance of rats. 09 p1452 A67-21719
- SHORT, N. M.**
A review of shock processes pertinent to fragmentation and lithification of the lunar terrain. 23 p4064 A67-40948
- SHORT, R. A.**
3-KW concentric tubular resistojet performance. [AIAA PAPER 66-224] 02 p0302 A67-11937
New studies of the band structure of the diamond-type crystals. [AFRL-67-0382] 06 p1058 A67-18902
Ten-millipound resistojet performance. [AIAA PAPER 67-664] 21 p3690 A67-38699
- SHORTILL, R. W.**
Infrared and visible images of the eclipsed moon of December 19, 1964. 04 p0697 A67-14741
Recent results of lunar eclipse measurements showing hot spots. 08 p1392 A67-21086
Directional characteristics of the lunar thermal emission. [AIAA PAPER 67-291] 12 p2009 A67-26008
- SHOSHEVA, A.**
Current oscillations in CdS single crystals generated by elastic bending waves /Kolebaniya toka v monokristallakh CdS, porozhdennye uprugimi volnami izgiba/. 20 p3514 A67-37463
- SHOTOV, A. P.**
Spontaneous and coherent radiation of electron-hole plasma in indium antimonide. 01 p0087 A67-10088
The pinch effect in the degenerate plasma of indium antimonide. 06 p1049 A67-17879
Generation of coherent radiation in electron-hole plasmas in indium antimonide. 08 p1387 A67-20418
Recombination radiation of heavily doped germanium /Rekombinatsionnoe izluchenie sil'no legirovannogo germaniya/. 14 p2368 A67-28533
Pinch effect in a degenerate plasma in longitudinal and transverse magnetic fields. 21 p3666 A67-38369
Recombination radiation of heavily doped germanium. 23 p4040 A67-40940
- SHOWMAN, R. D.**
Attitude stabilization of satellites with gimbaled star trackers. 22 p3830 A67-39170
Simplified processing of star tracker commands for satellite attitude control. 24 p4154 A67-42175
- SHPAK, M. T.**
Effect of internal modes on ruby laser performance /Vpliv vnutrishnikh mod na robotu optichnogo kvantovogo generatora na rubini/. 13 p2125 A67-26398
Effect of the optical inhomogeneities of an active substance on the radiation-field structure of a ruby laser /Pro vpliv optichnikh neodnorodnostei aktivnoi rechovin na strukturu polya viprominluyannoi optichnogo kvantovogo generatora na rubini/. 24 p4166 A67-42070
- SHPAKOV, V. N.**
Investigations of new crystals for Q-switched lasers. 21 p3682 A67-38370
- SHPAKOVSKII, V. V.**
Some aspects of studying the plastic deformation of a metal during cutting /Nekotorye voprosy, svyazannye s izucheniem plasticheskogo deformirovaniya metalla pri rezanii/. 21 p3637 A67-38923
- SHPETNAIA, A. A.**
Stability of the austenite in some Fe-Cr-Ni alloys under low-temperature strain /Stabil'nost' austenita v nekotorykh Fe-Cr-Ni-spлавakh pri nizkoterperaturnoi deformatsii/. 04 p0636 A67-14753
Stability of austenite in some Fe-Cr-Ni alloys in deformation at low temperatures. 18 p3066 A67-34411
- SHPICHINETSII, E. S.**
Peculiarities in the plastic deformation of indium and its alloys /Osobennosti plasticheskoi deformatsii indiya i ego spлавov/. 02 p0255 A67-11869
- SHPIGEL, I. S.**
Effect of a strong magnetic field on the performance of a titanium plasma source /Vlianie sil'nogo magnitnogo polya na rabotu titanovogo istochnika plazmy/. 02 p0278 A67-12622
Investigation of a conical induction plasma source. 04 p0668 A67-15280
Effect of a strong magnetic field on the operation of a titanium plasma source. 13 p2170 A67-27378
Nonlinear effects during the operation of a titanium plasma source /Nelineinye iavleniya pri rabote titanovogo istochnika plazmy/. 15 p2529 A67-29719
Injection of a plasma into a closed magnetic trap with a double-helix field /Inzhektirovaniya plazmy v zamknutuyu magnitnuyu lovushku s dvukhzhakodnym vintovym polem/. 17 p2903 A67-32910
Toroidal stellarator-type magnetic trap with external plasma injection /Toroidal'naya magnitnaya lovushka stellaratornogo tipa s vneshnei inzhektisiei plazmy/. 17 p2904 A67-32911
Study of a titanium plasma source. II /Issledovanie titanovogo istochnika plazmy. II/. 17 p2904 A67-32913
Magnetic cut-off system for a plasma jet. 20 p3497 A67-36679
- SHPILEVSKII, E. K.**
Repetitive analog computer for use in statistical problems /Analogovaya mashina s periodizatsiei resheniya primenitel'no k statisticheskim zadacham/. 08 p1299 A67-21198
Repetitive analog computer for statistical problems. 22 p3764 A67-39865
- SHPIILRAIN, E. E.**
Thermodynamics of a two-component liquid-metal MHD power plant with an injector /Termodinamika dvukhkomponentnoi zhidkometallicheskoi energeticheskoi MGD ustanovki s inzhektorom/. 16 p2607 A67-30591
- SHPIRT, V. A.**
Properties of p-n junctions acted upon by a sinusoidal voltage of arbitrary amplitude - Small injection level /Svoystva p-n-perekhodov pri del'stvii sinusoidal'nogo napriazheniya proizvol'noi amplitudy - Maliy uroven' inzhektisii/. 05 p0865 A67-16910
The properties of p-n junctions under the influence of a sinusoidal voltage of arbitrary amplitude /low injection level/. 16 p2727 A67-30887
- SHPITSBERG, A. L.**
Properties of alloyed Ni-Be alloys. 15 p2504 A67-29974
- SHRAIBER, A. A.**
Approximate method for estimating the maximum heating temperature of the smallest fraction of a polydisperse material in a vertical two-phase flow /Priblizhennyy metod otsenki maksimal'noi temperatury nagreva naibolee melkoi fraktsii polydispersnogo materiala v vertikal'nom dvukhfaznom potoke/. 17 p2970 A67-32462

- SHRAMKO, I. U. P.**
Theoretical basis for measuring the temperature conductivity of heat resistant rods of square cross section during free cooling /Teoreticheskie osnovy izmereniya temperaturoprovodnosti zharostolikh materialov v rezhime svobodnogo okhlazhdeniya kvadratnykh sterzhei/. 11 p1789 A67-24021
- SHREEVE, R. P.**
New techniques for obtaining kinetic data with shock-induced combustion. [AIAA PAPER 67-105] 06 p1114 A67-18284
Wind-tunnel measurements of ignition delay using shock-induced combustion. [AIAA PAPER 67-162] 21 p3732 A67-38858
- SHRESTHA, G. M.**
Singular perturbation problems of laminar flow in a uniformly porous channel in the presence of a transverse magnetic field. 17 p2910 A67-33352
- SHRESTHA, K. L.**
Observation of infrasonic waves in the F-region of the ionosphere. 06 p0995 A67-17974
- SHRIER, A.**
Dislocation substructure and extension of fatigue life in metal crystals. 06 p1013 A67-17798
- SHROYER, G. J.**
Automatic star trackers for aircraft navigation. 04 p0655 A67-15661
- SHRTHILL, R. W.**
Review of lunar infrared observations. [AAS PAPER 66-184] 08 p1387 A67-20959
- SHTAL, V. A.**
Problems of aeronautical meteorology /Problemy aviatsionnoi meteorologii/. 18 p3074 A67-33676
- SHTATLAND, E. S.**
Asymptotic behavior of the distribution of the maximum for a certain class of processes with independent increments /Asimptotika raspredeleniya maksimuma dlya nekotorogo klassa protsessov s nezavisimymi prirashcheniyami/. 03 p0458 A67-13340
- SHTEN, I. U. N.**
Measurement of the rate of rotation of mechanisms with a photoelectric sensor /Izmerenie skorosti vrashcheniya mekhanizmov fotoelektricheskim datchikom/. 22 p3796 A67-39341
- SHTEN, S. G.**
Temperature dependence of the mechanical properties of the ordered solid solution Ni sub 3 Mn. II. 20 p3467 A67-37118
- SHTENBERG, A. S.**
Theorem of convex polyhedrons in conjunction with the problem of obtaining a set of solutions for a system of linear equations /Ob odnoi teoreme o vypuklykh mnogogrannikakh v svyazi s voprosom nakhozheniya sovokupnosti reshenii sistemy lineinykh neravenstv/. 11 p1814 A67-24979
- SHTENBERG, M. M.**
Effect of alloying elements on the properties of the austenite of chromium-nickel steels /Vliyanie legirulushchikh elementov na svoystva austenita khromonikelyevykh stale/. 13 p2142 A67-27285
- SHTENSHLEIGER, V. B.**
A solid-state maser operating with a microrefrigerator at a temperature of 40 deg K. 11 p1800 A67-24467
Quantum radio-wave amplifiers and their application /Kvantovye usiliteli radiovoln i ikh primeneniye/. 16 p2623 A67-31024
Ruby maser operating in the 8 mm range. 24 p4167 A67-42238
- SHTEMENKO, L. S.**
Gas flow near a diaphragm in a shock tube /Tekhenie gaza vblizi diafragmy v udarnoi trube/. 10 p1626 A67-23407
- SHTIPA, T. D.**
Intermediate phases in titanium iridium and titanium rhodium alloys /O promezhutochnykh fazakh v splavakh titana s iridiem i rodiiem/. 07 p1204 A67-19263
Intermediate phases in alloys of titanium with iridium, rhodium, and osmium. 13 p2131 A67-26472
- SHTERENLIKHT, D. V.**
Aerodynamic characteristics of rough cylinders /Aerodinamicheskie kharakteristiki sherokhovatykh tsilindrov/. 07 p1126 A67-19323
- SHTERK, M. D.**
Compound transistors /Sostavnye tranzistory/. 01 p0038 A67-10828
Analysis of the static regime of a switching circuit using a combination of a tunnel diode and a common-base transistor /Analiz staticheskogo rezhima pereklyuchalushchei skhemy na kombinatsii tunnel'nykh diod-tranzistor s obshchey bazoi /OB//. 05 p0772 A67-16452
Composite transistors. 10 p1613 A67-23459
- SHTERN, A. G.**
Development of magnetohydrodynamic boundary layer on an accelerated body /Razvitiye magnitogidrodinamicheskogo pogranichnogo sloia na uskorenno dvizhushchemsia tele/. 01 p0121 A67-10190
Flow of an electrically conducting fluid past a flat plate in a transverse magnetic field /Obtekanie ploskoi plastyiny elektroprovodnykh zhidkost'iu v poperechnom magnitnom pole/. 06 p1043 A67-18677
Resistance of poorly streamlined bodies at large Stuart numbers /Soprotivleniye plokhkh obtekaemykh tel pri bol'shikh chislakh Stiuarta/. 06 p1045 A67-18692
Possibility of increasing the flow stability in a boundary layer with the aid of crossed electric and magnetic fields /O vozmozhnosti povysheniya ustoychivosti tekheniya v pogranichnom sloe s pomoshch'yu skreshchennykh elektricheskogo i magnitnogo polei/. 21 p3666 A67-38251
- SHTERN, G. P.**
Fast helium nuclei in nuclear splittings /Bystrye ladra gellia v ladernykh rasshchepleniyakh/. 24 p4193 A67-42860
- SHTERNBERG, A. A.**
Crystallization of ruby under hydrothermal conditions. 21 p3685 A67-38971
- SHTIVELMAN, K. I. A.**
Electron mobility in p-type InSb. 01 p0129 A67-10098
Splitting of the ground state of double acceptors in semiconductors /O rasshcheplenii osnovnogo sostoianiya dvoynykh akseptorov v poluprovodnikakh/. 18 p3099 A67-33699
- SHTOLTS, A. K.**
Phase diagram of the system chromium-germanium. 16 p2691 A67-31592
- SHTRICKER, J.**
A simple method for measuring electron density in a plasma. 03 p0478 A67-13578
Evidence for re-reflected shock waves from convergent cylindrical channels. 22 p3783 A67-39720
- SHTURBIN, A. V.**
Effect of a strong electrical field on the Faraday effect in indium antimonide /Vliyanie sil'nogo elektricheskogo polia na effekt Faradaya v sur'mianistom indii/. 10 p1695 A67-23663
Influence of a strong electric field on the Faraday effect in indium antimonide. 17 p2924 A67-33344
- SHTYRKOV, E. I.**
Characteristics of pulsed laser action in helium-neon and helium-argon mixtures. 03 p0438 A67-14189
Stimulated emission in the negative-luminescence region of a glow discharge /Stimulirovannoe izlucheniye v oblasti otritsatel'nogo svecheniya teliushchego razrada/. 09 p1512 A67-21925
The use of holography to study the temperature distribution field of a flame. 16 p2672 A67-31066
- SHU, H.-D.**
Heat treatment of indium antimonide. 05 p0862 A67-16507
- SHU, L. S.**
On anisotropic linear viscoelastic solids. 08 p1419 A67-20880
- SHUBARIN, I. U. V.**
Method of measuring the amplification factor of circular-polarization antennas /Metod izmereniya koeffitsienta usileniya antenn krugovoi polarizatsii/. 02 p0209 A67-11505
Dependence of the polarization pattern on the amplitude-phase distribution of the field in the aperture of a microwave antenna. 02 p0214 A67-11905
Adjustment of circular-polarization antennas. 05 p0766 A67-17239
Waveguide-slot emitter with controlled polarization /Volnovodno-shchelevoi izluchatel's upravlyаемoi polarizatsiei/. 07 p1153 A67-19598
Method of measuring the gain of circular polarization antennas. 14 p2283 A67-28069
Investigation of the effect of external mutual coupling of waveguide-slot emitters /Issledovanie effektiv vnesnogo vzaimnogo vliyaniya volnovodnoshchelevykh izluchatelei/. 17 p2826 A67-32683
Waveguide-slotted radiator with controlled polarization. 20 p3401 A67-37337
- SHUBIN, A. P.**
Certain properties of conducting-gas flows in a magnetic field /Nekotorye svoystva tekhenii provodnykh gazov v magnitnom pole/. 17 p2898 A67-32185
- SHUBIN, I. U. V.**
Investigation into plastic behaviour of zone refined and prestrained Be single crystals. 13 p2137 A67-27111
Effect of programmed ageing on the ductility of beryllium single crystals. 19 p3245 A67-35470
- SHUBINA, E. N.**
Approximate analysis of nonlinear equations of a TWT with allowance for relativistic effects. 05 p0776 A67-17164
- SHUBOVA, G. L.**
Study of the internal variability of the atmospheric aerosol /Issledovanie vnutrimassovoi izmenchivosti atmosfernogo aerozolia/. 18 p3073 A67-33562
- SHUGAEV, F. V.**
Supersonic gas flow past blunt bodies - Theoretical and experimental studies /Obtekanie zatuplennykh tel sverkhzvukovym potokom gaza - Teoreticheskoe i eksperimental'noe issledovanie/. 03 p0349 A67-12851
Supersonic rotational flow past blunt bodies with convex corner /Sverkhzvukovoe obtekanie zatuplennykh tel vrashcheniya s izlomom obrazulushchei/. 03 p0349 A67-12862
- SHUISKAIA, F. K.**
Investigation of corpuscles on the Electron 1 and Electron 3 satellites - Preliminary results. 12 p1996 A67-25804
New data on electric fields in the magnetosphere. 12 p1936 A67-25808
Some problems of physical measurements in space. 16 p2670 A67-30648
Relative populations of the upper oscillation levels of the 2PGN sub 2 bands in auroras at various latitudes /Otnositel'nye naselenosti verkhnykh kolebatel'nykh urovnei polos 2PGN sub 2 v poliarnykh silaniakh na raznykh shirotakh/. 17 p2849 A67-32963
Observation of the aurora of February 11, 1958 at the Roshchino station /Nabludenie poliarnogo silaniya 11 Fevrala 1958 g. na st. Roshchino/. 17 p2849 A67-32964
- SHUKAIO, V. F.**
The distribution of maxima of nonstationary random processes. 03 p0461 A67-13948
- SHUKAY, T. R.**
Power and weight requirements for ion engine systems applied to specific satellite control missions. [AIAA PAPER 66-498] 02 p0302 A67-11515
Power and weight requirements for ion engine systems as functions of mission requirements. [AIAA PAPER 66-498] 13 p2188 A67-26825
- SHUKEY, T. R.**
High altitude, high voltage breakdown in an electric propulsion flight test system. 04 p0704 A67-14997
- SHUKLA, J. B.**
The magnetorheostatic bearing and magnetorheodynamic squeeze film. [ASME PAPER 67-LUBS-4] 16 p2682 A67-31382
- SHUKUROV, I.**
Silicon devices with negative resistance /K voprosu o kremniyevykh priborakh s otritsatel'nym soprotivleniem/. 11 p1768 A67-24859
- SHULENOK, P. F.**
Titanium surface alloying in aluminum melts /Poverkhnostnoe legirovaniye titana v rasplavakh aluminia/. 05 p0828 A67-16328
Calorizing and aluminosiliciding of titanium in molten solutions. 12 p1955 A67-25360
- SHULEPOV, I. U. V.**
Propagation of a turbulent heated vertical stream in fog /Rasprostraneniye vertikal'noi turbulentnoi nagretol strui v tumane/. 03 p0463 A67-14225
The propagation of a heated vertical turbulent jet in fog. 12 p1963 A67-25481
- SHULER, K. E.**
On the evaluation of rate coefficients from limited cross-section data. 23 p4030 A67-41530
- SHULER, W. B.**
A measurement of the lifetime of the 14.4

- kev level of super 57 Fe. 03 p0471 A67-13225
SHULER, W. T.
 Large cargo airplane structural considerations. 01 p0010 A67-10576
 [SAE PAPER 660669] A study in structures. 07 p1131 A67-20232
 [SAE PAPER 660669]
SHULGA, M. O.
 Stress concentration near a curvilinear hole in a shallow spherical shell /Kontsentratsiya napruzhen' bilia krivolininogo otvora v poglobl sferichnii obolotki/. 21 p3716 A67-37906
SHULGA, N. A.
 Investigation of a stressed state around curvilinear holes in shells with a nonlinear law of elasticity /Issledovanie napriazhennogo sostoiannya okolo krivolinnykh otverstii v obolochkakh pri nelineinom zakone uprugosti/. 01 p0158 A67-10218
 Bending of thin, physically nonlinear plates /Izgi b tonkikh fizicheskii nelineinykh plit/. 06 p1108 A67-18661
 Dynamic two-dimensional problem of the moment theory of elasticity and viscoelasticity /Dinamicheskaya ploskaya zadacha momentnoi teorii uprugosti i viazkouprugosti/. 11 p1879 A67-24883
 Dynamical plane problem of the instantaneous theory of elasticity /Dinamicheskaya ploskaya zadacha momentnoi teorii uprugosti/. 21 p3720 A67-38294
SHULGA, V. F.
 A large-base phase meter /Fazometr s bol'shoi bazoi/. 07 p1186 A67-19587
 Phasemeter with a long base. 20 p3452 A67-37324
SHULGIN, A. M.
 Integral invariants for bodies and systems of variable mass /Ob integral'nykh invariantakh dlia tel i sistem peremennoi massy/. 15 p2517 A67-29464
SHULIKA, N. G.
 Structure of plasmoids /Struktura plazmennyykh sgustkov/. 15 p2526 A67-29256
 Active corpuscular plasma diagnostics /Aktivnaya korpuskuliarnaya diagnostika plazmy/. 15 p2526 A67-29257
 Application of a variable-field Thomson mass spectrograph to the time resolution of spectra /Ispol'zovanie peremennogo elektricheskogo polia v masspektrografe Tomsona dlia razresheniya spektrov vo vremeni/. 15 p2526 A67-29258
 Structure of plasmoids /Struktura plazmennyykh sgustkov/. 19 p3288 A67-35362
SHULISHNINA, N. P.
 Supersonic gas flows past blunt cones with radiation taken into account /Obtekanie zatuplennykh konusov sverkhzvukovym potokom gaza s uchedom izlucheniya/. 21 p3564 A67-38424
SHULMAN, S. G.
 Obtaining a falling voltage-current characteristic in semiconductors in crossed electric and magnetic fields by short circuiting the transverse Hall field. 15 p2534 A67-29359
SHULMAN, Y.
 Wave interaction of a viscoelastic medium with an elastic cylindrical shell. 08 p1415 A67-20486
 Second-order solution to the elliptical rendezvous problem. 12 p2012 A67-25931
 A generalized dynamical theory of thermoelasticity. 24 p4252 A67-41955
SHULMAN, Z. P.
 The boundary layer of non-Newtonian fluids /Pogranichnyi sloi nen'yutonovskikh zhidkostei/. 20 p3424 A67-37546
SHULPINA, I. L.
 X-ray diffraction investigation of defects generated in silicon during deep diffusion of phosphorus. 23 p4042 A67-41295
 Images of linear defects obtained from the anomalous passage of X-rays /Pro zobrazeniia liniinykh defektov v metodi anomal'nogo prokhodzeniia rentgeniv'skikh promeni/. 24 p4202 A67-42072
SHULZHENKO, E. B.
 Nervous reflex mechanisms of hemodynamic shift control during rapidly and slowly increasing acceleration /Nervnorefleksionnye mekhanizmy regulatsii gemodinamicheskikh sdvigo pri bystrom i medlennom narastanii uskorenii/. 13 p2058 A67-26757
SHUMAKOVA, L. S.
 Effect of stress concentrators on critical deformations in tension and bending /Vliianie kontsentratorov napriazhenii na predel'nye deformatsii pri rastiazhenii i izgi b/. 07 p1263 A67-19751
SHUMAN, V. B.
 Effect of the space-charge layer on the volt-ampere characteristics of multilayer diffusion structures in silicon /Vlianie sloia ob'emnogo zariada na volt'ampernuyu kharakteristiku mnogosloinnykh diffuzionnykh struktur v kremnii/. 02 p0281 A67-11504
 Investigation of the switching process for silicon p-n-p-n structures /Issledovanie protessa vklucheniia kremnievykh p-n-p-n-struktur/. 05 p0865 A67-16911
 A study of the switching process of silicon p-n-p-n structures. 16 p2727 A67-30888
SHUMAN, W. P., JR.
 Evaluation of asbestos filled plastics and elastomers for space applications. 15 p2507 A67-29550
SHUMIATSKII, P. S.
 Effect of constant electric and magnetic fields applied to a beam of active molecules outside a resonator on the oscillation frequency of a maser. 01 p0089 A67-10396
SHUMRATOVA, G. N.
 Influence of heat treatment on the structure and properties of VT1 titanium and the OT4 alloy. 06 p1018 A67-18236
SHUNG, F.-H.
 Electron spin resonance in phosphorus-doped silicon. 05 p0861 A67-16499
SHUPE, N. K.
 The control of aircraft in terrain-following and formation-flight applications. 08 p1351 A67-20700
SHUPIATSKII, A. B.
 Radar study of the phase state of clouds /Issledovanie fazovogo sostoiannya oblakov s pomoshch'yu radiolokatora/. 01 p0109 A67-11249
 Investigation of the phase state of clouds with the aid of radar. 11 p1815 A67-24120
 The polarization characteristics of radar "angel" echoes. 20 p3384 A67-37237
SHUR, G. N.
 Power spectra of turbulence in the free atmosphere. 15 p2513 A67-30058
SHUR, M. G.
 Ergodic theorems for a class of Markov processes /Ergodicheskie teoremy dlia odnogo klassa markovskikh protsessov/. 22 p3827 A67-39877
SHURE, L. I.
 Survey of electric power plants for space application. 20 p3364 A67-37017
SHURTLEFF, E.
 Solid propellant space power systems for normal and emergency space operations. 20 p3533 A67-36601
SHURUBURA, A. A.
 Dynamics of intracranial pressure and of blood content in the cranial cavity at transverse accelerations up to 40 g /Dinamika krovenapolneniia polosti cherepa i vnutricherepnogo davleniia pri poperechnykh peregruzkakh do 40 ed/. 13 p2057 A67-26456
SHURYGIN, V. M.
 Statement of the problem of flow around bodies with jets and the exact solution of two classes of problems in an ideal fluid. 08 p1321 A67-20836
SHUSHKEVICH, A. D.
 A method of broadening the spectrum of RF-pulses of long duration by means of frequency modulation. 04 p0577 A67-15675
SHUSHKEVICH, V. L.
 A new form of injected-plasma instability in germanium. 02 p0297 A67-11833
SHUSKUS, A. J.
 Current instability above the Gunn threshold. 03 p0496 A67-13669
SHUSTOV, L. N.
 Direction-finding characteristics of single-pulse automatic tracking systems. 02 p0214 A67-11904
SHUTE, B. E.
 Geocentric initial conditions of trajectories originating at the moon's surface. 01 p0148 A67-10387
SHUTER, D. V.
 Ground surface erosion occasioned by a rocket braked vehicle. 01 p0156 A67-11434
SHUTER, W. L. H.
 Solar motion determined from 21-cm line observations. 17 p2943 A67-32443
SHUTOV, S. D.
 Energy band structure of crystals of groups IV, III-V, and II-VI and Mg sub 2 Si-type crystals /Energeticheskaya struktura zon kristallov grupp IV, III-V, II-VI i tipa Mg sub 2 Si/. 18 p3095 A67-33448
SHUTTE, N. M.
 Absorption of ultraviolet solar radiation in the upper atmosphere near the main ionization maximum, according to measurements of photoemission by means of an earth satellite. 10 p1647 A67-23282
 Characteristics of neutral and ionized components of the atmosphere at heights of 100-500 km measured during the flights of geophysical rockets. 19 p3218 A67-35215
SHUVALOV, L. A.
 A precise polarimeter and its application to study of changes of the rotation of the polarization plane of light and the rotational electrooptic effect in ferroelectrics. 21 p3631 A67-38969
SHUVARIKOVA, N. F.
 Results of a radar study of the wind regime in the meteor zone. 13 p2110 A67-26552
SHVACHKIN, K. M.
 Attenuation of radio waves in interplanetary space and in the space about the sun. 03 p0368 A67-13278
SHVACHUNOV, I. N.
 The motion of charged particles in the field of a magnetic dipole in an external magnetic field - The Stoermer method. 11 p1856 A67-24069
 The use of Stoermer's method for the investigation of the motion of charged particles in the field of a magnetic dipole situated in an external magnetic field. 12 p1994 A67-25644
SHVAIKO, N. IU.
 Problem of the applicable range of the deformation theory of plasticity /K voprosu o ramkakh primenimosti deformatsionnoi teorii plastichnosti/. 21 p3720 A67-38298
SHVAN, V.
 Spatial spectrum of the main part of the geomagnetic field in the Northern part of Eurasia. 07 p1173 A67-19697
SHVARTS, I. A. M.
 Sporadic E layer and magnetic activity /Sporadicheski sloi E i magnitnaya aktivnost'/. 16 p2669 A67-31905
SHVARTS, N. Z.
 Design of a tunnel-diode amplifier with a single circuit /K raschetu usilitella na tunnel'nom diode s odnochnym konturom/. 18 p3011 A67-34179
SHVARTSBLAT, D. L.
 Stability of a transverse fluid flow between permeable boundaries /Ob ustoiichivosti poperechnogo techeniia zhidkosti mezhdu pronitsaemymi granitsami/. 10 p1628 A67-23675
 On the stability of transverse flow of fluid between permeable boundaries. 21 p3612 A67-38276
SHVARTSBERG, A. B.
 Theory of excitation and propagation of electromagnetic waves in a weakly turbulent plasma /K teorii vozbuzhdeniia i rasprostraneniia elektromagnitnykh voln v slaboturbulentnoi plazme/. 02 p0278 A67-12627
 Nonlinear wave interaction in a plasma situated in a strong external magnetic field /Nelineinoe vzaimodeistvie voln v plazme, nakhodiasheisia v sil'nom vneshnem magnitnom pole/. 04 p0667 A67-15206
 Excitation and propagation of electromagnetic waves in weakly turbulent plasma. 13 p2171 A67-27384
 Nonlinear wave interaction in a plasma in a strong magnetic field. 15 p2532 A67-30254
 Nonlinear generation of plasma waves by a beam of transverse waves. 23 p4034 A67-41678
SHVARTSMAN, A. G.
 Study of the characteristics of a hydrogen integrator in a pulsed mode of operation /Issledovanie kharakteristik vodorodnogo integratora pri rabote v impul'snykh rezhimakh/. 22 p3795 A67-39228
SHVARTSMAN, L. A.
 Determination of the thermodynamic activity of carbon in alloyed molybdenum carbide /Opredelenie termodinamicheskoi aktivnosti ugleroda v legirovannom karbide molibdena/. 24 p4171 A67-41962
SHVED, G. M.
 The part of radiation in the heat regime of the atmospheric layer from 30 to 100 km. 10 p1647 A67-23275
SHVEDCHIKOV, A. V.
 Study of the behavior of impurity atoms in diatomic crystals of InSb and

- GaSB. 05 p0861 A67-16392
- SHVEIKIN, G. P.**
Self-diffusion of niobium in some of its alloys with tungsten /Samodiffuziia niobila v nekotorykh ego splavakh s vol'trom/. 13 p2141 A67-27283
- SHVEIKIN, V. I.**
Microinhomogeneities of the impurity distribution in heavily doped gallium arsenide /Mikroneodnorodnosti raspredelenia primesi v sil'no legirovannom arsenide gallia/. 14 p2368 A67-28528
- Microinhomogeneities of the impurity distribution in heavily doped gallium arsenide. 23 p4039 A67-40935
- SHVETS, A. I.**
Three-dimensional flow past blunt-nosed cones /Prostranstvennoe obtekanie zatuplennykh konusov/. 05 p0751 A67-17478
- Study of the base-pressure fluctuations behind a cone in a supersonic flow /Issledovanie kolebani donnogo davleniia za konusom v sverkhzvukovom potoke/. 06 p0936 A67-17735
- Investigation of the flow structure behind a cone in supersonic flow /Issledovanie struktury techeniia za konusom v sverkhzvukovom potoke/. 14 p2240 A67-27994
- SHVETS, O. M.**
The influence of a metal vacuum chamber on the measurements of plasma parameters using a diamagnetic probe. 07 p1228 A67-19513
- Waveguide properties of a plasma column in a magnetic field at low frequencies /Volnovodnye svoistva plazmennogo sterzhnia v magnitnom pole na nizkikh chastotakh/. 16 p2718 A67-31189
- SHVETSOV, A. V.**
Constructing a conformal mapping of a complex symmetrical doubly connected region /O postroeni konformnogo otobrazheniia slozhnoi simmetrichnoi dvukhsvlazonoi oblasti/. 24 p4249 A67-42106
- SHVETSOV, V. A.**
Distribution of stresses in an elastic anisotropic medium with elliptical holes reinforced by elastic rings /Raspredelenie napriazhenii v uprugoi anizotropnoi srede s elipticheskimi otverstiiami, podkreplennymi uprugimi kol'tsami/. 01 p0158 A67-10221
- SHVIDENKO, V. I.**
Device for testing the thermal fatigue of small specimens. 03 p0420 A67-13545
- SHVIDKOVSKAIA, T. E.**
The spectrum of the earth's heat radiation according to the observation from the Cosmos 45, Cosmos 65 and Cosmos 92 satellites. 10 p1637 A67-23194
- SHVIDKOVSKII, E.**
Ionosphere as a binary two-temperature gas and its transfer coefficients. 10 p1640 A67-23220
- Kinetic theory of the upper atmosphere /Kineticheskaiia teoriia verkhnei atmosfery/. 16 p2666 A67-31166
- SHVIDKOVSKII, E. G.**
Effect of corpuscular streams and the reaction of photodetachment of electrons on the formation of the D layer of the ionosphere /O vliianii korpuskularnykh potokov i reaktcii fotootlipaniia elektronov na obrazovanie D-sloia ionosfery/. 09 p1491 A67-21894
- Seasonal variations in the high-latitude stratosphere and mesosphere /Sezonnye izmeneniia v stratosfere i mezofere vysokikh shirot/. 13 p2113 A67-26675
- On the nature of D layer in the ionosphere. 19 p3218 A67-35227
- SHVILKIN, B. N.**
Waves and noise in a positive-column plasma at low pressure /Volny i shumy v plazme polozhitel'nogo stolba pri nizkom davlenii/. 09 p1545 A67-22220
- Waves and noises in the positive-column plasma at low pressures. 18 p3086 A67-33764
- SHVINDT, N. N.**
Measurement of the electron concentration in a xenon pulse discharge by means of a gas laser /Izmerenie kontsentratsii elektronov v impul'snom razriade v ksenone s pomoshch'iu gazovogo lazera/. 09 p1512 A67-21922
- Measurement of the concentration of electrons in a pulsed xenon discharge using a gas laser. 14 p2330 A67-28251
- SHVOM, E. M.**
Modulation of the Q-factor of a ruby laser with the aid of saturating filters based on phthalocyanine solutions /Modulatsiia dobrotnosti rubinovogo lazera s pomoshch'iu nasyschalushchikhsia fil'trov na osnove rastvorov ftalotsianinov/. 02 p0252 A67-12423
- SHYNE, J. J.**
Whisker composite technology. 03 p0453 A67-13410
- SIAMBIS, J. G.**
Magnetic field geometry and the adiabatic invariants of particle motion. 03 p0484 A67-14041
- SIASKIN, I. U. M.**
Thermodynamics of a two-component liquid-metal MHD power plant with an injector /Termodinamika dvukhkompontentnoi zhidkometallicheskoj energeticheskoi MGD ustanovki s inzhektorom/. 16 p2607 A67-30591
- SIBGATULLIN, N. R.**
Statistics of a plasma model /Statistika odnoi modeli plazmy/. 20 p3502 A67-37662
- SIBIRSKII, K. S.**
Unitary and orthogonal matrix invariants /Ob unitarnykh i ortogonal'nykh invariantakh matrits/. 07 p1217 A67-20024
- SIBLEY, C. R.**
A-C welding of 9 percent nickel steel cryogenic vessels. 14 p2327 A67-28820
- SIBLEY, L. B.**
Elastohydrodynamic lubrication. 01 p0079 A67-10728
- SICA, L.**
On the proper use of laser radiation in the calibration of spectrometer scanning functions. 23 p4014 A67-41023
- SICARD, F.**
From measurement to topology /De la mesure a la topologie/. 04 p0657 A67-14887
- SICHA, M.**
Comparison of microwave and probe methods of plasma diagnostics. 03 p0477 A67-13466
- On the generation of striations in low-pressure plasma in a strong high-frequency field. 14 p2353 A67-27756
- The influence of plasma instability on the operation of gas lasers /Vliv nestability plazmatu na cinnost plynovykh laserov/. 24 p4188 A67-42561
- SICHA, W. E.**
Notch toughness of some aluminum alloy castings at cryogenic temperatures. 13 p2221 A67-27672
- Properties of commercial casting alloys. 14 p2335 A67-27807
- SICHEL, M.**
Computer experiments related to chemical propulsion. 06 p1114 A67-18250
- [AIAA PAPER 67-7] Thermal and ablative lag induced by a periodic heat input. 12 p2039 A67-26050
- [AIAA PAPER 67-336] An axisymmetric similarity solution for viscous-transonic nozzle flow. 15 p2417 A67-29654
- Computer experiments related to chemical propulsion. 19 p3346 A67-35734
- [AIAA PAPER 67-7] Regimes of exothermic blunt body flow. 20 p3359 A67-37128
- SICILIANI, F. A.**
Landing task and pilot acceptance of displays. 09 p1457 A67-22493
- SIDKO, F. IA.**
Gas exchange between man and a microalgae culture during a 30-day experiment /Gazoobmen mezhdu chelovekom i kul'turoi mikrovdoroslei v 30-sutochnom eksperimente/. 24 p4114 A67-41845
- SIDLIAR, M. M.**
Effect of the interaction between strain fields and temperature on the quasi-static stressed state of a thin plate /Vlianie vzaimodeistviia polei deformatsii i temperatury na kvazistaticheskoe napriazhennoe sostoiianie tonkol plastiny/. 05 p0913 A67-16186
- Generalized thermally stressed state of a thin plate in the presence of an interaction between the strain field and the temperature /Obobshchennoe termonapriazhennoe sostoiianie tonkol plastinki pri vzaimodeistvii polia deformatsii i temperatury/. 05 p0913 A67-16187
- SIDORENKO, I. S.**
Powerful pulse generator /Moshchnyi impul'snyi generator/. 02 p0215 A67-11979
- SIDORIN, IA. S.**
Experimental investigation of the anisotropy of fiberglass-reinforced plastics during shear. 06 p1020 A67-18099
- SIDORINA, I. IU.**
Investigation of porous cermet fire barriers for localizing acetylene-oxygen and hydrogen-oxygen flames /Issledovanie poristykh metallokeramicheskikh ognepregraditelei dlia lokalizatsii atsetileno-kislorodnogo i vodorodno-kislorodnogo plameni/. 24 p4159 A67-41957
- SIDOROV, A. F.**
On non-steady gas flows adjacent to the regions of rest. 07 p1169 A67-20034
- Some two-dimensional self-similar flows of a polytropic gas with variable entropy /O nekotorykh dvumernykh avtomodel'nykh techeniakh politropnogo gaza s peremennoi entropiei/. 12 p1892 A67-25443
- Some two-dimensional self-similar flows of a polytropic gas with variable entropy. 21 p3813 A67-38816
- SIDOROV, A. I.**
Zeeman effect in a neon helium gas laser /lambda equals 6328 angstrom units/ /Effekt Zeemana v gazovom opticheskom kvantovom generatore na smesi neon-gelli /lambda equals 6328 angstrom units/. 09 p1512 A67-21920
- Zeeman effect in a neon-helium gas laser /lambda equals 6328 angstrom units/. 14 p2330 A67-28249
- SIDOROV, I. M.**
Method for investigating the stability of controlled systems /Ob odnom metode issledovaniia ustoiichivosti reguliruemyykh sistem/. 15 p2518 A67-30176
- SIDOROV, IU. P.**
Solution of the composite heat transfer problem in a moving gray medium with a small optical density, on the basis of the boundary layer equations. 04 p0722 A67-14712
- Composite heat transfer and viscous friction in a moving gray medium with large optical density. 04 p0722 A67-14713
- The absorption coefficient of a gray medium. 04 p0722 A67-14714
- SIDOROV, S. K.**
Neutron diffraction study of ordered Ni-Mn alloys. 05 p0863 A67-16758
- SIDOROV, V. I.**
Heat release and temperature distribution in the wall of a square channel during the passage of a turbulent flow of water or mercury /Teplootdacha i raspredelenie temperatury v stenke kvadratnogo kanala pri turbulentnom techenii vody i rtuti/. 07 p1265 A67-19126
- Heat transfer and temperature distribution in the wall of a square duct during the turbulent flow of water and mercury. 21 p3731 A67-38170
- SIDOROV, V. S.**
Solution of the composite heat transfer problem in a moving gray medium with a small optical density, on the basis of the boundary layer equations. 04 p0722 A67-14712
- Composite heat transfer and viscous friction in a moving gray medium with large optical density. 04 p0722 A67-14713
- Convective heat transfer in the turbulent motion of a viscous fluid in the initial section of a tube. 04 p0722 A67-14716
- SIDOROWICZ, R. S.**
Some novel RC oscillators for radio frequencies. 19 p3191 A67-34946
- SIDOV, V. I.**
Heat transfer in a gas container during depletion /Teploobmen v gazovoi emkosti pri oporozhnenii/. 07 p1267 A67-19324
- SIDWELL, K. W.**
Evaluation of unsteady aerodynamic forces and dynamic response of flexible aircraft structure to continuous turbulence in supersonic flight. 10 p1595 A67-23736
- SIEBENMANN, P. G.**
The Fermi surface of tin telluride - Shubnikov-de Haas effect. 06 p1065 A67-18950
- Shubnikov-de Haas effect in SrTiO sub 3. 18 p3104 A67-34592
- SIEBER, W.**
Evaluation of the residue integral in the behavior function of a control circuit /Abschaeztzung des Restintegrals bei der Verhaltensfunktion eines Regelsystems/. 01 p0045 A67-10796
- SIEGEL, A.**
Closed form for the perturbation terms of the linear Boltzmann equation. 05 p0847 A67-17438
- SIEGEL, B. V.**
Effects of long-term periodic administration of hyperbaric oxygen on body and organ weights, histology and hematology

- of the mouse. 13 p2060 A67-26926
- SIEGEL, G.
Electron mirror observation of superconductors in the intermediate state. 17 p2912 A67-32266
The SIAT 223 "Flamingo" - A new German aircraft /SIAT 223 "Flamingo" - Ein neues deutsches Flugzeug/. 18 p2985 A67-33641
- SIEGEL, J.
Recognition of lunar craters. 15 p2431 A67-29894
- SIEGEL, K.
Superconducting high-Q radio-frequency circuit using niobium stannide above 4.2 deg K. 11 p1787 A67-24726
High circuit Q's with niobium stannide at radio frequencies. 22 p3865 A67-40435
- SIEGEL, M. J.
High-temperature springs. 11 p1795 A67-24090
- SIEGEL, R.
Incipience, growth, and detachment of boiling bubbles in saturated water from artificial nucleation sites of known geometry and size. 04 p0734 A67-15847
An analysis of the transient solidification of a flowing warm liquid on a convectively cooled wall. 04 p0735 A67-15856
- SIEGEL, R. T.
A modular 100 mc/sec digital timer. 06 p1001 A67-17852
Plonic and muonic X rays in liquid helium. 24 p4192 A67-42735
- SIEGEL, S.
Isotope effects in the 77 deg K gamma irradiation of ice. 04 p0658 A67-15508
Chemistry of irradiation induced polytetrafluoroethylene radicals. 17 p2810 A67-33260
- SIEGEL, S. M.
Living relative of the microfossil Kakabekia. 15 p2429 A67-29648
- SIEGFRIED, W. H.
Recent trends in post-Saturn propulsion - Expandable solid or reusable liquid systems/ques/. [DOUGLAS PAPER-4452] 24 p4240 A67-42388
Lunar transportation - Evolution in the post-Apollo period. [AIAA PAPER 67-873] 24 p4244 A67-42994
- SIEGMAN, A. E.
Progress in radio electronics. 06 p0968 A67-18072
A maximum-signal theorem for the spatially coherent detection of scattered radiation. 09 p1462 A67-21611
Modes in unstable optical resonators and lens waveguides. 15 p2497 A67-29391
Preliminary measurements of laser short-term frequency fluctuations. 15 p2499 A67-29730
Absolute frequency stabilization of a laser oscillator against a laser amplifier. 21 p3641 A67-38461
- SIEGMUND, J. M.
Production, handling, and shipping of elemental fluorine. 16 p2734 A67-31811
- SIEGWARTH, J. D.
Moessbauer effect of divalent Fe super 57 in NiO and MnO. 12 p1985 A67-25844
- SIEKMANN, J.
On liquid sloshing in a cylindrical tank with a flexible bottom. 22 p3787 A67-40179
- SIELMAN, P. F.
Satellite educational television - An effective form of foreign aid. [AIAA PAPER 67-963] 24 p4260 A67-43042
- SIENICNIK, L.
Design principles for sailplanes with a glide ratio of 100 /Konstruktionsbedingungen fuer Segelflugzeuge mit einer Gleitzahl von 100/. 03 p0358 A67-12976
- SIERAKOWSKI, R. L.
Large deflections of a beam loaded and supported at two points. 11 p1871 A67-24088
- SIERER, W. H.
Attitude determination and control of the Syncom, Early Bird, and applications technology satellites. [AIAA PAPER 67-532] 19 p3334 A67-35934
- SIESKIND, M.
Optical properties of AuCl at low temperatures /Proprietes optiques de AuCl aux basses temperatures/. 18 p3101 A67-34187
- SIESTRUNCK, R.
The limitation of output in supersonic compressors /La limitation du debit dans les compresseurs superoniques/. 05 p0874 A67-16746
- SIEVERING, N. F.
Snapshot - The first space test of a reactor power unit. 16 p2701 A67-30838
- SIEVERS, R. F.
Saturn V guidance, navigation, and targeting. 17 p2881 A67-32057
- SIEVERT, P. R.
Theory of the galvanomagnetic properties of magnesium and zinc. 03 p0495 A67-13511
Magnetoacoustic attenuation, open orbits, and magnetic breakdown. 22 p3861 A67-39995
- SIEWERT, C. E.
Radiative transfer in a free-electron atmosphere. 17 p2950 A67-33164
- SIEWERT, R. F.
Use of boundary-layer control on a supersonic attack-reconnaissance aircraft. [AIAA PAPER 65-751] 09 p1441 A67-22484
- SIFOROV, V. I.
Some problems in analyzing the accuracy of radio and electronic equipment circuits. 04 p0586 A67-15871
Development of information theory research. /Review of some works for the period of 1963-1966/. 14 p2269 A67-28456
- SIGAL, I. KH.
Iterational computation scheme of /transfer/ orbits in the field of an attracting center. 12 p2002 A67-25840
- SIGALLA, A.
Aerodynamics of powerplant installation on supersonic aircraft. [AIAA PAPER 66-665] 17 p2791 A67-32567
- SIGALOV, G. G.
Evaluation of the follow-up failure conditions in nonlinear automatic control systems. 05 p0781 A67-16255
- SIGILLITO, V.
Inequalities for nonlocal parabolic and higher order elliptic equations. 21 p3652 A67-38174
- SIGILLITO, V. G.
Pointwise bounds for solutions of the first initial-boundary value problem for parabolic equations. 03 p0460 A67-13821
Pointwise bounds for solutions of semilinear parabolic equations. 21 p3652 A67-38176
- SIGMUND, F.
Apparatus for measuring contact voltage by the vibrating capacitor method /Aparatura na mereni kontaktniho potencialu metodou vibracniho kondenzatoru/. 06 p1005 A67-18728
- SIGMUND, H.
Electrical and photovoltaic properties of PbS-Si heterodiodes. 12 p1980 A67-25180
- SIGNER, P.
Trapping of the solar wind in solids. 11 p1825 A67-25079
Spallogenic rare gases in the El Taco meteorite. 16 p2750 A67-31439
- SIGNORE-POYET, M.
Energy variation, by gravitational radiation, of a system of two bodies in a Minkowskian theory of gravitation /Variation d'energie, par rayonnement gravitationnel, d'un systeme de deux corps, dans une theorie Minkowskienne de la gravitation/. 12 p1966 A67-25145
- SIGNORELLI, R. A.
Metallurgical and geometrical factors affecting elevated temperature tensile properties of discontinuous tungsten fiber reinforced composites. 03 p0441 A67-13272
Fibering of oxides in refractory metals. 03 p0441 A67-13273
Fiber-metal composites. 03 p0442 A67-13310
The effect of interfiber distance and temperature on the critical aspect ratio in composites. 24 p4173 A67-42474
Refractory metal fiber nickel alloy composites for use at high temperatures. 24 p4174 A67-42475
- SIGNORETTI, S.
Magnesium alloys in aircraft and space vehicle construction /Le leghe di magnesio nelle costruzioni aeronautiche e spaziali/. 04 p0638 A67-14983
- SIGORSKII, V. P.
Multistable pulse-frequency elements. 01 p0043 A67-10239
Construction of an oriented graph of an electronic circuit. 02 p0224 A67-11915
Content and methods of electronic circuit theory /Soderzhanie i metody teorii elektronnykh tsepej/. 19 p3200 A67-34904
- SIGOV, I. S.
A two-dimensional model of the magnetosphere. 10 p1649 A67-23297
- SIGOV, I. U. S.
Structure of the boundary layer between a rarefied plasma and a magnetic field. 04 p0665 A67-15179
Discrete model of medium in a problem on rarefied plasma stream interaction with a charged body. 14 p2357 A67-28205
Structure of the boundary layer between a rarefied plasma and a magnetic field /Struktura pogranichnogo sloia mezhdu razrezhennoi plazmoi i magnitnym polem/. 19 p3288 A67-35369
Acceleration of electrons in a boundary layer /Ob uskorenii elektronov v pogranichnom sloe/. 20 p3500 A67-37050
- SIH, G. C.
Three-dimensional stress distribution around an elliptical crack under arbitrary loadings. [ASME PAPER 66-APM-N] 04 p0718 A67-15926
Green's function for cracks in nonhomogeneous materials. 10 p1731 A67-23848
Geometric discontinuities in elastostatics. 13 p2221 A67-27735
On the Westergaard method of crack analysis. 16 p2785 A67-30995
Flexural problems of cracks in mixed media. 16 p2770 A67-31292
Circular-arc cracks in bi-material plates under bending. 23 p4078 A67-41164
- SIKHARULIDZE, G. A.
Preparation and certain properties of the semiconductor compound CdSnAs sub 2 /Poluchenie i nekotorye svoystva poluprovodnikovogo soedineniya CdSnAs sub 2/. 06 p1048 A67-17840
Investigation of the dependence of the Hall coefficient on the magnetic-field induction in p-type CdSnAs sub 2 /Issledovanie zavisimosti koeffitsienta Kholla ot induksii magnitnogo polia v CdSnAs sub 2 p-tipa/. 15 p2543 A67-30253
Production of the semiconducting compound CdSnAs sub 2 and some of its properties. 17 p2922 A67-33218
- SIKORA, P. T.
He II persistent current gyro element for inertial navigation. 22 p3808 A67-40395
- SIKORSKI, S.
The Dember effect in an inhomogeneous semiconductor and the bulk photovoltaic effect /Efekt Dembera w polprzewodniku niejednorodnym i objetosciowy efekt fotowoltajczny/. 05 p0863 A67-16702
Equations for excess carrier distribution in an inhomogeneous semiconductor /Rownania rozkladu nosnikow nadmiarowych w polprzewodniku niejednorodnym/. 19 p3308 A67-36026
- SIKORSKI, Z. W.
Parametric voltage transducer as a direct FM modulator for an RC generator /Parametryczny czujnik napiecowy jako bezposredni modulator FM generatora RC/. 09 p1496 A67-21692
- SILAEV, A. A.
Investigation of the penetrating component of high-energy cosmic rays at depths from 20 to 40 mwe below the earth's surface /Issledovanie pronikalushchey komponenty kosmicheskogo izlucheniya vysokoi energii na glubinach 20 i 40 m v.e. pod zemlei/. 24 p4221 A67-42876
- SILANTEV, B. A.
Thermal differential method of determining critical points in a flow /Teplovoy differentsialnyi metod opredeleniya kriticheskikh tochek v potoke/. 11 p1741 A67-24032
Effect of channel blocking on the motion of a fluid in the separation region behind bluff bodies /O vliyanii zagromozhdeniya kanala na dvizhenie zhidkosti v zone otryva za plokhoe obtekaemyi telami/. 11 p1743 A67-24960
- SILANTEV, V. A.
Investigation of a supersonic rarefied argon plasma jet /Issledovanie sverkhzvukovoi strui razrezhennoi argonovoi plazmy/. 11 p1842 A67-24963
- SILAS, GH.
Concerning the stationary motion of an impact-oscillation system, when the impact is not considered as instantaneous /Ueber die stationaere Bewegung eines Schlagschwingsystems, wenn der Zusammenstoß nicht als momentan betrachtet wird/. 20 p3483 A67-36195
- SILASH, G.
Polygonal method for the approximate investigation of systems with nonlinear characteristics /Metod mnogougol'nogo

- priblizheniia v issledovanii sistem s nelinelnymi kharakteristikami/. 21 p3657 A67-38551
- SILBERNAGEL, B. G.
Nuclear relaxation measurements in the superconducting and normal states of some V sub 3 X compounds. 07 p1236 A67-20139
- SILBEY, R.
New type of molecular perturbation treatment. 06 p1034 A67-17826
- SILCOX, J.
Nature of the AC transitions in the superconducting surface sheath in Pb-2 percent In. 12 p1985 A67-25847
- SILFVAST, W. T.
Six db/cm single-pass gain at 7229 angstrom units in lead vapor. 20 p3460 A67-36858
- SILIN, E. A.
Spectroscopic investigations of the intermolecular association in several organic semiconductors /Spektroskopicheskie issledovaniia mezhmolekuliarnoi assotsiatsii v nekotorykh organicheskikh poluprovodnikakh/. 20 p3512 A67-37301
- SILIN, S. S.
Thermal Effects and Cutting Machinability of Aircraft Materials /Teplovyie iavleniia i Obrabatyvaemost' Rezanem Aviatsonnykh Materialov/. 03 p0427 A67-13190
Determination of dependences of the criteria for metal cutting processes from studies of thermal effects /Ustanovlenie kriterial'nykh zavisimostei pri rezanii metallov na osnove izucheniia teplovykh iavlenii/. 03 p0428 A67-13195
- SILIN, V. A.
Radiative acceleration of plasma /Radiatsionnoe uskorenie plazmy/. 17 p2904 A67-32915
Interaction of plasma bunches with a high-power microwave. 19 p3291 A67-35384
- SILIN, V. P.
Parametric resonance in a plasma in a magnetic field. 03 p0475 A67-12931
Scattering of waves in a plasma. 03 p0367 A67-12938
Effect of Coulomb collisions on drift instability of plasma. 05 p0860 A67-17546
Kinetic instability of a plasma situated in a strong high-frequency field /Kineticheskaia neustoiichivost' plazmy, nakhodiaschetsia v sil'nom vysokochastotnom pole/. 06 p1045 A67-18803
Ion-cyclotron instability of a plasma located in a strong high-frequency field /Ionno-tsiklotronnaia neustoiichivost' plazmy, nakhodiaschetsia v sil'nom vysokochastotnom pole/. 15 p2530 A67-29728
Kinetic instability of a plasma located in a strong high frequency field. 18 p3090 A67-34422
- SILJAK, D.
Parameter plane analysis of forced nonlinear oscillations. 08 p1311 A67-20343
- SILJAK, D. D.
Minimization of sensitivity with stability constraints in linear control systems. 01 p0047 A67-11217
- SILK, J.
Fluctuations in the primordial fireball. 21 p3711 A67-39120
- SILVA, R. R.
Radar observations of Venus at 3.8-cm wavelength. 05 p0889 A67-16298
- SILVA, R. W.
A plasma instability associated with thermal anisotropies in the solar wind. 08 p1378 A67-21475
Preliminary results from the Ames research center plasma probe observations of the solar-wind-geomagnetic field interaction region on IMP-II and OGO-I. 12 p1997 A67-25806
Preliminary observations of a geomagnetospheric wake at 1000 earth radii. 22 p3791 A67-39819
- SILVER, A. H.
Quantum states and transitions in weakly connected superconducting rings. 16 p2728 A67-31058
Coupled superconducting quantum oscillators. 17 p2926 A67-33380
Contribution of thermal noise to the line-width of Josephson radiation from superconducting point contacts. 23 p4038 A67-40790
- SILVER, B. W.
Grand tours of the Jovian planets. [AIAA PAPER 67-613] 19 p3329 A67-36002
- SILVER, I.
Naval rocket motors and structural integrity considerations. 08 p1375 A67-20873
- SILVER, L. T.
Petrology of eucrites, howardites and mesosiderites. 24 p4233 A67-42619
- SILVER, M.
Emission studies of mercury in the negative glow of a Hg-H sub 2 discharge. 08 p1356 A67-21296
- SILVER, R.
A simple method of evaluating inertial guidance system accuracy. 06 p1028 A67-17722
- SILVERBERG, E. C.
Optical radar detection of backscattering from the upper atmosphere. 22 p3759 A67-39558
- SILVERMAN, B. D.
Electric field enhanced Raman scattering and frequency shift of the soft mode of SrTiO sub 3. 18 p3098 A67-33520
- SILVERMAN, H. M.
Latitudinal effects on satellite scintillations. [AFCLR-66-864] 03 p0406 A67-12620
- SILVERMAN, H. P.
Holographic interferometry in electrochemical studies. 20 p3450 A67-37137
- SILVERMAN, M. S.
Crystal structure and superconductivity of a high-pressure phase of CaSi sub 2. 06 p1051 A67-18372
- SILVERMAN, S. M.
Magnetic storm enhancement of the 5577 angstrom units /OI/ airglow emission intensity. [AFCLR-66-866] 03 p0505 A67-12836
Rocket optical studies of daylight day-time auroras. 19 p3214 A67-35168
Optical environment in Gemini space flights. 21 p3713 A67-38568
- SILVERSTEIN, A.
Turbine-engine development - Still pacemaking in aviation. 02 p0302 A67-11817
- SILVESTROV, M. M.
An informational model of the dynamics of motion and the spatial orientation of a cosmonaut outside a spacecraft /Informatsionnaia model' dinamiki dvizheniia i prostranstvennala orientirovka kosmonavta vne korablia/. 02 p0188 A67-12330
- SIMAKINA, E. G.
Photographic summer observations of meteors in 1964 /Fotograficheskie nabludeniia meteorov letom 1964 goda/. 17 p2942 A67-32328
- SIMAKOV, I. P.
Structural synthesis of combined automatic control systems for nonlinear plants /Strukturnii sintez kombinovaniikh sistem avtomatichnogo keruvannia nelinlnimi ob'ektami/. 06 p0976 A67-18237
- SIMANTIRIS, H.
Zeeman effect extinction of He-Ne 6328 angstrom units laser light. 18 p3061 A67-34200
- SIMBIRSKII, D. F.
Possibilities of correcting devices in measurements of instantaneous temperatures in unsteady gas flows /O vozmozhnostiax korrektrulushchikh ustroistv pri izmerenii mgnovennykh temperatur v nestatsionarnykh gazovykh ptokakh/. 13 p2118 A67-26352
Instantaneous heat release by thin wires in unsteady gas flows /Mgnovennala teplootdacha tonkikh provolok v nestatsionarnom gazovom potoke/. 21 p3733 A67-38913
Error of resistance thermometers owing to heat transfer between the heat probe and the holders /K voprosu pogreshnosti termometrov soprotivleniia, vyzyvamoii teploobmenom termopriemnika s derzhavkami/. 21 p3630 A67-38914
- SIMCOE, R. J.
An experiment on antenna arrays with randomly spaced elements. 11 p1761 A67-24282
- SIMEK, M.
The influence of diffusion on the radio determination of meteor velocities. 05 p0897 A67-16807
- SIMENZ, R. F.
High-strength titanium alloy die forgings. 03 p0446 A67-13552
- SIMEONOV, S. L.
Coefficient of linear expansion of commercial titanium /O koeffitsiente lineinogo rasshireniia tekhnicheskogo titana/. 07 p1208 A67-19297
- SIMHA, R.
Low-temperature thermal expansivities of polyethylene, polypropylene, mixtures of polyethylene and polypropylene, and polystyrene. 06 p1019 A67-17851
Numerical differentiation of equally spaced and not equally spaced experimental data. 19 p3250 A67-35615
- SIMIC, J.
Legal problems relating to man made objects in space. 24 p4257 A67-42387
- SIMITSES, G. J.
Axisymmetric dynamic snap-through buckling of shallow spherical caps. 12 p2030 A67-25923
Instability of orthotropic cylindrical shells under combined torsion and hydrostatic pressure. 17 p2963 A67-33016
A note on the general instability of eccentrically stiffened cylinders. 21 p3722 A67-38545
- SIMKIN, D. J.
Rocket-exhaust impingement on a flat plate at high vacuum. [AIAA PAPER 66-46] 02 p0341 A67-11934
Distortion of a free surface during tank discharge. 02 p0233 A67-11945
- SIMKIN, M. M.
Determining a class of nonlinear automatic sampled-data systems. 04 p0593 A67-15753
- SIMMONDS, J. G.
A set of simple, accurate equations for circular cylindrical elastic shells. 01 p0159 A67-10400
Modifications of the Timoshenko beam equations necessary for thin-walled circular tubes. 14 p2403 A67-29013
- SIMMONS, F. S.
Band models for nonisothermal radiating gases. 02 p0342 A67-12051
Infrared spectroscopic study of hydrogen-fluorine flames. 10 p1697 A67-23134
- SIMMONS, J. A.
Some difficulties of operating liquid systems in a vacuum. 01 p0055 A67-11386
- SIMMONS, J. D.
Observation of the D super 1 delta goes to x super 1 sigma super plus transition of CO in the vacuum-ultraviolet region. 02 p0269 A67-12450
The forbidden I super 1 sigma super minus -X super 1 sigma super plus absorption bands of carbon monoxide. 05 p0848 A67-16847
- SIMMONS, J. G.
Incorporation of electric-field penetration of the electrodes in the theory of electron tunnelling through a dielectric layer. 10 p1689 A67-22961
- SIMMONS, K. B.
Pressure gages for severe blast environment. 23 p4007 A67-41387
- SIMMONS, K. W.
Minimizing reductions in readiness caused by time-phased decreases in aircraft overhaul and repair activities. 01 p0016 A67-10932
- SIMMONS, L. D.
Nuclear propulsion for manned Mars expedition. [AIAA PAPER 67-510] 18 p3077 A67-33974
- SIMMONS, W. A.
Weak-electromagnetic decays of hyperons in a broken SU/3/ operated as in SU/3/ model. 20 p3489 A67-37093
- SIMMONS, W. C.
Iridium coatings for the protection of graphite reentry structures. 20 p3465 A67-36607
- SIMMONS, W. F.
Where you can use today's superalloys. 16 p2686 A67-30487
Results of studies of thermal gradient effects on ceramic transducer sensors used in cosmic dust experiments. 19 p3229 A67-35170
- SIMMONS, W. W.
Pulse regenerative amplification in the argon-ion laser. 23 p4014 A67-41030
- SIMMS, R.
Comparative capabilities of advanced propulsion systems - Upper stage propulsion. [AIAA PAPER 67-509] 18 p3113 A67-33973
Systems analysis of radioisotope thermoelectric generators. 24 p4184 A67-42504
- SIMON, A.
Short-wave radio links /Kurzwellenverbindungen/. 07 p1150 A67-19343
- SIMON, B.
Growth mechanisms and crystalline quality

- of diamond type compounds and crystals in the III-V and II-VI groups /Mecanismes de croissance et qualite cristalline des composés du type diamant et des cristaux des groupes III-V et II-VI/. 13 p2177 A67-27009
- SIMON, E.
An inductive energy storage system using ignitron switching. 24 p4197 A67-42249
- SIMON, G. W.
Observations of horizontal motions in solar granulation - Their relation to supergranulation. 10 p1704 A67-22723
- SIMON, H.
Regulation of ventilation during rebreathing at imposed respiratory frequencies. 07 p1133 A67-19479
- SIMON, H. A.
Mass transfer cooling in laminar boundary layers with hydrogen injected into nitrogen and carbon dioxide streams. 04 p0733 A67-15840
The Eckert reference formulation applied to high-speed laminar boundary layers of nitrogen and carbon dioxide. 11 p1883 A67-24576
- SIMON, M.
Shock waves in the interplanetary medium. [AFOSR-66-2638] 07 p1251 A67-19848
Spectral density of the possibly random fluctuations of 3C 273. 16 p2752 A67-31696
An evolutionary sequence for strong radio sources. 23 p4069 A67-41361
- SIMON, R.
Carbon fibre composites. 10 p1671 A67-23495
- SIMON, W. E.
Transient thermodynamic analysis of a fuel cell system. 24 p4106 A67-42523
- SIMON, Y.
Skin effect in a type-II superconductor. 17 p2926 A67-33381
- SIMONENKO, A. N.
Disintegration of meteoroids in the earth's atmosphere. 12 p2002 A67-25552
- SIMONENKO, I. B.
Effect of high-frequency vibration on the formation of convection /O vliyanii vibratsii vysokoi chastoty na vozniknovenie konvektcii/. 03 p0401 A67-12870
- SIMONENKO, T. N.
Structure of the geomagnetic field /O strukture magnitnogo polia zemli/. 23 p3994 A67-40715
- SIMONENKO, V. A.
Discontinuities of shock adiabats and multivaluedness of some shock-wave compressions /Razryvy udarnykh adibat i mnogoznachnost' nekotorykh udarnykh szhati/. 16 p2659 A67-31043
- SIMONETT, D. S.
Present and future needs of remote sensing in geography. 01 p0058 A67-10308
Vegetation analysis with radar imagery. 01 p0059 A67-10329
Some empirical and theoretical interpretations of multiple polarization radar data. 01 p0059 A67-10330
K-band radar in vegetation mapping. 19 p3227 A67-34798
Imaging radars on spacecraft as a tool for studying the earth. 22 p3806 A67-40362
Potential research and earth resource studies with orbiting radars - Results of recent studies. [AIAA PAPER 67-767] 24 p4258 A67-42936
- SIMONI, A.
Component reliability at low stress levels and the significance of failure mechanisms. 05 p0774 A67-16734
- SIMONISHVILI, T. V.
Certain properties of polycrystalline nonalloyed molybdenum /Nekotorye svoystva polikristallicheskogo nelegirovannogo molibdena/. 05 p0832 A67-17510
Some properties of unalloyed molybdenum. 21 p3644 A67-38038
- SIMONNE, J.
Planar transistor stability under X-ray irradiation /Stabilite des transistors a structure plane soumis a l'action des rayons X/. 03 p0387 A67-13996
Degradations caused by surface effects in components with a plane structure subjected to the action of low-energy X rays /Degradations provoques par des effets de surface dans les composants a structure plane soumis a l'action des rayons X de faible energie/. 17 p2919 A67-32856

- SIMONNET, A.
Neutron emissions by noncylindrical discharges of revolution /Emission de neutrons par des décharges de révolution non cylindriques/. 10 p1683 A67-22844
- SIMONOV, I. U. L.
Power and efficiency of a tunnel-diode oscillator. 03 p0381 A67-13584
Possibility of cascaded frequency doublers without interstage tunnel-diode amplifiers. 05 p0777 A67-17173
- SIMONOVA, M. I.
Magnetic, microwave and electric properties of some oxide compounds of divalent europium. 16 p2733 A67-31732
- SIMONOVA, N. V.
Observation of the curvature distortion in spectral lines of a high-frequency pulsed plasma. 08 p1358 A67-20854
- SIMONS, I. A.
Some aspects of blade/vortex interaction on helicopter rotors in forward flight. 06 p0945 A67-17907
- SIMONS, J. C., JR.
Evaluation of uncertainties in vacuum gauge calibration. 09 p1498 A67-22109
Vacuum systems. 19 p3236 A67-35020
- SIMOVSKAIA, S. F.
Envelope-product distribution function of two Gaussian-noise-plus-pulsed-signal waveforms in the integration of n pulses. 05 p0767 A67-17397
- SIMPKINS, H. E.
Light-weight liquid helium dewar. 13 p2057 A67-27682
Lightweight liquid helium dewar. 22 p3808 A67-40391
- SIMPKINS, R. A.
Disappearance of thermal magnetic fluctuations in a superconductor. 17 p2913 A67-32272
- SIMPSON, F. M.
A rapid approximate method of determining axial-flow turbine disk and blade temperatures. [ASME PAPER 67-GT-14] 11 p1854 A67-24799
- SIMPSON, J.
A study of a non-deepening tropical disturbance. 13 p2152 A67-27805
- SIMPSON, J. A.
Abundances and energy spectra of galactic cosmic-ray nuclei above 20 Mev per nucleon in the nuclear charge range 2 less than or equal to Z less than or equal to 26. 02 p0307 A67-11687
Galactic deuterium and its energy spectrum above 20 Mev per nucleon. 03 p0472 A67-13390
The production and use of monoenergetic electron beams. 04 p0623 A67-15323
The heliocentric intensity gradients of cosmic-ray protons and helium during minimum solar modulation. 09 p1562 A67-22241
Composition and spectra of charged particles of solar and cosmic origin measured on satellites. 13 p2193 A67-27249
Dimension of the cosmic ray modulation region. 20 p3519 A67-37395
- SIMPSON, J. E.
Cold-beam-plasma interaction theory for finite transverse dimensions and finite magnetic fields. 02 p0272 A67-11884
- SIMPSON, J. W.
Dust-cloud moons of the earth. 07 p1256 A67-20165
- SIMPSON, R. S.
Evaluation of redundancy reduction algorithms. 02 p0197 A67-12015
- SIMPSON, R. W.
Future short haul air transportation in the northeast corridor of the USA. 03 p0536 A67-13783
Computerized schedule construction for a VTOL airbus transportation system. [AIAA PAPER 67-972] 24 p4127 A67-43049
- SIMPSON, T. J.
The ARSR Weather Surveillance System. 07 p1142 A67-19542
- SIMS, C. T.
A contemporary view of nickel-base superalloys. 12 p1958 A67-26128
- SIMS, R. F.
Aircraft A.C. electrical systems using changeover contactors and rapid fault clearance. 20 p3362 A67-36316
- SIMS, S. D.
Development of an industrial laser welder. 09 p1504 A67-22141
- SIMUNI, L. M.
Motion of a viscous conducting fluid in

- the inlet section of a plane diverging channel /Dvizhenie vliazkoj provodiashchei zhidkosti v nachal'nom uchastke ploskogo rasshirialushchegosia kanala/. 01 p0120 A67-10184
- SINACORI, J. B.
Control power usage for typical flight maneuvering in hover from a systematic analysis of flight test data of the VJ 101 aircraft and of a hover-rig. [AIAA PAPER 66-816] 01 p0010 A67-10538
Control-power usage for maneuvering in hover of the VJ 101 aircraft. 21 p3568 A67-38541
- SINAIKII, E. S.
Asymptotic properties of a special operator applicable to the description of creep media under variable load /Asimptotika spetsial'nogo operatora, imelushchego prilozhenia pri opisani polzuchikh sred, v usloviakh peremennoi nagruзки/. 06 p1107 A67-18638
Vibrations of an oscillator with residual creep. 11 p1876 A67-24682
- SINCLAIR, A. R.
Convective heating in regions of large favorable pressure gradient. [AIAA PAPER 67-162] 06 p1114 A67-18293
Convective heating in regions of large favorable pressure gradient. [AIAA PAPER 67-162] 23 p3932 A67-41714
- SINCLAIR, D. C.
Polarization characteristics of an ionized-gas laser in a magnetic field. 06 p1011 A67-18542
Transverse mode structure in unstable optical cavities. 13 p2129 A67-27350
- SINCLAIR, G.
Numerical solutions to electromagnetic scattering from strips, finite wedges, and notched circular cylinders. 05 p0763 A67-16850
- SINCLAIR, M.
Diffusive separation of ions and atoms in a shock wave. 15 p2470 A67-29227
- SINCLAIR, R. M.
Energy spreading and stabilization of plasma by applying a high-frequency electric field. 16 p2714 A67-30873
- SINCLAR, R. M.
Confinement of energetic plasma in magnetic mirrors in the model C stellarator. 15 p2523 A67-29213
- SINDEN, F. W.
Topology of thin film RC circuits. 04 p0592 A67-15079
- SINDLER, I. U. B.
Two-stage detection procedure without level quantization of signals. 05 p0765 A67-16954
- SINDONI, E.
Resonance effects in a low pressure weakly ionized plasma. 19 p3276 A67-35113
- SINELNIKOV, K. D.
Injection and trapping of charged particles in a magnetic mirror. 02 p0274 A67-12457
Capture of charged particles in pulsed injection into a trap with stationary fields. 02 p0274 A67-12458
Charged-particle energy distribution in a magnetic trap. 02 p0274 A67-12459
Investigation of plasmoid motion in a nonuniform transverse magnetic field /Issledovanie dvizhenia plazmennogo sgustka v neodnorodnom poperechnom magnitnom pole/. 02 p0278 A67-12623
Motion of a plasmoid in a nonuniform transverse magnetic field. 13 p2170 A67-27379
A bounded plasma flux in a magnetic field. 20 p3497 A67-36682
Investigation of the dielectric susceptibility of a plasma moving through a transverse magnetic field. 22 p3845 A67-39424
- SINELNIKOV, V. M.
On the altitude-time distribution of the electron concentration of the outer ionosphere and its stratum-inhomogeneous disturbance. I. 12 p1936 A67-25799
On inhomogeneous formations in the outer ionosphere. II. 12 p1936 A67-25800
- SINELNIKOVA, V. S.
Physical properties of aluminides of the transition metals. 13 p2131 A67-26471
- SINENOK, S. M.
Experimental determination of the coordinates of distant satellites with the aid of a TV system /Opyt opredelenia koordinat dalekikh sputnikov s pomoshch'yu televizionnoi sistemy/. 16 p2621 A67-30683
- SINES, G.
Elastic interaction between dislocations

- and tetragonal defects in anisotropic sodium chloride. 02 p0298 A87-11885
- SINEVA, N. V.**
Some problems relating to the design of three-phase helical electromagnetic pumps. 16 p2609 A87-31584
- SINGER, J.**
Inversion of the eccentricity effect in stiffened cylindrical shells buckling under external pressure. 04 p0716 A87-15746
Influence of in-plane boundary conditions on the stability of conical shells under hydrostatic pressure. 11 p1873 A87-24214
General instability of cylindrical shells with nonuniform stiffeners. 11 p1874 A87-24225
On the stability of eccentrically stiffened cylindrical shells under axial compression. 17 p2961 A87-32775
Buckling of conical shells heated along a generator. 19 p3343 A87-35772
The orientation of Cu sub 2 S formed on single crystal CdS. 21 p3677 A87-38011
- SINGER, J. R.**
Near-ultraviolet and visible radiation from a dynamic pinch. 02 p0272 A87-11880
- SINGER, K.**
Monte Carlo calculation of thermodynamic properties of simple fluids. 05 p0927 A87-16890
- SINGER, S. F.**
The origin and dynamical evolution of the moon. [AAS PAPER 66-192] 08 p1387 A87-20965
Zodiacal dust and deep-sea sediments. 15 p2553 A87-29157
The research potential of manned earth orbiting spacecraft in the field of meteorology. 16 p2759 A87-30687
On the origin of the Martian satellites Phobos and Deimos. 18 p3125 A87-34160
- SINGH RAO, S.**
Oscillations of an inhomogeneous cylindrical plasma column. 19 p3295 A87-35564
- SINGH, P.**
Rate of momentum loss to polar modes in semiconductors. 02 p0280 A87-11486
- SINGH, P. D.**
Franck-Condon factors and R centroids for the C approaches X band system of ZrO. 08 p1354 A87-20702
Vibrational transition probabilities and r centroids of the A goes to X band system of ZrO. 16 p2704 A87-31174
- SINGH, R.**
Nomograms for evaluating Richardson number for forecasting clear air turbulence. 05 p0838 A87-16709
- SINGH, R. N.**
Formation of equatorial electrojet current layers. 13 p2114 A87-26793
Study of ionospheric irregularities and related phenomena in the F region. [AGARDOGRAPH 95] 15 p2483 A87-30300
Effect of ionospheric irregularities on lateral deviation of radio waves reflected from the ionosphere. 18 p3004 A87-34617
Role of electric field generated in the equatorial electrojet region. 21 p3617 A87-38066
- SINGH, S.**
A new and stable nonlinear optical material. 22 p3863 A87-40236
- SINGHAKOWINTA, A.**
Gain capability of two-port amplifiers. 12 p1910 A87-25260
- SINGLER, A.**
Forenoon anomaly of the diurnal variation of the normal E layer of the ionosphere /Zur Vormittagsanomalie des Tagesganges der normalen E-Schicht der Ionosphaere/. 07 p1183 A87-20118
Forenoon anomaly in the diurnal variations of the normal E-layer of the ionosphere /Zur Vormittagsanomalie des Tagesganges der normalen E-Schicht der Ionosphaere/. 24 p4151 A87-42704
- SINGLETERY, B. H.**
A spacecraft microelectronic PCM multiplexer-encoder. 01 p0026 A87-10864
- SINGLETERY, J. B.**
The effects of space environment on structural materials. [SAE PAPER 660675] 01 p0094 A87-10581
- SINGLETERY, C. R.**
Cleaning by surface displacement of water and oils. 14 p2327 A87-28822
- SINGLETON, D. G.**
Broadband radio-star scintillations. [AGARDOGRAPH 95] 15 p2563 A87-30288
- The production of spread-F irregularities. [AGARDOGRAPH 95] 15 p2484 A87-30303
- SINGLETON, J. B.**
Beam-lead sealed-junction integrated circuits. 05 p0770 A87-16240
- SINGLETON, J. H.**
Calibration of low pressure Penning discharge type gauges. 06 p0950 A87-17748
- SINGLETON, R. E.**
Compressible laminar boundary layer on swept infinite cylinder with suction. 23 p3993 A87-41746
- SINGLETON, R. W.**
The effects of structural modifications on the critical properties of PBI fiber. 21 p3648 A87-37875
- SINHA ROY, J.**
Steady motion of elastico-viscous liquids between two coaxial circular cylinders with suction and injection. 21 p3613 A87-38411
- SINHA, K. P.**
The effect of magnetic element impurities on the resistivity of semiconductors. 22 p3859 A87-39625
- SINHA, N. K.**
Sensitivity of optimal control systems. 08 p1309 A87-20328
- SINHA, R. P.**
Radio observations of the quiet sun at 49 cm. 04 p0694 A87-14486
- SINIAK, I. U. E.**
Transformation of human waste products and the biocomplex to maintain a life cycle in small closed spaces /O transformatsii produktov zhiznedelatel'nosti cheloveka i biokompleksa pri osushchestvlenii krugovorota veshchestv v malyykh zamknutykh prostranstvakh/. 02 p0187 A87-12326
- SINIakov, E. V.**
Effect of mechanical pressure on polarization processes in BaTiO sub 3 single crystals and BaTiO sub 3 -ZnO solid solutions /Vlianie mekhanicheskogo davleniya na protsessy polarizatsii v monokristallakh BaTiO sub 3 i tverdykh rastvorakh BaTiO sub 3 -ZnO/. 03 p0489 A87-13145
- SINIAVSKII, A. L.**
Discrete analysis in plate and shell theory /Diskretnyy analiz v teorii plastin i obolochek/. 12 p2023 A87-25591
- SINIAVSKII, A. P.**
Possible reasons for the effect of electrode polarity on rail gun acceleration of plasma. 02 p0275 A87-12471
Limitation on plasmoid velocity in railotron devices. 02 p0275 A87-12472
- SINICKI, G.**
Measurement of thermal diffusivity by the short signal method /Mesure de la diffusivite thermique par la methode du signal bref/. 24 p4153 A87-41906
- SINISCALCO, G.**
Parametric expansions in the linear theory of cylindrical shells. 19 p3339 A87-35054
- SINITSA, N. G.**
Interaction between a beam and a plasma separated spatially /Vzaimodelstvie prostranstvenno razdelennykh puchka i plazmy/. 06 p1045 A87-18780
Interaction between spatially separated beams and a plasma. 18 p3086 A87-33721
- SINITSEN, E. M.**
Experimental study of the kinetics of boiling of a superheated liquid /Eksperimental'noe doslizhennia kinetiki zakipaniia peregritoli ridnli/. 09 p1580 A87-21907
- SINITSINA, L. P.**
Some properties of carbide and boride diffusion coatings on refractory metals. 19 p3243 A87-34921
- SINITSINA, V. G.**
Preliminary results of investigation of the nuclear component of cosmic rays by equipment carried by Electron 2. 02 p0310 A87-12583
- SINITSYN, A. P.**
Thermoelastic oscillations of a three-layer plate due to random pulses /Termouprugie kolebaniia trekhsloinno plastinki ot sluchainykh impul'sov/. 12 p2027 A87-25625
- SINITSYN, V. A.**
Elastoplastic properties of a number of metals exposed to explosive shock loading. 10 p1668 A87-23092
- SINITSYN, V. I.**
Suppression of instabilities in a pinch. 09 p1545 A87-22069
- SINIUTINA, G. B.**
Effect of hydrostatic pressure and temperature on the characteristics of tunnel p-n junctions in GaAs /Vlianie vvestoronnogo davleniya i temperatury na kharakteristiki tunnel'nykh p-n-perekhodov v GaAs/. 09 p1554 A87-21977
Influence of uniform pressure and of temperature on the characteristics of p-n tunnel junctions in GaAs. 17 p2923 A87-33314
- SINKE, G. C.**
The enthalpy of dissociation of nitrogen trifluoride. 06 p0955 A87-17985
Enthalpies of formation and bond energies of some fluoramines. 23 p3971 A87-40975
- SINNETT, J. M.**
Fuel ground thermal conditioning for performance gains. [AIAA PAPER 87-442] 18 p3019 A87-33919
- SINNOTT, J. F., JR.**
Solution of optimal control problems by the method of conjugate gradients. 16 p2651 A87-31678
- SINNOTT, N. F.**
Attitude control for spinning sounding rockets. 08 p1409 A87-20539
- SINODOVA, E. P.**
Physical properties of binary alloys of titanium in the quenched state /Fizicheskie svoystva dvoynnykh splavov titana v zakalennom sostoianii/. 07 p1206 A87-19281
- SINOU, P.**
Safety in the use of electrical detonators /La securite dans l'emploi des detonateurs electriques/. 17 p2927 A87-33093
- SINTON, W. M.**
On the composition of Martian surface materials. 11 p1865 A87-24603
- SIOKOS, TH. CHR.**
The three bodies' problem in the general theory of relativity. 16 p2745 A87-30747
- SIPES, W. A.**
The activity of oxygen in the liquid Fe-Pt alloy system. 02 p0256 A87-12708
- SIPLER, D.**
Mobilities and reactions of ions in argon. 20 p3492 A87-37690
- SIPPL, C. J.**
Computer Dictionary and Handbook. 04 p0579 A87-15947
- SIRAN, G.**
The ponderomotoric force and geomagnetic westward drift. 13 p2114 A87-26855
- SIRAZETDINOV, T. K.**
Optimal stabilization of Couette flow /Ob optimal'noi stabilizatsii techeniya Kuetta/. 04 p0610 A87-15885
Optimum control of elastic aircraft. 09 p1439 A87-22075
Theory of stability for processes with distributed parameters /K teorii ustoiichivosti protsessov s raspredeleennymi parametrami/. 10 p1681 A87-23667
On the theory of stability of processes with distributed parameters. 21 p3657 A87-38268
- SIRIEIX, M.**
Fundamental experiments on turbulent reattachment of a supersonic jet /Experiences fondamentales sur le recollement turbulent d'un jet supersonique/. 01 p0053 A87-11002
Contribution to the experimental study of the isobaric turbulent mixing layer of a supersonic flow /Contribution a l'etude experimentale de la couche de melange turbulent isobare d'un ecoulement supersonique/. 01 p0054 A87-11003
Experimental analysis of the near-wake of a slender body with no lateral support /Analyse experimentale du proche sillage d'un corps elance libre de tout support lateral/. 15 p2416 A87-29379
- SIRIGNANO, W. A.**
Non-steady burning phenomena of solid propellants - Theory and experiments. 15 p2580 A87-29984
- SIRKIS, M. D.**
Volume excitation of an ultrathin single-mode CdSe laser. 01 p0091 A87-10879
Volume excitation of an ultrathin continuous-wave CdSe laser at 6900 angstrom units output. 15 p2500 A87-29821
Space charge and oscillation effects in gold-doped silicon p-'-'-n diodes. 19 p3198 A87-36043

SIROLA, R. O.
Abel integral inverter. 16 p2634 A67-31428

SIROMANI, P.
Incidence of low clouds at Bombay airport /Santacruz/ with reference to jet landings with the help of the instrument landing system /ILS/. 05 p0838 A67-16711

SIROTA, N. N.
Effect of the degree of deformation on the superconducting properties of niobium and vanadium /Vlianie stepeni deformatsii na sverkhprovodiaschie svoystva niobila i vanadiia/. 04 p0686 A67-15986
Emission from p-n junctions in crystals of indium phosphide - Gallium arsenide solid solutions /Izluchenie n-p-perekhodov na kristallakh tverdykh rastvorov fosfida indlia - Arsenida gallia/. 05 p0865 A67-16941
Radiation of p-n junctions on crystals of solid solutions of indium phosphide and gallium arsenide. 14 p2368 A67-28486
Effect of the degree of deformation on the superconducting properties of niobium and vanadium. 14 p2366 A67-28489
Superconducting properties of vanadium-niobium alloys /Sverkhprovodiaschie svoystva splavov vanadiia s niobiem/. 17 p2874 A67-32973
Physical properties of semiconductors in terms of the energy and nature of their interatomic bonds /Fizicheskie svoystva poluprovodnikov v svyazi s energiei i kharakterom mezhatomnoi svyazi/. 18 p3094 A67-33435
Dynamic displacements of ions in the ZnTe-CdTe system /Dinamicheskie smeshcheniia ionov v sisteme ZnTe-CdTe/. 18 p3095 A67-33446
Forbidden bandwidth and linear-expansion coefficient of InP-GaAs semiconductor alloys /Shirina zapreshchennoi zony i koeffitsient liniinogo rasshireniia poluprovodnikovykh splavov InP-GaAs/. 18 p3095 A67-33447
Investigation of the absorption spectra of InSb-InAs solid solutions in connection with the band structure /Issledovanie spektrov pogloshcheniia tverdykh rastvorov InSb-InAs v svyazi so strukturoi zon/. 18 p3096 A67-33450
Frequency spectrum of silicon-lattice oscillations /Spektr chastot kolebani reshetki kremnia/. 18 p3098 A67-33629
Effect of uniaxial compression on the recombination radiation of indium phosphide p-n junctions /Vlianie odnoosnogo szhatia na rekombinatsionnoe izluchenie n-p-perekhodov na fosfide indlia/. 18 p3100 A67-33718
Temperature dependences of the electrical conductivity and the Hall coefficient of solid solutions of InSb-InAs /Temperaturnye zavisimosti elektroprovodnosti i postolannoi Kholla tverdykh rastvorov InSb-InAs/. 21 p3684 A67-38449
Current-carrier mobility in solid solutions of InSb-InAs /Podvizhnosti nositelei toka v tverdykh rastvorakh InSb-InAs/. 21 p3684 A67-38452
Study of the effect of high pressures and temperatures on the Hall constant and electrical conductivity of indium antimonide /Issledovanie vlianiia vysokikh davlenii i temperatur na postolannuiu Kholla i elektroprovodnost' antimonida indlia/. 22 p3864 A67-40323

SIROTENKO, V. G.
Intermediate phases in alloys of titanium with iridium, rhodium, and osmium. 13 p2131 A67-26472

SIROTIN, I. U.
Anisotropic vector functions of vector argument. 11 p1812 A67-24148

SIROTINSKAIA, A. A.
Measurement of tissue doses of cosmic radiation with the aid of nuclear emulsions /Izmerenie tkanykh doz kosmicheskogo izlucheniia iadernymi emul'siami/. 20 p3368 A67-36260

SIROTKIN, I. A.
Equations of an averaged axisymmetric vortex flow of an ideal incompressible fluid /Uraveniia osrednennogo osetimmetrichnogo vikhrevogo techeniia ideal'noi neszhimaemoi zhidkosti/. 14 p2296 A67-27986

SIROU, F.
Intensifying tubes for faint or rapidly changing images /Tubes intensificateurs d'images faiblement lumineuses ou rapidement evolutives/. 07 p1189 A67-20156

SIROVICH, L.
Mixtures of Maxwell molecules. 08 p1355 A67-21116
Initial and boundary value problems in dissipative gas dynamics. 08 p1322 A67-21384
Dissipative wave propagation in compressible magnetohydrodynamics. 11 p1825 A67-23867
Plane wave propagation in kinetic theory. 17 p2905 A67-32927
Plane wave propagation in kinetic theory. 17 p2885 A67-32928
Boundary-value problems in compressible magnetohydrodynamics. 21 p3660 A67-37742

SIRY, J. W.
Tracking and orbit determination considerations. 09 p1464 A67-22055

SISAKIAN, I. N.
Contribution of statistical processes to elastic scattering /O vklade statisticheskikh protsessov v uprugoe rasselanie/. 02 p0315 A67-12750
Contribution of statistical processes to elastic scattering. 22 p3841 A67-40252

SISCO, W. B.
Bit and message error rates in atmospheric noise with and without peak limiting. 02 p0203 A67-12165

SISCOE, G. L.
Magnetic fluctuations in the magnetosheath - Mariner 4. 07 p1179 A67-19911

SISSINGH, G. J.
Response characteristics of the gyro-controlled Lockheed rotor system. [AHS PAPER 131] 16 p2599 A67-31845

SISSOM, A. W.
Source encoding and preprocessing. 18 p3004 A67-34613

SISSOM, L. E.
Normal shock location in adiabatic constant-area ducts with friction. 15 p2470 A67-29441

SITARSKI, G.
Close approach of Parislan Comet /1759 III/ to Jupiter. 04 p0701 A67-15450
Improved ephemeris of Comet Grigg-Skjellerup for 1966/67 after its approach to Jupiter in 1964. 04 p0701 A67-15451
Correction of cometary orbits in rectangular coordinates. 11 p1868 A67-25084
Comet P/Wolf I in 1958-1968. 11 p1868 A67-25085
The orbit of the periodic comet Harrington /1953 VI/. 24 p4226 A67-41964

SITENKO, A. G.
Scattering and transformation of waves in a magnetoactive plasma. 08 p1358 A67-20863
Collective oscillations in a plasma. 20 p3493 A67-36139

SITENKO, O. G.
Fluctuation-dissipative ratio for nonequilibrium systems /Pro fluktuatsionno-dissipativnye splivdnosheniia dlia nerilnovozhnikh sistem/. 04 p0673 A67-15968

SITNEY, L. R.
High altitude, high voltage breakdown in an electric propulsion flight test system. 04 p0704 A67-14997

SITNIK, G. F.
The possibility of formation of triatomic molecules in the solar atmosphere. 18 p3119 A67-33858

SITNIKOVA, L. S.
Multistable pulse-frequency elements. 01 p0043 A67-10239
Study of the dynamics of counting control of multistable elements /Issledovanie dinamiki pereschetnogo upravleniia mnogoustoiichivymi elementami/. 01 p0044 A67-10497
Investigation of the dynamics of scaling control of multistable elements. 10 p1621 A67-23619
Reversible counter using a decimal register /Reversivnyi schetchik na osnove desiatichnogo registra/. 22 p3809 A67-40479

SITNIKOVA, V. V.
Method for the experimental determination of the nonstationary component of drag coefficient with the aid of analog computers /Ob odnom sposobe eksperimental'nogo opredeleniia nestatsionarnoi sostavliashchiel koefitsienta lobbogo soprotivleniia s pomoshch'iu modeliruiushchikh ustroystv/. 18 p3023 A67-33425

SITT, B.
On the determination of current densities in plasma accelerated by traveling waves /Sur la determination des densites de

courant dans un plasma accelere par ondes progressives/. 14 p2359 A67-28509

SITTEL, K.
Effects on radar of plasma produced by high-altitude nuclear detonation. 04 p0569 A67-14506

SITTERLY, C. E. M.
Molecules in the sun. 13 p2203 A67-27428

SITZ, P.
The choice of trial functions in the perturbation-variation method. 21 p3659 A67-38004

SIUNIAEV, R. A.
Measurements of the ultraviolet radiation of the metagalactic gas, made outside the atmosphere. 18 p3116 A67-33524
Extra-atmospheric measurements of the UV and X-ray background and their role in intergalactic gas studies /Vneatmosfernye izmereniia ul'traioletovogo i rentgenovskogo fona i ikh roli v izuchenii mezgalakticheskogo gaza/. 21 p3705 A67-38591

SIVAKOVA, E. V.
Thermal conductivity and degree of blackness of aluminum oxide coatings at high temperatures /Teploprovodnost' i stepen' chernoty pokrytiia iz oksii aluminila pri vysokikh temperaturakh/. 03 p0536 A67-13608
Thermal conductivity and emissivity of aluminum oxide coatings at high temperatures. 18 p3161 A67-34473

SIVARAM, B. M.
Horizontal drift and anisotropy in the F1-region. 01 p0057 A67-10117
The interaction of the ultra-violet and near infrared laser systems of molecular nitrogen. 20 p3461 A67-37292

SIVASHINSKII, G. I.
Existence and stability of solutions in the theory of stationary thermal explosions /O sushchestvovanii i ustoiichivosti reshenii v statsionarnoi teorii teplovogo vzryva/. 10 p1734 A67-23679
On existence and stability of solutions of steady-state theory of a thermal explosion. 21 p3731 A67-38280

SIVERTSEN, D. R.
Property changes induced by electron beam exposure in various semiconductor and dielectric materials. 04 p0681 A67-15314

SIVJEE, G. G.
Response of mu-meson detectors deep in the atmosphere to primary cosmic-ray particles of magnetic rigidity between 10 and 25 gv. 15 p2549 A67-29184

SIVOKOBYLENKO, V. F.
Measurement of the rate of rotation of mechanisms with a photoelectric sensor /Izmerenie skorosti vrashcheniia mekhanizmov fotoelektricheskimi datchikami/. 22 p3796 A67-39341

SIX, N. F.
Directional characteristics of the lunar thermal emission. [AIAA PAPER 67-291] 12 p2009 A67-26008

SIXOU, P.
Contribution to the study of Hertzian relaxation spectra of various metal oxide semiconductor structures /Contribution a l'etude des spectres Hertiens de relaxation de diverses structures metal-oxide-semi-conducteur/. 03 p0493 A67-13453

SIZELOVE, J. R.
Analysis of translucent and opaque photocathodes. 07 p1185 A67-19408
Narrow spectral response Schottky photodiodes. 23 p3981 A67-41272

SIZONENKO, V. L.
Quasi-linear theory of Cerenkov and cyclotron damping of electromagnetic waves in a plasma /K kvazilineinai teorii cherenkovskogo i tsiklotronnogo zatukhaniiia elektromagnitnykh voln v plazme/. 01 p0124 A67-10747
Contribution to the theory of decay of electromagnetic waves in a magnetoactive plasma. 03 p0475 A67-12934
Quasilinear theory of Cerenkov and cyclotron damping of electromagnetic waves in a plasma. 13 p2166 A67-26776
Quasi-linear theory of oscillations of a magnetoactive plasma /Do kvazilineinai teorii kollvan' magnitoaktivnoi plazmi/. 14 p2361 A67-28753
Plasma instability in the electric field of an ion-cyclotron wave. 22 p3852 A67-39989

SJOELUND, A.
Coupling of waves in a hot inhomogeneous

- anisotropic electron plasma. 07 p1228 A67-19509
Parametric coupling between ion and electron waves. 17 p2906 A67-33061
Non-linear coupling in a magnetized plasma. 20 p3501 A67-37181
- SJOGREN, W. J.**
Physical constants as determined from radio tracking of the Ranger lunar probes. [AAS PAPER 66-105] 13 p2208 A67-27523
- SJOGREN, W. L.**
Lunar orbiter ranging data - Initial results. [JPL-TR-32-1087] 05 p0901 A67-17201
Physical constants as determined from radio tracking of the Ranger lunar probes. [AAS PAPER 66-105] 07 p1253 A67-19965
Estimate of four topocentric lunar radii. 18 p3131 A67-34324
- SKAKAUSKAS, V. I.**
Certain exact solutions of kinetic equations /Nekotorye tochnye reshenia kineticheskikh uravnenii/. 05 p0849 A67-17113
- SKAKOV, IU. A.**
The anomalous change in the X-ray interference pattern on the ageing of nickel-beryllium alloys. 19 p3245 A67-35471
- SKALA, K.**
Experimental identification of systems by adapting of the parallel model. 15 p2464 A67-30336
- SKALINSKI, T.**
Physical aspects of phenomena and processes investigated by the optical pumping method /Fizyczne aspekty zjawisk i procesow badanych metoda pompowania optycznego/. 14 p2333 A67-28969
- SKALMIERSKI, B.**
Viscoelastic cylindrical shell resting on a viscoelastic base with a monodirectional characteristic /Lepkosprezysta powloka walcowa na podlozu lepkosprezystym o jednokierunkowej charakterystyce/. 10 p1717 A67-22945
- SKALNIK, J. G.**
Generalized turn-on criterion of p-n-p-n devices. 22 p3770 A67-39731
- SKALSKAIA, I. P.**
Certain boundary-value problems of mathematical physics and the theory of elasticity for a single-cavity hyperboloid of revolution /Nekotorye kraevye zadachi matematicheskoi fiziki i teorii uprugosti dlia odnopolostnogo giperboloida vrashcheniia/. 02 p0338 A67-11955
Integral expansion of an arbitrary function in terms of spherical functions. 11 p1812 A67-24149
Some boundary value problems of mathematical physics and of the theory of elasticity for a hyperboloid of revolution of one sheet. 17 p2966 A67-33272
- SKARAEUS, S.**
The S.R.T. daylight display system for ATC. 07 p1221 A67-19543
- SKARSGARD, H. M.**
Wave-plasma interactions involving intense runaway electron streams. 19 p3291 A67-35381
Orbit analyzer probes for the measurement of plasma temperatures. 22 p3798 A67-39626
Experimental investigation of Langmuir probes. 24 p4197 A67-42261
- SKATETSKII, V. G.**
Solution in finite form of certain systems of ordinary second-order differential equations /Reshenie v konechnom vide nekotorykh sistem obyknovennykh differentsial'nykh uravnenii vtorogo poradka/. 07 p1214 A67-19179
- SKEDD, R. F.**
New type of magnetically tunable multisection bandpass filter in ferrite-loaded evanescent waveguide. 22 p3772 A67-39907
- SKEHAN, J. W.**
Continental-oceanic boundaries of earth and their relevance to tectonic speculations about the moon and the planets. 06 p1091 A67-19003
- SKELLAND, A. H. P.**
Non-Newtonian flow and heat transfer. 08 p1322 A67-21268
- SKELTON, E. F.**
Measurements of the thermal variation of the X-ray Debye temperature of pure nickel and chromium. 06 p1015 A67-17850
- SKELTON, G. B.**
Launch booster gust alleviation. [AIAA PAPER 66-969] 02 p0332 A67-12292
Launch booster gust alleviation. 22 p3897 A67-39162
- SKELTON, R. G.**
Flexible anisotropic magnets. 23 p4041 A67-41183
- SKEWS, B. W.**
The shape of a diffracting shock wave. 20 p3422 A67-36847
The perturbed region behind a diffracting shock wave. 23 p3990 A67-41172
- SKHUROPAT, P. I.**
Heating, by laser radiation, of a plasma situated in a strong magnetic field /O nagreve izlucheniem lazera plazmy, nakhodiashechelsia v sil'nom magnitnom pole/. 18 p3060 A67-34041
- SKIBA, I. A.**
Certain features of the physiological reactions of pilots during a simulated stay outside a spacecraft /Nekotorye osobennosti fiziologicheskikh reaktsii pilotov pri imitatsii vykhoda iz kosmicheskogo korablia/. 24 p4113 A67-42054
- SKIBENKO, A. I.**
Anomalous decay of a discharge plasma with oscillating electrons in a strong magnetic field /Anomal'nyi raspad plazmy razriada s ostsilliruiushchimi elektronami v sil'nom magnitnom pole/. 02 p0278 A67-12624
Investigation of the spatial plasma density distribution on the basis of microwave beam refraction with several frequency components /Issledovanie prostranstvennogo raspredeleniia plotnosti plazmy po refraktsii mikrovolnovogo luchsa s neskol'kimi chastotnymi sostavilalushchimi/. 02 p0278 A67-12624
Structure of plasmoids formed by a coaxial gun-effect of electrode polarities. 06 p1040 A67-18085
Anomalous decay of the plasma in a PIG discharge in a strong magnetic field. 13 p2170 A67-27376
Spatial distribution of plasma density studied by refraction of microwave beam with several frequency components. 13 p2171 A67-27380
Anomalous decay of a discharge plasma with oscillating electrons in a strong magnetic field /Anomal'nyi raspad plazmy razriada s ostsilliruiushchimi elektronami v sil'nom magnitnom pole/. 16 p2717 A67-31181
Comparison of microwave methods of plasma diagnostics /Sravnenie mikrovolnovykh metodov issledovaniia plazmy/. 21 p3670 A67-38688
Investigation of the spatial distribution of plasma density from the refraction of a microwave beam with several frequency components /Issledovanie prostranstvennogo raspredeleniia plotnosti plazmy po refraktsii mikrovolnovogo luchsa s neskol'kimi chastotnymi sostavilalushchimi/. 21 p3670 A67-38688
- SKIBENKO, E. I.**
Effect of the nozzle configuration on a gas flow in vacuum /Vliianie konfiguratsii sopla na sverkhzvukovoe istechenie gaza v vakuum/. 06 p0943 A67-18781
Effect of nozzle geometry on flow of a supersonic jet into a vacuum. 18 p2982 A67-33723
- SKIBINA, L. V.**
Stability of the austenite in some Fe-Cr-Ni alloys under low-temperature strain /Stabil'nost' austenita v nekotorykh Fe-Cr-Ni-splavakh pri nizkotemperaturnoi deformatsii/. 04 p0636 A67-14753
Stability of austenite in some Fe-Cr-Ni alloys in deformation at low temperatures. 18 p3066 A67-34411
- SKIDMORE, I. C.**
The physics of detonation. 16 p2778 A67-30837
- SKIEPKO, J.**
Application of double-concurrent waves to one-dimensional nonstationary problems with discontinuous limit conditions /Application des ondes doubles concourantes aux problemes non stationnaires unidimensionnels avec des conditions aux limites discontinues/. 10 p1824 A67-22923
- SKIFSTAD, J. G.**
Irregular refraction of a strong shock wave by a wedge of hot gas. 11 p1775 A67-23878
Interaction of a shock wave and an arc discharge. 19 p3294 A67-35407
- SKINGLEY, J. A.**
Monolithic circuits for R.F. communications systems. 14 p2282 A67-28027
- SKINNER, D. B.**
Measurement of gastroesophageal reflux in the evaluation of hiatus hernia and chest pain in fliers. 21 p3574 A67-38084
Measurement of gastroesophageal reflux in the evaluation of hiatus hernia and chest pain in fliers. 23 p3954 A67-41599
- SKINNER, G. M.**
Plasma needle arc for very low current work. 03 p0430 A67-13690
High quality plasma arc cutting and piercing. 20 p3456 A67-37694
- SKINNER, G. T.**
Speed-ratio measurements in nonequilibrium nozzle and free-jet expansions. 14 p2301 A67-28182
- SKINNER, J. H., JR.**
Friction and heat-transfer effects on the nonsteady flow behind a detonation. 23 p3993 A67-41744
- SKINNER, K. L.**
The application and control of on-board test and checkout systems. 03 p0400 A67-14215
- SKINNER, N. J.**
Eclipse effects in the equatorial F-region. 10 p1651 A67-23342
- SKINNER, S. M.**
Thermoelectric energy conversion by thin films - Experiment and theory. 24 p4108 A67-42555
- SKLADANY, J. T.**
Determination of net thermal energy incident on a satellite. [ASME PAPER 67-HT-56] 20 p3549 A67-36738
- SKLAROFF, J. R.**
The use of a differential approximation in the design of a near-time optimal guidance system. 22 p3832 A67-39966
- SKLENAR, G.**
Impulse discharge tubes for laser employing industrial glass /Impulzni vybojky pro laser z CS. technickeho skla/. 07 p1195 A67-19506
- SKLENSKY, A. F.**
Apparatus for spectral bidirectional reflectance measurements during ultraviolet irradiation in vacuum. [AIAA PAPER 65-872] 03 p0419 A67-13040
- SKLIZKOV, G. V.**
Heating and scattering of a plasma produced by a giant laser pulse focused on a solid target /Nagrevanie i razlet plazmy, obrazulushchelsia pri vozdeltstvi sfokussirovannogo gigant'skogo impul'sa lazera na tverduu mishen'/. 03 p0486 A67-14194
Evaporation and heating of a substance due to laser radiation. 05 p0819 A67-16652
Formation of a long spark in air under the effect of weakly focused laser radiation /Obrazovanie dlnoi iskry v vozdukhie pod vozdeltstviem slabo sfokussirovannogo izlucheniia lazera/. 13 p2129 A67-27628
Heating and decay of plasma produced by a giant laser pulse focused on a solid target. 14 p2360 A67-28539
Formation of a long spark in air by weakly focused laser radiation. 21 p3642 A67-38824
- SKLOVSKII, N. B.**
Noise immunity in detecting and determining the temporal shift of sequences of incoherent pulses subjected to pseudorandom amplitude keying. 24 p4120 A67-42233
- SKOBLIK, I. P.**
Structure of plasmoids formed by a coaxial gun-effect of electrode polarities. 06 p1040 A67-18085
- SKOBOV, V. G.**
Electromagnetic waves in metals in a magnetic field. 14 p2366 A67-28426
On the possibility of existence of quantum electromagnetic waves in metals. 20 p3464 A67-36224
- SKODA, Z.**
Contribution to the solution of the problem of reduction of the pitching moment of an aerodynamic profile /Prispevek k reseni problemu o snizeni klopilych momentu aerodynamickych profilu/. 04 p0545 A67-14411
Contribution to the theory of a profile with a jet flap /Prispevek k teorii profilu s tryskovou klappkou/. 19 p3172 A67-35819
- SKOFRONICK, J. G.**
Behaviour of discontinuous, thin gold films as a function of time and temperature. 02 p0292 A67-11747
- SKOGH, J.**
Analysis of flexible baffles for damping tank sloshing. [AIAA PAPER 66-97] 05 p0793 A67-17210

- SKOGLUND, V. J.
Pressure oscillations induced by forced convection heating of dense hydrogen. 13 p2107 A67-27670
- SKOKOV, I. V.
Rarefied-gas flow past a sphere /Obtekanie sfery potokom razrezhnogo gaza/. 09 p1438 A67-22216
Rarefied gas flow past a cylinder /Obtekanie tsilindra potokom razrezhnogo gaza/. 10 p1625 A67-23043
Experimental investigation of the flow of a rarefied gas past a sphere /Eksperimental'noe issledovanie obtekanila sfery potokom razrezhnogo gaza/. 16 p2656 A67-30453
Flow of a rarefied gas past a sphere. 18 p2982 A67-33755
- SKOLNICK, M. L.
A phase comparison optical discriminator. 08 p1339 A67-21378
Saturated neon absorption inside a 6328-angstrom units laser. 16 p2685 A67-31033
- SKOLNIK, L. H.
An infrared imaging system for launch and re-entry measurements. 18 p3052 A67-34532
- SKOMAL, E. N.
Man-made noise. I. 06 p0965 A67-18834
Comparative radio noise levels of transmission lines, automotive traffic, and RF stabilized arc welders. 24 p4123 A67-42718
- SKORECKI, J.
Some formulae for deflection and volumetric displacement of a flat circular plate. 01 p0184 A67-11273
- SKORIK, A. G.
Reversible counter using a decimal register /Reversivnyi schetchik na osnove desiatichnogo registra/. 22 p3809 A67-40479
- SKOROBGATOV, B. S.
Electroluminescence and semiconducting properties of CdF sub 2 single crystals activated by rare earth ions. 24 p4205 A67-42893
- SKOROKHOD, A. V.
Nonlinear transformations of stochastic measures in functional spaces. 02 p0259 A67-11922
Limit theorems for random walks. 04 p0644 A67-14755
Homogeneous Markov processes without discontinuities of the second kind /Odnorodnye markovskie protsessy bez razryvov vtorogo roda/. 17 p2878 A67-32735
- SKOROKHOD, V. V.
Activated sintering of tungsten and molybdenum powders /Aktivirovanoe spekanie poroshkov vol'frama i molibdena/. 20 p3466 A67-36911
- SKOUSON, G. W.
Diffusion and epitaxial equipment. 19 p3236 A67-35019
- SKOWRONEK, M.
Study of a high-energy linear discharge in an ionized gaseous filament /Etude d'une decharge lineaire de forte energie dans un filament gazeux ionise/. 19 p3176 A67-35133
- SKOWRONEK, P. J., JR.
Use of statistically designed experiments in wind-tunnel test programs. [AIAA PAPER 66-742] 17 p2834 A67-32571
- SKREBTSOV, G. P.
Geometrical factor and radiation pattern for single crystalline detectors and a coaxial telescope /Geometricheskii faktor i diagramma napravlenosti dlia odnochnykh kristallicheskikh detektorov i soosnogo teleskopa/. 02 p0240 A67-11542
Shape factor and directional diagram for single crystal detectors and a coaxial telescope. 16 p2877 A67-31608
- SKRIABIN, N. G.
Screen effects and cosmic ray intensity beyond the limits of the atmosphere /Ekrannye efekty i intensivnost' kosmicheskikh luchel za predelami atmosfery/. 02 p0307 A67-11688
Preliminary results of investigating the variations in the intensity of cosmic rays by the Cosmos-25 satellite /Predvaritel'nye rezul'taty issledovaniia variatsii intensivnosti kosmicheskikh luchel na ISZ Cosmos-25/. 05 p0878 A67-16092
Shielding effects and cosmic-ray intensity beyond the atmosphere. 16 p2738 A67-31083
Preliminary results of a study of cosmic ray intensity variations by means of Kosmos 25. 24 p4213 A67-42768
- SKRIPIN, G. V.
Distribution of cosmic rays and the reception vectors of the detector. I

- /Raspredelenie kosmicheskikh luchel i priemnye vektory detektorov. I/. 05 p0884 A67-17121
Cosmic-ray distribution and receiving vectors of detectors. II /Raspredelenie kosmicheskikh luchel i priemnye vektory detektorov. II/. 10 p1698 A67-22778
Cosmic-ray distribution and the acceptance vectors of detectors. I. 21 p3696 A67-38464
Cosmic-ray distribution and the reception vectors of detectors. III /Raspredelenie kosmicheskikh luchel i priemnye vektory detektorov. III/. 21 p3699 A67-39018
Cosmic-ray distribution and the acceptance vectors of detectors. II. 24 p4209 A67-42114
- SKRIPNICHENKO, S. IU.
Effect of free-floating horizontal control surfaces on the longitudinal perturbed motion of an aircraft /O vliianii svobodnoplavalushchego oopenila na prodol'noe vozmushchennoe dvizhenie samoleta/. 10 p1595 A67-23606
- SKRIPOV, V. P.
Experimental study of the kinetics of boiling of a superheated liquid /Eksperimental'noe doslzhdeniia kinetiki zaklpaniia peregritot ridin/. 09 p1580 A67-21907
- SKRTIC, M. M.
Analysis of lifting reentry at steep angles and medium to low velocities. 20 p3532 A67-36577
- SKRUCH, H. J.
An application of self-lubricated composite materials. [ASLE PREPRINT 67AM 7A-3] 14 p2326 A67-28791
- SKRYPNIK, G. I.
Effect of the motion of a source of cosmic radiation on the frequency spectrum of amplitude and phase fluctuations in turbulent atmosphere /O vliianii dvizheniia kosmicheskogo istochnika na chastotnyi spektr fluktuatsii amplitudy i fazy v turbulentnoi atmosfere/. 05 p0761 A67-18344
- SKRZYDLEWSKI, S.
The effect of wing twist distortion on glider static longitudinal stability with stick fixed. 18 p2988 A67-34373
- SKUBINNA, E.
Construction of new dirigibles for the resumption of German lighter-than-air transport /Zur Frage des Neubaues von Luftschiffen fuer die Wiederaufnahme eines deutschen Luftschiffverkehrs/. 22 p3745 A67-39751
- SKUKINA, I. S.
Improvement of the radiation resistivity of potatoes in conditions of anoxia /Povyshenie radiorezistentnosti kartofella v usloviakh anoksii/. 13 p2058 A67-26755
- SKUMANICH, A.
An integral equation for the line source function and its numerical solution. 22 p3896 A67-40529
- SKURATOVA, I. S.
Meridional circulation in the mesosphere and stratosphere /K voprosu o meridional'noi tsirkulatsii v mezosfere i stratosfere/. 13 p2113 A67-26678
- SKURATOVA, N. V.
Effect of an axial magnetic field on the power output of a neon-helium laser operating in a regime of simultaneous generation of the 3.39 and 0.6328- μ m lines /Vliianie aksial'nogo magnitnogo polia na vykhodnuiu moshchnost' neon-gellevogo lazera, rabotaiushchego v rezhime odnovremennoi generatsii linii 3.39 i 0.6328 mk/. 07 p1196 A67-19601
Effect of an axial magnetic field on the output power of a neon-helium laser simultaneously generating lines of 3.39 and 0.6328 microns. 20 p3462 A67-37340
- SKUREDIN, V. P.
Measurement of tissue doses of cosmic radiation with the aid of nuclear emulsions /Izmerenie tkanevykh doz kosmicheskogo izluchenila ladernymi emul'siami/. 20 p3368 A67-36260
- SKURIDIN, G. A.
Measurement of the effective cross section of the inelastic interaction of protons with carbon nuclei at energy levels of 10 super 10 to 10 super 12 ev by the Proton-1 satellite /Izmereniia effektivnykh sechenii neuprugogo vzaimodelstviia protonov s iadrami ugleroda pri energiyakh 10 super 10 -10 super 12 ev na ISZ Proton-1/. 02 p0315 A67-12757
Motion of charged particles in an acute-

- angled trap /K voprosu o dvizhenii zarlazhennykh chastits v ostrougol'noi lovushke/. 03 p0486 A67-14064
Measurement of the energy spectrum of primary cosmic rays in the energy range from 10 super 10 to 10 super 14 ev with the aid of the satellite Proton 1 /Izmerenie energeticheskogo spektra pervichnykh kosmicheskikh luchel v oblasti energii 10 super 10-10 super 14 ev s pomoshch'yu ISZ Proton-1/. 05 p0877 A67-16086
Investigation of cosmic rays by the stations Proton 1 and Proton 2 /Issledovaniia kosmicheskikh luchel stantsiiami "Proton-1" i "Proton-2"/. 08 p1376 A67-21001
Exploration of cosmic space in the USSR. 08 p1394 A67-21110
Injection of solar wind particles into the magnetosphere in the neighbourhood of a neutral point. 12 p1991 A67-25109
Motion of a charged particle in the magnetosphere under the action of a sudden geomagnetic impulse. 12 p1992 A67-25118
The motion of charged particles in the neighborhood of a neutral point. 12 p1975 A67-25643
Motion of charged particles in an acute-angled trap. 13 p2172 A67-27717
Investigation of primary cosmic rays at the Proton-1 scientific station. 16 p2737 A67-30647
Study of the energy spectrum and the composition of primary cosmic rays in the high-and superhigh-energy range on the satellites Proton 1 and 2 /Izuchenie energeticheskogo spektra i sostava pervichnykh kosmicheskikh luchel v oblasti vysokikh i sverkhvysokikh energii na ISZ "Proton-1" i "Proton-2"/. 17 p2935 A67-32246
Measurement by the satellites Proton 1 and 2 of the effective cross sections of inelastic interactions between 10 super 10 to 10 super 12 ev protons and carbon nuclei /Izmereniia na ISZ "Proton-1" i "Proton-2" effektivnogo secheniia neuprugogo vzaimodelstviia s iadrami ugleroda protonov s energiyami 10 super 10 - 10 super 12 ev/. 17 p2935 A67-32247
On transport of charged particles under the effect of electromagnetic pulses. 19 p3313 A67-35212
Measurements on board the satellite Proton 1 of the cross sections for inelastic interaction of protons with carbon nuclei at energies of 10 super 10-10 super 12 ev. 22 p3876 A67-40259
Study of the form of the energy spectrum of primary cosmic particles in the energy range from 10 super 10 to 10 super 14 Ev on the Proton 1 and 2 space stations /Izuchenie vida energeticheskogo spektra pervichnykh kosmicheskikh chastits v diapazone energii 10 super 10 -10 super 14 Ev na kosmicheskikh stantsiiakh Proton-1 i Proton-2/. 23 p4054 A67-41091
Energy spectrum of primary protons in the range from 10 super 10 to 10 super 13 ev according to Proton 1 and 2 data /Energeticheskii spektr pervichnykh protonov v oblasti energii 10 super 10 -10 super 13 ev po dannym Protiona-1 i Protiona-2/. 23 p4054 A67-41092
Study of high-energy cosmic-ray particles with the aid of "Proton" artificial earth satellites /Izuchenie chastits kosmicheskikh luchel vysokoi energii na iskusstvennykh sputnikakh zemli "Proton"/. 24 p4210 A67-42391
Measurements of the energy spectrum of cosmic rays in the 10 super 10 to 10 super 14 ev range by means of Proton 1. 24 p4212 A67-42762
Measurement of the effective cross section of inelastic interaction between protons and carbon nuclei at energies from 10 super 10 to 10 super 12 ev on the Proton 1 and 2 space stations /Izmereniia effektivnogo secheniia neuprugogo vzaimodelstviia protonov s iadrami ugleroda v diapazone energii 10 super 10 -10 super 12 ev na kosmicheskikh stantsiiakh Proton-1 i Proton-2/. 24 p4219 A67-42843
- SKURIN, L. I.
Turbulent MHD boundary layer in a fluid of constant electrical conductivity /Turbulentnyi magnitogidrodinamicheskii pogranichnyi sloi v zhidkosti s postoiannoii elektroprovodnost'yu/. 06 p1043 A67-18872
Turbulent MHD boundary layer in a compressible fluid /Turbulentnyi magnitogidrodinamicheskii pogranichnyi sloi

- v szhimaemol zhidkosti/. 13 p2169 A67-27312
Turbulent MHD boundary layer in the presence of a linear pressure gradient /Turbulentnyi MGD-pogranichnyi sloi pri nalichii prodol'nogo gradienta davleniya/. 21 p3665 A67-38244
- SKURLATOV, E. D.**
Stability of a circular cylindrical shell in a supersonic gas flow /Ob ustoiichivosti krugovoi tsilindricheskoj obolochki v sverkhzvukovom potoke gaza/. 21 p3725 A67-38788
- SKVORTSOV, I. U. V.**
Current distribution along the electrodes of a pulsed coaxial plasma gun /Raspreделение тока vdol' elektrodov impul'snogo koaksial'nogo inzhektorov plazmy/. 02 p0278 A67-12621
Current distribution along the electrodes of a pulsed coaxial plasma injector. 13 p2170 A67-27377
Certain characteristics of pulsed cascade plasma injectors /Nekotorye kharakteristiki kaskadnykh impul'snykh inzhektorov plazmy/. 19 p3297 A67-35597
- SKVORTSOV, S. S.**
Measurement of tissue doses of cosmic radiation with the aid of nuclear emulsions /Izmerenie tkanevykh doz kosmicheskogo izlucheniya ladernymi emul'siami/. 20 p3368 A67-36260
- SKWIRCZYNSKI, T.**
An electrodynamic exciter /Wzbudnik elektrodynamiczny/. 22 p3780 A67-39553
- SLABKOVSKII, I. S.**
Correlation between the K-absorption edge and other properties of some nickel-rich solid solutions. 06 p1017 A67-17952
- SLABOSPITSKII, R. P.**
Ionizer with a three-electrode electron gun and an ionization efficiency of 2.10 super -3. 18 p3080 A67-33722
- SLACHMUYLDERS, E.**
Description of static magnetisation curve of ESRO I magnetic damping system. 21 p3678 A67-38216
- SLADEK, R. J.**
Transport properties and localized spins in n-type InSb. 06 p1068 A67-18968
- SLADKY, K.**
A method for solving linear differential equations with given boundary conditions on an analog computer /O jedne metode reseni linearnich differentsialnykh rovnice se zadanyimi okrajovymi podminkami na analogovom pocitaci/. 17 p2818 A67-32296
- SLAGLE, O. D.**
Deformation mechanisms in polycrystalline graphite. [ACS PAPER 6-N-66F] 24 p4175 A67-42372
- SLAIBY, T. G.**
Designing the JT9D engine to meet low noise requirements for future transports. [SAE PAPER 670331] 17 p2929 A67-32984
- SLAMA, L.**
Measurement of the density of a developing plasma obtained through laser ionization by means of a Fabry-Perot interferometer /Mesure de la densite d'un plasma en evolution obtenu par ionisation laser a l'aide de l'interferometre Fabry-Perot/. 15 p2527 A67-29474
Holography. 19 p3228 A67-34949
Ion-energy spectrum of a laser-created alumina plasma /Spectre d'energie des ions d'un plasma d'alumine cree par laser/. 24 p4199 A67-43102
- SLANSKY, S.**
Developmental tests of a white light standard for colorimetry. II /Essais de realisation d'un etalon de lumiere blanche pour la colorimetrie. II/. 23 p3999 A67-41180
- SLAPAK, P.**
The stability of sandwich plates. I - Cylindrical buckling of sandwich plates /Die Stabilitaet der Sandwich-Platten. I - Die Ausbeulung in zylindrischer Flaechen/. 02 p0341 A67-12713
Stability investigations of sandwich plates. II /Stabilitaetsuntersuchung der Sandwich-Platten. II/. 06 p1099 A67-17585
Nonlinear bending theory of sandwich plates. III /Nichtlineare Biegunstheorie von Sandwich-Platten. III/. 11 p1880 A67-25095
Natural transverse vibrations of sandwich plates. 14 p2402 A67-28901
Forced transverse vibrations of sandwich plates. 16 p2776 A67-31547
- SLAPAL, P.**
Nonlinear bending theory of sandwich plates. II /Nichtlineare Biegunstheorie von
- Sandwich-Platten. II/. 19 p3342 A67-35716
- SLATER, A. E.**
Nucleic acid and the improbability of life. 16 p2611 A67-30767
- SLATER, C. H.**
The radio source 3C 17. 12 p2011 A67-26249
- SLATER, J. D.**
Periodic fluctuations in the signals from Cosmos 5. 06 p0964 A67-18766
- SLATER, P. N.**
Applications of the prism Fabry-Perot in solar physics and airglow. 20 p3440 A67-36360
- SLATES, R. O.**
Acoustic attenuation experiments on subscale, cold-flow rocket motors. 06 p1075 A67-18853
Acoustic attenuation in resonant model-rocket motors. 15 p2546 A67-29992
- SLATTERY, B. R.**
Use of mills cross receiving arrays in radar systems. 02 p0216 A67-12068
- SLATTERY, J. C.**
Ion engine arcing induced by micrometeoroids. [AIAA PAPER 66-205] 02 p0302 A67-11936
Ionization probability of iron particles at meteoric velocities. 08 p1399 A67-21241
An estimate of the near-earth meteor flux. 19 p3319 A67-35217
- SLATTERY, R. E.**
Application of nanosecond light pulses to ballistic range measurements. 06 p0981 A67-18881
- SLAUGHTER, C. D.**
The application of microelectronics in inertial navigation instruments. 05 p0779 A67-17464
- SLAVATINSKII, S. A.**
High-energy interactions of nucleons with complex nuclei. 02 p0312 A67-12804
Existence of fireballs /O sushchestvovanii falerbola/. 02 p0314 A67-12745
New assembly for the study of powerful interactions of 100 to 1000 Bev at a Tyan-Shan high-altitude station - Preliminary results /Novaya ustanovka dlia issledovaniia sil'nykh vzaimodelstviil pri energiiakh 100-1000 Bev na Tian-Shan'skoi vyzokogornoi stantsii - Pervye rezul'taty/. 02 p0248 A67-12746
Nuclear cascade process in an ionization calorimeter /Iadernokaskadnyi protsess v ionizatsionnom kalorimetre/. 02 p0248 A67-12747
Contribution of successive interactions to the generation of "jets" in complex nuclei /Rol' posledovatel'nykh vzaimodelstviil v generatsii "strui" na slozhnykh iadrakh/. 02 p0314 A67-12748
On the existence of fireballs. 22 p3876 A67-40247
Nuclear cascade processes in an ionization calorimeter. 22 p3801 A67-40249
Role of successive interactions in the production of jets on complex nuclei. 22 p3876 A67-40250
Mean characteristics of the process of multiple particle production at energies from 100 to 1000 Gev /Srednie kharakteristiki protsessa mnozhestvennogo rozhdeniia chastits pri energiiakh 100-1000 Gev/. 24 p4217 A67-42830
Measurement of the energy fraction transferred to pi super 0 mesons at energies of hundreds of Gev /Izmerenie doli energii, peredavaemol pi super 0 -mezonam pri energiiakh v sotni Gev/. 24 p4218 A67-42833
Cross section of interaction between nuclear-active particles and nuclei of iron atoms at energies from 100 to 1000 Gev /Sechenie vzaimodelstviia iaderno-aktivnykh chastits s iadrami atomov zheleza v intervale energii 100-1000 Gev/. 24 p4219 A67-42849
Study of nuclear-cascade avalanches in iron /Izuchenie iadernokaskadnykh lavin v zheleze/. 24 p4219 A67-42850
- SLAVIANOV, N. N.**
Experimental investigation of the influence of the specific heat ratio on the base pressure behind a circular projection /Eksperimental'noe issledovanie vliianiia otnosheniia teploemkostei na donnoe davlenie za kol'tsevyim ustupom/. 22 p3741 A67-40021
- SLAVNII, O. S.**
Valve for pulsed gas admission into the working volume of a plasma accelerator /Klapan dlia impul'snogo napusku gazu v robochii ob'em priskorluyacha plazmi/. 01 p0119 A67-10136
- SLAY, B. G., JR.**
Cryotron array - Successful integration of design and fabrication strategies. 18 p3014 A67-34556
- SLAYDEN, P. J.**
Radiograph techniques for inspection of jet engines. [AIAA PAPER 67-380] 15 p2494 A67-30350
- SLEE, O. B.**
Radio diameter measurements with interferometer baselines of one million and two million wavelengths. 09 p1565 A67-21980
Jupiter's decametric emission and the solar wind. 14 p2385 A67-28404
Discrete radio sources at 38 mc/s. 15 p2437 A67-30031
- SLEEPER, H. P., JR.**
Transmission of isotropically incident electrons through spacecraft hull materials. [AIAA PAPER 66-511] 05 p0906 A67-17219
- SLEICHER, C. A.**
Turbulence measurements with inclined hot-wires. I. 13 p2222 A67-26913
Turbulence measurements with inclined hot-wires. II. 13 p2095 A67-26914
- SLEMP, W. S.**
The thermal radiation characteristics of some high-emittance coatings for space applications. [ASM PAPER C6-4.3] 23 p4020 A67-41404
- SLEPECKY, R. A.**
Sporelation mutations induced by heat in Bacillus subtilis. 08 p1287 A67-20983
- SLEPIAN, D.**
Linear least-squares filtering of distorted images. 18 p3047 A67-33882
- SLEPICKA, F.**
Attenuation in shock tubes. 02 p0235 A67-12564
The influence of a nozzle on the flow in a shock tube /Der Einfluss einer Duese auf die Stroemung im Stossrohr/. 17 p2837 A67-32345
- SLEPITIS, J.**
Low cycle fatigue properties of advanced engine materials. [SAE PAPER 670336] 17 p2874 A67-32986
- SLEPKOV, V. S.**
Effect of the electromechanical moment of a gyro-motor on the systematic drift of a triaxial gyrostabilizer /Vliianie elektromekhanicheskogo momenta girodvigatelja na sistematicheskii ukhod trekhosnogo girostabilizatora/. 18 p3047 A67-33992
- SLEPTSOV, V. M.**
Strength characteristics of porous materials of refractory compounds. 07 p1208 A67-19307
Study of the permeability of porous materials of refractory compounds /Izuchenie pronitsaemosti poristykh materialov iz tugoplavkiikh soedinenii/. 09 p1517 A67-21875
Some regular features in the sintering of porous parts from high-melting-point compounds. 10 p1867 A67-22827
- SLESAREVA, E. N.**
Oxidation mechanism of titanium alloys with up to 11 percent aluminum content /O mekhanizme oksleniia spлавov titana, soderzhashchikh do 11 percent aluminia/. 05 p0829 A67-16492
Some features of the oxidation of titanium. 05 p0829 A67-16759
Mechanism of oxidation of alloys of titanium containing up to 11 percent aluminum. 17 p2875 A67-33175
- SLETTEN, C. J.**
Progress in radio waves and transmission of information. 06 p0962 A67-18071
- SLEVEN, M. O.**
Three dimensional chaff simulator. 08 p1314 A67-20656
- SLEZINGER, I. N.**
Calculation of the carrying capacity of cylindrical shells /Raschet nesushchei sposobnosti tsilindricheskiikh obolochek/. 02 p0340 A67-12660
- SLICK, E. M.**
Pseudononlinear bending analysis of an orthotropic multicell shell structure. 04 p0709 A67-14812
- SLIEPCEVICH, C. M.**
Partial oxidation of methane at high pressures. 05 p0759 A67-17540
Pool boiling of methane between atmospheric pressure and the critical pressure. 13 p2229 A67-27667
- SLIKER, T. R.**
A thin-film CdS-quartz composite

- resonator. 20 p3393 A67-36176
- SLINEY, H. E.**
Self-lubricating composites of porous nickel and nickel-chromium alloy impregnated with barium fluoride-calcium fluoride eutectic. [ASLE PAPER 66AM 1C2] 08 p1335 A67-21035
- SLINN, K. R.**
Numerical solution of waveguide-discontinuity problems. 17 p2827 A67-32792
- SLIUSAREV, N. M.**
Resistance in an MHD flow past a sphere /K voprosu o soprotivlenii pri magnitogidrodinamicheskoi obtekanii shara/. 04 p0670 A67-15530
- SLIUSAREV, V. A.**
Contribution to the theory of tunneling in superconductors. 09 p1555 A67-22071
Local approximation in the electrodynamic of London superconductors /Lokal'noe priblizhenie v elektrodinamike Londonovskikh sverkhprovodnikov/. 09 p1556 A67-22221
Hydrodynamic equations in the theory of superconductivity /Gidrodinamicheskie uravneniia v teorii sverkhprovodimosti/. 15 p2540 A67-30004
The hydrodynamic equations in the theory of superconductivity. 18 p3100 A67-33762
Local approximation in the electrodynamic of London superconductors. 18 p3100 A67-33765
- SLIV, E. I.**
Malfunctioning of an inertial navigation system due to inaccurate integration /Pogreshnosti sistemy inertsial'noi navigatsii iz-za netochnosti integrirrovaniia/. 18 p2699 A67-30468
- SLIVA, O. K.**
Vibration of disk-drum rotors /Vibratsiia rotorov diskovo-barabanno konstruktiv/. 05 p0810 A67-16230
Discrete models for vibrating circular plates /Diskretnye modeli kruglykh kolebilushchikhslia plastin/. 05 p0810 A67-16231
Discrete models of vibrating turbine blades /Diskretnye modeli kolebilushchikhslia lopatok turbomashin/. 23 p4076 A67-40684
- SLIVSAREV, N. M.**
Resistance of poorly streamlined bodies at large Stuart numbers /Soprotivlenie plokhobtekaemykh tel pri bol'shikh chislakh Stiuarta/. 06 p1045 A67-18692
- SLOAN, D. M.**
Magnetohydrodynamic flow in a rectangular pipe between conducting plates. 05 p0853 A67-16723
Magnetohydrodynamic flow in an insulated rectangular duct with an oblique transverse magnetic field. 18 p2713 A67-30860
- SLOAN, R. K.**
The Mariner IV photographs of Mars. 18 p3123 A67-34150
- SLOANAKER, R. M.**
Galactic depolarization of the 21-centimeter-wave-length radiation of extragalactic sources. 05 p0895 A67-16601
- SLOAT, J. B.**
Effects of incentive contracts in research and development - A preliminary research report. 08 p1431 A67-21287
- SLOBODCHIKOV, S. V.**
The effect of a magnetic field upon illuminated InAs p-n junctions. 07 p1237 A67-20181
Avalanche multiplication and the ionization coefficient in InAs p-n junctions /Lavinnoe umnozhenie i koefitsient ionizatsii v InAs p-n-perekhodakh/. 10 p1695 A67-23660
Electrical properties of alloyed p-n junctions in InAs /Elektricheskie svoistva splavnykh p i n-perekhodov v InAs/. 12 p1986 A67-26099
Double injection and oscillations of the current-voltage dependence of an alloyed GaP p-n junction. 14 p2286 A67-28594
Avalanche multiplication in and ionization coefficient of p-n junctions in InAs. 17 p2924 A67-33341
- SLOBODENIUK, N. P.**
Limit theorems for random walks. I. 04 p0644 A67-14755
- SLOBODKINA, F. A.**
Stability of arbitrary steady-state flows in the vicinity of points of transition through the speed of sound /Ob ustoiichivosti proizvol'nykh statsionarnykh techenii v okrestnosti tochev perekhoda cherez skorost' zvuka/. 22 p3844 A67-39391

- SLOBODZHANIN, L. A.**
Hydrostatics in weak force fields - Equilibrium shapes of the surface of a rotating fluid in zero-gravity conditions /Gidrostatika v slabykh silovykh pol'akh - Ravnovesnye formy poverkhnosti vrashchalushchelsia zhidkosti v usloviakh nevesomosti/. 03 p0402 A67-12882
- SLOMICH, S. J.**
The utilization of space technology in the fight against cardiovascular disease. [AIAA PAPER 66-951] 02 p0187 A67-12285
Space technology and design of earthquake-resistant structures. 13 p2120 A67-27217
- SLOMIM, A. R.**
Effects of dehydrated, liquid, and compressed foods and environment on human waste and water consumption in developing life support systems requirements. 02 p0188 A67-12339
Waste management and personal hygiene under controlled environmental conditions. 03 p0368 A67-14289
Potable water standards for aerospace systems - 1967. 21 p3576 A67-38071
Potable water standards for aerospace systems - 1967. 23 p3968 A67-41620
Rapid detection of microorganisms in aerospace water systems. 23 p3968 A67-41627
- SLOOP, J. L.**
Practical applications from advanced research and technology. 19 p3349 A67-35645
- SLOT, T.**
On the accuracy of two-dimensional photoelastic experiments in which uniform edge loading is obtained by the inflatable-tubing technique. 11 p1876 A67-24616
- SLOVER, P. J.**
Combined landing gear and speed brake systems solve location problem. 05 p0753 A67-16163
- SLOVETSKII, D. I.**
Investigation of the temperature and cross-sectional shape of an electric-arc column moving along parallel electrodes in a magnetic field /Issledovanie temperatury i formy poperechnogo secheniia stolba elektricheskoi dugi, dvizhushchelsia v magnitnom pole po parallelnym elektrodam/. 18 p3087 A67-34046
- SLOWEY, J.**
The shape and location of the diurnal bulge in the upper atmosphere. 10 p1639 A67-23208
Geomagnetic perturbations and upper-atmosphere heating. 11 p1783 A67-23922
- SLOWEY, J. W.**
Diurnal and seasonal-latitude variations in the upper atmosphere. 19 p3215 A67-35178
- SLUKA, S. J.**
Hematological criteria of chronic acceleration stress and adaptation. 23 p3953 A67-41587
- SLUSHER, R. E.**
Optical nonlinearities due to mobile carriers in semiconductors. 02 p0254 A67-12524
Inelastic light scattering from Landau-level electrons in semiconductors. 06 p1009 A67-17723
- SLUTSKER, A. I.**
Connection between structure and deformability of oriented crystallizing polymers. 18 p3068 A67-33489
- SLUTSKII, M. E.**
High-sensitivity radio-frequency mass spectrometer for research on the ionic and neutral composition of the upper atmosphere. 12 p1941 A67-25651
- SLUYTER, M. M.**
The magnetoaerodynamics of a rotating cone during re-entry. 12 p1892 A67-25385
- SLYSH, V. I.**
Measurements of radio emission in interplanetary space at kilometer wavelengths /Izmereniia kilometrovogo kosmicheskogo radioizlucheniia v mezplanetnom prostranstve/. 05 p0887 A67-16060
Long-wave cosmic radio emission in interplanetary space /Dlinnovolnovoe kosmicheskoe radioizluchenie v mezplanetnom prostranstve/. 06 p1077 A67-17746
Solar radio emission at 2 and 0.2 MHz. 18 p3119 A67-33859
Measurements of kilometer cosmic radio waves in interplanetary space. 21 p3701 A67-37847

- SLYSKO, P.**
Is combined heat treatment the cause of the low value of the long-term strength in a Nimonic 80 type alloy/ques/ /Je kombinovane tepelne spracovanie pricinnou nizkej hodnoty medze pevnosti u zlatiny typu Nimonic 80/ques/. 23 p4019 A67-41076
Long-term strength limit and the nature of the fracture of AKN22 alloy welds as well as of welds of the composite materials AKN22-16/13 CrNi /Dihodoba medza pevnosti a charakter lomu zvarenych spojov zlatiny AKN 22, ako aj spojov kombinovanych materialov AKN22-16/13 CrNi/. 23 p4019 A67-41079
- SMAGORINSKY, J.**
The role of numerical modeling. 10 p1677 A67-23368
- SMAHA, J.**
On the measurement of DC and AC parameters of tunnel diodes. 15 p2449 A67-29807
- SMAILES, G. T.**
Some vibration characteristics of pin-fixed compressor blades. [ASME PAPER 66-WA/GT-4] 04 p0711 A67-15359
Some vibration characteristics of pin-fixed compressor blades. [ASME PAPER 66-WA/GT-4] 24 p4251 A67-42460
- SMALES, A. A.**
The distribution of some trace elements in iron meteorites, as determined by neutron activation. 14 p2391 A67-28947
- SMALL, D. A.**
A method of air gauge circuit analysis. 14 p2252 A67-28353
- SMALL, R. L.**
Probe measurements of plasma rings injected into an axial guide field. [AIAA PAPER 66-155] 12 p1975 A67-25895
Magnet field probe measurements of plasma inside a conical theta-pinch. [AIAA PAPER 67-659] 21 p3671 A67-38695
- SMALLEN, H.**
Where nonmetallic composites are used. 10 p1671 A67-23013
- SMALLEY, V. G.**
Time variance of the earth-moon distance. 02 p0319 A67-11453
- SMALLMAN, R. E.**
The deformation properties and electron microscopy studies of the intermetallic compound NiAl. 01 p0092 A67-10059
The influence of a dilute magnesium addition on the growth and shrinkage of dislocation loops in aluminum. 21 p3644 A67-38088
- SMART, D.**
Measurements of 1/2 to 4 mev trapped protons in the equatorial magnetosphere. [AFRL-66-865] 03 p0505 A67-12835
- SMART, D. F.**
Experimental evaluation of various rigidity models. [AFRL-67-0099] 04 p0693 A67-14961
Vertical cutoff rigidities in the South Atlantic. [AFRL-67-0082] 12 p1996 A67-25774
Worldwide trajectory-derived vertical cutoff rigidities and their application to experimental measurements. 13 p2191 A67-26325
Cosmic ray cutoff rigidity calculations and their application to experimental measurements. 13 p2192 A67-27244
An experimental evaluation of various rigidity models. 13 p2192 A67-27245
A study of the effectiveness of the McIlwain coordinates in estimating cosmic-ray vertical cutoff rigidities. 17 p2936 A67-32537
- SMASHEY, R. W.**
The carbide phases in Mar-M200. 13 p2131 A67-26573
- SMEKHOV, G. D.**
Excitation time of the B super 3 pl sub g state of N sub 2 at high temperatures. 24 p4194 A67-42890
- SMELIANSKII, M. IA.**
Method for calculating the operational parameters with allowance for gas-dynamic factors, and the determination of the principal geometric dimensions of an electric arc generator with vortex gas stabilization of the arc /Metodika rascheta rabochikh parametrov s uchetom gazodinamicheskikh faktorov i opredelenie osnovnykh geometricheskikh razmerov elektrodugovogo generatora s vikhrevoi gazovoi stabilizatsiei

- dugi/. 09 p1547 A67-22320
- SMELT, R.**
Review of the influence of space environment upon vehicle components. 04 p0704 A67-14995
- SMERDOV, B. I.**
Plasma heating by a high-amplitude fast magnetosonic wave /Nagrev plazmy bystroj magnitozvukovoi volnoi bol'shoi amplitudoy/. 21 p3669 A67-38678
- SMETANA, F. O.**
On the determination of parachute cloth permeability. 02 p0182 A67-12789
Low-rate gas flow meter. 06 p1000 A67-17753
Measurements of the discharge characteristics of sharp-edged and rounded orifices in the transition regime. 14 p2300 A67-28180
- SMETANIN, B. I.**
Equilibrium longitudinal cracks in plates /O ravnovesnykh prodol'nykh treschinakh v plastinakh/. 12 p2019 A67-25565
- SMEYERS, P.**
Linear and adiabatic oscillations in the homogeneous sphere /Les oscillations lineaires et adiabatiques de la sphere homogene/. 11 p1819 A67-24783
- SMIDDY, M.**
Investigation of electrical phenomena in the equatorial ionosphere. 10 p1648 A67-23288
Experimental investigation of the nighttime E region. 10 p1648 A67-23289
Magnetosphere plasma properties during a period of rising solar activity - OGO-III. 19 p3217 A67-35200
- SMIGIELSKI, J.**
Nozzle-flow with heating and ionization in thermal nonequilibrium /Duesenstroemung mit Waermeszufuhr und Ionisation im thermodynamischen Nichtgleichgewicht/. 17 p2837 A67-32337
- SMILAUER, J.**
Method of precise measurement of the differential Doppler effect on the earth's satellite radio signals. 16 p2627 A67-31463
- SMILEY, J. R.**
Aeromedical incidents amongst Canadian forces pilots - A survey. 23 p3963 A67-41540
- SMILEY, R. W.**
Polaris takes a second look at NDT. 04 p0706 A67-15263
- SMILIANSKII, V. R.**
Wave transformation in magnetohydrodynamics. 12 p1976 A67-26072
- SMILLEY, J. D.**
Time-domain analysis of a class of discrete nonlinear time-varying systems. 16 p2650 A67-31675
- SMILLIE, D. G.**
Aircraft structures. 22 p3915 A67-40331
- SMIRENNYI, L. N.**
Evaluation of the radiation environment on the surface of the moon /Otsenka radiatsionnoi obstanovki na poverkhnosti luny/. 16 p2737 A67-30782
Measurement of tissue doses of cosmic radiation with the aid of nuclear emulsions /Izmerenie tkanevykh doz kosmicheskogo izlucheniia ladernymi emul'siami/. 20 p3368 A67-36260
- SMIRLOCK, M.**
Intermodulation distortion of a phase locked loop demodulator. 14 p2273 A67-28708
- SMIRNOV, A. I.**
Oscillations of three-layer beams /Kolebania trekhslonnykh balok/. 09 p1575 A67-22219
Unsteady oscillations of a free three-layer strip /Neustanovivshiesia kolebania svobodnoi trekhslonnoi polosy/. 10 p1721 A67-23610
Oscillations of an unbounded laminar plate in a gas flow /Kolebania neogranichennoi sloistoi plastiny v potoke gaza/. 15 p2575 A67-30009
Vibrations of sandwich beams. 18 p3141 A67-33770
Vibrations of an unbounded laminated plate in a gas flow. 20 p3542 A67-37539
Unsteady vibrations of a free sandwich strip. 20 p3542 A67-37540
- SMIRNOV, A. P.**
Heat transfer to liquid helium in a pulsed regime /Teploperedacha v zhidkii geli v impul'snom rezhime/. 24 p4254 A67-42258
- SMIRNOV, A. V.**
Use of titanium shavings to protect iron from oxidation during heating /Primenenie titanovoi struzhki dlia zashchity zheleza ot oksleniia pri nagreve/. 01 p0095 A67-10643
- High-transmission spectrometer for the charges of primary cosmic ray nuclei /Svetosil'nyi spektrometr zariadov pervichnykh lader kosmicheskikh luchei/. 09 p1497 A67-21898
Spectrometer of a Proton-type satellite for primary high-energy cosmic-ray particles /Spektrometr chastits pervichnogo kosmicheskogo izlucheniia vysokoi energii dlia ISZ tipa "Proton"/. 17 p2854 A67-32245
Use of titanium chips for protection of iron against oxidation during heating. 18 p3066 A67-34407
- SMIRNOV, B. A.**
Phase transformations and welding characteristics of alpha and /alpha plus beta/ titanium alloys /Fazovye prevrashcheniia i kharakteristiki svarivaemosti alpha-i /alpha plus beta/-spлавov titana/. 07 p1207 A67-19292
Rational regimes for machining and heat treatment of the VT15 titanium alloy and its welds /Ratsional'nye rezhimy mekhaniko-termicheskoi obrabotki titanovogo splava VT15 i ego svarynykh soedinenii/. 07 p1208 A67-19294
Laser emission attenuation in artificial water fogs /Oslablenie izlucheniia opticheskikh kvantovykh generatorov v iskusstvennykh vodnykh tumanakh/. 22 p3816 A67-39921
- SMIRNOV, B. M.**
Ion mobility in a gas formed by the ions /Podvizhnost' ionov v sobstvennom gaze/. 02 p0270 A67-12625
Electron-ion recombination in a plasma. 03 p0474 A67-12853
A negative-ion gas laser /Gazovyi lazer na otritsatel'nom lone/. 13 p2125 A67-26386
Ion mobility in a neutral host gas of the same species. 13 p2161 A67-27381
Ion diffusion and mobility in gases /Diffuziia i podvizhnost' ionov v gaze/. 16 p2704 A67-31250
Charge transfer in slow collisions. 16 p2705 A67-31781
Negative-ion gas laser. 21 p3642 A67-38823
- SMIRNOV, G. F.**
Effect of surface-tension forces on the heat-transfer coefficient during the condensation of vapor on an inclined tube /K voprosu vliianiia sil poverkhnostnogo natiazheniia na koeffitsient teplootdachi pri kondensatsii para na naklonnoi trube/. 17 p2970 A67-32461
- SMIRNOV, I. A.**
New data on the effect of charged and neutral impurities on the heat conductivity of the Bi sub 2 Te sub 3 crystal lattice /Novye dannye o vlianii zariazhenykh i neitral'nykh primesel na teploprovodnost' kristallicheskoj reshetki Bi sub 2 Te sub 3/. 01 p0127 A67-10073
Thermal conductivity of lanthanum and its monochalcogenides. 04 p0880 A67-15287
Heat capacity of NdS, LaSe, and LaTe /Teploemkost' NdS, LaSe i LaTe/. 05 p0887 A67-17056
Heat conductivity of semiconductors with two types of current carrier /Teploprovodnost' v poluprovodnikakh s dvumia sortami nositelei toka/. 05 p0888 A67-17062
Specific heat of NdS, LaSe, and LaTe. 15 p2538 A67-29787
Thermal conductivity in semiconductors with two types of current carriers. 15 p2538 A67-29793
- SMIRNOV, I. U. N.**
Crystal structure of terbium at 120-300 deg K. 09 p1555 A67-22066
Parametric resonance in magnetosonic waves in plasma. 20 p3501 A67-37296
- SMIRNOV, I. U. P.**
Possible approaches to the development of a square-law theory of elasticity /Vozmozhnosti postroeniia kvadrachnoi teorii uprugosti/. 21 p3721 A67-38306
- SMIRNOV, K. V.**
Influence of some extreme effects on the functional state of the stomach /Vlianie nekotorykh ekstremal'nykh vozdelsvii na funktsional'noe sostoianie zheludka/. 16 p2613 A67-30915
Problem of reproduction of food protein by autotrophic organisms in extraterrestrial conditions. 19 p3179 A67-35228
- SMIRNOV, L. S.**
Bombardment of thin CdTe films with indium ions. 20 p3504 A67-36160
- SMIRNOV, L. V.**
Orientation, purity, and perfection of molybdenum single crystals grown by the zonal electron-beam melting process /Orientatsiia, chistota i sovershenstvo monokristallov molibdena, vyrashchennykh elektronno-luchevoi zonnol plavkoi/. 02 p0255 A67-11867
- SMIRNOV, M. D.**
Thermal stresses and displacements in flat wedges /Temperaturnye napriazheniia i peremeshcheniia v ploskikh klin'akh/. 13 p2219 A67-27058
- SMIRNOV, N. M.**
Local stability of a spherical shell in the case of thermal stresses /Lokal'naiia ustoiichivost' sfericheskoi obolochki pri temperaturnykh napriazheniakh/. 21 p3721 A67-38308
- SMIRNOV, N. P.**
Fluctuations of the pressure field of the Northern Hemisphere in the 11-year cycle of solar activity /Kolebania baricheskogo polia severnogo polushariia v 11-letnem tsikle solnechnoi aktivnosti/. 13 p2117 A67-27632
- SMIRNOV, N. S.**
Two types of particle injections into the polar zone. 07 p1174 A67-19713
- SMIRNOV, R. V.**
Effect of the 27-day solar cycle on the tropospheric temperature field /O vlianii dvadtsatisemidnevnogo solnechnogo tsikla na temperaturnoe pole troposfery/. 04 p0616 A67-15227
Solar wind and the temperature field of the troposphere /Solnechnyi veter i temperaturnoe pole troposfery/. 20 p3428 A67-36814
- SMIRNOV, V. A.**
Flow in a uniformly expanding layer and expansion of a gas volume into vacuum. 03 p0402 A67-13627
Methods of obtaining meteor spectrograms and roughly interpreting them /O metodakh polucheniia i pervichnoi obrabotke spektrogramm meteorov/. 13 p2197 A67-26503
Some special features of meteor radiation and methods of meteor spectrography /Nekotorye osobennosti izlucheniia i metody spektrofotometrii meteorov/. 13 p2197 A67-26504
- SMIRNOV, V. I.**
Effect of a strong electrical field on the Faraday effect in indium antimonide /Vlianie sil'nogo elektricheskogo polia na effekt Faradela v sur'mianistom indii/. 10 p1695 A67-23663
Influence of a strong electric field on the Faraday effect in indium antimonide. 17 p2924 A67-33344
- SMIRNOV, V. M.**
Charge distribution in a system consisting of a beam and emitting body in a deep vacuum /O raspredelenii zariadov v sisteme puchok - emitiruiushchee telo v glubokom vakuumе/. 02 p0302 A67-11549
Emission from the plane of a cold compensated electron flux /Ob emissii s ploskosti kholodnogo skompensirovannogo elektronnoho potoka/. 02 p0278 A67-12626
Instability of nonlinear stationary potential oscillations in electron-ion beams. 03 p0470 A67-12935
Emission of a cold neutralized electron flux from a plane. 13 p2171 A67-27382
Distribution of charges in a beam - Emitting solid system in extreme vacuum. 16 p2736 A67-31615
- SMIRNOV, V. N.**
Volume electroluminescence of GaAs single crystals /Ob'emnaia elektroluminesentsiia monokristallov GaAs/. 14 p2368 A67-28538
Volume electroluminescence of GaAs single crystals. 23 p4040 A67-40945
- SMIRNOV, V. S.**
Mode interaction in a gas laser. 03 p0439 A67-14371
Relation between the cutoff rigidity of cosmic rays and the MacLwaine L-parameter /Sviaz' zhestkostei obrezaniia kosmicheskikh luchei s L-parametrom Maklvalna/. 05 p0880 A67-16113
Calculations of asymptotic directions of cosmic rays for Soviet cosmic-ray stations /O raschetakh asimptoticheskikh napravlenii kosmicheskikh luchei dlia Sovetskikh stantsii kosmicheskikh luchei/. 05 p0880 A67-16114
Cosmic-ray trajectories in a geomagnetic field, represented with a high degree of accuracy. 07 p1243 A67-19685

- Melting temperature of the ZrC-HfC, TaC-ZrC, and TaC-HfC systems /Temperatura pлавleniya v sistemakh ZrC-HfC, TaC-ZrC, TaC-HfC/. 09 p1518 A67-21879
- Asymptotic directions of cosmic rays for the Soviet station network /Asimptoticheskie napravleniya kosmicheskikh luchei dlia Sovetskoi seti stantsii/. 17 p2933 A67-32091
- Relation between the cutoff rigidity and the McIlwain parameter 24 p4214 A67-42789
- On calculations of the asymptotic directions of cosmic rays for Soviet CR stations. 24 p4214 A67-42790
- SMIRNOV, V. V.**
Physico-mechanical and corrosion properties of heat-resistant stainless steel EP-479. 21 p3646 A67-39010
- SMIRNOVA, A. D.**
Excitation of signals in a negatively charged post of an antenna under the influence of an unfocused laser beam. 01 p0091 A67-10835
Currents produced by light pressure when a laser beam acts on matter. 10 p1664 A67-23333
A light spark in magnetic and electromagnetic fields /Svetovaya iskra v magnitnom i elektromagnitnom polakh/. 19 p3239 A67-35165
- SMIRNOVA, E. M.**
Texture and electrical conductivity of cadmium sulfide films. 03 p0498 A67-13868
- SMIRNOVA, I. P.**
Study of the leading section of turbulent jets of various gases in the wake air flow /Issledovanie nachal'nogo uchastka turbulentnykh strui razlichnykh gazov v sputnom potoke vozdukh/. 06 p0982 A67-17743
- SMIRNOVA, L. G.**
Experimental apparatus for studying MHD phenomena in the channels of linear induction pumps /Eksperimental'naya ustanovka dlia issledovaniia magnitogidrodinamicheskikh iavlenii v kanalakh lineinykh induktsionnykh nasosov/. 04 p0670 A67-15521
- SMIRNOVA, L. I.**
Ionospheric "turbidity" /O "mutnosti" ionosfery/. 02 p0236 A67-11670
Ionospheric "turbidity." 16 p2665 A67-31085
- SMIRNOVA, N. N.**
Electrical properties of alloyed p-n junctions in InAs /Elektricheskie svoystva splyvnykh p i n-perekhodov v InAs/. 12 p1986 A67-26099
- SMIRNOVA, V. N.**
A steady process in the simplest model of an extremal system in the presence of noise /Ustanovivshisias protsess v prosteishem modeli ekstremal'noi sistemy pri nalichii pomekh/. 20 p3409 A67-37112
- SMIRNOVA, V. V.**
Theory of a hot probe and a photosonde. 07 p1251 A67-19812
Instability of the perturbed zone in the vicinity of a body in a plasma in the presence of electron emission from its surface /Neustoiichivost' vozmushchennoi zony v okrestnosti tela v plazme pri nalichii emissii elektronov s ego poverkhnosti/. 10 p1683 A67-22782
Instability of the disturbed zone in the vicinity of a body in plasma in the presence of electron emission from its surface. 24 p4195 A67-42118
- SMISEK, R. F.**
Potassium turbine erosion experiment. 24 p4184 A67-42493
- SMITH-ROSE, R. L.**
Space Research VII, Proceedings of the Seventh International Space Science Symposium, Vienna, Austria, May 10-18, 1966. Volume 2. 10 p1634 A67-23176
Space Research VI, Proceedings of the Sixth International Space Science Symposium, Mar del Plata, Argentina, May 11-19, 1965. 12 p2003 A67-25759
- SMITH, A. C.**
Deformations of micropolar elastic solids. 20 p3540 A67-37021
- SMITH, A. D.**
Photographic instrumentation of the Gemini booster. 22 p3807 A67-40372
- SMITH, A. D. F.**
Development of thrust deflection and vectoring - V/STOL. [SAE PAPER 660738] 01 p0140 A67-10637
- SMITH, A. E.**
Determination of gas flow parameters from propane attitude control jets, and their effect on satellite optical sensors and telescopes. 18 p3137 A67-34359
- SMITH, A. G.**
Influence of the terrestrial environment on the temporal and statistical characteristics of Jovian decametric radiation. [RASSA PAPER 1-10-134] 03 p0373 A67-14245
Delineation of Jovian decametric sources by millisecond pulses. 15 p2558 A67-30032
Radio Exploration of the Sun. 16 p2755 A67-31923
Morphology of Jupiter's decametric radio sources. 21 p3710 A67-38997
- SMITH, A. H.**
Influence of chronic acceleration on the effects of whole-body irradiation in rats. 15 p2427 A67-29268
Hematological criteria of chronic acceleration stress and adaptation. 23 p3953 A67-41587
Lunar power systems. [AIAA PAPER 67-902] 24 p4110 A67-43010
- SMITH, A. J. W.**
Boundary layer influence on the performance of submerged intakes. 20 p3360 A67-37490
- SMITH, A. L. S.**
Modulation effects in an ammonia beam maser oscillator. 05 p0817 A67-16636
Fluctuations in the amplitude of oscillation of an ammonia beam maser. 09 p1513 A67-22043
- SMITH, A. M.**
Nongrey radiation effects on the boundary layer at low Eckert numbers. [ASME PAPER 66-WA/HT-35] 04 p0724 A67-15428
Stellar photometry from a satellite vehicle. 08 p1399 A67-21234
A vacuum integrating sphere for in situ reflectance measurements at 77 deg K from 0.5 to 10 microns. [AIAA PAPER 67-298] 12 p1926 A67-28013
Diffusion. 18 p3096 A67-33455
Risk assessment in complex unattended aerospace systems. 18 p3138 A67-34683
The spectral reflectance of water and carbon dioxide cryodeposits from 0.36 to 1.15 microns. 24 p4253 A67-42046
- SMITH, A. M. O.**
Calculation of potential flow about arbitrary bodies. 10 p1589 A67-22871
Potential flow about two-dimensional hydrofoils. 13 p2095 A67-26910
Solution to the binary diffusion laminar boundary-layer equations with second-order transverse curvature. 19 p3211 A67-35737
The stability of water flow over heated and cooled flat plates. [ASME PAPER 67-HT-41] 20 p3547 A67-38725
The laminar boundary layer in water with variable properties. [ASME PAPER 67-HT-69] 20 p3550 A67-38749
Static-pressure probes derived from supersonic slender-body theory. 21 p3564 A67-38535
- SMITH, A. W.**
Ferroelectric and optical properties of KSR sub 2 Nb sub 5 O sub 15. 24 p4204 A67-42366
- SMITH, B.**
Fatigue indicating meter attachment. 21 p3719 A67-38130
- SMITH, B. A.**
Rotation of Venus - Continuing contradictions. 23 p4063 A67-40800
- SMITH, B. G.**
Crater statistics and erosion. [AAS PAPER 66-183] 08 p1387 A67-20958
Boulder distribution analysis of the Luna 9 photographs. 09 p1570 A67-22692
Lunar surface roughness - Shadowing and thermal emission. 21 p3702 A67-38188
Geometrical shadowing of a random rough surface. 23 p3972 A67-40832
- SMITH, B. J.**
Infra-red observations of a preplanetary system. 03 p0510 A67-13506
- SMITH, B. L.**
Vibration of a circular cylindrical shell closed by an elastic plate. 23 p4080 A67-41750
- SMITH, C. A.**
Calibration of a special purpose drop calorimeter. 18 p3052 A67-34515
- SMITH, C. I.**
Numerical techniques and programing procedures for orbit determination. 09 p1487 A67-21835
- SMITH, C. L.**
Direct nondestructive pumping of ruby lasers by chemical means. 15 p2502 A67-30437
- SMITH, C. R.**
Lower E-region ion concentrations measured at a time of declining solar activity. 14 p2310 A67-28049
- SMITH, C. V.**
A high data rate laser communication system. 08 p1292 A67-20672
- SMITH, C. V., JR.**
Effect of shear deformation on large deflections of circular sandwich plates. 10 p1728 A67-23762
- SMITH, D.**
The application of implantation to thin silicon cells. 23 p4046 A67-41488
- SMITH, D. A.**
Vapor removal from engine duct in orbital environment. [AIAA PAPER 66-975] 02 p0305 A67-12297
Description of orbital heat transfer mechanism based on S-IVB-203 flight data evaluation. 12 p2034 A67-25721
The thermal degradation of epoxide resins. 19 p3248 A67-34994
Field-ion microscopy of titanium carbide. 21 p3645 A67-38093
- SMITH, D. B.**
Combustion of hydrogen and oxygen with ammonia and nitrous oxide - Laminar flame speeds and flammability limits at low pressure for ternary mixtures. 14 p2406 A67-28547
Combustion of hydrogen and hydrazine with nitrous oxide and nitric oxide - Flame speeds and flammability limits of ternary mixtures at sub-atmospheric pressures. 16 p2779 A67-31519
Solar electric propulsion mission to the comets. 19 p3323 A67-35333
Trajectory optimization for solar-electric powered vehicles. [AIAA PAPER 67-583] 19 p3329 A67-35978
- SMITH, D. C.**
Compressible magnetogasdynamic free jet. 15 p2523 A67-29215
Effect of mode beating in laser-produced gas breakdown. 20 p3459 A67-36851
- SMITH, D. E.**
Some problems of orbital prediction. 18 p3126 A67-34246
Variations in air density at 280 km height. 18 p3042 A67-34256
- SMITH, D. F.**
A quality-control system for adhesive bonding utilizing ultrasonic testing. 09 p1508 A67-22527
- SMITH, D. J.**
On the design of thin injected beam crossed field amplifiers. 09 p1478 A67-22261
- SMITH, D. O.**
Magnetic films and optics in computer memories. 22 p3765 A67-39910
- SMITH, D. R.**
On the linearized hydrodynamical equations in two dimensions. 16 p2657 A67-30827
On the stationary solutions of the Navier-Stokes equations in two dimensions. 16 p2657 A67-30828
- SMITH, D. W.**
Lower-bound procedure for energy eigenvalues by the partitioning technique. 05 p0848 A67-16836
The performance of silver alloys as oxygen electrodes. 09 p1458 A67-22181
The hand-held sextant - Results from Gemini XII and flight simulator experiments. [AIAA PAPER 67-775] 24 p4183 A67-42943
- SMITH, E.**
The effect of a non-uniform internal pressure on crack extension in an infinite body. 04 p0716 A67-15797
Some problems involving distributions of screw dislocations in a finite slab. 04 p0716 A67-15798
Low stress fracture initiation at a stress concentration - Application of dislocation type models. 08 p1421 A67-20955
The effect of an external dislocation on the condition for complete fracture from a wedge shaped crack. 16 p2765 A67-30996
Fracture at stress concentrations. 16 p2768 A67-31282
Distributions of screw dislocations on two intersecting planes. 20 p3540 A67-37020
Water vapor electrolysis. 23 p3970 A67-41705

- SMITH, E. B.
Diffusion-flame shape in the wake of a falling droplet. 23 p4083 A67-41720
- SMITH, E. C.
Theoretical and experimental determinations of neutron energy deposition in silicon. 04 p0684 A67-15688
- SMITH, E. E.
Role of an increased hematocrit in altitude acclimatization. 07 p1135 A67-19862
- SMITH, E. F.
A concept for a flexible, automatic checkout system. 03 p0398 A67-14203
- SMITH, E. G.
Optimal satellite orientation and acquisition problem. 22 p3904 A67-40105
- SMITH, E. J.
Magnetic fluctuations in the magnetosheath - Mariner 4. 07 p1179 A67-19911
The polarity pattern of the interplanetary magnetic field during solar rotations 1798-1808. 11 p1857 A67-23942
Measurements of magnetic fields in the vicinity of the magnetosphere and in interplanetary space - Preliminary results from Mariner 4. 12 p2007 A67-25822
On the number of distinct state assignments for synchronous sequential machines. 13 p2073 A67-27066
A review of lunar and planetary magnetic field measurements using space probes. [JPL-TR-32-1059] 21 p3709 A67-38992
Transverse fluctuations in the interplanetary magnetic field - A requisite for geomagnetic variability. 22 p3790 A67-39800
Magnetic noise in the magnetosheath in the frequency range 3-300 Hz. 23 p3995 A67-40804
- SMITH, E. K., JR.
Progress in ionospheric radio. 05 p0795 A67-16010
- SMITH, E. P.
Requirements for U.S. international telecommunications through 1975. 14 p2272 A67-28704
- SMITH, E. T.
Measuring the thermal conductivity of irradiated foam-type insulation materials. 13 p2228 A67-27662
- SMITH, E. W.
Influence of electron correlations on a plasma-broadened Lyman-alpha line. 15 p2520 A67-29679
Relaxation theory of spectral line broadening in plasmas. 15 p2532 A67-30380
OV-10A landing gears. 17 p2794 A67-31989
- SMITH, F. C.
The true design strength of materials and joints. 04 p0627 A67-14705
- SMITH, F. G.
Radio pulses from extensive air showers. 07 p1242 A67-19619
The problem of quasars. 10 p1705 A67-22953
An experimental test of the mechanism of radio emission from cosmic ray showers. 10 p1703 A67-23490
Radio telescopes. 14 p2284 A67-28429
- SMITH, F. H. C.
Plasma-induced interference in satellite V.L.F. receivers. 06 p0964 A67-18569
- SMITH, F. J.
Thermal diffusivity measurements of graphites and chars using a pulsed laser. [AIAA PAPER 65-644] 03 p0449 A67-13062
Transport properties of quadrupolar gases. 06 p1038 A67-19046
Calorimetric measurements of solar and broad band spectral absorbance during ultraviolet exposure testing in vacuum. 09 p1534 A67-22452
Use of a flash method for measurement of thermal diffusivity of entry vehicle heat shield materials. 18 p3051 A67-34506
Transport coefficients of ionized gases. 22 p3850 A67-39717
- SMITH, F. L., III
Behavior of the nighttime ionosphere. 13 p2107 A67-26305
- SMITH, F. T.
Impact expansions in classical and semiclassical scattering. 01 p0112 A67-10143
Collision spectroscopy. 22 p3839 A67-39205
- SMITH, F. W.
Some basic properties of penny-shaped cracks. 06 p1109 A67-18732
Masers for a radio astronomy interferometer. 07 p1197 A67-20115
- Monte Carlo evaluation of methods for pulse transfer function estimation. 16 p2653 A67-31695
- SMITH, G.
The drifted Maxwellian distribution function in InSb. 14 p2376 A67-29088
- SMITH, G. C.
Dispersion strengthened materials. 11 p1807 A67-24636
Some effects of temperature and environment on the mechanical behaviour of metals. 13 p2132 A67-26697
- SMITH, G. D.
Performance of silicon controlled rectifiers in radiation environment. 04 p0590 A67-15725
- SMITH, G. H.
Current aerospace applications using MRA eddy current test systems. 09 p1502 A67-21869
- SMITH, G. L.
Sequential estimation of observation error variances in a trajectory estimation problem. [AIAA PAPER 67-89] 06 p1086 A67-18337
Sequential estimation of observation error variances in a trajectory estimation problem. [AIAA PAPER 67-89] 23 p4070 A67-41717
- SMITH, G. W.
Simulator studies of MOL tracking experiments. 08 p1317 A67-21105
Space Bola - A satellite retrieval system. 20 p3532 A67-36556
Ground based evaluation of EVA. 22 p3780 A67-40153
- SMITH, G., II
Problems of maintaining equipment containing integrated circuits. 18 p3016 A67-34670
- SMITH, H. A.
A new class of trapped light filaments. 05 p0818 A67-16648
Detecting a signal digitally. 10 p1604 A67-22970
- SMITH, H. E.
An experimental study of supersonic flow over a rearward facing step. 05 p0750 A67-17339
Analysis of Gemini 7-star sightings utilizing a space sextant in Gemini 6. 13 p2154 A67-26817
- SMITH, H. F., JR.
The equations of variation in a numerical lunar theory. 08 p1382 A67-20395
- SMITH, H. G., JR.
Structural development of the XV-9a hot cycle research aircraft. [AHS PAPER 121] 16 p2598 A67-31836
- SMITH, H. J.
Quasars. 02 p0326 A67-12046
High-dispersion spectroscopic observations of Mars. I. 03 p0514 A67-14309
High-dispersion spectroscopic observations of Mars. II. [JPL-TR-32-1048] 09 p1566 A67-22235
Interplanetary scintillation in Jovian decametric radiation. 17 p2944 A67-32643
An upper limit for atmospheric carbon dioxide on Mercury. 24 p2425 A67-41836
- SMITH, H. L.
Fracture toughness and critical defect sizes with welds of 18 percent nickel maraging steels. 03 p0446 A67-13554
Digital transmission capabilities of a transportable troposcatter system. 17 p2811 A67-32118
- SMITH, H. P., JR.
Yield and angular distribution of cesium-sputtered molybdenum. 06 p1036 A67-18139
Pressure wave generation in a fissioning gas. IV. 08 p1322 A67-21121
Evidence against focused chains in high-yield copper sputtering. 16 p2728 A67-31056
- SMITH, I. C.
Production of the boranes and related research. 23 p4047 A67-41443
- SMITH, I. E.
Development of the iterative guidance mode with its application to various vehicles and missions. 17 p2881 A67-32058
- SMITH, J. D.
The effect of metals and alloys on the thermal stability of Avtur. 13 p2185 A67-26703
- SMITH, J. E.
The vibration of blades in axial turbomachinery. [ASME PAPER 66-WA/GT-12] 04 p0712 A67-15362
Effects of glucose loading on the electrocardiogram of pilot applicants. 21 p3573 A67-38068
- SMITH, J. G.
The performance of silver alloys as oxygen electrodes. 09 p1458 A67-22181
Reliable cabling for space vehicles. 21 p3595 A67-38334
- SMITH, J. L.
Boiling heat transfer to liquid helium. 22 p3920 A67-40390
- SMITH, J. L., JR.
The influence of pressure cycling on thermal regenerators. [ASME PAPER 66-WA/PID-1] 04 p0724 A67-15379
Pressure-volume-temperature and internal energy data for helium from 4.2 to 20 deg K between 100 and 1300 atmospheres. 22 p3920 A67-40392
- SMITH, J. M.
Coherent amplification characteristics of GaAs phased array. 22 p3813 A67-39254
- SMITH, J. N.
A survey of manned planetary mission possibilities. 08 p1394 A67-21099
One airline's hits and misses in propulsion systems diagnostics. [SAE PAPER 670358] 17 p2930 A67-32997
One airline's hits and misses in propulsion systems diagnostics. [SAE PAPER 670358] 23 p4048 A67-40866
- SMITH, J. N., JR.
Scattering of molecular beams of He, D sub 2, and H sub 2 from the /111/ plane of Ag. 13 p2099 A67-26948
- SMITH, J. R.
Stability analysis of a computer controlled linear hydraulic control system. 13 p2088 A67-26996
- SMITH, J. S.
Methods of reliability physics. 01 p0041 A67-11356
Experience of the defense communications agency in operating pilot satellite communications. 06 p0979 A67-17668
- SMITH, J. S., II
Cubic phase stabilization of translucent yttriazirconia at very low temperatures. 24 p4175 A67-42373
- SMITH, J. W.
The IBM System/360 Model 91 - Storage system. 11 p1755 A67-23952
- SMITH, K. A.
Heat-transfer processes during ignition of ignition of solid propellant rockets. [AIAA PAPER 66-86] 05 p0873 A67-17217
Nonequilibrium turbulent boundary layer. 19 p3212 A67-35776
- SMITH, K. C. H.
Construction and performance of epitaxial transferred electron oscillators. 06 p0971 A67-18225
- SMITH, K. D.
Generating power at Gigahertz with avalanche-transit time diodes. 01 p0040 A67-11255
The IMPATT diode - A solid-state microwave generator. 17 p2824 A67-32332
- SMITH, K. E.
Recent developments in flash X-ray systems. 18 p3052 A67-34531
- SMITH, K. G.
Investigation of the turbulent boundary layer of a pinched-waist body of revolution in subsonic and supersonic flow /Untersuchungen der turbulenten Grenzschicht an einem taillierten Drehkoerper bei Unter-und Ueberschallstroemung/. 03 p0350 A67-12989
- SMITH, L. B.
Yellow-green luminosity accompanying the injection of triethylborane into the upper atmosphere. 12 p1932 A67-25208
Molecular fluorescence accompanying the twilight injection of triethylborane into the upper atmosphere. 21 p3623 A67-39123
- SMITH, L. F.
Channel multiplier instrumentation for the measurement of low-energy auroral particles. 12 p1944 A67-25855
- SMITH, L. G.
Ionization by Lyman-alpha in the E-region at sunrise. 03 p0415 A67-14114
Measured wind shears and electron densities. 10 p1644 A67-23256
Rocket observations of the lowest ionosphere at sunrise and sunset. 12 p1935 A67-25796
Observations of upper atmospheric winds, electron density, electron temperature, and neutral temperature in the auroral region. 19 p3214 A67-35169
Rocket observations of electron

- temperature in the E region. 19 p3216 A67-35193
- SMITH, L. L.
The worldwide morphology of the atomic oxygen nightglows. 18 p3032 A67-33580
- SMITH, M. C.
Effects of turbulence on laminar skin friction and heat transfer. 08 p1427 A67-21118
Comments on "aerodynamic penetration and radius as unifying concepts in flight mechanics." 17 p2798 A67-32591
- SMITH, M. G.
The isotropic scattering of radiation in a finite homogeneous two-dimensional atmosphere. 09 p1532 A67-21662
Limitations in solid-state technology. 13 p2183 A67-27561
- SMITH, M. H.
Measurement of embedment stresses in electronic modules. 05 p0779 A67-17457
- SMITH, M. J.
Noise measurements on pulsed electrostatically focused klystrons. 09 p1477 A67-22253
- SMITH, M. R.
An investigation of the effect of gas additives on the electron temperature and density in a CO sub 2 laser discharge. 05 p0826 A67-17274
- SMITH, M. W.
Application of microwave building blocks to communications satellites. 17 p2956 A67-32497
Linear microcircuits evaluation and application. 18 p3013 A67-34548
- SMITH, O. E.
Serial completion of upper wind records. 09 p1525 A67-22691
- SMITH, P.
Magnetohydrodynamic flow in a rectangular pipe between conducting plates. 05 p0853 A67-18723
Metabolism of dihydroxyphenylalanine in human subjects. 09 p1454 A67-21982
- SMITH, P. A.
Topside sounder studies of corpuscular radiation effects on the ionosphere during quiet and disturbed conditions. 24 p4147 A67-42055
Estimates of ionospheric composition and temperature derived from topside sounder electron scale height data. 24 p4147 A67-42057
Observations of spread ionization in the topside of the ionosphere. 24 p4148 A67-42060
- SMITH, P. G.
Implementing crosscorrelation measurement of antenna patterns using radio-star sources. 02 p0213 A67-11617
Phase compensation for widely-spaced antenna systems employing coherent signal combinations. 07 p1155 A67-19876
Atmospheric distortion of signals originating from space sources. 11 p1753 A67-24439
Signal acquisition techniques for receiving arrays of large-aperture antennas. 16 p2638 A67-31264
- SMITH, P. J.
On the suitability of igneous rocks for ancient geomagnetic field intensity determination. 11 p1788 A67-24697
- SMITH, P. W.
On the stabilization of a high-power single-frequency laser. 05 p0823 A67-16685
Phase locking of laser modes by continuous cavity length variation. 09 p1510 A67-21575
Mode-locked laser and the 180 deg pulse. 14 p2330 A67-28292
- SMITH, R.
Interval arithmetic in matrix computations. II. 13 p2147 A67-27170
- SMITH, R. C.
Analysis of temperature fluctuations in AC heated filaments. 04 p0723 A67-15117
Ruby laser loss measurement by comparison of R sub 1, R sub 2 thresholds. 05 p0819 A67-16655
Diffusion analysis of the observed time lag of the thermal coefficient of resistivity of germanium. 06 p1050 A67-18144
High performance CdSe thin-film transistor. 18 p3015 A67-34557
Propagation of Gaussian beams in anisotropic media. 24 p4167 A67-42092
- SMITH, R. E.
Nonphosphorylating respiration of mitochondria from brown adipose tissue of rats. 02 p0185 A67-12527
- Handling qualities research at the National Aeronautical Establishment, Ottawa, using airborne V/STOL simulators. 03 p0394 A67-12915
[AIAA PAPER 65-705]
Linear optimal theory applied to active structural bending control. 03 p0361 A67-14142
[AIAA PAPER 66-970]
Cellular biochemistry and organ mass of cold-and heat-acclimated monkeys. 04 p0560 A67-14582
Seasonal metabolic responses of deer mice /peromyscus/ to temperature and altitude. 04 p0561 A67-14593
- SMITH, R. G.
Matrix analysis of beam-columns by the method of finite elements. 03 p0523 A67-13457
The application of Floquet theory to the computation of small orbital perturbations over long time intervals using the Tschauner-Hempel equations. 16 p2744 A67-30729
The application of computers to planning and operating a simultaneous access European ground station network. 18 p3003 A67-34355
- SMITH, R. H.
Meteoritic, solar and terrestrial rare-earth distributions. 10 p1851 A67-23428
Silicon abundances in meteoritic chondrules. 24 p4236 A67-42644
- SMITH, R. L.
Progress in magnetospheric radio. 05 p0795 A67-18011
Effects of display magnification, proprioceptive cues, control dynamics and trajectory characteristics on compensatory tracking performance. 09 p1456 A67-22372
Independent effects of error magnification and field of view on compensatory tracking performance. 14 p2258 A67-28667
An analytical and experimental investigation of helicopter pylon stability. 14 p2246 A67-29048
The Plessey constant speed drive/starter and its application to the BAC 1-11 commercial transport. 17 p2800 A67-31975
The MOSFET approach to small scale integration of large scale circuits. 18 p3014 A67-34555
- SMITH, R. L., JR.
The case for compatibility. 03 p0399 A67-14209
Technical problems in on-board checkout systems. 20 p3449 A67-36979
- SMITH, R. N.
Fatigue indicating meter attachment. 21 p3719 A67-38130
- SMITH, R. V.
Comparison of mass limiting two-phase flow in a straight tube and in a nozzle. 13 p2093 A67-26541
Long-term study of electrons trapped on low L shells. 14 p2380 A67-28051
Critical flow in an annular venturi. 24 p4143 A67-42280
- SMITH, R. W.
Rocket-borne equipment for an L.F. D region propagation experiment. 15 p2489 A67-30136
Aromatic ordered copolyamides for temperature-resistant fibers. 21 p3647 A67-37871
- SMITH, S. D.
Localized modes of substitutional impurities in intermetallic compounds. 06 p1059 A67-18910
Zeeman effect of acceptor states in semiconducting diamond. 06 p1062 A67-18927
Infra-red physics. 08 p1353 A67-20762
Faraday rotation in indium arsenide. 22 p3863 A67-40204
Remote temperature sensing of the earth's atmosphere using a selective chopper radiometer. 22 p3805 A67-40356
- SMITH, S. E.
Future improvements in critical areas of TRKI-12 receiver/recorder group. 20 p3380 A67-36550
- SMITH, S. F.
Flare positions relative to photospheric magnetic fields. 23 p4060 A67-41231
- SMITH, S. H.
Random-loading fatigue crack growth behavior of some aluminum and titanium alloys. 10 p1669 A67-23434
- SMITH, S. L.
Real-time digital simulation for systems control. 05 p0768 A67-17518
- SMITH, S. M.
Evaluation of vasomotor instability by means of the blood pressure response to carotid sinus pressure. 05 p0756 A67-16290
- SMITH, T.
A process for ceramic dielectric isolation for integrated circuits. 12 p1916 A67-25997
- SMITH, T. E.
The impact of maintainability engineering techniques on the design of the F-111. 18 p2986 A67-34663
- SMITH, T. F.
Will pressure destroy superconductivity/ques/. 19 p3303 A67-35043
- SMITH, T. H.
Application of the MIRA 150A variable thrust rocket engine to manned lunar exploration flying systems. [AIAA PAPER 67-505] 18 p3113 A67-33969
- SMITH, T. J.
Role of slip step emergence in the early stages of stress corrosion cracking in face centered iron-nickel-chromium alloys. 16 p2690 A67-31384
- SMITH, T. W.
A British reusable booster concept. 15 p2568 A67-29843
- SMITH, W. B.
Astronomical constants and planetary ephemerides deduced from radar and optical observations. 15 p2556 A67-29871
- SMITH, W. H.
Synchronization of a jam-resistant mobile small-terminal satellite communications system. 06 p0959 A67-17671
New relay testing requirements for the Saturn program. 13 p2084 A67-27696
- SMITH, W. J.
Modern optical engineering. 03 p0468 A67-13365
- SMITH, W. M.
Some precepts of reliable electronic design. 01 p0083 A67-11348
- SMITH, W. S.
Temperature measurements in noctilucent clouds. 19 p3251 A67-34951
- SMITH, W. W.
Gross failure of the conventional adiabatic criterion - Structure and coherence in the low-energy excitation of helium atoms by helium ions. 15 p2519 A67-29330
- SMITHSON, H. K.
Operation of hotshot tunnel F with air as a test gas. 21 p3606 A67-37775
- SMITS, D. W.
Computer analysis of observed distributions into Gaussian components. 06 p0965 A67-18069
- SMITS, F. M.
Design considerations for a semipermanent optical memory. 20 p3390 A67-36511
- SMOCZYNSKI, L.
Some properties of the scattering-matrix coefficients of three-port junction circulators /Pewne własności współczynników macierzy rozproszenia cyrkulatorów trojramiennych/. 05 p0770 A67-16170
- SMOES, S.
Mass spectrometric studies of the vaporization of refractory compounds. 19 p3242 A67-34864
- SMOGILEV, K. A.
Superhigh-frequency radio receivers /Radiopriemniki SVCh/. 17 p2822 A67-32020
- SMOKLER, M. I.
Calibration of the Surveyor television system. 22 p3807 A67-40376
- SMOKTII, O. I.
Multiple light scattering in a homogeneous spherically symmetrical planetary atmosphere /Mnogokratnoe rasseyaniye sveta v odnorodnoi sfericheskisimmetrichnoi planetnoi atmosfere/. 13 p2113 A67-26683
Determination of the brightness of an inhomogeneous spherically symmetrical planetary atmosphere /Ob opredelenii larkosti neodnorodnoi sfericheskisimmetrichnoi planetnoi atmosfery/. 14 p2313 A67-28766
Multiple light scattering in an inhomogeneous spherically symmetrical planetary atmosphere /Mnogokratnoe rasseyaniye sveta v neodnorodnoi sfericheskisimmetrichnoi planetnoi atmosfere/. 16 p2698 A67-31096
Multiple scattering of light in a homogeneous spherically symmetrical planetary atmosphere. 21 p3618 A67-38427
- SMOL, G.
On the design of thin injected beam crossed field amplifiers. 09 p1478 A67-22261
- SMOLDEREN, J. J.
The VKIFD low density wind

- tunnel. 04 p0596 A67-14994
Direct measurement of first collision effects in rarefied high speed flows. 14 p2317 A67-28197
- SMOLENSKI, D.**
Ignition regularity criterion for solid-propellant rocket engines /Kryterium prawnidowosci zaplonu w silnikach rakietowych na paliwo stale/. 01 p0139 A67-10524
- SMOLENSKII, G. A.**
Peculiarities of ferroacoustic resonance in an yttrium ferrite galate solid solution /Osobennosti ferroakusticheskogo rezonansa v tverdom rastvore ferrita-gallata ittrila/. 05 p0868 A67-17064
Characteristic features of ferroacoustic resonance in a solid solution of yttrium ferrite-gallate. 15 p2538 A67-29795
- SMOLIAKOV, V. IA.**
Approximate similarity criterion for an arc with self-adjusting length, burning in a plasmatron with gas vortex stabilization /Kriterii priblizhennogo podobia dugi s samoustanovlivalushchiesia dlinoi, goriashelei v plazmotrone s vikhrevol gazovol stabilizatsiei/. 11 p1843 A67-24969
Electric field intensity distribution over the length of a longitudinally blown arc in a DC plasmatron /Raspredelenie napriazhennosti elektricheskogo polia po dlinae prodol'no-obduvaemol dugi v plazmotrone postolannogo toka/. 11 p1843 A67-24972
Peculiarities of the operation of low-temperature plasma generators with vortex stabilization of the arc, and generalization of the investigations /Osobennosti raboty generatorov nizkotemperaturnoi plazmy s vikhrevol stabilizatsiei dugi i obobshchenie rezul'tatov issledovani/. 17 p2897 A67-32171
- SMOLIANETS, I. F.**
Amplitude modulation with a controlled carrier /Amplitudnaya modulatsiya s upravlaemol nesushchei/. 18 p2998 A67-33502
- SMOLIANINOV, V. M.**
Analysis of optimal reception of signals transmitted through a channel with random parameters /Analiz optimal'nogo priema signalov, proshedshikh kanal so sluchainymi parametrami/. 11 p1751 A67-23914
Analysis of optimum reception of signals which have passed through a channel with random parameters. 21 p3585 A67-38942
- SMOLIN, G. G.**
An investigation into turbulent submerged jets over a wide temperature range. 04 p0602 A67-14638
Two-dimensional isothermal flow of electrically conducting liquids and gases in channels in the presence of electric and magnetic fields. 09 p1544 A67-21861
- SMOLITSKII, K. L.**
Approximate Methods for Solution of Differential and Integral Equations. 23 p4022 A67-40841
- SMOLITSKII, KH. L.**
On a class of motions of conservative systems with one noncyclic coordinate. 15 p2518 A67-29685
- SMOLKIN, G. E.**
Disintegration of the front of direct magnetoacoustic shock waves in a rarefied plasma at high Mach numbers /Razrushenie fronta priamykh magnitnozvukovykh udarnykh voln v razrezhennol plazme pri bol'shikh chislakh Makha/. 16 p2714 A67-31039
An ionizing shock wave in a rarefied plasma /Ionizatsionnaya udarnaya volna v razrezhennol plazme/. 19 p3293 A67-35402
- SMOLL, A. E.**
RF design of communication-satellite earth stations. I. 14 p2273 A67-28798
RF design of communication-satellite earth stations. II. 16 p2635 A67-30473
RF design of communication-satellite earth stations. III. 18 p3003 A67-34349
- SMOLNIKOV, B. A.**
Rotation of a rigid body with rotating flywheels about its center of inertia. 15 p2493 A67-29886
Certain problems in the active control of the orientation of space vehicles. 22 p3899 A67-39189
Generalization of the case of Euler motion of a solid body /Obobshchenie eilerova sluchala dvizhenia tverdogo tela/. 22 p3836 A67-39403
- SMOLNIKOV, L. P.**
Shaping of a desirable linear amplitude characteristic for servosystems containing saturable elements /K formirovaniu zhelatnoi lach slediaschikh sistem, soderzhashchikh elementy s nasyshcheniem/. 11 p1794 A67-25040
- SMOLSKII, B. M.**
Study of the effect of mass transfer on the heat transfer during sublimation of a rarefied gas medium in the case of a Couette flow /Issledovanie villanii massobmena na protsess teploobmena pri sublimatsii v razrezhennol gazovol srede dlia techenia Kuetta/. 14 p2408 A67-28800
Transport processes in a reacting boundary layer. 24 p4143 A67-42284
- SMOLUCHOWSKI, R.**
Internal structure and energy emission of Jupiter. 20 p3525 A67-36867
- SMOOT, L. D.**
Pressure dependence of hybrid fuel regression rates. 05 p0873 A67-17347
Rocket exhaust plume radar attenuation and amplitude/phase noise. 15 p2436 A67-29429
Model for mixing of a compressible free jet with a moving environment. 23 p3992 A67-41731
- SMORGONSKI, V. IA.**
Critical conditions in a circular waveguide with dielectric insert. 03 p0378 A67-13287
- SMORODIN, IU. A.**
High-energy gamma rays and the nucleon interaction which generates them /Gamma-luchi vysokoi energii i porozhdalushchie ikh vzaimodelstvia nuklonov/. 02 p0316 A67-12763
Comparison of experimental data concerning the development of extensive atmospheric showers in the upper part of the atmosphere with the results of calculations /Sopostavlenie eksperimental'nykh dannykh o razvitii shirokikh atmosferykh livnel v verkhnei chasti atmosfery s rezul'tatami raschetov/. 02 p0316 A67-12764
Investigation of the reactions of nucleons with an energy of greater than 10 super 14 ev /Issledovanie vzaimodelstvi nuklonov s energiei bol'she priblizitel'no 10 super 14 ev/. 02 p0316 A67-12765
Elimination of certain contradictions in data concerning cosmic rays with an energy of more than 10 super 11 ev by means of a hypothesis of the existence of a passive state of the baryon /Ob ustraneni nekotorykh protivorechii v dannykh o kosmicheskikh luchakh s energiei vysh 10 super 11 ev s pomoshch'iu gipotezy sushestvovaniia passivnogo sostoiianiia bariona/. 02 p0316 A67-12766
An explanation of some inconsistencies in the data on cosmic rays with energies above 10 super 11 ev, based on the assumption of the existence of a passive nucleon state. 10 p1703 A67-23586
High-energy gamma rays and nucleon interactions giving rise to them. 22 p3876 A67-40265
Comparison of experimental data on development of extensive air showers in the upper atmosphere with the results of calculations. 22 p3876 A67-40266
Investigation of the interaction of greater than 10 super 14 ev nucleons. 22 p3876 A67-40267
On elimination of some contradictions in the data on cosmic rays with energies above 10 super 11 ev by recourse to the hypothesis of the existence of a passive baryon state. 22 p3877 A67-40268
Studies of interactions of nucleons of energies of approximately 10 super 14 ev /Issledovanie vzaimodelstvi nuklonov s energiei approximately 10 super 14 ev/. 24 p4218 A67-42836
- SMORODINOVA, M. I.**
Thermoelectronic properties of a pure and barium-film coated /111/ face of a tungsten single crystal /Termoelektronnyye svoistva chisto i pokrytoi plenkol barila grani /111/ monokristalla vol'frama/. 10 p1694 A67-23646
- SMUTEK, R.**
Trimming of titanium made easy. 22 p3811 A67-39308
- SMY, P. R.**
Experiments on reflected shock waves in plasma flow-magnetic field interactions. 05 p0850 A67-18067
Detection and measurement of precursor ionization in an electromagnet shock tube. 18 p3091 A67-34727
- SMYSHLIAEV, P. P.**
Approximate solutions for the heat-conduction equation for a two-layer plate during the sublimation of the material on its outer surface /Priblizhennyye reshenia uravnenia teploprovodnosti dlia dvukhsloinnoi plastiny pri sublimatsii materiala na vneshnei poverkhnosti/. 14 p2408 A67-28802
- SMYSLOV, IU. N.**
Magnetohydrodynamic flow in the vicinity of the critical point in a purely azimuthal magnetic field /Magnitogidrodinamicheskoe techenie v okrestnosti kriticheskoi tochki v chisto azimutal'nom magnitnom pole/. 22 p3853 A67-40011
- SMYSLOV, V. I.**
Electromechanical analog technique for the elastic vibrations of an aircraft in flight /Metod elektromekhanicheskogo modelirovaniia uprugikh kolebanii samoleta v polete/. 22 p3746 A67-40451
- SMYTH, J. B.**
Tropospheric structure factors obtained from radio data. 03 p0417 A67-14249
The influence of terrain irregularities on the propagation and reflection of radio waves. 14 p2264 A67-28398
- SMYZER, F.**
A diffusion model of perceptual memory. 21 p3576 A67-39097
- SNAPE, E.**
Refractory-melt reactions in vacuum induction melting of nickel-base alloys. 19 p3242 A67-34786
- SNARE, R. C.**
A fluxgate magnetometer for the applications technology. 04 p0626 A67-15723
A magnetic field instrument for the OGO-E spacecraft. 04 p0626 A67-15724
- SNEDDON, I. N.**
The surface effects due to body forces in the interior of an elastic half-space. 05 p0908 A67-16040
Mixed boundary value problems in potential theory. 06 p1024 A67-18427
- SNEJDAR, V.**
Some aspects of the future development in the field of semiconductors /Nektere aspekty dalshego razvoje oboru polovodnicu/. 17 p2823 A67-32299
- SNELL, J. E.**
A vapour etching technique for the photolithography of silicon dioxide. 04 p0682 A67-15488
- SNETSINGER, K. G.**
Niningerite - A new meteoritic sulfide. 07 p1247 A67-19064
Chromite composition in relation to chemistry and texture of ordinary chondrites. 24 p4232 A67-42612
- SNIDE, J. A.**
Oxidation of ultra-high-purity cobalt at selected oxygen pressures over the temperature range 950 to 1250 deg C. 23 p4018 A67-40872
- SNIDER, C.**
An intercomparison of hydrogen and cesium frequency standards. 09 p1494 A67-21616
- SNIDER, C. B.**
Recent extreme ultraviolet solar spectra and spectroheliograms. 10 p1707 A67-23224
- SNIDER, N. S.**
Rate equation for dissociation and recombination of diatomic molecules. 03 p0473 A67-13521
- SNIGIREV, IU. I.**
Thermal behavior of a vehicle entering the earth's atmosphere at velocities approaching 15 km/sec /Teplovot rezhim letatel'nogo apparata pri skorostikh vkhoda v atmosferu zemli, blizkikh k 15 km/sec/. 13 p2224 A67-27325
- SNIPES, W.**
Free radical formation in amino acids exposed to thermal hydrogen atoms. 13 p2065 A67-26869
ESR of free-radical conversion in gamma-irradiated dihydrothymine. 14 p2259 A67-28300
- SNITKO, O. V.**
Investigation of the impurity photoconductivity of a silicon surface doped with gold /Doslizhennia domishkovoi fotoprovodnosti poverkhnii kremliia, legovanol zolotom/. 05 p0871 A67-17491
Effect of a transverse electric field on the mobility of photocurrent carriers in CdS single crystals /Villanie poperechnogo

- elektricheskogo polia na podvzhnost' nositelei fototoka v monokristallakh CdS/. 13 p2174 A67-26369
- Chemical sensitization of cadmium sulfide single crystals /Prokhlidnuyu sensibilizatsiyu monokristallov sul'fidu kadmiiu/. 13 p2174 A67-26401
- Study of the field-effect kinetics on a pure germanium surface /Vlivcheniya kinetiki efektu polia na chistil poverkhni germaniia/. 13 p2174 A67-26403
- Study of an IR silicon photoconductivity "burst" in nonequilibrium field effect /Issledovanie "vspyshki" IK fotoprovodimosti kremniia v neravnovesnom effekte polia/. 14 p2368 A67-28536
- Kinetics of the electron exchange between surface bands and space bands of semiconductors /Kinetika elektronogo obmnu mlzh poverkhnevimi ta ob'emnimi zonami v naplivovalnikakh/. 14 p2371 A67-28754
- Study of the electron state on a silicon surface free of foreign atoms /Doslidzhenniya elektronikh staniv na atomarno-chistil poverkhni kremniia/. 14 p2372 A67-28755
- Influence of a transverse electric field on the mobility of photocarriers in CdS single crystals. 21 p3680 A67-38325
- Investigation of the infrared photoconductivity "flash" of silicon in nonequilibrium field effect. 23 p4040 A67-40943
- SNITZER, E.**
- Laser emission at 1.06 μ from Nd super 3 super plus -Yb super 3 super plus glass. 05 p0820 A67-16664
- Saturable absorption of color centers in Nd super 3 super plus and Nd super 3 super plus -Yb super 3 super plus laser glass. 05 p0822 A67-16678
- SNODDY, W. C.**
- Irradiation above atmosphere due to Rayleigh scattering and diffuse terrestrial reflections. [AIAA PAPER 65-666] 03 p0411 A67-13046
- Problems in the thermal design of spacecraft. 03 p0517 A67-13072
- Infrared emission during a simulated lunar eclipse. [AIAA PAPER 67-290] 12 p2009 A67-26007
- SNOGREN, R. C.**
- Removing heat from high-density packaged electronics. [ASME PAPER 67-DE-47] 14 p2408 A67-28880
- SNOPKO, K. N.**
- Application of traveling-wave-tube to a relativistic drift klystron. 22 p3770 A67-39655
- SNOW, C. C.**
- Fatal injuries resulting from extreme water impact. 21 p3573 A67-38069
- Experimental comparison of trauma in lateral /plusG sub y/, rearward facing /plusG sub x/, and forward facing /minusG sub x/ body orientations when restrained by lap belt only. 22 p3750 A67-39594
- Injury in lateral impact -Gy/ when restrained by aircraft seat belt only. 23 p3954 A67-41595
- A survival study of a modern commercial jet aircraft /Boeing 727/ landing accident with subsequent interior fire. II. 23 p3969 A67-41650
- SNOW, D. R.**
- Caratheodory-Hamilton-Jacobi theory in optimal control. 07 p1162 A67-20275
- Determining reachable regions and optimal controls. 21 p3603 A67-38441
- SNOW, E. H.**
- A model for radiation damage in metal-oxide-semiconductor structures. 01 p0036 A67-10475
- Properties of the silicon dioxide-silicon system. 03 p0500 A67-14181
- Effects of ionizing radiation on oxidized silicon surfaces and planar devices. 19 p3305 A67-35621
- SNOW, K.**
- Low spatial frequency holograms of solid objects. 09 p1493 A67-21572
- SNYDER, C. W.**
- Initial results from the Mariner 4 solar plasma experiment. 10 p1707 A67-23228
- Mariner 2 observations of the solar wind. II. [JPL-TR-32-1107] 13 p2190 A67-26304
- The Interplanetary plasma. 14 p2362 A67-29047
- SNYDER, E. O.**
- Terrain-following radar that doesn't scan continuously. 11 p1752 A67-24259
- Apollo ships steering system for precision track-keeping. 16 p2701 A67-31659
- SNYDER, G. R.**
- An analysis technique for computer simulation of switching circuit malfunctions. 03 p0394 A67-14219
- SNYDER, H. A.**
- Experiments on the effect of horizontal shear and change of aspect ratio on convective flow in a rotating annulus. 03 p0463 A67-13932
- Harmonic generation in Taylor vortices between rotating cylinders. 04 p0601 A67-14462
- SNYDER, H. H.**
- Propagation in periodically deformed circular and rectangular waveguides. 24 p4121 A67-42287
- SNYDER, J.**
- LM cathode electron-bombardment thrusters. [AIAA PAPER 67-867] 21 p3690 A67-38701
- SNYDER, J. E.**
- Implementation of advanced simulation techniques for predicting the Saturn V launch vehicle system behavior. [AIAA PAPER 67-205] 06 p1096 A67-18344
- Assessment of ground system performance and integration of reliability and maintainability with simulated system operations. 18 p3139 A67-34694
- Implementation of advanced simulation techniques for predicting the Saturn V launch vehicle system behavior. [AIAA PAPER 67-205] 19 p3331 A67-34807
- Implementation of advanced simulation techniques for predicting the Saturn V launch vehicle system behavior. 20 p3414 A67-36536
- Prediction of launch vehicle availability using computer simulation. [SMPT PAPER 102-27] 22 p3908 A67-40371
- SNYDER, J. T.**
- Stress corrosion of explosively deformed high strength alloys. [ASTME PAPER WES-7-63] 10 p1667 A67-23009
- Springback control - Key to accuracy in explosive forming. 10 p1660 A67-23170
- SNYDER, J. W.**
- Radiation hazard to man from solar proton events. 15 p2429 A67-29450
- Conjugate auroral measurements from the 1962 U.S. high altitude nuclear test series. 18 p3036 A67-33603
- SNYDER, R. E.**
- Thermal comfort zones for helium-oxygen atmospheres at reduced pressures. 22 p3754 A67-39599
- SNYDER, R. G.**
- Possible medical factors contributing to the fatal crash of a race pilot - A case report. 09 p1456 A67-21734
- Fatal injuries resulting from extreme water impact. 21 p3573 A67-38069
- Experimental comparison of trauma in lateral /plusG sub y/, rearward facing /plusG sub x/, and forward facing /minusG sub x/ body orientations when restrained by lap belt only. 22 p3750 A67-39594
- Injury in lateral impact -Gy/ when restrained by aircraft seat belt only. 23 p3954 A67-41595
- SNYDER, W. A.**
- Attitude determination and control of the Syncom, Early Bird, and applications technology satellites. [AIAA PAPER 67-532] 19 p3334 A67-35934
- SNYDER, W. H.**
- Probability density measurements in a curved mixing layer. 16 p2660 A67-31219
- SNYDER, W. T.**
- Magnetohydrodynamic heat transfer in a finite duct with fully developed flow conditions. 04 p0673 A67-15872
- SNYDERS, P. W.**
- Future major requirements of International space law. 12 p2044 A67-26154
- SO, K. L.**
- Vortex phenomena in a conical diffuser. [AIAA PAPER 66-426] 14 p2240 A67-28109
- SOBCZYK, K.**
- Scattering of waves on uneven surfaces. II /Rozpraszanie fal na powierzchniach nierownych. II/. 18 p3004 A67-34380
- SOBEL, L. H.**
- Stability of toroidal shells under uniform external pressure. 08 p1417 A67-20557
- SOBELMAN, I.**
- The theory of Doppler and impact broadening of spectral lines and pressure effects on the power output of a gas laser. 05 p0818 A67-16643
- SOBELMAN, I. I.**
- Flux and spectrum of protons responsible for hydrogen emission in auroras. 13 p2110 A67-26542
- SOBERMAN, R. K.**
- Rocket sampling of noctilucent cloud particles during 1964 and 1965. 19 p3216 A67-35194
- SOBINIAKOV, V. A.**
- Investigation of ionization bursts at mountain altitudes /Izuchenie ionizatsionnykh tolchok na urovne gor/. 02 p0315 A67-12758
- Evaluation of the effective cross-section of the inelastic interaction of primary 10 super 12 -ev protons with atmospheric atomic particles /Otsenka effektivnogo sachenia neuprugogo vzaimodeistvia pervichnykh protonov s energiei 10 super 12 ev s atomnymi ladrami atmosfery/. 02 p0315 A67-12759
- Mechanism of the formation of high-energy pions in cosmic rays /O mekhanizme obrazovaniia vysokoennergichnykh pionov v kosmicheskikh luchakh/. 02 p0315 A67-12760
- Measurement of the intensity of nuclear-active particles at mountain altitudes /Izmerenie intensivnosti laderno-aktivnykh chastits na vysotakh gor/. 21 p3696 A67-38293
- Investigation of ionization bursts at mountain altitudes. 22 p3876 A67-40260
- Evaluation of the cross section for inelastic interaction of 10 super 12 ev primary protons with air nuclei. 22 p3876 A67-40261
- On the mechanism of production of high-energy pions in cosmic rays. 22 p3876 A67-40262
- Certain results obtained by the method of controlled nuclear photoemulsions with the fixation of time of recorded events /Nekotorye rezul'taty, poluchennye metodom kontrolirovemykh ladernykh fotoemul'sil s fiksatsiei vremeni registriruemykh sobyti/. 24 p4217 A67-42832
- Energy spectrum of nuclear-active particles at mountain altitudes /Energeticheskii spektr ladernoaktivnykh chastits na vysotakh gor/. 24 p4218 A67-42834
- SOBOL, H.**
- Extending IC technology to microwave equipment. 10 p1610 A67-22973
- Microwave modules using integrated circuits. 15 p2451 A67-29926
- Analysis of electron current extraction from synthesized plasmas. 20 p3495 A67-36168
- SOBOL, I. M.**
- The Monte Carlo Method-the Method of Statistical Trials. 03 p0462 A67-14256
- SOBOLENSKO, T. M.**
- Shock-wave compression of low-carbon steels /Udarnoe szhatie malouglerodistykh stale/. 12 p1957 A67-26117
- SOBOLEV, A. V.**
- S sub D variations of the geomagnetic field in Yakutsk and solar activity /S sub D - variatsii geomagnitnogo polia v Iakutskie i solnechnaia aktivnost'/. 21 p3623 A67-39041
- SOBOLEV, B. P.**
- Laser with neodymium-activated alpha-gagarinite. 15 p2496 A67-29360
- Induced emission of NaCaCeF sub 6 -Nd super 3 super plus at room temperature. 24 p4166 A67-41983
- SOBOLEV, G. A.**
- The obtaining of holograms of three-dimensional objects /Poluchenie gologramm trekhmernykh ob'ektov/. 15 p2489 A67-30077
- SOBOLEV, G. L.**
- Calculation of space-charge fields of a planar magnetron. 03 p0385 A67-13954
- SOBOLEV, N. D.**
- Method of studying the damage associated with thermal fatigue. 09 p1575 A67-22167
- SOBOLEV, N. N.**
- Electron temperature in an electric discharge applied to an argon ion laser /Ob elektronnoi temperature v elektricheskoi razlade, primeniamom dlia argonovogo ionnogo OKG/. 01 p0090 A67-10550
- Electron temperature in the electric discharge used for the argon ion laser. 01 p0091 A67-11058
- Mechanism causing the inverse population of the CO sub 2 laser levels /O mekhanizme, obespechivaiushchem inversnuiu zaselenost' urovnei v OKG, rabotalushchikh na CO sub 2/. 03 p0437 A67-13297
- A mechanism ensuring level population

- inversion in CO sub 2
lasers. 04 p0631 A67-14722
- Spectroscopic studies of gas discharges
used for argon ion lasers. 05 p0823 A67-16680
- Influence of rate of disintegration of the
lower laser level on the power of a CO sub
2 laser. 10 p1664 A67-23335
- CO sub 2 lasers /Opticheskoe kvantovye
generatory na CO sub 2/. 13 p2125 A67-26389
- Spectroscopic study of a gas discharge for
argon ion lasers /Spektroskopicheskoe
issledovanie gazovogo razriada dlia
argonovykh ionnykh opticheskikh kvantovykh
generatorov/. 15 p2501 A67-30003
- Application of highly ionized plasma to
laser construction. 16 p2686 A67-31576
- Level population in pulsed argon-ion
laser. 17 p2867 A67-32452
- Spectroscopic investigation of gas
discharge for argon ion-optical
lasers. 18 p3059 A67-33760
- Ionization rate in an electrical discharge
used for an argon ion laser /O skorosti
ionizatsii v elektricheskoi razriade,
primeniamom dlia argonovogo ionnogo
OKG/. 18 p3061 A67-34044
- Vibrational level inversion population of
polyatomic molecules, CO sub 2
laser. 20 p3457 A67-36216
- SOBOLEV, O. P.**
Combustion of a polydisperse jet of liquid
fuel /O goreni polidispersnogo fakela
zhidkogo topliva/. 21 p3732 A67-38528
- SOBOLEV, S. S.**
Positive column from a helium discharge
in a strong magnetic field /Polozhitel'nyi
stolb geliyevogo razriada v sil'nom magnitnom
pole/. 02 p0277 A67-12615
- Correlator for the study of oscillations in
a stationary gas discharge /Korrelator dlia
issledovaniia kolebani v statsionarnom
gazovom razriade/. 07 p1227 A67-19120
- Positive column of a helium discharge in a
strong magnetic field. 13 p2170 A67-27371
- Correlator for investigating fluctuations in
a stationary gaseous
discharge. 21 p3664 A67-38165
- SOBOLEV, V. V.**
Number of scatterings in photon diffusion.
II /Chislo rasselanii pri diffuzii fotonov.
II/. 04 p0695 A67-14655
- Energy band structure of crystals of
groups IV, III-V, and II-VI and Mg sub 2 Si-
type crystals /Energeticheskaya struktura
zon kristallov grupp IV, III-V, II-VI i tipa
Mg sub 2 Si/. 18 p3095 A67-33448
- SOBOLEVA, N. P.**
Coefficient of linear expansion of
commercial titanium /O koefitsiente
lineinogo rasshireniia tekhnicheskogo
titana/. 07 p1208 A67-19297
- SOBOLEVSKII, P. E.**
Application of fractional powers of
operators to an investigation of quasi-linear
parabolic and elliptic equations and systems
/Primenenie drobnnykh stepenel operatorov k
issledovaniu kvazilineinykh parabolicheskikh
i ellipticheskikh uravnenii i
sistem/. 15 p2510 A67-29661
- SOBOTKA, Z.**
The static and kinematical equations for
the limiting plane - Strain state with two
yield conditions. 20 p3541 A67-37299
- SOBOTKOVSKII, B. E.**
Autodyne for EPR observations in weak
fields /Avtodin dlia nabludeniiia E.P.R. v
slabykh polakh/. 11 p1793 A67-24865
- SOBOYEJO, A. B. O.**
On Markov model for transient amplitude
variation in damped free
vibration. 10 p1724 A67-23709
- Application of maximum entropy in
estimating the reliability functions for creep
failure modes of engineering materials at
high temperatures. 18 p3145 A67-34675
- SOCILINA, A. S.**
Accuracy of the orbital elements of
artificial earth satellites /O tochnosti
elementov orbit iskusstvennykh sputnikov
zemli/. 20 p3523 A67-36625
- SOCOR, V.**
Time dependence of the power output at
119 mu in a water vapor
laser. 11 p1801 A67-24728
- Time dependence of the power output at
337 mu in a cu laser. 13 p2127 A67-27017
- Comparison of rotating mirror and liquid
bleacher as a Q switch for a ruby
laser. 17 p2871 A67-33390
- SOCKEL, H.**
Compressible flows in channels with
circular cross sections /Kompressible
Stromung in Kanaelen mit
Kreisschnitt/. 14 p2305 A67-28976
- SOCKOL, P.**
Voltage-current characteristics of
Hartmann boundary layers in
plasmas. 12 p1972 A67-25384
- SOCKY, R. B.**
Total nondestructive testing through
application of diverse
instrumentation. 23 p4005 A67-41369
- A materials development and testing
laboratory in orbit.
[AIAA PAPER 67-815] 24 p4139 A67-42969
- SOCOLESCU, R. C.**
Supersonic flow around an elliptic cone
fitted with lateral fins /Miscarea supersonica
in jurul unui con eliptic prevazut cu aripi
laterale/. 05 p0749 A67-16844
- SODEK, B. A.**
Definition of science subsystems for
Jupiter flyby missions.
[AIAA PAPER 67-120] 06 p1084 A67-18287
- SODEK, B. A., JR.**
Multi-fluid effects in a hydromagnetic
waveguide. 12 p1969 A67-25247
- Applicability of partition functions at high
temperatures. 14 p2405 A67-28131
- SODEN, A. L.**
Rubber and plastics materials for the
aerospace industries. 13 p2143 A67-26698
- SODHA, M. S.**
Nonlinear second harmonic generation in
an inhomogeneous
magnetoplasma. 06 p1046 A67-18825
- On nonlinear generation of second
harmonic and sum and difference
frequencies in a homogeneous
plasma. 06 p1046 A67-18826
- Microwave third harmonic generation in
semiconductors at low
temperatures. 08 p1368 A67-20701
- SODIN, L. G.**
Statistical analysis of nonequidistant linear
antenna arrays /Statisticheskii analiz
neekvidistantnykh lineinykh antenn-
reshetok/. 04 p0583 A67-15149
- Calculation of the main parameters of a
phased antenna array with stepped tierwise
nonsynchronous control of the beam
position. 10 p1611 A67-22982
- Directivity factor of an antenna with a
Chebyshev radiation pattern /Koeffitsient
napravleniia delstvii anteny s
Chebyshevskoi
diagrammoy/. 14 p2289 A67-28862
- Statistical analysis of nonequidistant linear
antenna arrays. 15 p2443 A67-29336
- T-shaped radio telescope with a range
from 10 to 25 mc with electric beam control
/T-obraznyi radioteleskop diapazona 10 - 25
MGts s elektricheskim upravleniem
luchom/. 16 p2640 A67-31496
- SOEDA, T.**
On the gain adjustment of nonlinear time-
variant control systems with random
inputs. 05 p0783 A67-16444
- SOEDER, C. J.**
Carbon dioxide induced delay of cellular
development in two
Chlorella
species. 20 p3369 A67-38791
- SOEDERQUIST, B.**
Measurement of biaxial creep strains using
the moire method. 08 p1332 A67-21461
- SOEGLIO, J.**
Ionospheric data as obtained by a rocket
in Indonesia. 19 p3219 A67-35232
- SOEGTROP, G.**
Supersonic air traffic. I /Der Ueberschall-
Luftverkehr. I/. 07 p1131 A67-20292
- SOERAS, F.**
Rocket measurement of proton energy
spectra and pitch angle distribution in the
auroral zone. 01 p0061 A67-11261
- SOETEBEER, W.**
Stress analysis of radial-flow impellers
/Festigkeitsuntersuchungen an radial
durchstroemten
Laufraedern/. 04 p0708 A67-14537
- SOFFEN, G.**
The role of the scientist in automated
laboratory systems.
[AIAA PAPER 67-632] 20 p3375 A67-37615
- SOFFER, B. H.**
Continuously tunable, narrow-band organic
dye lasers. 15 p2500 A67-29817
- SOFFER, S. B.**
Statistical model for the size effect in
electrical conduction. 15 p2517 A67-29485
- SOFIA, S.**
Evolution of the radio spectral index of
supernova remnants. 11 p1859 A67-24114
- The electron temperature of H II
regions. 19 p3325 A67-35503
- The cosmic-ray electron spectrum in a
disc-halo galactic model. 20 p3518 A67-36946
- Comments on Shklovsky's model for the
X-ray source SCO XR-1. 20 p3527 A67-37394
- SOFIENKO, L. A.**
Ionospheric flux system of the initial
phase of the geomagnetic storm of
September 4, 1957 /Ionosfernaia tokovaia
sistema nachal'noi fazy geomagnitnoi buri 4
Sentabria 1957 g./. 05 p0802 A67-17148
- Ionospheric current system of the initial
phase of the geomagnetic storm of
September 4, 1957. 21 p3619 A67-38490
- SOFUE, T.**
Combustion characteristics and ballistic
performance of dual-layer propellant grains
for end-burning type rocket
motors. 05 p0872 A67-16589
- SOGA, N.**
Elastic properties of tektites measured by
resonant sphere
technique. 11 p1864 A67-24558
- SOGO, T.**
Threshold current density in solution-
grown GaAs laser diodes. 21 p3641 A67-38457
- SOHL, G.**
Cesium electron bombardment ion
microthrusters.
[AIAA PAPER 67-81] 07 p1240 A67-19436
- Cesium electron-bombardment ion
microthrusters. 21 p3689 A67-37790
- Performance of a cesium bombardment ion
engine with a self-rectifying discharge and
automatic controls.
[AIAA PAPER 67-666] 21 p3690 A67-38700
- Electric propulsion for satellite position
and attitude control.
[AIAA PAPER 67-722] 21 p3697 A67-38961
- SOHN, H. M.**
Maintainability for the
C-5A. 11 p1745 A67-24939
- SOHN, R. L.**
Mars/Venus flyby missions with manned
Mars landers. 05 p0902 A67-17221
- Interplanetary
trajectories. 08 p1401 A67-21282
- Future manned planetary missions.
[AAS PAPER 67-28] 15 p2562 A67-30103
- Design of spacecraft for manned planetary
missions. 16 p2756 A67-30625
- SOIDERER, E. H.**
Technology and operation of television and
VHF communication satellites /Zur Technik
und Nutzung von Fernseh- und UKW-
Rundfunksatelliten/. 11 p1870 A67-24706
- Thoughts regarding the concept of a
European television
satellite. 16 p2622 A67-30697
- SOJA, J.**
Spacecraft plumbing
systems. 07 p1192 A67-20247
- SOKIRIANSKII, L. F.**
Mutual diffusion of the components and
phase diagram of the system Ti-W
/Vzaimnaia diffuziia komponentov i
diagramma sostoiianiia sistemy
Ti-W/. 07 p1204 A67-19266
- SOKKAPPA, B. G.**
On optimum steering to achieve "required
velocity." 16 p2700 A67-30655
- SOKOLIKOV, V. V.**
CO sub 2 lasers /Opticheskoe kvantovye
generatory na CO sub 2/. 13 p2125 A67-26389
- SOKOLENKO, A. I.**
Effect of thermal processing of chromlum-
silicon thin films on the X-ray K-absorption
edge in these films /K voprosu o vliianii
termicheskoi obrabotki tonkikh plenok
khromosilitsila na rentgenovskie K-krala
pogloshcheniia khroma v
nlkh/. 17 p2921 A67-32893
- SOKOLENKO, E. V.**
Application of an interferometer with a
diffraction grating to the investigation of
flows past models in a shock tube
/Primenenie interferometra s difraktsionnoi
reshetkoi dlia issledovaniia otekaniia
modelei v udarnoi trube/. 24 p4158 A67-42723
- SOKOLIK, A. S.**
Study of a plasma in laminar and
turbulent hydrocarbon flame /Issledovanie
plazmy v laminarnykh i turbulentnykh
plamakh
uglevodorodov/. 17 p2968 A67-32168
- Turbulent burning of gases /O
turbulentnom goreni
gazov/. 21 p3732 A67-38527

- SOKOLOV, I. A.**
The possible antimatter nature of micrometeorites. 07 p1247 A67-19098
An experiment to test the hypothesis of the antimatter nature of meteoric swarms. 23 p4069 A67-41689
- SOKOLOV, N. P.**
Quasi-spectral properties of p-dimensional matrices /p greater than or equal to 2/ /Kvazispektral'nye svoystva p-mernykh matrits /p greater than or equal to 2/. 19 p3251 A67-36049
- SOKOLOV, O. T.**
Synthesis of control voltage transducers when using varactor diodes to compensate for the temperature-frequency characteristics of quartz. 08 p1306 A67-21280
- SOKOLOV, V. B.**
Study of some approach and soft-landing problems with generalized parameters /Issledovanie nekotorykh zadach sblizheniya i mlagkol posadki s pomoshch'yu obobshchennykh parametrov/. 09 p1571 A67-21889
- SOKOLOV, V. D.**
Screen effects and cosmic ray intensity beyond the limits of the atmosphere /Ekrannye efekty i intensivnost' kosmicheskikh luchei za predelami atmosfery/. 02 p0307 A67-11668
On measurement of albedo neutrons and some experimental results. 02 p0312 A67-12599
Slow-neutron flux in the atmosphere /Potok medlennykh neutronov v atmosfere/. 05 p0885 A67-17140
Preferential acceleration of heavy nuclei on the sun /O prelmushchestvennom uskorenii tiazhelykh lader na solntse/. 13 p2195 A67-27341
Shielding effects and cosmic-ray intensity beyond the atmosphere. 16 p2738 A67-31083
Flux of slow neutrons in the atmosphere. 21 p3698 A67-38482
- SOKOLOV, V. N.**
An interesting case in the fluctuation of cosmic-ray intensity in the stratosphere on December 3, 1964. 12 p1994 A67-25542
- SOKOLOV, V. S.**
Study of the mechanical properties of some titanium alloys at low temperatures /Issledovanie mekhanicheskikh svoystv nekotorykh titanovykh sployv pri nizkikh temperaturakh/. 09 p1518 A67-21966
Self-similar problem of the expansion of an electrically conducting gas into a medium with a given axial magnetic field /Avtomodel'naya zadacha o razlete elektroprovodnogo gaza v sredu s zadannym oseym magnitnym polem/. 13 p2169 A67-27307
Nonlinear effect of the formation of a self-sustaining high-temperature electrically conducting gas layer in unsteady MHD processes /Nelineinyy efekt obrazovaniya samopodderzhivayushchegosia vysokotemperaturnogo elektroprovodnogo sloia gaza v nestatsionarnykh protsessakh magnitnogo gidrodinamiki/. 14 p2355 A67-27839
- SOKOLOVA, A. A.**
Temperature dependence of the current-carrier mobility in GaAs crystals irradiated with fast electrons /Zavisimost' podvizhnosti nositelei toka ot temperatury v kristallakh GaAs, obлучennykh bystryml elektronami/. 04 p0679 A67-15140
Optical absorption, photoconductivity and p-n junctions in cadmium telluride. 08 p1368 A67-20734
Dependence of carrier mobility on temperature in GaAs crystals irradiated by fast electrons. 12 p1979 A67-25163
- SOKOLOVA, L. I.**
Characteristics of regenerative magnetron amplifiers. 08 p1305 A67-21271
- SOKOLOVA, L. V.**
Measurement of electron temperature and concentration in an arc plasma via Thomson scattering of laser light. 03 p0437 A67-13209
- SOKOLOVSKAYA, A. I.**
Lasers based on solutions of rare-earth chelates /Opticheskie kvantovye generatory na rastvorakh redkozemel'nykh khelatov/. 10 p1664 A67-23068
- SOKOLOVSKII, T. D.**
Frequency spectrum of silicon-lattice oscillations /Spektr chastot kolebani reshetki kremniya/. 18 p3098 A67-33629
- SOKOLOVSKII, V. V.**
High-energy interactions of nucleons with complex nuclei. 02 p0312 A67-12604

- New assembly for the study of powerful interactions of 100 to 1000 Bev at a Tyan-Shan high-altitude station - Preliminary results /Novaya ustanovka dlia issledovaniya sil'nykh vzaimodelstviy pri energiyakh 100-1000 Bev na Tian-Shan'skoi vyzokogornoi stantsii - Pervye rezul'taty/. 02 p0248 A67-12746
Nuclear cascade process in an ionization calorimeter /Iadernokaskadnyi protsess v ionizatsionnom kalorimetre/. 02 p0248 A67-12747
Nuclear cascade processes in an ionization calorimeter. 22 p3801 A67-40249
- SOKOLOWSKI, C.**
Investigations by the tagged-atom method of the process of technological purification of germanium tetrachloride to the semiconductor-level of purity /Badania metoda atomow znaczonego procesu technologicznego oczyszczania czterochlorku germanu do polprzewodnikowego stopnia czystosci/. 18 p3104 A67-34600
- SOKOLIKOV, V. V.**
Mechanism causing the inverse population of the CO sub 2 laser levels /O mekhanizme, obespechivayushchem inversnuyu zaselenost' urovnei v OKG, rabotalushchikh na CO sub 2/. 03 p0437 A67-13297
A mechanism ensuring level population inversion in CO sub 2 lasers. 04 p0631 A67-14722
Influence of rate of disintegration of the lower laser level on the power of a CO sub 2 laser. 10 p1664 A67-23335
Vibrational level inversion population of polyatomic molecules, CO sub 2 laser. 20 p3457 A67-36216
- SOKOVISHIN, I. A.**
Heat transfer in a plane conducting fluid jet /Teploobmen v ploskoi zhidkoi provodiashchel strue/. 04 p0670 A67-15520
- SOLAN, A.**
Rayleigh problem in a radiating compressible gas. I. 08 p1324 A67-21392
Rayleigh problem in a radiating compressible gas. II. 11 p1774 A67-23855
- SOLAN, M. J.**
The lunar module simulation program. [AIAA PAPER 67-232] 07 p1164 A67-20056
Lunar module simulator rehearses hardware's role. 08 p1319 A67-21546
- SOLAND, D. E.**
A manual optimal guidance scheme using a predictive model. 19 p3259 A67-35989
- SOLARZ, L.**
Aeromagnetic flutter of walls of a plane infinite channel. 03 p0524 A67-13503
Aero-magneto-flutter of a plane duct of finite length. 13 p2218 A67-26805
- SOLBERG, L. F.**
Guidance program validation. 08 p1350 A67-20629
- SOLBES, A.**
Nonlinear plane wave study of electrothermal instabilities in nonequilibrium plasmas. 12 p1972 A67-25391
Calculation of the electric potential distribution in a flame in the presence of a layer of electronegative gas between two electrodes /Sur le calcul de la distribution de potentiel electrique dans une flamme, en presence d'une couche de gaz electronegatif entre deux electrodes/. 13 p2165 A67-26597
- SOLC, L.**
Aircraft engine service life and how to increase its reliability during series production /Zivotnost letadlovogo motoru a metody zvysovani jeho spoehlylosti behem seriove vyroby/. 09 p1560 A67-22476
- SOLDAN, J.**
Solution of algebraic and transcendental equations on an analog computer /Reseni algebraicheskych a transcendentnich rovnici na analogovom pocitaci/. 23 p3976 A67-41392
- SOLDATOV, M. A.**
Properties of solutions of linear differential-difference equations /O svoystvakh reshenii lineynykh differentsial'no-raznostnykh uravnenii/. 18 p3073 A67-34614
- SOLDATOV, M. M.**
Contribution to the nonlinear theory of viscoelasticity /K nelineinoy teorii vlyazko-uprugosti/. 02 p0338 A67-12237
- SOLIANIK-KRASSA, K. V.**
Hollow cylinders with polynomial loading. 13 p2218 A67-26890
- SOLIGNAC, J.-L.**
Contribution to the experimental study of the isobaric turbulent mixing layer of a

- supersonic flow /Contribution a l'etude experimentale de la couche de melange turbulent isobare d'un ecoulement supersonique/. [ONERA-TP-327] 01 p0054 A67-11003
- SOLIMAN, J. I.**
Performance criteria for the free and forced motion of discrete control systems. 02 p0225 A67-12074
- SOLIMAN, M.**
On the time-dependent Leveque problem. 10 p1732 A67-22727
Transient heat transfer for turbulent flow over a flat plate of appreciable thermal capacity and containing time-dependent heat source. [ASME PAPER 67-HT-45] 20 p3547 A67-36727
- SOLIMENE, N.**
Efficient pulsed gas discharge lasers. 05 p0819 A67-16650
- SOLIMINI, D.**
Accuracy and sensitivity of the thermal lens method for measuring absorption. 03 p0439 A67-14395
Fresnel diffraction and focusing properties of apertures under partially coherent illumination. 16 p2639 A67-31358
- SOLINGER, A. B.**
On the motion of shocks through the solar chromosphere. 17 p2944 A67-32642
- SOLL, D.**
A survey of the compressible turbulent boundary layer with mass transfer. 20 p3423 A67-37256
- SOLLERTINSKAIA, E. S.**
Distribution and density of dislocations in bent and annealed GaAs and InSb crystals /Raspredelenie i plotnost' dislokatsii v izognutykh i otozhzhennykh kristallakh arsenida galliya i antimonida indiya/. 05 p0865 A67-16920
Distribution and density of dislocations in bent and annealed crystals of gallium arsenide and indium antimonide. 14 p2365 A67-28260
- SOLLEY, D. J.**
Time constants of some fast photodetectors measured using an indium arsenide laser. 18 p3046 A67-33746
- SOLLMANN, H.**
Electrical investigations on beams with several layers pressed together /Elastizitaetsuntersuchungen an balken mit mehreren aneinandergepressten schichten/. 19 p3341 A67-35579
- SOLLOW, P. A.**
The effect of fin design on the induced rolling moment characteristics of sounding rockets. 08 p1405 A67-20503
- SOLTSEV, G. S.**
Propagation constant in a rectangular waveguide containing a plasma in a dielectric tube. 09 p1473 A67-21999
- SOLODAR, G. G.**
Experimental study of a two-cascade frequency multiplier with a traveling-wave tube /Eksperimental'noe issledovanie umnozhitella chastoty na dvukhkaskadnoi LBV/. 10 p1613 A67-23406
- SOLODILOV, I. I.**
Large deformations of a circular membrane attached along the edge to a deformable ring. 04 p0708 A67-14795
- SOLODOV, A. V.**
Linear automatic control systems with varying parameters. 06 p0973 A67-17714
Information theory and its application to problems in automatic monitoring and control /Teoriya informatsii i ee primenenie k zadacham avtomaticheskogo upravleniya i kontrolla/. 20 p3413 A67-37633
- SOLODOVNIKOV, G. K.**
Electron concentration in the external ionosphere measured by observing the coherent signals of the Cosmos and Elektron earth satellites /Ob elektronnoi kontsentratsii vneshnei ionosfery, izmerennoi po nabludeniuyu kogerentnykh signalov sputnikov zemli "Kosmos" i "Elektron"/. 02 p0192 A67-11658
Unsteadiness of the ionosphere /O nestatsionarnosti ionosfery/. 02 p0237 A67-11671
Accuracy of the determination of the electron concentration in the ionosphere by the coherent frequency method /O tochnosti opredeleniya elektronnoi kontsentratsii v ionosfere metodom kogerentnykh chastot/. 09 p1491 A67-21893
Measurement of the total number of electrons in the ionosphere and the

- gradients of this number from recorded Elektron satellite signals /Izmerenie polnogo chisla elektronov v ionosfere i ego gradientov po registratsii signalov sputnikov "Elektron." 14 p2307 A67-27922
- Electron concentration in the outer ionosphere, measured from observations of coherent signals from the Comos and Elektron satellites. 16 p2624 A67-31073
- Variability of the ionosphere. 16 p2665 A67-31086
- SOLODOVNIKOV, V. V.**
Synthesis of minimum-complexity control systems. 20 p3409 A67-37223
- SOLODUKHOV, V. V.**
Surface impedance of an inhomogeneous plasma with sharply varying parameters. 05 p0766 A67-17231
- SOLOGUB, V. G.**
Diffraction of electromagnetic waves on metal gratings with narrow slits. 23 p3975 A67-41683
- SOLOMATIN, V. S.**
Magneto-optical modulation of the infrared emission of a gas laser /Magnitoopticheskaya modulatsiya infrakrasnogo izlucheniya gazovogo lazera/. 04 p0633 A67-15139
- Internal modulation of an infrared laser /Vnutrennaya modulatsiya infrakrasnogo lazera/. 05 p0824 A67-16914
- Magneto-optical modulation of the infrared radiation from a gas laser. 12 p1951 A67-25162
- Internal modulation of the infra-red laser. 16 p2685 A67-30891
- SOLOMATINA, E. K.**
Some results of measurements carried out by means of charged particle traps on the Electron 2 satellite. 12 p1998 A67-25817
- Comparison of certain results of simultaneous measurements of the characteristics of the solar wind on the Venus 3 and Pioneer 6 space vehicles /Sopostavlenie nekotorykh rezul'tatov odnoveremnykh izmerenii kharakteristik solnechnogo vetra na kosmicheskikh apparatakh "Venera-3" i "Pioner-6"/. 13 p2195 A67-27343
- SOLOMENTSEV, E. D.**
Harmonic functions representable by Green type integrals. I /Garmonicheskie funktsii, predstavimye integralami tipa Grina. I/. 12 p1962 A67-26101
- SOLOMIN, B. A.**
Parametric transformation of the spectrum of video pulses in a transmission line /Parametricheskoe preobrazovanie spektra videopul'sov v kluuchevoi lini/. 05 p0762 A67-16359
- SOLOMKO, A. A.**
Review of external superhigh-frequency modulation techniques for lasers /Obzor metodov vneshnei sverkhvysokochastotnoi modulatsii opticheskikh kvantovykh generatorov/. 03 p0436 A67-13138
- SOLOMON, J. L.**
Transition of electron beam welding from hard vacuum to soft vacuum. 04 p0628 A67-15313
- SOLOMON, K.**
Decentralized control for an advanced communication satellite system. 06 p0959 A67-17672
- SOLOMON, L.**
A hydraulic analogue study of the Hartmann oscillator phenomenon. 14 p2295 A67-27903
- SOLOMONIDES, B. C.**
The LW-3B escape system. 17 p2794 A67-32000
- SOLON, L. R.**
Ion tracer anemometer for the measurement of low density air flow. 10 p1658 A67-23787
- SOLONENKO, T. A.**
Specific case of the interaction of a measuring cavity with a rarefied gas flow /Chastnyi sluchai vzaimodel'stviya izmeritel'noi polosti s potokom razrezhennogo gaza/. 09 p1487 A67-21896
- SOLONIN, S. M.**
Investigation of porous cermet fire barriers for localizing acetylene-oxygen and hydrogen-oxygen flames /Issledovanie poristyykh metallokeramicheskikh ognepregraditelei dlia lokalizatsii atsetileno-kislorodnogo i vodorodno-kislorodnogo plameni/. 24 p4159 A67-41957
- SOLONIN, S. V.**
Aeronautical meteorology /Aviatlionsnaya meteorologiya/. 07 p1220 A67-19579
- SOLOMINA, O. P.**
Structural transformations in titanium alloys /Strukturnye prevrashcheniya v titanovykh splavakh/. 07 p1205 A67-19271
- X-ray structural study of phase transformations during heat treatment of the VT3-1 titanium alloy /Rentgenostrukturnoe issledovanie fazovykh prevrashchenii pri termoozbapotte titanovogo splava VT3-1/. 09 p1518 A67-22030
- SOLOSHEK, L. K.**
Characteristics of oscillatory circuits with a nonlinear capacitor. 01 p0038 A67-10715
- SOLOT, S. B.**
Circum-global ghost balloon flights. 10 p1594 A67-23197
- SOLOUKHIN, R. I.**
Shock Waves and Detonations in Gases. 02 p0235 A67-12680
- Exothermal reaction zone in a one-dimensional shock wave in a gas /Zona ekzotermicheskoi reaktsii v odnomernoi udarnoi volne v gase/. 07 p1267 A67-19309
- Conductivity and velocity behind a detonation front in a gas. 12 p1929 A67-25752
- Quasi-stationary reaction zone in gaseous detonation. 18 p1353 A67-33827
- The stream structure and bow waves in electromagnetic shock tubes. 19 p3294 A67-35404
- High-speed measuring methods in gasdynamics and plasma physics /Metody skorostnykh izmerenii v gazodinamike i fizike plazmy/. 21 p3625 A67-37964
- Structure of the shock waves in an electrodeless discharge in air and argon /O strukture udarnykh voln bezelektrodnogo razriada v vozduke i argone/. 24 p4141 A67-41936
- SOLOV, E. G.**
Optimal control and the frequency domain. 06 p0973 A67-17718
- SOLOVEV, D. V.**
Load programming in thermal fatigue tests. 13 p2218 A67-26797
- SOLOVEV, E. G.**
A traveling-wave maser amplifier using chromium-doped rutile and placed in a magnet with superconducting coils. 05 p0825 A67-17161
- SOLOVEV, E. S.**
Charge transfer of protons in alkali metal vapors with the formation of highly excited hydrogen atoms. 08 p1358 A67-20855
- SOLOVEV, I. I.**
Basic mixed problem of the axisymmetric theory of inelasticity /Osnovnaya smeshannaya zadacha osesimmetrichnoi teorii uprugosti/. 02 p0338 A67-11967
- Solution of the axisymmetric problem of the theory of elasticity for simply connected bodies of revolution. 13 p2218 A67-26887
- The fundamental mixed problem of the axisymmetric theory of elasticity. 17 p2966 A67-33284
- SOLOVEV, L. S.**
Theory of plasma equilibrium in toroidal magnetic traps /K teorii ravnovesiya plazmy v toroidal'nykh magnitnykh lovushkakh/. 01 p0123 A67-10508
- Theory of plasma equilibrium in toroidal magnetic traps. 11 p1844 A67-25071
- Certain properties of conducting-gas flows in a magnetic field /Nekotorye svoystva tekhenii provodiashchego gaza v magnitnom pole/. 17 p2898 A67-32185
- Symmetric magnetohydrodynamic flow and helical waves in a circular plasma cylinder. 20 p3492 A67-36132
- SOLOVEV, M. V.**
Investigation of the reactions of nucleons with an energy of greater than 10 super 14 ev /Issledovanie vzaimodel'stviya nuklonov s energiei bol'she priblizitel'no 10 super 14 ev/. 02 p0316 A67-12765
- Investigation of the interaction of greater than 10 super 14 ev nucleons. 22 p3876 A67-40267
- Studies of interactions of nucleons of energies of approximately 10 super 14 ev /Issledovaniya vzaimodel'stviya nuklonov s energiei priblizitel'no 10 super 14 ev/. 24 p4218 A67-42836
- SOLOVEV, V. A.**
Kinetics of the decomposition of dislocation cracks into polygonal walls of edge dislocations. 04 p0711 A67-15282
- SOLOVEVA, E. V.**
Effect of structural defects on some electrical properties of germanium doped with gold and antimony. 05 p0861 A67-16398
- Electrical properties of compensated gallium arsenide /Elektrofizicheskie svoystva kompensirovannogo arsenida indii/. 10 p1694 A67-23655
- Electrical properties of compensated indium arsenide. 17 p2923 A67-33336
- SOLOVEVA, N. M.**
Self-focusing of laser beams in ruby and leucosapphire crystals. 21 p3639 A67-38094
- SOLOVEVA, V. I.**
Ultrahigh energy primary cosmic radiation according to extensive air shower data. 02 p0311 A67-12589
- Phenomenological characteristics of extensive air showers with a fixed number of muons and electrons /Fenomenologicheskie kharakteristiki shirokikh atmosferykh livnei s fiksirovannym chislom mu-mezonov i elektronov/. 02 p0318 A67-12777
- Superhigh-energy primary cosmic radiation and extensive air showers /Pervichnoe kosmicheskoe izluchenie sverkhvysokoi energii i shirokie atmosferye livni/. 02 p0318 A67-12778
- Phenomenological characteristics of extensive air showers with a fixed number of muons and electrons. 22 p3877 A67-40279
- Superhigh energy primary radiation and extensive air showers. 22 p3877 A67-40280
- SOLOVEVA, Z. I.**
Modulation of the solar-diurnal effect and the possibility of distinguishing the sidereal time variation in cosmic-ray intensity. 02 p0311 A67-12594
- Possibilities of detecting cosmic-ray-intensity variations with respect to sidereal time /Vozmozhnosti vydeleniya variatsii intensivnosti kosmicheskikh luchei po zvezdnomu vremeni/. 10 p1698 A67-22780
- Possibility of determining cosmic-ray variation intensity from stellar time. 24 p4209 A67-42116
- SOLOVIOV, A. V.**
Effect of the optical inhomogeneities of an active substance on the radiation-field structure of a ruby laser /Pro vpliv optichnikh neodnorodnostei aktivnoi rechovin na strukturu polia viprominivannoi optichnogo kvantovogo generatora na rubini/. 24 p4166 A67-42070
- SOLTAMOV, U. B.**
Effect of a strong electrical field on the Faraday effect in indium antimonide /Vliyanie sil'nogo elektricheskogo polia na effekt Faradaya v sur'mianstom indii/. 10 p1695 A67-23663
- Influence of a strong electric field on the Faraday effect in indium antimonide. 17 p2924 A67-33344
- SOLTIS, P. J.**
A new method and techniques for tension testing whiskers. 16 p2694 A67-31523
- SOLTYSIK, D. J.**
Static fatigue of fiber glass pressure vessels from ambient to cryogenic temperatures. 08 p1415 A67-20432
- SOLYMOSI, F.**
The thermal stability of ammonium perchlorate-lithium perchlorate mixture - The role of eutectic formation. 07 p1239 A67-19078
- Effect of cadmium oxide and cadmium perchlorate on the decomposition and ignition of ammonium perchlorate. 18 p3107 A67-33810
- SOMAJAJULU, B. L. K.**
Behaviour of the earth's magnetic field during a reversal. 04 p0817 A67-15543
- SOMAJAJULU, V. V.**
Absorption of very low frequency waves in the whistler mode propagation at low latitudes. 21 p3617 A67-38065
- SOMAJAJULU, Y. V.**
Some results of electron content measurements at Delhi from Faraday fading of S-86 transmissions. [RASSA PAPER 1-10-124] 03 p0416 A67-14235
- SOMEDA, C. G.**
Equivalent transmission circuits for propagation in birefringent media /Circuiti di trasmissione equivalenti per la propagazione nei mezzi birifrangenti/. 18 p3002 A67-34226
- SOMERSCALES, E. F. C.**
Experimental investigation of the temperature distribution in a horizontal layer of fluid heated from below. 04 p0728 A67-15679
- SOMERSET, J. H.**
Transition mechanisms attendant to large

- amplitude parametric vibrations of rectangular plates. [ASME PAPER 67-VIBR-5] 11 p1871 A67-24185
- SOMINSKII, M. S.**
Semiconductors /Poluprovodniki/. 23 p3978 A67-40797
- SOMLO, J.**
Determination of the nonlinearity on the basis of its describing function. 02 p0227 A67-12682
- SOMMER, A. H.**
UV-sensitive photoemitters. 12 p1947 A67-26161
- SOMMER, D.**
Implicit Runge-Kutta formulas /Implizite Runge-Kutta-Formeln/. 13 p2146 A67-28743
- SOMMER, S. C.**
Atmosphere definition with a free-falling probe. 10 p1629 A67-22768
- SOMMERS, H. S., JR.**
Supersensitive laser light detector. 07 p1194 A67-19085
BLIP condition in point-to-point optical communication. 09 p1462 A67-21641
- SOMOGYI, A. J.**
The momenta of muons in extensive air showers. 06 p1076 A67-17651
Some problems of detecting galactic anisotropies. 19 p3315 A67-35484
- SOMSEL, J. R.**
Determination of helicopter rotor blade compressibility effects - Prediction vs flight test. [AHS PAPER 103] 16 p2595 A67-31820
- SONA, A.**
Photocount distributions and field statistics. 05 p0815 A67-16824
Transient emission of a pulsed argon ion laser. 11 p1801 A67-24649
Statistics of the laser radiation at threshold. 18 p3098 A67-33522
Dynamics of the laser radiation at threshold. 21 p3640 A67-38355
- SONCINI, G.**
Design characteristics and operation of a continuous neodymium laser /Caratteristiche di costruzione e funzionamento di un laser a neodimio in continuo/. 09 p1516 A67-22665
Self-locking of modes in a passive Q-switched laser. 13 p2126 A67-26727
- SONE, Y.**
Some compressibility effects on rarefied gas flow in Rayleigh problem. 01 p0051 A67-10457
Some remarks on Knudsen layer. 01 p0052 A67-10460
Thermal creep in rarefied gas. 03 p0402 A67-13359
- SONECHKIN, D. M.**
Results of the investigation of cloud cover by means of photographs taken in the flights of the spacecraft Voskhod and Voskhod 2 /Nekotorye rezul'taty issledovaniy oblachnosti po fotografiyam, poluchennym v poletakh kosmicheskikh korabel' "Voskhod" i "Voskhod-2"/. 01 p0110 A67-11429
- SONETT, C. P.**
Magnetodynamically induced ambiguity in the data from tilted, spinning fluxgate magnetometers - Possible application to IMP 1. 07 p1182 A67-19943
Modulation and sampling of hydromagnetic radiation. 12 p1934 A67-25782
- SONG, D. S.**
Experimental investigation of the laminar-turbulent transition for Newtonian flow in rectangular ducts. 19 p3210 A67-35616
- SONIN, A. A.**
Theory of the electrostatic probe in a moderately ionized gas. 08 p1324 A67-21393
Diffusive separation of ions and atoms in a shock wave. 15 p2470 A67-29227
The ion collection of free molecular cylindrical Langmuir probes in flowing plasmas. 19 p3297 A67-35591
Theory of ion collection by a supersonic atmospheric sounding rocket. 22 p3791 A67-39818
- SONIN, A. S.**
Nonlinear optical materials /Nelineinye opticheskie materialy/. 01 p0115 A67-11011
Nonlinear optical materials. 12 p1966 A67-25361
- SONIN, V. V.**
Survey of methods for the numerical solution of variational problems of flight dynamics. 08 p1348 A67-21114
- SONNENSCHN, F. J.**
Powered flight of a space vehicle by ion thrust /De gedreven vlucht van een ruimtevoertuig met ionenvoortstuwung/. 13 p2199 A67-27169
- SONNERUP, B. U. O.**
Magnetopause structure and attitude from Explorer 12 observations. 07 p1180 A67-19925
Large amplitude whistler waves in a hot collision-free plasma. 11 p1826 A67-23881
- SONNTAG, R. W., JR.**
Intracranial pressure in Macaca speciosa during controlled abrupt deceleration. 23 p3954 A67-41596
- SONSTEGARD, D. A.**
Axisymmetric response of a closed spherical shell to a nearly uniform radial impulse. 08 p1416 A67-20490
- SOO HOO, K. M.**
A theorem on the polarization of null-free antennas. 02 p0211 A67-11598
- SOO, S. L.**
Fluid mechanics of non-equilibrium systems. 01 p0055 A67-11439
Fluid Dynamics of Multiphase Systems. 20 p3425 A67-37728
- SOONG, G. C.**
On internal fracture of solids. 16 p2773 A67-31315
- SOONG, T. T.**
On system performance estimation. 21 p3654 A67-39063
- SOONG, T.-C.**
Buckling of cylindrical shell under pressure by using Sanders' theory. 12 p2030 A67-25940
- SOONPAA, H. H.**
Energy band studies from thin films. 02 p0289 A67-11725
- SOOS, E.**
Meridional sections of the zonal wind up to a height of 60 km from 60 deg N to 10 deg S /Meridionalsschnitte des Zonalwindes bis 60 km Hoehe von 60 deg N bis 10 deg S/. 20 p3480 A67-36965
- SOOTHA, G. D.**
Electrical and optical properties of titanium-doped lithium fluoride crystals. 21 p3687 A67-39137
- SOOVERE, J.**
Frequency response functions from cross correlation - Bartlett weighting function. 08 p1353 A67-20592
- SOPCHAK, M. J.**
Final sealing and encapsulation. 19 p3236 A67-35024
- SOPER, I. J.**
Relay reliability - A test and analysis program. 13 p2085 A67-27698
- SOPER, W. L.**
Gallium arsenide lasers in optical systems. 23 p4014 A67-41026
- SOPHER, R.**
Design of a fairing for the junction of two wings. 17 p2791 A67-32586
- SOREF, R. A.**
Coherent homodyne detection at 10.6 mum with an extrinsic photoconductor. 03 p0438 A67-13989
- SOREM, A. L.**
Principles of aerial color photography. 22 p3797 A67-39450
- SORENSEN, H. O.**
Quantitative comparison of solid-state microwave detectors. 08 p1304 A67-21220
- SORENSEN, H. W.**
Kalman filtering techniques. 06 p0974 A67-19726
- SORENSEN, J. A.**
A reliable in vivo measurement of bone-mineral content. 23 p3945 A67-41087
- SORGER, P.**
Lower bounds for periodic solutions of a steady-state hydrodynamic boundary-value problem /Untere Normschränken fuer periodische Loesungen eines stationaeren hydrodynamischen Randwertproblems/. 13 p2093 A67-26617
- SOROCHENKO, R. L.**
A 21-cm radiospectrometer using a paramagnetic amplifier. 02 p0241 A67-11638
Spectral lines of excited hydrogen in the radio range and experimental possibilities of observing them /Spektral'nye liniy vzbuzhdennogo vodoroda v radiodiapazone i eksperimental'nye vozmozhnosti ikh nabludeniya/. 08 p1356 A67-21345
Radio telescope with a spherical reflector /Radioteleskop so sfericheskimi otrazhatel'mi/. 08 p1319 A67-21349
Radio lines of excited hydrogen and the feasibility of detecting them. 17 p2887 A67-31941
A spherical-reflector radio telescope. 17 p2832 A67-31945
- SOROKA, B. S.**
Computer-based calculations of the equilibrium of combustion products from methane-oxidizing mixtures /Raschety termodynamicheskogo ravnovesiya produktov goreniya metano-okislitel'nykh smesey na elektronno-vychislitel'nykh mashinakh/. 11 p1881 A67-24023
Determination of the thermodynamic properties of the equilibrium combustion products of methane /Opredelenie termodynamicheskikh svoystv ravnovesnykh produktov goreniya metana/. 18 p3159 A67-34051
- SOROKIN, A. V.**
Method of determining the statistical characteristics of the phase coordinates of linear automatic control systems /Metod opredeleniya statisticheskikh kharakteristik fazovykh koordinat lineynykh sistem avtomaticheskogo upravleniya/. 06 p0978 A67-18792
Method for determining the statistical characteristics of the phase coordinates of linear automatic control systems. 18 p3018 A67-34457
- SOROKIN, C.**
The secretory activity of algal cells in buffered media. 21 p3573 A67-37729
- SOROKIN, I. P.**
Separation of niobium and tantalum oxides from zircon-pyrochlor concentrate /Poluchenie oksidov niobia i tantala iz tsirkon-pirokhlorovogo kontsentrata/. 04 p0637 A67-14941
- SOROKIN, M. P.**
Stability of the motion of a liquid between two rotating spherical surfaces /Ob ustoiichivosti dvizheniya zhidkosti mezhdu dvumya vrashchalushchimisya sfericheskimi poverkhnostiami/. 06 p0992 A67-18820
- SOROKIN, O. M.**
Measurement of thickness of thin films during their deposition in vacuum. 06 p1003 A67-18195
- SOROKIN, O. N.**
Investigation of the reactions of nucleons with an energy of greater than 10 super 14 ev /Issledovanie vzaimodeystviy nuklonov s energiei bol'she priblizitel'no 10 super 14 ev/. 02 p0316 A67-12765
Investigation of the interaction of greater than 10 super 14 ev nucleons. 22 p3876 A67-40267
- SOROKIN, O. V.**
Measurement of the surface temperature of an oxide cathode for a pulsed emission current. 24 p4129 A67-42231
- SOROKIN, V. K.**
Oriented growth of lead selenide and telluride films. 01 p0128 A67-10089
Preparation of PbTe films of variable composition. 14 p2372 A67-28823
- SOROKINA, E. I.**
Oxygen balance of the organism during prolonged accelerations /Kislorodnyi balans organizma pri dlitel'nykh uskorennyakh/. 02 p0188 A67-12329
Oxygen metabolism in an organism exposed to prolonged accelerations /Nekotorye storony kislorodnogo obmena organizma pri dlitel'no deystvuyushchikh uskorennyakh/. 16 p2612 A67-30905
- SOROKINA, E. P.**
Determination of permittivity on the basis of a change in the polarization of a wave at reflection /Opredelenie dielektricheskoi pronyazhaemosti po izmeneniyu polarizatsii volny pri otrazhenii/. 02 p0191 A67-11578
- SOROKINA, K. P.**
Peculiarities of the phase composition of creep-resistant steels and alloys on the system Fe-Ni-Cr-Ti-Al-Mo-W-B. 22 p3820 A67-39788
- SOROKINA, N. G.**
Strong solvability of the Tricomi problem /O sil'noi razreshimosti zadachi Trikoml/. 04 p0643 A67-14727
- SOROKINA, T. S.**
Dimensional effect in the electrical conductivity of semiconductors during heating of the electron gas /Razmernyy efekt v elektroprovodnosti poluprovodnikov pri razogreve elektronnoy gazy/. 04 p0679 A67-15137
Size effect in the electrical conductivity of semiconductors in the case of electron gas heating. 12 p1979 A67-25160
- SOROKO, L. M.**
Holography and Interferential Information

- processing /Golografiia i interferentsionnaia obrabotka informatsii/. 01 p0068 A67-11005
Holography and interference processing of information. 16 p2670 A67-30489
- SOS, J. Y.
A data handling system for phase coherent coded PCM communications. 14 p2272 A67-28696
- SOSHNIKOV, V. N.
Specific power of field harmonics in a high-frequency discharge allowing for their nonlinear interaction. 08 p1357 A67-20827
On the theory of the high-frequency turbulent discharge at high pressure. 16 p2723 A67-31769
Theory of a high-pressure vortical discharge in air and argon. III /K teorii vikhrevogo razlada vysokogo davlenia v vozdukh i argone. III/. 18 p3088 A67-34062
Estimating cross sections for ionization in slow-atom collisions. 24 p4194 A67-42889
- SOSIN, A.
Clustering in Al-G.P. zone alloys after low temperature irradiation. 17 p2872 A67-32742
- SOSKIN, M. S.
Linear phase distortions of a resonator and generation of induced emission in a ruby crystal /Lineinye fazovye iskazhenia rezonatora i generatsiia indutsirovannogo izlucheniia na kristalle. 03 p0435 A67-13130
A laser with a tunable frequency /Opticheski kvantovyi generator s perestroivaemoi chastotai/. 03 p0435 A67-13131
Spontaneous generation breakdown in a ruby laser /Ob effekte avtosryva generatsii v rubinovom opticheskom kvantovom generatore/. 12 p1953 A67-25445
Adjustment and stabilization of the wavelength of ruby laser radiation /Pro perestroivannia i stabilizatsiiu dozhilni khvili viprominluyannia rubinovogo optichnogo kvantovogo generatora/. 14 p2332 A67-28759
Laser with frequency scanning during the generation process. 18 p3061 A67-34619
The effect of generation self-cutoff in a ruby laser. 21 p3642 A67-38819
Conditions for self excitation of a laser operating in an inhomogeneously broadened band. 23 p4013 A67-40907
- SOSNIAK, J.
Mass spectrometry of background gases in glow-discharge sputtering of tantalum thin films. 13 p2178 A67-27078
- SOSNIN, O. V.
Failure during creep /O razrushenii pri polzuchestii/. 20 p3540 A67-37058
- SOSNOVETS, E. N.
Recording of low-energy protons on satellites of the Elektron series /Registratsiia protonov mal'kh energii na sputnikakh seri "Elektron"/. 05 p0880 A67-16108
Behavior of radiation belts and anomalous cosmic radio noise absorption in the auroral zone during the magnetic storms of February 12-14 and 20-21, 1964. 07 p1243 A67-19683
The structure of the earth's proton radiation belts according to the data of the Elektron series of satellites. 10 p1702 A67-23300
Time variations of the intensity in the outer belt and near its boundary deduced from Elektron 1 and Elektron 2 data. 12 p1997 A67-25815
Results of investigations of geometrical position and of composition of the earth's radiation belt particles according to Elektron 1 and Elektron 2 data. 12 p1998 A67-25816
Boundary of the outer radiation belt and the region of unsteady radiation /Granitsa vneshnego radiatsionnogo poisa i zona neustoiichivoi radiatsii/. 16 p2740 A67-31886
Radial diffusion of greater than 100 kev electrons in the outer radiation belt. 19 p3313 A67-35257
Recording of low-energy protons on board the Elektron series satellites. 24 p4214 A67-42784
- SOSNOWSKI, L.
Conduction band structure of Cd sub 0.1 Hg sub 0.9 Te. 12 p1979 A67-25178
- SOSNOWSKI, T. P.
Two wavelength laser interferometer for plasma diagnostics. 19 p3231 A67-35594
- SOSULIN, I. U. G.
Optimum reception of signals in nonGaussian noise. 03 p0368 A67-13274
- Optimal detection of Markov signals and Markov noise with discrete time. 20 p3408 A67-37039
- SOTER, S.
Rotation and heating of the planet Mercury. 17 p2940 A67-32210
- SOTER, S. L.
Mercury - Observations of the 3.4-millimeter radio emission. 22 p3889 A67-40240
- SOTHCOTT, P.
En-route guidance system using ILS techniques. 09 p1528 A67-22834
- SOTIN, V. E.
Properties of planar nonsymmetric dielectric waveguides with a dielectric base /Svoistva ploskikh nesimmetrichnykh dielektricheskikh volnovodov na podlozhke iz dielektrika/. 13 p2069 A67-27028
- SOTIROVSKI, P.
New identifications of molecular bands in sunspot spectra /Nouvelles identifications de bandes moléculaires dans le spectre des taches solaires/. 03 p0512 A67-13887
Identification of H sub 2 bands in the spectrum of a large sunspot /Identification de bandes de H sub 2 dans le spectre d'une grande tache solaire/. 04 p0698 A67-14916
- SOTNIKOV, G. G.
Exobiology and the effect of physical factors on micro-organisms. 15 p2427 A67-29117
A comparative evaluation of different methods for detection of extraterrestrial life. 19 p3180 A67-35250
- SOTNIKOV, V. S.
Photometric method of determining gallium in semiconducting alloys. 22 p3804 A67-40299
- SOTTER, J. G.
Monitoring the combustion process in large engines. [JPL-TR-32-1124] 13 p2188 A67-26848
- SOUBIES-CAMY, H.
Automatic programming in numerical control /La programmation automatique en commande numerique/. 14 p2276 A67-28956
- SOUBIROU, J.
Optimization of a servo-loop control - Application to satellite attitude control /Optimisation du réglage d'une boucle d'asservissement - Application au contrôle d'attitude d'un satellite/. 23 p4070 A67-40577
- SOUKUP, V.
Solving ordinary differential equations with variable coefficients by phase plane displacements /Reseni obycejnykh diferencialnich rovnici s promennymi koeficienty metodou fazove rovny/. 09 p1524 A67-21648
- SOULE, H.
Escaping from aircraft. 03 p0361 A67-14096
On V-STOL aircraft. 05 p0751 A67-16382
CG headaches and troublemakers. 09 p1441 A67-22670
- SOULEN, J. R.
Crystal structure and superconductivity of a high-pressure phase of CaSi sub 2. 06 p1051 A67-18372
- SOULES, S. D.
The Gemini weather photography experiment. 01 p0109 A67-11393
- SOUNDALGEKAR, V. M.
On generalised MHD Couette flow with heat transfer. 06 p1039 A67-18070
On the flow of an electrically conducting, incompressible fluid near an accelerated plate in the presence of a parallel plate, under transverse magnetic field. 14 p2361 A67-28814
- SOURBE, M.
Addition in tellurium of two radiations emitted by a CO sub 2 laser /Addition, dans le tellure, de deux rayonnements produits par un laser CO sub 2/. 04 p0632 A67-14914
Generation of the second harmonic of laser radiation in selenium and in a tellurium-selenium alloy /Generation du second harmonique d'un rayonnement laser dans le seleni et dans un alliage tellure-seleni/. 23 p4016 A67-41192
- SOUSA, J. B.
The mixed state thermal conductivity of clean and dirty type II superconductors. 23 p4036 A67-40704
- SOUSEK, D. D.
Temperature control of the orbital Titan III transtage space booster. 02 p0335 A67-12395
- SOUTHWORTH, R. N.
The impact of a spaceborne programming language on the development of flight software. 15 p2439 A67-29600
- SOUTIF, M.
Study and development of a cavity maser functioning at lambda equals 4 mm /Etude et réalisation d'un maser à cavité fonctionnant à lambda equals 4 mm/. 12 p1952 A67-25297
- SOUTTI, R.
Calibration of very low temperature measurement gages - Description of the cryostat /Etalonnage des sondes de mesures de très basses températures - Description du cryostat/. 12 p1938 A67-25187
- SOVALOVA, A. A.
Effect of carbide-forming elements on the kinetics of the isothermal transformation of austenite and the mechanical properties of manganese-molybdenum steel /Vlianie karbidoobrazuyushchikh elementov na kinetiku izotermicheskogo prevrashchenia austenita i mekhanicheskie svoistva margantsevomolibdenovoi stali/. 07 p1199 A67-19239
Effect of the rate of cooling from the homogenization temperature on the structure and properties of the alloy KhN77TiUR /E1437B/. Vlianie skorosti okhlazhdenia ot temperatury gomogenizatsii na strukturu i svoistva splava KhN77TiUR /E1437B/. 07 p1199 A67-19241
- SOVETOV, B. IA.
Noise rejection of remote-control command transmission in a system with comparison /Pomekhoustoiichivost' peredachi komand teilepravlenia v sisteme so sravneniem/. 11 p1772 A67-25041
- SOVETOV, N. M.
Approximate analysis of nonlinear equations of a TWT with allowance for relativistic effects. 05 p0776 A67-17164
Application of traveling-wave-tube to a relativistic drift klystron. 22 p3770 A67-39655
- SOVIE, R. J.
Low environmental pressure MPD arc tests. [AIAA PAPER 67-685] 21 p3692 A67-38716
Radio frequency induction heating of low pressure plasmas. [AIAA PAPER 67-732] 21 p3674 A67-38756
- SOVRAN, G.
Fluid Mechanics of Internal Flow, Proceedings of a Symposium, Warren, Mich., September 20, 21, 1965. 11 p1775 A67-24041
Experimentally determined optimum geometries for rectilinear diffusers with rectangular, conical or annular cross-section. 11 p1741 A67-24050
- SOVRANO, R.
Characteristics and possibilities of application of an arc-image furnace /Caracteristiques et possibilites d'application du four a image d'arc/. 17 p2834 A67-32696
- SOWIN, D. C.
Microcircuit hardening study. 04 p0590 A67-15722
- SOWLS, R.
Fluorescent photography of droplets in a spray using a Q-switched laser as a light source. 22 p3797 A67-39492
- SOWUNMI, C. O. A.
Concentrated vortex model for Karman vortex street in viscous incompressible laminar flows. 19 p3210 A67-35446
- SOZIN, I. U. A.
Phase effect during pulsating heat transfer and electrical simulation of this effect /Fazovyi effekt pul'sirulushchei teplootdachi i ego elektromodellirovanie/. 07 p1267 A67-19325
- SPADA, G.
The size and position of the X-ray source in the Crab Nebula. 13 p2189 A67-26263
- SPADY, A. A., JR.
A kinematic study of the effects of reduced gravity on self-locomotion. [ASME PAPER 66-WA/BHF-6] 04 p0564 A67-15400
Simulating a walk on the moon. [ASME PAPER 66-WA/BHF-6] 17 p2807 A67-32814
- SPAEDER, G. J.
The effect of hot rolling variables on the fracture toughness of 18Ni maraging steel. 22 p3822 A67-40057
- SPAENKUCH, D.
Collective scattering cross section and collective spectral extinction of Mie scattering with logarithmic Gaussian distributions /Kollektiv streuquerschnitt und kollektive spektrale Extinktion der Miestreuung bei logarithmischen Gauss-

- Verteilungen/. 13 p2150 A67-26432
 Brightness measurements of a vertical searchlight beam for the determination of the vertical turbidity layer of the troposphere. I /Helligkeitsmessungen eines senkrechten Scheinwerferstrahls zur Bestimmung der vertikalen Trübungsschichtung der Troposphäre. I/. 19 p3225 A67-35532
- SPAGNOLO, F. A.**
 Lambert diffuse reflection from general quadric surfaces. 13 p2158 A67-26877
- SPAUD, F. W.**
 Further experiments concerning secondary injection of gases into a supersonic flow. 04 p0604 A67-14831
- SPAIN, R. G.**
 Graphite fiber reinforced composites. 03 p0452 A67-13402
 New and proposed composites. [SAE PAPER 660642] 04 p0642 A67-15786
 Development of structural plastic composites incorporating new high modulus reinforcements. 10 p1671 A67-23704
 Preparation of graphite fibers from polymeric fibers. 21 p3649 A67-37884
 New high temperature polymers for fiber reinforced plastic composites. 22 p3825 A67-39854
- SPAKOWSKI, A. E.**
 Some problems of the thin-film cadmium-sulfide solar cell. 10 p1596 A67-23163
 Environmental testing of thin-film solar cells. 23 p3937 A67-41496
- SPALDING, D. B.**
 Influence of temperature ratio on heat transfer to a flat plate through a turbulent boundary layer in air. 04 p0731 A67-15820
 A calculation procedure for heat transfer by forced convection through two-dimensional uniform-property turbulent boundary layers on smooth impermeable walls. 04 p0731 A67-15821
 Influence of thermal diffusion on transpiration cooling at an axis-symmetrical stagnation point. 04 p0733 A67-15839
 Heat transfer from turbulent separated flows. 06 p0985 A67-18131
 Decay of a velocity maximum in a turbulent boundary layer. 16 p2657 A67-30614
 Combustion of hydrogen and oxygen in a steady-flow adiabatic stirred reactor. 18 p3154 A67-33834
 A procedure for predicting the velocity and temperature distributions in a confined, steady, turbulent, gaseous, diffusion flame. 24 p4091 A67-42383
- SPALTHOFF, W. G.**
 A user's evaluation of power spectral analysis procedures. [SAE PAPER 660715] 01 p0028 A67-10604
- SPALVINS, T.**
 Importance in lubrication of various interface types formed during vacuum deposition of thin metallic films. 16 p2684 A67-31816
- SPANG, K.**
 Transformation of measured nonstationary vibrations into test data. 23 p3986 A67-40719
- SPANGENBERG, W. G.**
 Measurements in a turbulent boundary layer maintained in a nearly separating condition. 11 p1776 A67-24045
- SPANHOLTZ, R. B.**
 Electronic joining by the percussive arc method. 12 p1948 A67-25269
- SPANIER, J.**
 Alternating direction methods applied to heat conduction problems. 09 p1468 A67-22051
- SPANN, J. R.**
 Molecular association in sodium, potassium, and cesium vapors at high temperatures. 08 p1355 A67-21033
- SPARACIO, F. J.**
 The IBM System/360 Model 91 - Machine philosophy and instruction-handling. 11 p1755 A67-23949
- SPARAGNA, J. J.**
 Satellite repeater system for advanced aircraft/ground communications. 01 p0021 A67-10207
 Radio-assisted attitude determination and direction finding for synchronous communications satellites. 02 p0331 A67-12151
 SST communications via satellite repeaters. 16 p2629 A67-31530
 DF vectoring - Application to stationary synchronous satellites. 18 p3137 A67-34113
- SPARKES, H. P.**
 Electronic package design for rugged military field service. 12 p1911 A67-25268
- SPARKES, J. J.**
 Device modeling. 15 p2452 A67-30013
 Numerical solution of the steady-state electric properties of transistors. 20 p3400 A67-37216
- SPARKS, J. D.**
 A computer-controlled data system with remote checkout capability. 01 p0030 A67-11030
- SPARKS, R. B.**
 New titanium alloys for structural forgings. 06 p1017 A67-17999
- SPARROW, E. M.**
 Radiation heat transfer. 01 p0166 A67-10378
 Flow and heat transfer in ducts of arbitrary shape with arbitrary thermal boundary conditions. [ASME PAPER 65-WA/HT-13] 03 p0537 A67-14008
 Condensation heat transfer in the presence of noncondensables, interfacial resistance, superheating, variable properties, and diffusion. 04 p0720 A67-14644
 Flow and heat transfer on bodies in crossflow with surface mass transfer. 04 p0733 A67-15841
 Experiments on turbulent heat transfer in a tube with circumferentially varying thermal boundary conditions. [ASME PAPER 66-WA/HT-3] 04 p0738 A67-15929
 Evaluation of Tietjens function in stability calculations. 08 p1322 A67-21138
 Flow and heat transfer in the boundary layer on a continuous moving surface. 10 p1732 A67-22728
 The solution of heat conduction problems by probability methods. [ASME PAPER 65-WA/HT-1] 15 p2578 A67-29318
 Heat transfer bibliography. 17 p2969 A67-32450
 Transient and steady heat conduction in arbitrary bodies with arbitrary boundary and initial conditions. [ASME PAPER 67-HT-44] 20 p3547 A67-36726
 Experiments on a turbulent cylindrical wall jet. 22 p3783 A67-39531
- SPASOV, A. Y.**
 Method for the control of tunnel-diode oscillators. 07 p1153 A67-19608
 Free oscillations in nonlinear oscillating circuit. 17 p2829 A67-32311
- SPATER, G. A.**
 Airports and the community - An airline view. [AIAA PAPER 67-871] 24 p4139 A67-42992
- SPATSCHEK, K. H.**
 Negative characteristic and instability of the collision-dominated helium plasma column. 16 p2719 A67-31229
- SPAULDING, A. D.**
 Error rates in differentially coherent phase systems in non-Gaussian noise. 01 p0025 A67-10861
- SPAULDING, S. W.**
 Commercial satellite communications. 19 p3183 A67-35636
 Commercial COMSAT applications. 19 p3183 A67-35646
 Communications. 22 p3763 A67-40337
- SPECHT, D. F.**
 Generation of polynomial discriminant functions for pattern recognition. 18 p3006 A67-34064
- SPECHT, F.**
 Indirect exchange interaction in the rare-earth metals. 24 p4203 A67-42110
- SPECHT, W. A., JR.**
 Output spectra of Nd-YAG and ruby lasers and implications for laser linewidth determining mechanisms. 05 p0820 A67-16660
- SPEDDING, P. L.**
 Hydrazine synthesis in the silent electrical discharge. 10 p1603 A67-23498
- SPEELMAN, R. J.**
 U.S. Air Force concepts for accurate delivery of equipment and supplies. 17 p2797 A67-32587
- SPEENEY, D. V.**
 Experimental study of the effect of junction curvature on breakdown voltage in Si. 09 p1471 A67-21945
- SPEH, K. C.**
 Ionization-enhanced microwave resonance emission from model-rocket exhausts. 20 p3543 A67-36233
- SPEISER, R.**
 Activities of chromium and titanium in binary chromium-titanium alloys. 20 p3469 A67-37394
- SPEISER, R. C.**
 Technology and development of bombardment ion engines. 04 p0689 A67-15020
 Cesium electron bombardment ion microthrusters. [AIAA PAPER 67-81] 07 p1240 A67-19436
 Cesium electron-bombardment ion microthrusters. 21 p3689 A67-37790
- SPEISER, T. W.**
 The neutral sheet in the geomagnetic tail - Its motion, equivalent currents, and field line connection through it. 07 p1244 A67-19922
 Auroral particles accelerated in the geomagnetic tail. 18 p3038 A67-33614
 Particle trajectories in model current sheets. II. 20 p3433 A67-37415
- SPEKTOR, E. N.**
 Effect of precrystallization heating on the variation of the elastic characteristics and the structure of cold-rolled titanium and zirconium /Vliyanie dorekristallizatsionnogo nagreva na izmenenie uprugikh kharakteristik i strukturu kholodnokatanogo titana i tsirkoniya/. 08 p1342 A67-21003
- SPEKTOR, Z. N.**
 Changes in the structure of deformed niobium and niobium alloys during heating. 21 p3644 A67-38031
- SPENCE, L. B.**
 Microwave propagation over periodic rough surfaces. 20 p3388 A67-37647
- SPENCE, R.**
 Order of complexity of active networks. 07 p1162 A67-20200
- SPENCE, R. W.**
 Status of the Phoebus program. [AIAA PAPER 67-486] 18 p3076 A67-33952
- SPENCER, A. J. M.**
 The finite inflation of an elastic toroidal membrane of circular cross section. 11 p1879 A67-25002
 Cyclic extension of an elastic fibre with an elastic-plastic coating. 14 p2341 A67-29060
- SPENCER, D. F.**
 Fusion propulsion for interstellar missions. 06 p1076 A67-19027
 Navigation satellites. 19 p3256 A67-35862
- SPENCER, D. J.**
 Experimental results for massive blowing studies. [AIAA PAPER 66-457] 17 p2839 A67-33007
 Hot-shot gas source for pulsed MHD accelerator. 21 p3608 A67-38863
- SPENCER, E. G.**
 Ultrasonic properties of bismuth germanium oxide. 02 p0300 A67-12507
- SPENCER, G. D.**
 Interconnection of monolithic integrated circuits through the use of advanced materials and techniques. 08 p1303 A67-21189
- SPENCER, R. T.**
 Development of a facility for remote vibration testing of components while using hazardous cryogenics. [AIAA PAPER 67-278] 07 p1167 A67-20083
 Method of measuring the Hall effect in materials with high specific resistance /Eine Methode zur Messung des Hall-Effektes an Materialien mit hohem spezifischen Widerstand/. 10 p1691 A67-23502
- SPENGLER, G.**
 Fuels for high Mach number aircraft /Kraftstoffe fuer den Flugverkehr mit hoher Machzahl/. [DVL-599] 03 p0502 A67-13015
 Lubricants and lubricant testing for supersonic aircraft /Schmierstoffe fuer Ueberschallflugzeuge und deren Pruefung/. [DVL-606] 03 p0426 A67-13016
- SPERANSKII, K. E.**
 Temperature-wind conditions in the stratosphere from weather-rocket data /Temperaturno-vetrovoi rezhim stratosfery po dannym meteorologicheskikh raket/. 13 p2113 A67-26679
- SPERLI, F.**
 FM parametric devices /Dispositivi parametrici a modulazione di frequenza/. 03 p0377 A67-13106
 Solid state low-current meters for experiments in space vehicles /Misuratori a stato solido di deboli correnti per esperienze su veicoli spaziali/. 03 p0377 A67-13107
- SPERLING, F. B.**
 Lunar surface mechanical properties - Surveyor 1. 08 p1386 A67-20942

- SPERLING, H.**
Results and analysis of piloted lunar module /LM/ landing simulation studies. [AIAA PAPER 67-241] 07 p1165 A67-20062
Results and analysis of piloted lunar module landing simulation studies. [AIAA PAPER 67-241] 22 p3780 A67-40100
- SPERO, D. M.**
Jump conditions for a two-fluid plasma. 21 p3662 A67-37764
- SPERO, R. E.**
A family of microcircuit computers for military and civil aircraft. 01 p0029 A67-10668
- SPEVAK, E. C.**
Configuration management. 04 p0739 A67-14424
- SPEYER, J. L.**
Explicit guidance law for minimum fuel horizontal translation with bounded control. 06 p1090 A67-18867
A stochastic differential game with controllable statistical parameters. 18 p3075 A67-33495
- SPEZHAKOVA, G. E.**
Ion-molecular reactions of hydrogen with inert gases /Ionnno-molekuliarnye reaktsii vodoroda s blagorodnymi gazami/. 17 p2808 A67-32141
- SPICER, R. L.**
Effect of volumetric absorption coefficient on Rosseland radiative heat transfer. 20 p3553 A67-36936
- SPICER, W. E.**
Optical transitions and k conservation in crystalline solids. 04 p0674 A67-14526
Experimental evidence for optical population of the X minima in GaAs. 11 p1803 A67-24998
Photoemission study of the electronic structure of CdTe. 12 p1983 A67-25478
Possible non-one-electron effects in the fundamental optical excitation spectra of certain crystalline solids and their effect on photoemission. 16 p2732 A67-31698
Photoemission studies of CdTe. 22 p3862 A67-40001
- SPICHER, K.**
Analysis of the Runge-Kutta-Fehlberg method /Untersuchungen zum Verfahren von Runge-Kutta-Fehlberg/. 04 p0645 A67-14986
- SPIEGEL, E. A.**
The solar hydrogen convection zone and its direct influence on the photosphere. 05 p0899 A67-17070
Solar spin-down problem. 17 p2940 A67-32208
The solar atmospheric convection zone - The theory of turbulent convection. 23 p4068 A67-41277
- SPIEGEL, J. M.**
Status of basic shock-layer radiation information for inner-planet atmospheric entry. 21 p3563 A67-37788
- SPIEGEL, R. M.**
Passive millimeter radiometric reconnaissance. 17 p2814 A67-32521
- SPIELBERG, K.**
A computer model for global study of the general circulation of the atmosphere. 17 p2843 A67-32466
- SPIES, K. P.**
On the theory of transient wave propagation in a dispersive medium. 06 p0964 A67-18767
Phase of the electromagnetic field on the surface of an inhomogeneous earth for sky-wave illumination. 23 p3973 A67-40838
- SPIESS, G.**
Research on ion propulsion /Recherches sur la propulsion ionique/. 04 p0689 A67-15021
Synthesized plasma beams and electrostatic instabilities. 11 p1838 A67-24403
- SPIETH, C. W.**
Critical aspects of implementing reusable booster concepts. 15 p2569 A67-29850
- SPIEWICK, F.**
Lifetime and diffusion coefficient of the A super 3 sigma sub u super plus state of N sub 2. 17 p2889 A67-33243
- SPIJKERMAN, J. J.**
Moessbauer spectroscopy - Applications to aerospace. 05 p0843 A67-16544
- SPLICHEVSKII, I. A.**
Problems involved in achieving invariant multiloop control /O nekotorykh problemakh osushchestvleniya invariantnogo mnogosvaznogo regulirovaniya/. 16 p2643 A67-31379
- SPILLANE, K. T.**
Clear air turbulence and supersonic transport. 13 p2150 A67-26331
- SPILLER, M.**
Stresses and stress relaxation in thin oxide films at elevated temperatures /Spannungen und Spannungsrelaxation in duennen Oxid-Schichten bei hoeheren Temperaturen/. 02 p0288 A67-11719
- SPILLMAN, J. J.**
VTOL short range jet airliners. [AIAA PAPER 67-797] 21 p3568 A67-38543
- SPINA, J. G.**
The application of spectrum signature data to interference analysis. 05 p0781 A67-17538
- SPINAK, S.**
Measurement of optical surface roughness using coherent radiation. 01 p0020 A67-10020
- SPINELLI, R. A.**
Numerical inversion of a Laplace transform. 08 p1347 A67-20370
Poisson equation on a sphere. 23 p4023 A67-40865
- SPINK, H. C.**
Column effects in the interaction of arcs with transverse magnetic fields. 19 p3281 A67-35152
- SPINK, T. L.**
Combination flash photolysis-flash pyrolysis system. 02 p0247 A67-12689
Flash pyrolysis and kinetic spectroscopy of ammonium perchlorate. 22 p3867 A67-39639
- SPINKA, H.**
An improved cryogenic liquid level sensor. 01 p0062 A67-10194
- SPINRAD, H.**
Water vapor on Venus - A confirmation. 02 p0324 A67-11774
High-dispersion spectroscopic observations of Mars. I. 03 p0514 A67-14309
Molecular hydrogen features in the spectra of Saturn and Uranus. 04 p0696 A67-14738
High-dispersion spectroscopic observations of Mars. II. [JPL-TR-32-1048] 09 p1566 A67-22235
- SPINTZYK, J.**
Design and application problems of V/STOL transport aircraft /Entwurfs- und Einsatzprobleme des senkrechstartenden Transportflugzeugs/. 03 p0357 A67-12972
- SPINULESCU-CARNARU, I.**
The crystalline structure of ZnTe thin films. 07 p1233 A67-19645
- SPIRALSKI, L.**
Measurement of the noise factor F of high-frequency transistors /Pomiar wspolczynnika F szumow tranzystorow wielkiej czestotliwosci/. 14 p2286 A67-28587
- SPIRIDONOV, IU. G.**
Method of studying radio-wave propagation in an inhomogeneous magnetoactive ionosphere /Metod issledovaniya rasprostraneniya radiovoln v neodnorodnoi magnitnoaktivnoi ionosfere/. 21 p3582 A67-38592
- SPIRIN, V. IA.**
Tunnel-diode autodyne frequency converter /Avtodinnyi preobrazovatel' chastoty na tunnel'nom diode/. 09 p1472 A67-21957
Tunnel-diode autodyne frequency converter. 20 p3400 A67-37187
- SPIRITO, P.**
Tests on GaAs solar cells /Esperienze su celle solari ad arseniuro di gallio/. 15 p2536 A67-29503
- SPIRKIN, V. G.**
Jet fuels in the U.S. and Great Britain /Reaktivnye topliva SSHA i Anglii/. 13 p2185 A67-27068
- SPIRALNY, A.**
Computer-aided design. 03 p0376 A67-14276
- SPITSYN, A. M.**
A method of measuring the electrical parameters of thin films /Metod izmereniya elektricheskikh parametrov tonkikh plenok/. 15 p2485 A67-29128
- SPITSYN, I.**
Determination of the diffusion coefficient for an electrically active impurity in a semiconductor from electrical conductivity variations during the successive removal of layers /Opredeleniye koefitsienta diffuzii elektricheskoi aktivnoi primesi v poluprovodnikakh po izmeneniiu elektroprovodnosti pri posledovatel'nom sniatii sloev/. 03 p0498 A67-13841
- SPITSYN, V. I.**
Study of the effect of the specific radioactivity of the Sb super 124 isotope on the diffusion of antimony in germanium /Issledovanie vliyaniya udel'noi radioaktivnosti izotopa Sb super 124 na diffuziiu sur'my v germanii/. 03 p0500 A67-14067
- SPITZ, E.**
New antenna techniques in Hertzian radiometry /Techniques nouvelles des antennes en radiometrie Hertzienne/. 12 p1913 A67-25305
Transmission of images through an optical fiber /Transmission des images a travers une fibre optique/. 13 p2120 A67-27209
- SPITZER, C. R.**
Pyroelectric heat-transfer sensors for hypersonic impulse facilities. 11 p1790 A67-24453
High-temperature spectral emittance of ablation chars and carbon from 0.4 to 2.4 micrometers. [AIAA PAPER 67-326] 12 p2037 A67-26040
- SPITZER, L. JR.**
Photomultiplier tube pulses induced by gamma rays. 10 p1618 A67-23809
Thermal deformations in a satellite telescope mirror. 18 p3046 A67-33880
- SPITZER, W. G.**
Some local-mode measurements of Li-diffused, Te-doped GaAs. 17 p2922 A67-33066
Localized vibrational modes of lithium in lithium-diffused p-type GaAs. 18 p3106 A67-34644
- SPITZIG, W. A.**
Dislocation arrangements in tantalum single crystals deformed in tension at 373 deg K. 01 p0092 A67-10057
A fractographic investigation of the effect of environment on fatigue-crack propagation in an ultra-high-strength steel. 22 p3821 A67-40051
- SPITZNER, A. J.**
Stainless maraging steel for welded pressure vessels. 24 p4161 A67-42328
- SPIVAK, G. V.**
Investigation of p-n junctions by means of a scanning microscope with electron and ion bombardment of the semiconductor specimen. 13 p2120 A67-27069
Observation of p-n junctions under pulsed conditions by means of an electron mirror microscope. 13 p2120 A67-27070
Observation by means of a scanning electron microscope of p-n junctions subjected to small periodic changes of bias. 13 p2177 A67-27072
- SPIVEY, R. F.**
Control loads and their effects on fuselage vibrations. [AHS PAPER 133] 16 p2777 A67-31847
- SPIZZICHINO, A.**
Measurement of ionospheric winds by means of a meteor radar /Mesures de vents ionospheriques au moyen d'un radar meteorique/. 10 p1644 A67-23253
The Garchy meteor radar - Observation of meteors and study of winds in the upper atmosphere /Le radar meteorique de Garchy - Observation des meteorites et etude des vents dans la haute atmosphere/. 13 p2195 A67-26467
- SPOGEN, L. R.**
HF skywave propagation model for interference prediction. 20 p3387 A67-37646
- SPOHR, R.**
Energy measurement of photoelectrons and Franck-Condon factors for vibrational transitions of molecular ions /Energiesmessung von Photoelektronen und Franck-Condon-Faktoren der Schwingungsubergaenge einiger Molekuellonen/. 17 p2888 A67-32356
- SPOKES, F. K.**
Survey of the problems of S.S.R. system design. 09 p1530 A67-22648
- SPOKES, G. N.**
Application of very low pressure pyrolysis to combustion kinetics. 18 p3149 A67-33787
- SPOLLEN, F. J.**
Effective guidance and control redundancy. [AIAA PAPER 67-555] 19 p3257 A67-35952
- SPONG, F. W.**
Intra-cavity color selection in ion lasers. 06 p1010 A67-17888
Experimental investigation of multiwatt argon lasers. 12 p1953 A67-28159
- SPOONER, A.**
The causes of aircraft accidents. [AIAA PAPER 66-804] 01 p0008 A67-10030

- SPOONER, C. E.**
The neurophysiology of anesthesia. 15 p2429 A67-29294
- SPORYKHIN, A. N.**
Stability of the deformation of viscoelastoplastic bodies /Ob ustoiichivosti deformirovaniia uprugovlazo-plasticheskikh tel/. 24 p4246 A67-41932
- SPORZYNSKI, G. A.**
Using a graphic data-processing system to design artwork for manufacturing hybrid integrated circuits. 18 p3188 A67-36061
- SPRACKLEN, J. C.**
Angular contact hydrostatic bearing for radar pedestals. 03 p0431 A67-13749
- SPRADLEY, L. H.**
Surveyor I - Location and identification. 20 p3524 A67-36649
- SPRAGUE, J. A.**
A model for concentrated interstitial solid solutions - Its application to solutions of carbon in gamma iron. 13 p2131 A67-26574
- SPRAGUE, R. A.**
Effects of turbine atmospheres on sulfidation corrosion. [ASME PAPER 67-GT-2] 11 p1808 A67-24790
The effects of microstructural variations on stress-corrosion cracking susceptibility of Ti-8Al-1Mo-IV alloy on marinized gas turbines. [ASME PAPER 67-GT-5] 11 p1808 A67-24793
Progress in the development of high strength titanium alloys. [SAE PAPER 670335] 17 p2874 A67-32985
- SPRANG, P. G.**
The structure of the gamma-phase in nickel-base super-alloys. 01 p0095 A67-10687
- SPRANKLE, M. L.**
Thin-flame theory for a fuel droplet in slow viscous flow. 02 p0341 A67-11562
- SPRATT, B.**
A split personality VHF COM system. 01 p0024 A67-10665
- SPRATTLING, W., JR.**
Static firing of NASA's 260-inch-diameter solid rocket motors. [AIAA PAPER 67-236] 07 p1241 A67-20059
- SPREEN, A. T.**
Computer simulation of solar array performance. 23 p3940 A67-41515
- SPREITER, J. R.**
Theoretical proton velocity distributions in the flow around the magnetosphere. 08 p1377 A67-21315
On conditions near the neutral points on the magnetosphere boundary. 17 p2853 A67-33252
Theoretical proton velocity distributions in the flow around the magnetosphere. 20 p3518 A67-36653
- SPRENGER, K.**
Results of ten years' ionospheric drift measurements in the L.F. range. 07 p1171 A67-19420
- SPRETNAK, J. W.**
Strain aging of tantalum. 06 p1015 A67-17896
Grain boundary relaxation in four high-purity fcc metals. 06 p1016 A67-17899
- SPREUER, H.**
The surface temperature in the case of one-dimensional intermittent heat conduction with radiation boundary conditions /Die Oberflaechentemperatur im Fall der eindimensionalen instationaeren Waermeleitung mit der Strahlungsrandbedingung/. 13 p2222 A67-26610
- SPRIGGS, R. S.**
Formation of the complement of an agglomerated film. 11 p1845 A67-24142
- SPRINGER, G. S.**
Plane layer type apparatus for gas thermal conductivity measurements. 10 p1658 A67-23783
Thermal conductivities of unidirectional materials. 14 p2404 A67-28099
Modified hot-wire type thermal conductivity cell. 17 p2863 A67-33357
Forces on spheres inside diffusers. 23 p3932 A67-41734
- SPRINGER, H.**
Digitalisation of radar signals and their evaluation by a computer for automatic tracking of targets. 04 p0574 A67-15058
Logic of automatic observation systems with several radars and digital computers /Logique des systemes automatiques d'observation a plusieurs radars et a calculateurs numeriques/. 19 p3255 A67-35806

- SPRINGER, R. W.**
The speed of sound in a chemically reacting gas. 14 p2304 A67-28355
[ASME PAPER 67-FE-2] Advances in Plasma Dynamics, American Institute of Aeronautics and Astronautics, and Northwestern University, Biennial Gas Dynamics Symposium, 6th, Evanston, Ill., August 25-27, 1965, Proceedings. 14 p2361 A67-29034
- SPRINGER, W. E.**
Temporal characteristics of body temperature during high thermal stress. 10 p1600 A67-23822
- SPRINGFIELD, W. T., JR.**
Sodium and water excretion and renal hemodynamics during lower body negative pressure. [SAM-TR-65-329] 24 p4110 A67-41801
- SPRINGGATE, F.**
Development of electrical design concepts for a large-area solar array. 24 p4104 A67-42512
- SPROAT, R. L.**
The future of fasteners. 05 p0810 A67-16186
- SPROULE, R. T.**
Ceramics for ultrahigh temperatures. 21 p3650 A67-38194
- SPROWLS, D. O.**
Resistance to corrosion and stress corrosion. 14 p2335 A67-27806
- SPRUCH, L.**
Variational lower bounds on electron hydrogen S-wave phase shifts. 07 p1226 A67-19499
Remarks on variational bounds in scattering theory. 08 p1355 A67-20865
Static Green's function for elastic electron-hydrogen scattering and resonances. 22 p3839 A67-39204
- SPRUNGER, E. V.**
An analytical and experimental transonic performance of a clustered exhaust nozzle. 04 p0545 A67-14536
- SPUCKLER, C. M.**
An experimental investigation of boiling in normal and zero gravity. 12 p2034 A67-25720
- SPUHLER, E. H.**
Aircraft and aerospace applications. 14 p2323 A67-27817
- SPURLING, J. F.**
The establishment of the Experimental Inter-American Meteorological Rocket Network /EXAMETNET/. 08 p1350 A67-20549
- SPURLING, T. H.**
Determination of molecular quadrupole moments from viscosities and second virial coefficients. 06 p1038 A67-19047
Intermolecular forces in globular molecules. II. 07 p1138 A67-20191
On the off-center dipole model for polar gases. 11 p1821 A67-23962
Instabilities in ternary diffusion. 22 p3917 A67-39713
- SPYRA, W.**
Studies of a martensitically aging high-strength stainless steel /Untersuchungen an einem martensitaushaertenden hochfesten rostbestaendigen Stahl/. 11 p1810 A67-25103
- SQUILLANTE, A. J.**
Gyroscopes for space missions. 14 p2322 A67-29084
- SQUIRE, L. C.**
Calculated pressure distributions and shock shapes on thick conical wings at high supersonic speeds. 16 p2589 A67-30619
- SQUIRES, D. M.**
Structural design of the ESRO II solar astronomy satellite. 03 p0518 A67-13600
- SRAGOVICH, V. G.**
The Monte Carlo Method-the Method of Statistical Trials. 03 p0462 A67-14256
- RAWLEY, J. E.**
Stress intensity factors for crackline-loaded edge-crack specimens. 11 p1875 A67-24588
- SREEDHARAN, C. R.**
An improved radiosonde for the measurement of electric potential gradient in the atmosphere. 01 p0068 A67-10870
- SREEKANTAN, B. V.**
A measurement of the location of the X-ray source SCO X-1. 02 p0308 A67-11771
On the optical identification of Sco X-1. 02 p0324 A67-11772
The size and position of the X-ray source in the Crab Nebula. 13 p2189 A67-26263
- SREENIVASAN, N.**
He super 3 /He super 3 plus He super 4/ ratios in cosmic rays, path lengths in space,

- and energy spectrum of helium nuclei in local interstellar space. 20 p3518 A67-37088
- SRINATH, L. S.**
Some observations on three-dimensional photoelasticity. 07 p1264 A67-20259
- SRINATH, M. D.**
Sub-optimal policies for two classes of control. 04 p0590 A67-14418
- SRINIVASA, D. S.**
Generalized streamline hypothesis for turbulent boundary-layer flow with spatial variation of viscosity. 15 p2473 A67-30210
- SRINIVASAN, A. V.**
Non-linear vibrations of beams and plates. 04 p0715 A67-15659
Dynamic stability of beam columns. 19 p3342 A67-35758
- SRINIVASAN, P.**
The study of a single degree of freedom system with time dependent parameters. 17 p2958 A67-32128
- SRINIVASAN, P. S.**
Vortex breakdown effects on the low-speed aerodynamic characteristics of slender delta wings in symmetrical flow. 13 p2050 A67-27194
- SRINIVASAN, R. S.**
Clamped skew plate under uniform normal loading. 09 p1575 A67-22165
- SRINIVASAN, S. K.**
A novel approach to the kinetic theory and hydrodynamic turbulence. 04 p0608 A67-15466
Theory of turbulence. 22 p3782 A67-39500
- SRIVASTAV, R. P.**
Stress distribution due to pressurized exterior crack in an infinite isotropic elastic medium with coaxial cylindrical cavity. 04 p0717 A67-15799
- SRIVASTAVA, G. P.**
An improved radiosonde for the measurement of electric potential gradient in the atmosphere. 01 p0068 A67-10870
- SRIVASTAVA, H. K.**
Microwave third harmonic generation in semiconductors at low temperatures. 08 p1368 A67-20701
- SRIVASTAVA, K. M. L.**
VLF characteristics of electromagnetic radiation from the return stroke of lightning discharge. 01 p0109 A67-11228
- SRIVASTAVA, V. K.**
Internal ballistics of the solid-propellant rocket motor. 24 p4208 A67-42923
- SRODE, W. E.**
Description of an inertial test facility located 1,100 feet below the surface of the earth. [AIAA PAPER 67-538] 19 p3208 A67-35940
- SRUBSHCHIK, L. S.**
Note on the stability of membrane solutions in the nonlinear theory of plates and shells. 07 p1263 A67-20032
On the existence of a solution to the problem of the equilibrium of a circular membrane. 11 p1876 A67-24680
Nonrigidity of a spherical shell /Nezhestokost' sfericheskoi obolochki/. 22 p3910 A67-39402
- SSREENIVASAN, N.**
He super 3 nuclei in the low energy primary cosmic radiation. 12 p1993 A67-25479
- ST. JOHN, A. D.**
Effects and importance of penetration and growth of lift on space vehicle response. 19 p3337 A67-35999
- ST. JOHN, G.**
Recombination coefficient of NO super plus with e. 04 p0587 A67-15765
- ST. KALITZIN, N.**
A multitemporal theory of relativity and its applications to quasars and to elementary particles. 22 p3892 A67-40499
- ST. PIERRE, G. R.**
Activities of chromium and titanium in binary chromium-titanium alloys. 20 p3469 A67-37384
- ST. WINDISCH**
Evidence for zeta Fe sub 2 N-type sublattice order in W sub 2 C at intermediate temperatures. 16 p2692 A67-31599
The constitution of binary molybdenum-carbon alloys. 20 p3470 A67-37389
- STAAS, F. A.**
The Hall angle of various superconducting niobium-tantalum alloys in the mixed state. 18 p3098 A67-33519
- STABELL, R.**
Absolute magnitudes of quasi-stellar radio sources. 06 p1086 A67-18373

- Numerical calculations on relativistic cosmological models. 24 p4228 A67-42259
- STABENOW, W.**
The international factors in air transport under the treaty establishing the European Economic Community. [SAE PAPER 670231] 12 p2040 A67-25491
- STABLER, E. P.**
Spacecraft computers for scientific information systems. 05 p0768 A67-17516
- STAFNIKOV, M. V.**
Reconstruction of the images of transparent and refracting objects using phase holograms. 08 p1331 A67-20842
Holography with a straight reference beam /Golografiya s priamym opornym puchkom/. 15 p2486 A67-29237
Holographing media with slight variations of the refractive index /Golografirovaniye sred s malymi izmeneniyami pokazatelya prelomleniya/. 15 p2488 A67-29725
Phase holograms of tracks in bubble and emulsion chambers and the possibility of processing these holograms /Fazovye gologrammy trekov v puzyr'kovykh i emul'sionnykh kamerakh i vozmozhnosti ikh obrabotki/. 18 p3049 A67-34387
- STACEY, F. D.**
Convecting mantle as a thermodynamic engine. 13 p2117 A67-27577
Possible new evidence bearing on the lunar capture hypothesis. 22 p3881 A67-39554
- STACHCHENKO, L.**
Cost-effectiveness of a surveillance device for an anti-aircraft weapon system. 03 p0538 A67-13695
- STACHURSKI, Z. O. J.**
Absorption and diffusion of zincate ions in cellulose membranes. 22 p3758 A67-40227
- STACK, E. A.**
Plastic flow in beryllium under fluid pressure at room temperature. 13 p2139 A67-27123
- STACKPOLE, J. D.**
Numerical analysis of atmospheric soundings. 17 p2879 A67-32549
- STADELBAUER, D. G.**
Mass properties determination on aerospace balancing systems. 12 p1925 A67-25724
- STADERINI, R.**
Logic gate with coupled integrated-circuit transmitters /Porte logique a emetteurs couples realisee en circuit integre/. 23 p3977 A67-40662
- STADLER, W.**
Axisymmetric dynamic response of spherical and cylindrical shells. 22 p3914 A67-40190
- STADT, H. V. D.**
Development of a ring laser for polarimetric measurements. 13 p2128 A67-27345
- STADTER, J. T.**
Upper and lower bounds for the frequencies of rectangular cantilever plates. 21 p3730 A67-39094
- STAEBLEIN, H.**
Study of the columnar crystal formation of Alnico permanent magnets containing titanium /Untersuchungen zur Stengelkristallbildung von titanhaltigen Alnico-Dauermagneten/. 21 p3645 A67-38376
- STAECKER, P. W.**
Upper frequency limit for Gunn oscillators imposed by carrier energy relaxation time. 09 p1556 A67-22264
- STAEHLE, M.**
The influence of wall radiation on the non-equilibrium electrical conductivity and on the ionization reaction time of a He-Cs plasma. 16 p2709 A67-30515
- STAEHLE, R. W.**
Role of slip step emergence in the early stages of stress corrosion cracking in face centered iron-nickel-chromium alloys. 16 p2690 A67-31384
- STAELIN, D. H.**
Measurements and interpretation of the microwave spectrum of the terrestrial atmosphere near 1-cm wavelength. 22 p3806 A67-40359
- STAFEEV, V. I.**
Study of certain alloyed metal-germanium contacts /Issledovanie nekotorykh vplavnykh kontaktov metallgermanii/. 05 p0864 A67-16909
Effect of a strong electrical field on the Faraday effect in indium antimonide /Vliyanie sil'nogo elektricheskogo polya na effekt Faradaya v sur'mianistom indii/. 10 p1895 A67-23663
Negative resistance in some semiconductor structures. 11 p1765 A67-24474
An investigation of some alloyed metal-germanium junctions. 16 p2727 A67-30886
Influence of a strong electric field on the Faraday effect in indium antimonide. 17 p2924 A67-33344
Diffusion of Zn and Cd in indium arsenide /Diffuziya Zn i Cd v arsenide indiya/. 19 p3299 A67-34760
- STAFFORD, D. L.**
Space criteria for aircraft aprons. 22 p3779 A67-39379
- STAFFORD, P. H.**
Forecasts for Philadelphia International Airport. 21 p3734 A67-38805
Space criteria for aircraft aprons. 22 p3779 A67-39379
- STAFIEJ, W.**
Influence of structural deformations on the steering loads of a glider /Wplyw odkształcen konstrukcji na obciążenia sterowane szybowca/. 23 p3933 A67-40640
- STAGGS, J. F.**
The distribution of neutral atoms and charge-exchange ions downstream of an ion thruster. [AIAA PAPER 67-82] 06 p1075 A67-18498
Ion extractor system design. 06 p1075 A67-18877
Experimental performance of a low-thrust, divergent-flow, contact-ionization electrostatic thruster. [AIAA PAPER 66-569] 13 p2188 A67-26824
SERT II experimental thruster system. [AIAA PAPER 67-700] 21 p3693 A67-38728
- STAHL, W.**
Base pressure measurements on elliptic cones in supersonic flow. 21 p3566 A67-39083
- STAHLER, M. R.**
The manufacture of typical, biologically clean, planetary landing spacecraft to be sterilized. 02 p0188 A67-12380
- STAHMANN, J. R.**
Triggered lightning strokes at very close range. 22 p3793 A67-39979
- STAIKU, ST.**
Antisymmetrical thin delta wing with flow separation at the leading edges. 07 p1128 A67-20236
Theoretical model concerning a thin delta wing with separation at the leading edges /Sur un modele theorique concernant l'alle delta mince avec decollement aux bords d'attaque/. 19 p3170 A67-35542
- STAINBACK, P. C.**
Some effects of roughness and variable entropy on transition at a Mach number of 8. [AIAA PAPER 67-132] 06 p0940 A67-18357
- STAINER, H. M.**
Line splitting of plasma radiation and solar radio outbursts. 02 p0307 A67-11691
- STAINOV, G.**
Excitation of ionic wave by beam-plasma interaction. 09 p1544 A67-21846
Ionic waves in plasma interacting with beam of charged particles at great relaxation time. 11 p1841 A67-24869
- STAIR, A. T., JR.**
Research on optical infrared characteristics of aurora and airglow /artificial and natural/. 18 p3036 A67-33605
- STAIR, R.**
Spectral irradiances as determined through the use of prism and filter spectroradiometric techniques. 21 p3656 A67-37850
- STAIR, W. K.**
Effect of groove geometry on viscoseal performance. [ASME PAPER 66-WA/FE-28] 04 p0630 A67-15356
The turbulent visco seal. Theory and experiment. 10 p1659 A67-22706
Effect of groove geometry on viscoseal performance. [ASME PAPER 66-WA/FE-28] 24 p4161 A67-42466
- STAKHANOV, I. P.**
Cesium thermionic converter with added inert gases. 09 p1444 A67-22008
Electrical conductivity measurements in a mixture of liquefied and vaporized potassium /Izmerenie elektroprovodnosti parozhhdkostnoi smesi kalija/. 16 p2712 A67-30575
- STALDER, A. F.**
Magnetically induced circular dichroism and birefringence in single lines of the electronic spectrum of ICl. 22 p3758 A67-39638
- STALDER, J. R.**
Re-entry simulation. 02 p0335 A67-12415
- STALEY, D. O.**
Temperatures of meteoroids and meteorites. 04 p0699 A67-14965
- STALEY, W. G., JR.**
Cathodoluminescence device for rapid identification of phase assemblages. 21 p3630 A67-38848
- STALKER, R. J.**
The free-piston shock tube. 03 p0397 A67-13897
- STALLARD, D. V.**
A missile adaptive roll autopilot with a new dither principle. 01 p0111 A67-11203
- STALLER, J. J.**
New horizons in computer packaging technology. 09 p1487 A67-21684
- STALLINGS, L.**
Lubrication of ball bearings with volatile organic compounds. 01 p0077 A67-10120
- STALLYBRASS, M. P.**
On a pointwise variational principle for the approximate solution of linear boundary value problems. 15 p2509 A67-29383
- STALMACH, C. J.**
Dynamic stability wind-tunnel tests of a 10 deg cone with simulated ablation at m equals 17. [AIAA PAPER 66-757] 17 p2792 A67-33004
- STALONY-DOBZANSKI, J.**
Effect of trajectory control scheme on the performance of lifting entry vehicles. [AIAA PAPER 66-407] 07 p1257 A67-19362
- STALZER, H. J., JR.**
Diffraction by a cylinder in a locally uniaxial medium with azimuthal optic axis. 20 p3389 A67-37705
- STAMENOV, I.**
Temperature effect of the cosmic-ray neutron component /Temperaturnyi effekt neitronnoi komponenty kosmicheskogo izlucheniya/. 17 p2936 A67-32381
- STAMPER, J. A.**
Observation of anomalous electron heating in plasma shock waves. 24 p4198 A67-42736
- STAN, I.**
Inverse problem of the relativistic motion of a point of variable mass /Problema inversa a miscarii relativiste a punctului de masa variabila/. 13 p2159 A67-27362
Effect of a magnetic field on the propagation of Alfvén waves in a conducting fluid /Influenta cimpului magnetic asupra propagarii undelor Alfvén intr-un fluid conductor/. 13 p2170 A67-27363
Concerning the rotation of an electrically conducting liquid. 21 p3668 A67-38561
- STANBRIDGE, A. B.**
Techniques for the measurement of stress in vibrating blades. 12 p2014 A67-25415
- STANCLIFFE, A. C.**
Compact turboalternator power systems for reentry vehicle applications. 24 p4108 A67-42534
- STANDAGE, A. E.**
Reaction between vitreous silica and molten aluminum. 10 p1669 A67-23381
A high-temperature polyimide reinforced with silica fibre. 11 p1811 A67-24641
- STANDIFER, L. R.**
Recent advances in composite technology. 21 p3643 A67-37953
- STANDISH, C. J.**
Divergence in the Kalman filter. 14 p2347 A67-28116
- STANDISH, E. M., JR.**
Further periodic solutions of the three-dimensional restricted problem. 08 p1396 A67-21183
- STANEK, J.**
Miniaturization of measurement techniques and analyzers of regime loads of aircraft engines and airframes /Miniaturizace merici techniky a analyzatory rezimovych zatizen motoru a draku letadel/. 09 p1501 A67-22465
- STANFORD, A. L., JR.**
Third-order elastic constant C sub 111 in NaCl and KCl. 07 p1238 A67-20218
- STANGL, J. G.**
Spin investigations by analytic methods and results for the VJ 101 C VTOL aircraft /Trudeluntersuchungen mit analytischen Methoden und Ergebnisse fuer das VTOL-Flugzeug VJ 101 C/. 23 p3934 A67-41313
- STANIC, B.**
Oscillations in the DC magnetron gas discharge. 19 p3277 A67-35124

STANIFORTH, J. A.

Excitation of the PE sub 20 and PM sub 11 modes in a dielectric-loaded trough waveguide by a dielectric-loaded rectangular waveguide. 19 p3194 A67-35514

STANIFORTH, R. G.

Blue streak - Aspects of control. 21 p3570 A67-38102

STANISZEWSKI, R.

The diplexer - A device permitting parallel operation of transmitters with a common antenna /Diplexer - Urzadzenie umozliwiajace rownolegla prace nadajnikow na wspolna antene/. 18 p2637 A67-31003

STANIUKOVICH, K. P.

Nonstationary adiabatic centrally-symmetric motions of matter in the general theory of relativity. 01 p0114 A67-10987

A possible type of stable particles in the metagalaxy. 04 p0702 A67-15757

Application of the methods of the general theory of relativity to the study of the trajectories of comets with extended periods /Primenenie metodov obshchey teorii otnositel'nosti k issledovaniiu traektorii dolgoperiodicheskikh komet/. 06 p1084 A67-18164

On the theory of lunar craters. 12 p2002 A67-25646

Application of general-relativity methods to the study of long-period comet trajectories. 16 p2741 A67-30508

On the study and investigation of gravitational interactions /Ob izuchenii i issledovanii gravitatsionnykh vzaimodeistviy/. 22 p3879 A67-39294

STANKEVICH, K. S.

Absorption of centimeter and decimeter waves by molecular oxygen in the atmosphere. 01 p0022 A67-10391

The effect of feed displacement from focus on the accuracy of antenna measurements. 01 p0035 A67-10392

Study of the atmosphere at small angles above the horizon by radio-astronomy methods /Issledovanie atmosfery na malyykh uglokh nad gorizontom radio-astronomicheskimi metodami/. 07 p1142 A67-19586

Investigation of the atmosphere at small angles above horizon by methods of radio astronomy. 20 p3384 A67-37323

STANKIEWICZ, A.

On the empirical relation between the intensity of radiation and the magnetic field strength in sunspot umbrae. 17 p2946 A67-32728

The transfer of energy in sunspots. 24 p4226 A67-41966

STANKOVSKII, B. A.

Active ultrasonic delay line. 24 p4130 A67-42237

STANLEY, A. G.

Comparison of MOS and metal-nitride-semiconductor insulated gate field-effect transistors under electron irradiation. 04 p0588 A67-15713

A model for shifts in the gate turn-on voltage of insulated-gate field-effect devices induced by ionizing radiation. 13 p2079 A67-26871

Effect of electron irradiation on insulated-gate and junction-gate field effect transistors. 17 p2918 A67-32850

STANLEY, G. M.

Ground-based studies of the F region in the vicinity of the midlatitude trough. 03 p0409 A67-12947

STANLEY, N. E.

Generation and loading of triple point hydrogen for high performance aircraft, boosters and spacecraft. [AIAA PAPER 67-468] 18 p3110 A67-33938

Stannard, C. R., JR. Oscillatory photoconductivity in InSb. 02 p0280 A67-11487

STANNERS, G. W.

Aircraft fuel tank pressurization and venting systems. 04 p0554 A67-14883

Aircraft fuel tank pressurization and venting systems. 21 p3571 A67-38104

STANTON, E. L.

On energy-derived difference equations in thermal stress problems. 21 p3716 A67-37956

STANTON, G. E.

New designs for commercial aircraft wheels and brakes. [AIAA PAPER 67-404] 15 p2421 A67-30371

STANTON, R. R.

Maintainability program requirements - Military Standard 470. 16 p2781 A67-30441

STAPELLS, R. F.

The Canadair CL-215 water bomber program. [SAE PAPER 670902] 24 p4094 A67-42020

STAPH, H. E.

A high-speed drive for high-vacuum chambers. [ASME PAPER 66-WA/PID-7] 04 p0628 A67-15330

STAPLEFORD, R. L.

Pilot describing function measurements in a multiloop task. 17 p2808 A67-33177

Effects of manual altitude control and other factors on short-period handling quality requirements. 19 p3175 A67-35974

STAPLES, J. L.

Metal-semiconductor contacts for GaAs bulk effect devices. 13 p2183 A67-27567

STAPP, J. P.

Review of air force research on biodynamics of collision injury. 08 p1289 A67-20615

Human tolerance to inflight stresses of maximal intensity. 14 p2257 A67-28218

STARBUCK, R. J.

Achieving low power operation in spaceborne computers. 17 p2820 A67-32503

STARBUKOV, N. N.

Nuclear spectroscopy and neutrino astrophysics of the sun. 16 p2753 A67-31734

STAREK, J.

A radar station for measuring three coordinates /Radiolokacni stanice k mereni tri souradnic/. 21 p3582 A67-38498

STARGARDTER, H.

Dynamic models of vibrating rotor stages. [ASME PAPER 66-WA/GT-8] 04 p0712 A67-15364

STARIKOVA, M. V.

Study of an automatic control system containing a logical element in the presence of an external disturbance. 09 p1482 A67-22080

STARK, C. N.

Falling sphere density measurements. 07 p1181 A67-19938

STARK, D.

The spectral emissivity of titanium /Das optische Emissionsvermoegen des Titans/. 05 p0831 A67-17318

STARK, F. O.

Evidence for chemical bond formation at silane coupling agent interfaces. 20 p3474 A67-37269

STARK, H.

An algorithm for locating ambiguous lobes in the radiation pattern of large circular arrays. 05 p0781 A67-17535

STARK, J. A.

Zero-G hydrogen tank venting systems. 13 p2057 A67-27640

STARK, P. D.

Balanced microwave transistor amplifiers using tantalum integrated circuitry. 15 p2452 A67-29927

An integrated 4-GHz balanced transistor amplifier. 17 p2825 A67-32599

STARK, R. W.

Magnetic breakdown in metals. 22 p3866 A67-40552

STARK, V. J. E.

On the approximation of the normal velocity on oscillating wings. 04 p0547 A67-14842

STARKEY, R. E.

Solar wind-plus-ultraviolet exposure studies on spacecraft thermal control coatings using in-situ optical property measurement techniques. 24 p4174 A67-42040

STARKMAN, E. S.

Flame-propagation rates in ammonia-air combustion at high pressure. 18 p3110 A67-33844

STARKOV, G. V.

Latitudinal effect of auroral activity /O dolgootnom effekte aktivnosti polarnykh silanii/. 02 p0236 A67-11664

Variation of the boundaries of the oval zone of auroras /Izmenenie granits oval'noi zony polarnykh silanii/. 10 p1630 A67-22785

Orientation of extended formations of polar auroras /Orientatsiya protiazhenykh form polarnykh silanii/. 10 p1630 A67-22786

Scheme of an elementary auroral disturbance on the earth's daylight side /Skhema elementarnogo vozmushcheniya v polarnykh silaniakh na dnevnol storone zemli/. 14 p2309 A67-27941

Longitudinal effect of auroral activity. 16 p2665 A67-31079

Dynamics of auroral belt and polar geomagnetic disturbances. 17 p2850 A67-33184

Change in the boundaries of the oval auroral zone. 24 p4149 A67-42121

Orientation of extended auroral forms. 24 p4149 A67-42122

Starkov, V. N. Inversely symmetrical edge effect in a circular cylindrical shell /Obratnosimmetrichny kraevol effekt v krugovoi tsilindricheskoj obolochke/. 14 p2401 A67-28644

Starkova, A. G. Study of the composition of the atmosphere at altitudes from 60 to 100 km /Ob issledovanii sostava atmosfery v oblasti vysot 100-60 km/. 09 p1491 A67-21895

Starnier, K. E. Use of thin-skinned calorimeters for high heat flux arc jet measurements. 23 p4006 A67-41381

Starns, C. E. A manned orbital research laboratory /MORL/. Design and utilization. 08 p1414 A67-21545

Starobinets, S. S. Excitation of magnetoelastic waves. 16 p2733 A67-31733

Starodubov, I. A. D. Investigation into plastic behaviour of zone refined and prestrained Be single crystals. 13 p2137 A67-27111

Starodubtsev, S. V. Low-temperature internal friction in silicon. 04 p0681 A67-15294

Diffusion of impurities in epitaxial silicon layers /Diffuziya primesel v epitaksial'nykh plenках kremniya/. 21 p3881 A67-38361

Starominski, L. R. Three-dimensional effects with an MHD flow in a channel with sectional electrodes /Prostranstvennyye efekty pri MGD-techenii v kanale s sektiionirovannymi elektrodami/. 21 p3665 A67-38242

Starovarov, A. A. Variations of the critical frequencies of the sporadic E layer /O valatsiakh predel'nykh chastot sporadicheskogo sloa E/. 10 p1631 A67-22806

Long-term variations of the critical frequencies of the sporadic E layer /O mnogoletnei variatsii predel'nykh chastot sporadicheskogo sloa E/. 16 p2669 A67-31903

Variations of the cutoff frequencies of the sporadic E layer. 24 p4150 A67-42143

Starr, J. B. Experiments on a turbulent cylindrical wall jet. 22 p3783 A67-39531

Starr, V. P. Hydromagnetic energy balance equations for the solar atmosphere. 06 p1089 A67-18738

Angular momentum transport in the solar nebula. 24 p4223 A67-41790

Starrett, P. S. Experimental correlation of a transient heat transfer analysis of a complex spacecraft model. [AIAA PAPER 67-157] 06 p1118 A67-18506

Starshinov, A. I. Shock wave propagation in a semi-infinite volume /Rasprostraneniye udarnykh voln v poluograničennom ob'eme/. 11 p1782 A67-24954

Method for calculating the parameters of a primary shock wave at the exit of a nonstationary jet from a nozzle /Metod rascheta parametrov pervichnoi udarnoi volny pri istechenii nestatsionarnoi strui iz sopla/. 12 p1929 A67-25674

Startsev, G. P. Production of one longitudinal mode in a ruby laser. 24 p4169 A67-42894

Startsev, V. I. Generator of triple electric and light pulses of nanosecond duration /Generator troinnykh elektricheskikh i svetovykh impul'sov nanosekundnoi dlitel'nosti/. 03 p0388 A67-14270

Role of dislocation multiplication in the plastic deformation of ionic crystals /O roli razmnozheniya dislokatsii pri plasticheskoi deformatsii ionnykh kristallov/. 13 p2175 A67-26448

Staryi, I. B. Effect of thermal processing of chromium-silicon thin films on the X-ray K-absorption edge in these films /K voprosu o vliyanii termicheskoi obrabotki tonkikh plenok khromosilitsila na rentgenovskie K-kraia plogoshcheniya khroma v nikh/. 17 p2921 A67-32893

X-ray spectral analysis of the block

- structure of bent aluminum single crystals /Rentgenospektral'noe issledovanie blochnoi struktury izognutykh aluminiumevykh monokristallov/. 17 p2874 A67-32895
- STARZHINSKII, V. M.**
Parametric resonance in near-canonical systems /Parametricheskii rezonans v sistemakh, blizkikh k kanonicheskim/. 21 p3657 A67-37989
- STASENKO, A. L.**
Self-irradiation coefficient of a Moebius strip of given shape /Koeffitsient samooblucheniia lenty mebiusa zadannoi formy/. 23 p4083 A67-41287
- STASHUK, V. D.**
Miniature RC circuits with solid components /Miniaturalnye RC-tsepi na tverdykh elementakh/. 13 p2080 A67-27036
- STASOVSKAIA, V. V.**
Relation between microhardness and microbrittleness and electron structure in refractory compounds /O svyazi mikrotverdsti i mikrokrupnosti tugoplavkikh soedinenii i ikh elektronnykh stroenii/. 06 p1015 A67-17846
Correlation of microhardness and microbrittleness of refractory compounds with their electronic structure. 20 p3471 A67-37588
- STASTNY, A.**
Transducers for nonelectrical quantities based on servomechanical principles - Their properties and testing /Snimace neelektricheskikh velicin, zalozene na servomechanickem principu, jejich vlastnosti a zkouseni/. 04 p0618 A67-14412
System for complex measurement and processing of statically and dynamically varying data /Soustavy pro komplexni mereni a zpracovani statickodynamickych prubehu merenych velicin/. 09 p1501 A67-22466
- STATECNY, J.**
Modern trends in experimental research of thermal fatigue /Moderni smery v experimentalnim vyzkumu tepelne unavy/. 09 p1576 A67-22475
Propeller balancing during operation /Dovazovani vrtuli za provozu/. 19 p3173 A67-35817
- STATKEVICH, V. N.**
Structural sensitivity of the plastic properties of molybdenum alloys produced by electron-beam fusion /O strukturnoi chuvstvitel'nosti plasticheskikh svoystv molibdenovykh splavov elektronoluchevoi plavki/. 01 p1010 A67-10936
The structure sensitivity of the plastic properties of molybdenum alloys produced by electron-beam melting. 22 p3820 A67-39790
- STATLER, R. L.**
Annealing of proton radiation damage in silicon solar cells. 07 p1237 A67-20143
An evaluation by solar simulation of radiation damage in silicon solar cells. 10 p1596 A67-23166
An annealing study of electron-irradiated silicon solar cells. 19 p3305 A67-35688
Thermal annealing of proton-irradiated silicon solar cells. 19 p3305 A67-35689
Integral covers for solar cells. 23 p3937 A67-41491
Thermal annealing of proton-irradiated silicon solar cells. 23 p3940 A67-41518
Radiation damage to thin silicon solar cells. 24 p4105 A67-42513
- STATLER, W. H.**
Administrative considerations in systems effectiveness programs. [SAE PAPER 680731] 01 p0170 A67-10631
Applications of VTOL and STOL aircraft - Boston to Washington. [AIAA PAPER 66-964] 02 p0182 A67-12638
Role of the rotary wing in future short-haul transportation. 21 p3734 A67-38013
- STATNIKOV, I. U. G.**
Measurement of boundary layer thickness in the presence of a sound field. 06 p0988 A67-18400
- STATSENKO, V. I.**
Iodine-type vanadium. 19 p3243 A67-34924
- STATZ, H.**
Transition probabilities between laser states in carbon dioxide. 02 p0252 A67-11891
Phase-locking of laser oscillators by injected signal. 08 p1338 A67-21309
Optical analog of the transient nutation effect. 11 p1802 A67-24829
Maximum-emission principle and phase locking in multimode lasers. 18 p3062 A67-34640
- Self-locking of modes in lasers. 20 p3456 A67-36171
- STAUB, F. W.**
The propagation and the wave form of the vapor volumetric concentration in boiling, forced convection system under oscillatory conditions. 01 p0167 A67-10974
Stability of dry patches forming in liquid films flowing over heated surfaces. 01 p0167 A67-10975
- STAUDHAMMER, P.**
The descent engine for the lunar module. [AIAA PAPER 67-521] 18 p3115 A67-33984
- STAUFENBIEL, R.**
Development and testing of an altitude control system for low-trajectory missiles /Systementwicklung und Erprobung einer Hoehenhaltung fuer tieffliegende Flugkoerper/. 04 p0652 A67-14562
- STAUFFER, W. A.**
Clear air turbulence. 03 p0463 A67-13922
- STAVRAKOVA, N. E.**
The principle of Hamilton-Ostrogadskii for systems with one-slided constraints. 01 p0114 A67-10991
- STAVSKY, Y.**
Elastic wave propagation in heterogeneous plates. 01 p0160 A67-10407
- STAWARZ, J.**
Device for measuring the noise coefficient of transistors in the frequency range from 30 kHz to 1.5 MHz /Uklad do pomiaru wspolczynnika szumow tranzystora w pasmie 30 kHz - 1.5 MHz/. 02 p0223 A67-12798
Measurement of the noise coefficient of transistors in the frequency range from 1 kHz to 1.5 MHz /Pomiar wspolczynnika szumow tranzystorow w pasmie czestotliwosci 1 kHz - 1.5 MHz/. 02 p0224 A67-12799
- STAYLOR, W. F.**
Use of moderate-length hot wires to survey a hypersonic boundary layer. 19 p3212 A67-35765
- STEADMAN, R. H.**
An off-line auto-tracking evaluation system. 09 p1530 A67-22647
- STEAR, E. B.**
A simplified technique for error analysis of rocket boost inertial navigation systems. 05 p0839 A67-17353
- STEARMAN, R. O.**
Some aspects of cylindrical shell panel flutter. [AIAA PAPER 67-78] 06 p1104 A67-18452
- STEARN, J. W.**
A radiometer for continuous wave laser radiation. 09 p1502 A67-22615
- STEARNS, C. O.**
Field-strength measurements in a multipath field using linear and circular probing. 07 p1142 A67-19448
- STEARNS, D.**
A method for measuring launch-operations progress developed for the Surveyor program. 08 p1413 A67-21528
- STEBLIN, V. I.**
Electric and photoelectric properties of p-n junctions in zinc sulfide /Elektricheskie i fotoelektricheskie svoystva p-n-perekhodov na sulfide tsinka/. 13 p2172 A67-26355
Electrical and photoelectric properties of p-n junctions in zinc sulfide. 21 p3679 A67-38312
- STECH, E. L.**
Review of mathematical models which describe human response to acceleration. [ASME PAPER 66-WA/BHF-13] 04 p0564 A67-15402
- STECHER, T. P.**
Wavelength dependence of interstellar polarization by graphite grains. 01 p0150 A67-10890
Interstellar molecule formation. 02 p0323 A67-11689
An observational distinction between interstellar grain models. 06 p1082 A67-17978
Photodestruction of hydrogen molecules in H I regions. 19 p3331 A67-36085
- STECHKINA, I. B.**
Hydrodynamics of flows of two-component mixtures in nozzles /Gidrodinamika techenii dvukhkompontentnykh smeslei v soplakh/. 16 p2656 A67-30574
- STECHMAN, R. C.**
Ignition transients in small hypergolic rockets. [AIAA PAPER 67-515] 18 p3114 A67-33978
- STECK, H. J.**
Recovery of high-performance re-entry vehicles by drag brakes plus parachutes. 15 p2564 A67-29424
- STEDFELD, R. L.**
Design and fabrication techniques for filament wound pressure vessels. 06 p1006 A67-17622
- STEDMAN, D. F.**
Safety in the rain - A new approach to visibility in rain flight. 08 p1279 A67-21042
- STEED, A.**
Airborne electronic ultra-fast scanning spectrometer. 16 p2680 A67-31803
- STEEL, G. B.**
High-speed schlieren photography using a Kerr cell modulated laser light source. 02 p0245 A67-12227
A mechanism for the conversion of the chemical energy of explosives to the kinetic and internal energy of a gas. [AIAA PAPER 67-178] 06 p1118 A67-18485
- STEELE, C. R.**
The finite beam with a moving load. 10 p1730 A67-23837
- STEELE, F. K.**
Frequency dependence of VLF fading at sunrise. 16 p2631 A67-31851
- STEELE, J. G.**
High-frequency measurement of radar cross section using the standing-wave method. 19 p3184 A67-35826
- STEELE, K. A.**
An approximate method of computing the attitude of sounding rockets. 03 p0519 A67-13782
- STEELE, S. A.**
Design of error insensitive digital control systems. 16 p2647 A67-31647
State minimization of sequential systems. 19 p3200 A67-34844
- STEEN, P.**
Tracking by satellite - A simulation and error analysis. 15 p2514 A67-29597
- STEEN, R. A.**
The impact of an on-board checkout system /OSC/ on a space station program. [AIAA PAPER 67-953] 24 p4245 A67-43037
- STEENBECK, M.**
A contribution to the problem of turbulence in plasmas - The earth as a self-excited magnetohydrodynamic generator /Beitrag zu Fragen der Turbulenz in Plasmen - Die Erde als selbsterregter magnetohydrodynamischer Generator/. 17 p2842 A67-32341
Investigation of the dynamo effect of turbulence without mirror symmetry in simple models /Untersuchung der Dynamowirkung einer nichtspiegelsymmetrischen Turbulenz an einfachen Modellen/. 17 p2883 A67-32355
Creation of stellar and planetary magnetic fields as a result of turbulent motions of their matter /Vozniknovenie magnitnykh poloi zvezd i planet v rezul'tate turbulentnogo dvizheniia ikh veshchestva/. 24 p4230 A67-42352
- STEENSLAND, T.**
A contribution to the theory of the thermomolecular flow effect in microbalances. 04 p0620 A67-14732
Longitudinal thermomolecular flow at intermediate pressures - A comparison. 04 p0603 A67-14733
- STEFAN, M.**
The dynamics of the ophthalmic artery in hypoxia /La dynamique de l'artere ophtalmique en hypoxie/. 16 p2611 A67-30757
- STEFANIAK, H. ST.**
Theoretical design of an equivalent mechanical system naturally matched to a self-oscillating system /Prinzipieller Aufbau des dem System der Eigenschwingungen natuerlich angepassten mechanischen Ersatzsystems/. 13 p2216 A67-26626
- STEFANIUK, V. L.**
Bayes' empirical solution of the threshold-discrimination problem for two signals /Ob empiricheskomo baiesovskom reshenii zadachi porogovogo razlicheniia dvukh signalov/. 24 p4134 A67-41795
- STEFANOV, B. I.**
Viscosity and thermal conductivity of the vapors of sodium and potassium. 09 p1579 A67-21865
Experimental determination of the heat conductivity coefficient of a cesium plasma /Eksperimental'noe opredelenie koeffitsienta teploprovodnosti tsezlevoi plazmy/. 17 p2895 A67-32156
- STEFANOV, B. J.**
Experimental study of thermal conductivity coefficient of cesium

- plasma. 19 p3287 A67-35359
- STEFANOV, R.
Properties of p-n heterojunction of cadmium sulfide and preparation of photoelectric converters. 19 p3304 A67-35427
- STEFANOVSKII, V. A.
Theoretical analysis of the process of readjustment of the operating regimes of stages in a multistage axial compressor /Teoreticheski analiz protessa perestroiki rezhimov raboty stupenel v osovom mnogostupenchatom kompressore/. 20 p3516 A67-37084
- STEFFE, W.
Thermal switchback in high f sub t epitaxial transistors. 02 p0222 A67-12652
- STEFFEN, H.
Interferometry of resonator modes in submillimeter wave lasers. 13 p2129 A67-27347
Resonator modes and splitting of the 0.337-mm emission of the CN laser. 23 p4012 A67-40893
Resonator modes of submillimeterwave lasers. 24 p4169 A67-43105
- STEFFKOVA, L.
The excretion of neutral 17-ketosteroids 3-methoxy-4-hydroxymandellic acid and 4-hydroxyphenyl-acetic acid and mucoproteins in urine during pressure breathing. 22 p3752 A67-40538
- STEFULA, J.
Calculation of the equivalent transfer function of static systems and the optimal design of a PI controller's constants /Vypocet nahradneho prenosu statichykh sustav a optimalny navrh konstant regulatora PI/. 22 p3776 A67-39335
- STEG, L.
Libration point satellites. 02 p0328 A67-12405
Whisker and short fiber reinforcements. [SAE PAPER 660640] 04 p0642 A67-15787
Fiber reinforced composite materials. 11 p1805 A67-24221
- STEGMANN, W.
Development of a 500-watt thermomechanical energy converter /Entwicklung eines thermomechanischen Energiewandlers 500 we/. 04 p0559 A67-15962
- STEHLING, K. R.
Lunar astronomical observatory. 04 p0597 A67-15067
Round rotor blades may revolutionize lift systems. 18 p2987 A67-34707
- STEHRMAN, C. J.
Aromatic ordered copolyamides for temperature-resistant fibers. 21 p3647 A67-37871
- STEIER, W. H.
Coupling of high peak power pulses from He-Ne lasers. 03 p0437 A67-13678
- STEIGER, W. R.
Low latitude observations of airglow. 18 p3037 A67-33608
Ionospheric electron content and the /of/ 6300 angstrom units nightglow. 24 p4147 A67-41878
- STEIGERWALD, E. A.
An investigation of the fatigue behavior of tungsten-reinforced and steel-reinforced silver composites. 14 p2337 A67-28422
Creep properties of refractory metal alloys in ultrahigh vacuum. 16 p2690 A67-31524
Elevated-temperature fatigue of TZC molybdenum alloy under high-frequency and high-vacuum conditions. 22 p3822 A67-40058
An incubation time for the initiation of stress-corrosion cracking in precracked 4340 steel. 22 p3822 A67-40060
- STEIGLITZ, K.
Identification of nonlinear sampled-data systems. 08 p1310 A67-20336
- STEIGMAN, G.
Neutrino pair production in bound-bound transitions. 11 p1821 A67-23959
- STEIMER, I.
Experimental study of performance characteristics in a zero potential energy manual task. 21 p3577 A67-38074
- STEIN, A.
Laser technology. 14 p2332 A67-28818
- STEIN, B. A.
Effects of 450 deg F and 600 deg F exposures on the mechanical properties of polyimide/glass-fiber honeycomb sandwiches and laminated beams. [AIAA PAPER 67-174] 06 p1021 A67-18484
- STEIN, B. F.
Non-ohmic current transport phenomena in high-resistivity GaAs. 07 p1234 A67-20099
- STEIN, D. F.
The effect of orientation and impurities on the mechanical properties of molybdenum single crystals. 11 p1810 A67-25092
- STEIN, F. M.
The approximate solution of Riccati's equation. 03 p0460 A67-13879
- STEIN, H. J.
Transient radiation defects. 19 p3305 A67-35667
- STEIN, J. A.
Escape corrections for X-ray spectra of celestial sources. 07 p1251 A67-19944
- STEIN, L. H.
Trajectory optimization program /TOP/. 19 p3257 A67-35958
- STEIN, R. P.
A hybrid computer solution of the co-current flow heat exchanger Sturm-Liouville problem. 19 p3190 A67-36069
- STEIN, S.
Communication systems and techniques. 01 p0021 A67-10306
Modern Communication Principles. 16 p2624 A67-31254
- STEIN, S. J.
Some practical considerations in the fabrication of printed glaze resistors and circuits. 12 p1916 A67-25998
- STEIN, W.
Infrared emission by circumstellar dust. 04 p0702 A67-15588
Effects of high energy radiations on noise pulses from photomultiplier tubes. 23 p4000 A67-41216
- STEIN, W. A.
X-rays from the Coma cluster of galaxies. 05 p0882 A67-18413
Infrared continuum from H II regions. 12 p2011 A67-28252
The millimeter radiation from 3C 273. 17 p2944 A67-32635
Infrared observations of the planetary nebula NGC 7027. 24 p4225 A67-41830
- STEINBACHER, R.
Surveyor seismograph experiment. 08 p1411 A67-20947
Surveyor I - Location and identification. 20 p3524 A67-36649
- STEINBERG, I. H.
Real gas effects involved in ideal flow and velocity calculations. 11 p1779 A67-24355
- STEINBERG, J. L.
The large two-mirror radiotelescope of the Nancy station. II /Le grand radiotelescope a deux miroirs de la station de Nancy. II/. 19 p3193 A67-35462
- STEINBERG, J.-L.
Low-frequency galactic emissions /Emissions galactiques aux basses frequences/. 08 p1385 A67-20866
- STEINBERG, R. F.
Preparation of epitaxial GaAs films by vacuum evaporation of the elements. 04 p0678 A67-15124
Analysis of double-gate thin-film transistor. 10 p1612 A67-23373
- STEINBERG, S.
Experimental investigation at M equals 20 of the longitudinal aerodynamic characteristics, pressure and heat transfer distribution on a 50 deg semivertex angle sphere-cone. 20 p3356 A67-36562
- STEINBRUGGE, K. B.
Industrial laser applications. 09 p1505 A67-22145
- STEINEMANN, A.
Gallium arsenide field effect transistors. 10 p1817 A67-23541
- STEINER, J. E.
Planning a new commercial aircraft. 20 p3556 A67-37446
Current report - The giant jets. 22 p3744 A67-39378
- STEINER, L. A.
World-wide fluid logic systems. 21 p3571 A67-38105
- STEINER, R.
A summary of some applications of power spectra to airplane turbulence problems. [AIAA PAPER 66-1000] 03 p0382 A67-14147
Some applications of power spectra to airplane turbulence problems. [AIAA PAPER 66-1000] 17 p2797 A67-32582
- STEINES, L. W.
ELDO launching rockets for communications satellites /ELDO. Traegerraketen fuer Nachrichtensatelliten/. 01 p0153 A67-10454
Future patterns of communication satellite systems.
- [AIAA PAPER 66-319] 06 p0961 A67-17709
- STEINHARDT, E. J.
ICARUS - A proposed 0.1 AU solar probe. 22 p3906 A67-40152
- STEINHART, R.
New radio link equipment /Neue Geraete fuer die Richtfunktechnik/. 02 p0220 A67-12203
- STEINHAUS, J. F.
Curved-field plasma transmission into a mirror machine. 03 p0485 A67-14048
Studies of a coaxial E x B plasma gun. 13 p2163 A67-26291
- STEINHERZ, H. A.
High vacuum systems for thin film applications. 04 p0631 A67-15994
- STEINHOFF, E. A.
Influence of space technology on the general progress of technology and its effects on the standard of living and the economy /Ueber den Einfluss der Raumfahrttechnologie auf den generellen Fortschritt der Technik und seine Rueckwirkungen auf Lebensstandard und Wirtschaft/. 05 p0930 A67-17539
Practical use of extraterrestrial resources. 19 p3327 A67-35652
- STEINHOFF, R. W.
Electric motor energized by microwaves in a waveguide. 02 p0183 A67-12116
- STEINITZ, R.
Rotation of magnetic stars. 21 p3708 A67-38994
- STEINLE, M. E.
Surface reaction effects on the acoustic response of composite solid propellants. 19 p3309 A67-35010
Effect of surface reactions on acoustic response of solid propellants. 19 p3311 A67-35777
- STEINMAN, G.
Synthesis of biologically pertinent peptides under possible primordial conditions. 24 p4118 A67-42806
- STEINMANN, W.
Solid-state plasma effects and their dependence on film thickness /Festkoerperplasmaeffekte und ihre Schichtdickenabhaengigkeit/. 02 p0290 A67-11736
- STEINMETZ, D. L.
A polarizer for the vacuum ultraviolet. 15 p2491 A67-30425
- STEINMETZ, E. A.
Emulsified jet engine fuel. [SAE PAPER 670365] 12 p1988 A67-25885
- STEINMETZ, G.
Control power usage for typical flight maneuvering in hover from a systematic analysis of flight test data of the VJ 101 aircraft and of a hover-rig. [AIAA PAPER 66-816] 01 p0010 A67-10538
Control-power usage for maneuvering in hover of the VJ 101 aircraft. 21 p3568 A67-38541
- STEINRISSER, F.
Pumping speeds of getter-ion pumps at low pressures. 08 p1333 A67-21494
A bakeout procedure for small glass ultrahigh-vacuum systems. 08 p1354 A67-21497
- STEKHUN, A. I.
Greater attention to jet propellant purity /Bol'she vnimaniya chistote reaktivnykh topliv/. 07 p1239 A67-19210
- STEKLY, Z. J. J.
Use of superconducting coils as energy storage elements in pulsed system operations. 22 p3747 A67-39900
A large experimental superconducting magnet for MHD power generation. 22 p3749 A67-40399
- STELL, J. H.
A multiplex grating spectrometer. 20 p3437 A67-36339
- STELLWACHER-AMILHAT, I.
Motion of a planetoid in the vicinity of a planet /Mouvement d'un planetotide au voisinage d'une planete/. 02 p0321 A67-11495
- STELMAKH, G. P.
Calculation of the evaporation process of particles in a high-temperature gas stream under nonadiabatic conditions /K raschetu protessa isparenia chastits v vysokotemperaturnom potoke gaza v neadiabaticeskikh usloviakh/. 08 p1428 A67-21424
- STELMASH, G. E.
Scattering of plane electromagnetic waves by a round inhomogeneous cylinder of infinite length. 03 p0368 A67-13281

STELMASHENKO, V. E.

Direction finding errors of the method of instantaneous amplitude comparison in elliptically polarized antenna arrays /Ob oshibkakh nelengovanila metodom amplitudnogo mgnovennogo sravnenia signalov v sistemakh s antennami ellipticheskoi polarizatsii/. 09 p1473 A67-21960

Direction-finding errors in systems with elliptically polarized antennas using the method of instantaneous signal-amplitude comparison. 20 p3400 A67-37190

STELTER, M.

Coating of semiconductor substrates. 12 p1916 A67-25996

STELZRIED, C. T.

Precision power measurements of spacecraft CW signal level with microwave noise standards. [JPL-TR-32-1070] 09 p1495 A67-21622

Operational performance of an H-band coupled cavity transmission maser. 10 p1665 A67-23441

Observations of the lunar eclipse of December 19, 1964, at a wavelength of 3.3 mm. [JPL-TR-32-1097] 12 p2011 A67-26245

Improved determination of atmospheric opacity from radio astronomy measurements. [JPL-TR-32-1115] 23 p4062 A67-40733

STEMPLE, H. L., III

Voice communication factors resulting from interference. 20 p3387 A67-37637

STENERHAG, B.

Exploding wires in air and vacuum. 05 p0847 A67-17317

STENFLO, J. O.

On the influence of the slit size on measurements with a solar magnetograph. 06 p1082 A67-18015

STENFLO, L.

Runaway in weakly ionized plasmas. 07 p1228 A67-19510

Conductivity of plasma media in external electric fields. 12 p1970 A67-25249

Parametric coupling between ion and electron waves. 17 p2906 A67-33061

Non-linear coupling in a magnetized plasma. 20 p3501 A67-37181

STENGER, F.

Error bounds for asymptotic solutions of differential equations. I, II. 06 p1021 A67-17565

STENGL, J. E.

A new solution method for the determinantal equation of a matrix polynomial. 02 p0258 A67-11799

STENNING, A. H.

"density-wave" oscillations in boiling Freon-11 flow. [ASME PAPER 66-WA/HT-49] 04 p0725 A67-15433

The attenuation of circumferential inlet distortion in multi-stage axial compressors. [AIAA PAPER 67-415] 18 p2982 A67-33902

STENNING, P. R.

Test drives for aircraft alternators. 13 p2081 A67-27238

STENSGAARD, C. P., JR.

Solar incidence factors for thermal analysis of imperfectly collimated radiation in solar simulators. [AIAA PAPER 66-458] 07 p1268 A67-19374

STENSLAND, B.

Cosmic ray anisotropy associated with storm sudden commencements. 17 p2938 A67-32796

STENTON, T. E.

Unsteady aerodynamic forces on a thin wing oscillating in transonic flow. [AIAA PAPER 67-16] 06 p0943 A67-18841

STEPAN, J.

Function approximation in problems of control engineering /Aproximace funkci v ulohach regulacni tekhniki/. 15 p2459 A67-30132

The identification of controlled systems and the limit of stability. 15 p2461 A67-30317

STEPANCHUK, V. F.

Nozzle design - Prandtl-Meyer expansion method. 03 p0352 A67-13816

STEPANENKO, A. P.

Effect of geometrical parameters of curvilinear annular diffusers on diffuser effectiveness /Vliianie geometricheskikh parametrov krivlinelnykh kol'tsevykh diffuzorov na ikh effektivnost'/. 06 p0942 A67-18553

STEPANENKO, I. A.

Plasma three-dimensional polarization

interaction in a magnetic multipole /Ob'emnoe polarizatsionnoe vzaimodelstvie plazmy v magnitnom mul'tipole/. 04 p0667 A67-15210

Volume-polarization interaction of plasma in a magnetic multipole. 15 p2532 A67-30258

Electron heating by a direct discharge during plasmoid interactions involving polarization /Nagrev elektronov s pomoshch'yu priamogo razriada v polarizatsionno-vzaimodelstvulushchikh plazmennyykh sgustkakh/. 16 p2717 A67-31182

STEPANENKO, I. P.

Transistorized nonlinear-capacitance model /Tranzistorialna model' nelineinoi emkosti/. 06 p0972 A67-18896

STEPANENKO, V. K.

Selective transistorized logarithmic amplifiers /Izbratel'nye logarifmicheskie usiliteli na tranzistorakh/. 02 p0215 A67-11978

Selective logarithmic amplifier with a video output /Izbratel'nyi logarifmicheskii usilitel's videovykhodom/. 05 p0773 A67-16459

STEPANENKO, V. N.

The design of optimal measuring systems containing digital computers. 05 p0782 A67-16268

STEPANIAN, A. A.

Relation between radio bursts of the fourth type and the solar diurnal variation of cosmic rays and the relationship between the first and second harmonics according to IGY data /Sviaz' mezhdu radiovspleskami IV tipa i solnechno-sutochnoi variatsiei kosmicheskikh luchei i sootnoshenie pervoi i vtoroi garmonik po dannym za period MGG/. 05 p0881 A67-16118

Certain dynamic phenomena in the diurnal variation of cosmic rays /Nekotorye dinamicheskie iavlenia v sutochnoi variatsii kosmicheskikh luchei/. 16 p2740 A67-31898

Behavior of the diurnal variation during magnetic storms /Povedenie sutochnoi variatsii vo vremia magnitnykh bur'/. 23 p4058 A67-41124

Relation between type IV radio bursts and the solar-diurnal variation of cosmic rays and the ratio of the first and second harmonics according to data for the period of the IGY. 24 p4214 A67-42792

STEPANOV, A. I.

Means of increasing the Q-factor of the resonator cavity of a neodymium laser /Ob odnoi vozmozhnosti uvelichenia dobrotnosti rezonatora neodimovogo opticheskogo kvantovogo generatora/. 13 p2130 A67-27629

One possibility of increasing the Q of the resonator of a neodymium laser. 21 p3642 A67-38825

STEPANOV, A. M.

High-velocity shock waves obtained by magnetic pressure and relaxation processes in these waves /Vysokoskorostnye udarnye volny, poluchaemye pri pomoshchi magnitnogo davlenia, i relaksatsionnye protsessy v nikh/. 11 p1832 A67-24034

STEPANOV, B. I.

Change in oscillation wavelength for a four-level laser. 04 p0634 A67-15760

Energy balance of the radiation noise in lasers. 08 p1337 A67-20839

Dependence of the generation threshold on the vibrational structure of electronic levels. 19 p3309 A67-36105

STEPANOV, B. M.

Effect of current injections on the response characteristics of GaAs laser radiation /Vliianie toka inzhektsii na vremennyye kharakteristiki izlucheniia PKG na GaAs/. 01 p0087 A67-10083

Effect of injection current on the time dependence of the emission from GaAs lasers. 08 p1340 A67-21460

STEPANOV, E. P.

Change in the Mossbauer spectrum of Te super 125m in the semiconductor PbTe following irradiation in a reactor. 09 p1559 A67-22661

STEPANOV, G. I.

Fluctuation levels in the vitreous semiconductor Tl sub 2 Se.As sub 2 Te sub 3 /Fluktuatsionnye urovni v stekloobraznom poluprovodnike Tl sub 2 Se.As sub 2 Te sub 3/. 09 p1553 A67-21869

Fluctuation levels in the glassy semiconductor Tl sub 2 Se. As sub 2 Te sub 3. 17 p2923 A67-33306

STEPANOV, G. V.

Experimental method for studying high-speed collisions of solid particles with obstacles at various angles

/Eksperimental'nala metodika issledovania vysokoskorostnogo soudarenia tverdykh chastits s pregradami pod razlichnymi uglami/. 12 p1926 A67-25956

STEPANOV, IU. V.

Some results of an experimental investigation of plane compressor cascades with small-aspect blades /Nekotorye rezul'taty opytного issledovania ploskikh kompressornykh reshetok s lopatkami malogo udleneniia/. 21 p3564 A67-38045

STEPANOV, K. M.

Quasi-linear theory of oscillations of a magnetoactive plasma /Do kvazilineinoi teorii kolivan' magnitoaktivnoi plazmy/. 14 p2361 A67-28753

Absorption and transformation of obliquely incident electromagnetic waves in the resonance layer of an inhomogeneous plasma /Pro poglannania i transformatsiiu elektromagnitnykh khvil' v rezonansnomu shari pri pokhilomu padanii na neodnorodnu plazmu/. 24 p4119 A67-42071

STEPANOV, K. N.

Quasi-linear theory of Cerenkov and cyclotron damping of electromagnetic waves in a plasma /K kvazilineinoi teorii cherenkovskogo i tsiklotronnogo zatukhania elektromagnitnykh voln v plazme/. 01 p0124 A67-10747

Contribution to the theory of decay of electromagnetic waves in a magnetoactive plasma. 03 p0475 A67-12934

Coupled spin, electromagnetic, and plasma waves in ferrites /Sviazannyye spinovyye, elektromagnitnye i plazmennyye volny v ferritakh/. 04 p0686 A67-15973

Resonance absorption of low-frequency wave energy in a cold inhomogeneous plasma. 06 p1039 A67-18078

Some singularities of electromagnetic radiation in anisotropic dispersive media. 08 p1294 A67-20821

Interaction between electromagnetic, plasma, and spin waves in antiferromagnetic semiconductors and metals. 09 p1555 A67-22073

Quasilinear theory of Cerenkov and cyclotron damping of electromagnetic waves in a plasma. 13 p2166 A67-26776

Collective oscillations in a plasma. 20 p3493 A67-36139

Plasma instability in the electric field of an ion-cyclotron wave. 22 p3852 A67-39889

STEPANOV, M. N.

Influence of structural factors on the durability distribution of light alloys. 22 p3915 A67-40301

STEPANOV, N. V.

Phase diagram of the niobium-titanium-zirconium system and the superconducting properties of its alloys /Diagramma sostoiianiia sistemy niobii-titan-tsirkoniia i sverkhprovodiashchie svoistva spлавov etoi sistemy/. 09 p1518 A67-22029

STEPANOV, S. G.

Experimental study of the dynamic stability of spherical segments /Eksperimental'noe issledovanie dinamicheskoi ustoiichivosti sfericheskikh segmentov/. 22 p3910 A67-39456

STEPANOV, V. A.

Krypton and xenon excitation mechanisms in the positive column of a DC discharge /O mekhanizme vozbuzhdeniia kriptona i ksenona v polozhitel'nom stolbe razriade post oianogo toka/. 19 p3265 A67-35131

STEPANOV, V. K.

Excitation of signals in a negatively charged post of an antenna under the influence of an unfocused laser beam. 01 p0091 A67-10835

Optical breakdown "fireball" in the focus of a laser beam. 12 p1952 A67-25336

STEPANOVA, A. A.

X-ray study of lanthanum borides /Rentgenograficheskoe issledovanie boridov lantana/. 11 p1810 A67-23905

STEPANOVA, E. G.

A traveling-wave maser amplifier using chromium-doped rutile and placed in a magnet with superconducting coils. 05 p0825 A67-17161

STEPANOVA, M. I.

Band diagram of n-GaAs - n super plus - Ge heterojunctions /Zonnala diagramma n-GaAs - n super plus - Ge geteroperekhodov/. 15 p2542 A67-30241

STEPANOVA, T. S.

Electrification of crystals of semiconductor compounds of A super II B super VI and A

- super III B super V type after exposure to light pulses from a laser /Elektrizatsiya kristallov poluprovodnikovoykh soedineniy tipa A super II B super VI i A super III B super V posle vozdelstviya impul'sov sveta ot opticheskogo kvantovogo generatora/. 24 p4167 A67-42164
- Dissociation of certain A super III B super V semiconductor compounds caused by the action of light pulses from a laser /Dissotsiatsiya nekotorykh poluprovodnikovoykh soedineniy tipa A super III B super V, vyzvannaya deystviem impul'sov sveta ot opticheskogo kvantovogo generatora/. 24 p4168 A67-42725
- STEPANTSOV, V. I.**
Principles of the biomechanics of humans in unsupported positions /Osnovy biomekhaniki cheloveka v bezopornom polozenii/. 02 p0187 A67-12325
- STEPANUSHKIN, N. P.**
Frequency deviation of oscillators with a two-loop delayed feedback. 03 p0378 A67-13291
- STEPHAN, G.**
Optical properties of magnesium fluoride in the extreme ultraviolet /Proprietes optique du fluorure de magnesium dans l'ultraviolet extreme/. 18 p3099 A67-33692
- STEPHENS, D. G.**
Effectiveness of external dampers for attenuating launch vehicle oscillations. 04 p0598 A67-15248
- Simulation and scaling of low-gravity slosh frequencies and damping. 24 p4141 A67-42032
- STEPHENS, H. M.**
Design and transient performance of a liquid coolant system. [SAE PAPER 670838] 24 p4252 A67-41994
- STEPHENS, J. B.**
Molecular sink. 18 p3019 A67-33547
- STEPHENS, J. J.**
A note on the idealized radar range equation. 05 p0767 A67-17309
- STEPHENS, J. R.**
Superplasticity and low-temperature ductility in a Cr-30 at. pct Co alloy. 05 p0829 A67-16474
- STEPHENS, L. M.**
Electrophysiology of chimpanzees during rapid decompression. 18 p2991 A67-34713
- STEPHENS, M. P.**
An evaluation of the foamed neoprene "diver's wet suit" as a survival garment for helicopter aircrews. 17 p2807 A67-31959
- STEPHENS, R. R.**
The influence of manned mission requirements on spacecraft design and selection. [AIAA PAPER 66-958] 02 p0332 A67-12286
- STEPHENS, S. A.**
Cosmic electrons above 10 Gev and the universal black-body radiation at 3 deg K. 01 p0145 A67-10921
- Recent observations on cosmic electrons and their consequences on different cosmic ray models and related astrophysical quantities. 22 p3874 A67-40239
- STEPHENSON, A. D., JR.**
Cryotron array - Successful integration of design and fabrication strategies. 18 p3014 A67-34556
- STEPHENSON, A. N.**
Investigations in airborne long focal length photography. 16 p2678 A67-31793
- STEPHENSON, C. D.**
CH-54A engine inlet air particle separator. [AHS PAPER 117] 16 p2737 A67-31833
- STEPHENSON, D. A.**
Molecular beam measurement of the hyperfine structure of super 85 Rb super 19 F. 11 p1821 A67-23961
- STEPHENSON, J. C.**
Atmospheric absorption of CO sub 2 laser radiation. 22 p3816 A67-40237
- STEPHENSON, J. M.**
A communication satellite system for many users. 06 p0961 A67-17695
- STEPHENSON, L. M.**
Relativistic electromagnetic solutions in rotating systems. 01 p0113 A67-10470
- A possible annual variation of the gravitational constant. 09 p1492 A67-22616
- STEPHENSON, W. B.**
Expansion of a jet into a vacuum. 18 p3152 A67-33818
- STIEPIEN, K.**
Stellar winds /Wiatry gwiazdowe/. 11 p1858 A67-24095
- Hydrodynamic oscillations in a stratified atmosphere. 11 p1868 A67-25083
- STEPNIEWSKI, W. Z.**
VTOL - New frontier of flight. 13 p2053 A67-27067
- Need for new short-range transport /Die Notwendigkeit neuer Kurzstrecken-Verkehrsmittel/. 17 p2798 A67-32833
- STEPP, E. E.**
Effect of pressure and velocity coupling on low-frequency instability. 12 p1988 A67-25910
- STEPTOE, B. J.**
Steady-state and dynamic characteristic variations in digital wall-attachment devices. 08 p1280 A67-20438
- Design procedures for a multi-element fluidic plate using wall-attachment devices. 08 p1281 A67-20452
- STEPUKHOVICH, V. A.**
Feasibility of reducing the pump frequency in an Adler tube. 24 p4130 A67-42240
- STERKHOV, V. A.**
Diffusion of indium on a germanium surface /Diffuziya indiya po poverkhnosti germaniya/. 03 p0489 A67-13150
- Diffusion of indium on the surface of germanium. 10 p1690 A67-23099
- STERLING, H. F.**
A possible new group of semiconducting compounds. 16 p2725 A67-30806
- STERLINI, J.**
MHD generator functioning by emulsion /Generateur magnetohydrodynamique fonctionnant par emulsion/. 16 p2606 A67-30588
- STERN, D.**
Geomagnetic Euler potentials. 20 p3434 A67-37423
- STERN, D. P.**
The motion of magnetic field lines. 06 p1030 A67-17561
- STERN, E. A.**
Plasma radiation from metal grating surfaces. 20 p3514 A67-37569
- STERN, F.**
Friedel phase-shift sum rule for semiconductors. 18 p3104 A67-34591
- STERN, G. S.**
Optimum deorbit positioning for minimum impulse reentry. [AAS PAPER 66-123] 07 p1254 A67-19982
- Optimum deorbit positioning for minimum impulse reentry. [AAS PAPER 66-123] 13 p2209 A67-27536
- Rise and set of a satellite about a distant primary. 24 p4238 A67-42925
- STERN, I.**
Blunt cone laminar friction drag. 01 p0007 A67-11181
- Effect of gap size on pressure and heating over the flap of a blunt delta wing in hypersonic flow. [AIAA PAPER 66-408] 05 p0749 A67-17220
- STERN, M.**
An approximate shell theory for unrestricted elastic deformations. 22 p3909 A67-39293
- STERN, M. M.**
Transistor-magnetic logic in aerospace timing. 02 p0216 A67-12014
- STERN, R. A.**
Parametric coupling between electron-plasma and ion-acoustic oscillations. 01 p0125 A67-10913
- STERN, R. G.**
Effect of point Arguello wind variability upon range safety considerations at WTR. [AIAA PAPER 67-187] 06 p0980 A67-18323
- Effect of Point Arguello wind variability upon range safety. 19 p3207 A67-34834
- Space navigation. 19 p3255 A67-35856
- STERN, R. M.**
Nearest-neighbor electron scattering in silicon. 01 p0135 A67-10877
- STERN, S. A.**
Pumping of helium and hydrogen in the high vacuum range by means of cryosorption arrays. 22 p3838 A67-40396
- STERN, T. E.**
Several recent results on the theory of nonlinear systems and circuits /Sur quelques resultats recents de la theorie des systemes et circuit nonlineaires/. 14 p2291 A67-28452
- STERNBERG, E.**
Three-dimensional stress concentration around a cylindrical hole in a semi-infinite elastic body. 05 p0909 A67-16140
- The effect of couple-stresses on the stress concentration around a crack. 05 p0921 A67-16884
- Transfer of load from an edge-stiffener to a sheet - A reconsideration of Melan's problem. [ASME PAPER 67-APM-35] 17 p2965 A67-33160
- STERNBERG, I. P.**
Reliability modeling with conditional probability logic. 01 p0083 A67-11353
- An integrated plan for reliability demonstration through safety margin testing. 05 p0813 A67-17253
- STERNBERG, S.**
Space meteorology - Past and present. 19 p3253 A67-35637
- STERNGLASS, E. J.**
A scientific station on the moon. [AIAA PAPER 67-117] 06 p0980 A67-18286
- Scientific studies on the moon. 15 p2553 A67-29300
- STERNIN, L. E.**
Extremal contours of nozzles for gas flows with a particle lag /Ekstremal'nye kontury sopel dlia potokov gaza s ostnavaniem chastits/. 03 p0349 A67-12865
- STERNLICHT, B.**
Thermal distortion of spiral-grooved gas-lubricated thrust bearing due to self-heating. [ASME PAPER 66-LUB-10] 03 p0432 A67-13765
- Rotor-bearing dynamics of high-speed turbomachinery. [SAE PAPER 670059] 09 p1508 A67-22533
- Vibration problems with high-speed turbomachinery. [ASME PAPER 67-DE-8] 14 p2402 A67-28867
- Rotor stability. 21 p3632 A67-38136
- STERNSTEIN, S. S.**
Viscoelasticity and plasticity considerations in the fracture of glasslike high polymers. 22 p3824 A67-39740
- STERRETT, J. R.**
Flow visualization of a secondary jet by means of lampblack injection techniques. 12 p1893 A67-25934
- STERRY, J. P.**
Carbon yarn reinforcements in an epoxy-anhydride binder. 03 p0452 A67-13405
- STERZER, F.**
Analysis of parametric action in back-biased p-n junctions carrying injected current. 06 p0969 A67-18106
- STESIK, L. N.**
The chemical reaction mechanism in the detonation of explosives. 04 p0723 A67-15197
- STETS, J. F.**
Ground reconstruction of Lunar Orbiter photography. 12 p1940 A67-25466
- STETSENKO, B. V.**
Use of lasers for studying the kinetics of autophotoelectronic emission /Primenenie OKG dlia issledovaniya kinetiki avtofotolektronnoi emissii/. 03 p0436 A67-13142
- STETSER, D. A.**
Ultrashort light pulses. 16 p2686 A67-31741
- STETSON, A. R.**
Ablation of magnesia. [AIAA PAPER 65-641] 03 p0449 A67-13061
- STETSON, K.**
A shock tunnel investigation of the effects of nose bluntness, angle of attack and boundary layer cooling on boundary layer transition at a Mach number of 5.5 super plus. [AIAA PAPER 66-495] 02 p0177 A67-11514
- STETSON, K. A.**
Holographic fog penetration. 20 p3450 A67-37027
- Holography with total internally reflected light. 24 p4156 A67-42362
- STETSON, K. F.**
Shock tunnel investigation of boundary-layer transition at M equals 5.5. [AIAA PAPER 66-495] 12 p1893 A67-25903
- STEUDEL, A.**
Atomic beam source for atoms in the metastable state /Eine Atomstrahlquelle fuer Atome in metastabilen Zustanden/. 09 p1534 A67-21564
- A new photoelectric Fabry-Perot spectrometer for low light intensities. 20 p3439 A67-36356
- A digital recording double Fabry-Perot spectrometer. 20 p3440 A67-36363
- STEVENIN, P.**
Measurement of the density of a developing plasma obtained through laser ionization by means of a Fabry-Perot interferometer /Mesure de la densite d'un plasma en evolution obtenu par ionisation laser a l'aide de l'interferometre Fabry-Perot/. 15 p2527 A67-29474

- STEVENS, C. L.
Vibration response of Apollo shell structures to acoustic and aerodynamic noise. 12 p2012 A67-25728
- STEVENS, D. W.
High-resolution measurement of air temperatures and temperature differences. 10 p1654 A67-22821
- STEVENS, J.
Concepts for a stored program data acquisition system. 14 p2275 A67-28690
- STEVENS, J. R.
Stability derivatives by rheoelectric analog. 03 p0354 A67-12918
Powerplant safety equipment for Concorde. 20 p3364 A67-37245
- STEVENS, K. K.
On linear ordinary differential equations with periodic coefficients. 01 p0106 A67-10732
On the parametric excitation of a viscoelastic column. 04 p0709 A67-14814
- STEVENS, M. R.
Effect of additives on the ignition delay time of hypergolic propellants. 19 p3310 A67-35012
- STEVENS, P. M.
Effects of 9-alpha-fluorohydrocortisone and venous occlusive cuffs on orthostatic deconditioning of prolonged bed rest. 01 p0016 A67-10960
Cardiovascular dynamics during orthostasis and the influence of intravascular instrumentation. 06 p0953 A67-18776
Metabolic effects of prolonged bed rest - Their modification by simulated altitude. [SAM-TR-66-296] 07 p1134 A67-19857
Sodium and water excretion and renal hemodynamics during lower body negative pressure. [SAM-TR-65-329] 24 p4110 A67-41801
- STEVENS, R. A.
Vibration qualification of fly-away umbilical by acoustic test method. 12 p1924 A67-25714
- STEVENS, R. R.
High speed electromagnetic shutter. 10 p1658 A67-23786
- STEVENS, R. T.
NORAD's computers get all the facts. 07 p1148 A67-19840
- STEVENSON, C. H.
Torsional vibration of a geared system. [ASME PAPER 67-VIBR-63] 11 p1797 A67-24205
Semi-implicit numerical methods for treating the time-transient gas-lubrication equation. [ASME PAPER 67-LUB-18] 24 p4163 A67-42677
- STEVENSON, D. C.
A free flight investigation of turbulence induced panel vibrations. 10 p1719 A67-23558
- STEVENSON, F. R.
An improved sulphur hexafluoride gas handling system for a potential drop particle accelerator. 20 p3413 A67-36181
- STEVENSON, I.
The use of critical path analysis methods in the European Space Vehicle Launcher Development Organisation. 15 p2583 A67-30223
- STEVENSON, L. E.
Means for improving apparent television resolution. 23 p3975 A67-41282
- STEVERDING, B.
Boundary-layer cooling by spattered particles. [ASME PAPER 66-WA/HT-5] 04 p0726 A67-15445
Surface temperature and heat-transfer conditions in the ablation of shear thinning and shear thickening liquids. [ASME PAPER 67-HT-78] 20 p3551 A67-36756
- STEWART, A. L.
The hyperfine structure of the 2p super 2 P levels of lithium. 24 p4190 A67-42097
- STEWART, D.
A platform with six degrees of freedom. 09 p1483 A67-21555
- STEWART, D. A.
The effect of analysis errors on some predictions made with the spectral vorticity equation. 21 p3654 A67-38575
- STEWART, F. G.
On the ionospheric F2-region equatorial anomaly and the geomagnetic field. 20 p3426 A67-36289
- STEWART, G. E.
Excitation of waves in waveguides partially filled with warm plasma in infinite magnetostatic fields. 19 p3290 A67-35379
- STEWART, H. J.
New possibilities for solar-system exploration. 03 p0513 A67-14097
- STEWART, J. C.
Thermalization lengths and the homogeneous transfer equation in line formation. 02 p0266 A67-11698
- STEWART, J. D.
Vestibular and nonvestibular information in judgments of attitude and Coriolis motion in a piloted flight simulator. 22 p3751 A67-39605
- STEWART, J. L.
Waveform analysis and preprocessing with an analog ear-brain simulation. 09 p1454 A67-21686
- STEWART, P.
Radio source spectra and the cosmological red-shift. 23 p4062 A67-40634
- STEWART, R. B.
An experimental study of the behavior of high-current arcs driven by strong external magnetic fields. 12 p1974 A67-25399
An analysis of an electromagnetically driven confined vortex with high positive radial Reynolds numbers. [AIAA PAPER 67-730] 21 p3674 A67-38754
- STEWART, R. D.
Psn-el-cp display. 05 p0771 A67-16312
PSIN arrays - The complete optoelectronic function. 14 p2282 A67-28029
- STEWART, R. G.
A casual redefinition of failure rate - Theorems, stress dependence, and application to devices and distributions. 05 p0811 A67-16852
- STEWART, V. R.
Use of boundary-layer control on a supersonic attack-reconnaissance aircraft. [AIAA PAPER 65-751] 09 p1441 A67-22484
- STEWART, W. C.
Cryotron-based random-access memory. 22 p3764 A67-39898
- STEWART, W. J.
Accelerated testing of the mechanical and thermal integrity of polymeric materials. 10 p1672 A67-23743
- STEWART, W. M.
Alpha-particle scattering from even tellurium isotopes. 24 p4192 A67-42732
- STEWARTSON, K.
On wing-body interference in supersonic flow. 06 p0942 A67-18729
Slow oscillations of fluid in a rotating cavity in the presence of a toroidal magnetic field. 16 p2667 A67-31554
- STEYERL, A.
Computer-aided study of the stability of parallel incompressible flows in a co-linear magnetic field. 20 p3423 A67-37242
- STIBER, G.
Observations of a flare spray at the solar limb on July 11, 1966. 10 p1703 A67-23798
- STICKLAND, A. C.
Gallium Arsenide, Proceedings of the International Symposium, Reading, Berks., England, September 26-28, 1966. 10 p1613 A67-23509
- STICKLER, R.
Microinhomogeneity problems in silicon. 02 p0257 A67-12434
Effect of nonuniform p-type base width on the forward switching voltage of diffused-alloyed thyristors. 03 p0380 A67-13483
- STICKLEY, C. M.
Laser brightness gain and mode control by compensation for thermal distortion. 05 p0819 A67-16656
- STICKLEY, G. W.
Notch toughness of aluminum alloy sheet and welded joints at room and subzero temperatures. 23 p4020 A67-41348
- STICKNEY, R. E.
Angular distribution of flow from orifices and tubes at high Knudsen numbers. 08 p1324 A67-21495
Simple classical model for the scattering of gas atoms from a solid surface - Additional analyses and comparisons. 13 p2097 A67-26937
Contact-potential measurements of the adsorption of Cs, O sub 2 and H sub 2 on /110/ Ta. 24 p4201 A67-41892
- STICKSEL, P. R.
Ozone distribution over Tallahassee, Florida. 11 p1787 A67-24555
- STIEF, L. J.
Vacuum-ultraviolet photochemistry. 07 p1138 A67-20190
- STIEFEL, E.
Coordinate perturbations in regularized variables /Koordinatenstoerungen in regularisierten Variablen/. 15 p2580 A67-30041
Expansion of spherical harmonics on a satellite orbit based on spinor algebra. 15 p2561 A67-30055
- STIEGLER, J. O.
Stress dependence of dislocation configuration in deformed niobium. 13 p2133 A67-27010
Recrystallization, grain growth and the ductile-brittle transition in tungsten sheet. 20 p3467 A67-37119
- STIERWALT, D. L.
Low-temperature spectral emittance measurements. 03 p0418 A67-13034
Infrared spectral emittance measurements of optical materials. 03 p0470 A67-14392
Far infrared lattice bands in indium antimonide. 06 p1059 A67-18908
- STIGLIANI, D. J., JR.
Film resolution and holographic recordings. 22 p3796 A67-39259
- STIGLITZ, M. R.
A hybrid ferrimagnetic-dielectric microwave filter. 24 p4132 A67-42808
- STILBANS, L. S.
Study of the thermal conductivity of liquid semiconductors /Issledovanie teploprovodnosti zhidkikh poluprovodnikov/. 16 p2731 A67-31388
- STILES, A. W.
The McFadyen-Stevens synthesis of aliphatic aldehydes containing alpha-hydrogens. 04 p0565 A67-14524
- STILES, P. J.
Oscillatory magneto-conductance in Si surfaces. 06 p1063 A67-18940
Electron barriers in Al-Al sub 2 O sub 3 - SnTe and Al-Al sub 2 O sub 3 -GeTe junctions. 07 p1155 A67-19893
- STILLEY, G. D.
Approximate theory for terminal velocity of a freely falling body. 21 p3656 A67-37811
- STILLMAN, G. E.
Volume excitation of an ultrathin single-mode CdSe laser. 01 p0091 A67-10879
- STILWELL, D. E.
OGO-E cosmic radiation - Nuclear abundance experiment. 12 p1944 A67-25852
- STIMMEL, R. G.
Little bits go a long way in avionics communications. 17 p2813 A67-32498
- STINEBRING, R. C.
Properties determination and process control of boron filament composites using nondestructive test methods. 03 p0455 A67-13447
Understanding failure required for meaningful test selection. 09 p1519 A67-22303
- STINEMAN, R. W.
Performance analysis of AC/DC electric power systems. 17 p2804 A67-32511
Plotting a function of three independent variables. 17 p2821 A67-32866
- STINSON, C. A.
An automated telemetry checkout station for the Saturn V systems. 05 p0789 A67-17044
- STINSON, P. J.
Analysis of safety and survival factors in emergency escape. II. 23 p3964 A67-41547
- STIRAND, O.
New method of displaying disturbance and wave propagation. 02 p0247 A67-12687
- STIRLING, C.
Vibration characteristics of turbine blading under rotation - Results of an initial investigation and details of a high-speed test installation. 12 p2015 A67-25418
- STIRN, R. J.
Device for metering a variety of metals for high-vacuum "flash" evaporation. 23 p4001 A67-41223
- STIRRUP, K.
The application of implantation to thin silicon cells. 23 p4046 A67-41488
- STIX, T. H.
Resonant diffusion of plasma across a magnetic field. 22 p3848 A67-39687
- STOCK, H. J.
Application of T-1 steel in pressure piping. 03 p0430 A67-13691
- STOCK, H. M. P.
Non-equilibrium ionization growth in molecular hydrogen. 07 p1226 A67-19853
- STOCK, S. K.
The "systems" approach to age management. [SAE PAPER 660687] 01 p0169 A67-10591

- STOCK, T. A. C.
Stress field intensity factors for propagating brittle cracks. 23 p4074 A67-40665
- STOCKEL, C.
Radiation dose due to the cosmic rays. 18 p2990 A67-33516
- STOCKER, H. J.
Oscillatory photoconductivity in InSb. 02 p0280 A67-11487
Theory of oscillatory photoconductivity in semiconductors - Boltzmann-equation approach. 02 p0280 A67-11488
- STOCKER, T. L.
Laser operation with liquid semiconductor mirrors. 05 p0822 A67-16679
Thermal effects in semiconductor reflectivity enhancement. 13 p2177 A67-27016
- STOCKHAUSEN, M.
Mode conversion in oversized rectangular waveguides /Wellentypumwandlung im ueberdimensionierten Rechteckhohleiter/. 19 p3183 A67-35545
- STOCKTON, E. M.
Computer-controlled automatic testing - A review. 08 p1299 A67-21058
- STODDARD, L. G.
Selenodetic equipment for observations of three annular eclipses. 18 p3049 A67-34312
- STODDART, D. L.
A digital radar simulator for air traffic control studies. 09 p1528 A67-22632
- STODDART, J. C.
Reaction time during voluntarily controlled alveolar hyperventilation. 09 p1453 A67-21728
- STOEFFLER, R. C.
Analytical method for predicting power jet reattachment characteristics in wall-attachment-type fluidic devices. 14 p2250 A67-28336
- STOEHR, W.
Transmitting media /Uebertragungsmittel/. 07 p1141 A67-19340
Communications via satellites /Nachrichtenverbindungen ueber Satelliten/. 07 p1141 A67-19344
- STOESSER, R. F.
A standard method for estimating VTOL operating expense - A more realistic approach. [AIAA PAPER 67-828] 24 p4096 A67-42974
- STOFEL, E. J.
Solar cell power systems for Air Force satellites. 23 p3939 A67-41508
- STOFFEL, A.
Magnetooptical ellipsometry. II /Magnetooptische Ellipsometrie. II/. 24 p4152 A67-41901
- STOFFEL, R. W.
A practical circuit for integral majority-voting logic elements. 18 p3007 A67-34664
- STOFFEGEN, W.
Observations of an artificial sodium cloud in twilight in southern France. 03 p0412 A67-13370
Light emission from an artificial sodium-lithium cloud released in twilight. 03 p0412 A67-13371
Emission from a sodium trail released into an aurora. I. 03 p0412 A67-13372
Experience from an artificial shock-wave experiment in an aurora. 03 p0413 A67-13374
Some instruments for night studies of upper atmosphere light emissions. 03 p0419 A67-13376
- STOGRYN, A.
Electromagnetic scattering from rough, finitely conducting surfaces. 12 p1906 A67-25945
- STOIAN, M.
The dynamics of the ophthalmic artery in hypoxia /La dynamique de l'artere ophthalmique en hypoxie/. 16 p2611 A67-30757
- STOIANOV, M. M.
Study of the heat-transfer law in a closed evaporative thermosiphon /Doslidzhennia zakononirnostel perenosu tepla u zamknenomu viparnomu termosifoni/. 21 p3625 A67-37913
- STOIANOVA, D. A.
Particle groups at a depth of 40 mwe in the composition of an extensive air shower /Gruppy chastits na glubine 40 m v.e. v sostave shirokogo atmosfernogo llnia/. 02 p0318 A67-12779
Measurements of muon fluxes with the aid of a spark chamber at a depth of 20 mwe /Izmereniia potokov mluonov s pomoshch'yu iskrovoi kamery na glubine 20 m v.e./. 02 p0318 A67-12780
- Spark chamber as a linear high-energy electron and photon detector /Iskrovala kamera kak llnvevoi detektor elektronov i fotonov vysokoi energii/. 03 p0425 A67-14264
- A spark chamber as a shower detector for high-energy electrons and photons. 14 p2321 A67-28776
- Particle groups in extensive air showers at 40 meters water equivalent. 22 p3877 A67-40281
- Measurement of muon fluxes at 20 meters water equivalent by means of a spark chamber. 22 p3877 A67-40282
- STOIKO, M.
Space rescue - An opportunity for international cooperation in space. 16 p2781 A67-30771
- STOIKOV, Y. I.
Results of measurements of cosmic radiation in the stratosphere obtained at Sogra, USSR, from January 26 to February 23, 1966 /Resultats des mesures de rayonnement cosmique dans la stratosphere executees a Sogra /U.R.S.S./ du 26 janvier au 23 fevrier 1966/. 04 p0692 A67-14901
- STOITCHEV, T.
Resonance absorption of electromagnetic power by weakly ionized gas. 02 p0273 A67-12184
- STOKER, J. J.
Stability of continuous systems. 14 p2348 A67-28080
- STOKER, P. H.
Airglow and enhanced penetrating electromagnetic radiation in the southern radiation anomaly. 12 p1996 A67-25775
- STOKES, A. D.
Optics of circular tubes used for plasma confinement. 22 p3842 A67-39234
- STOKES, C.
Direct nondestructive pumping of ruby lasers by chemical means. 15 p2502 A67-30437
- STOKES, L. S.
Lasers vs microwaves for deep-space communications. 14 p2273 A67-28799
- STOKES, R. W.
The calibration of flowmeters with liquid hydrogen in the region between 1000 and 7000 gpm. 03 p0422 A67-13771
- STOLARIK, E.
A simple guidance scheme for lifting body reentry vehicles. [AIAA PAPER 67-136] 06 p1095 A67-18316
- STOLARIK, J. D.
Rocket measurements of mid-latitude Sq currents. 12 p1935 A67-25794
A latitude survey of the equatorial electrojet with rocket-borne magnetometers. 13 p2107 A67-26307
- STOLARSKI, E.
Representation of the static characteristics of piezotransistors /O pewnym opisle charakterystyk statycznych piezotranzystorow/. 12 p1939 A67-25281
- STOLARSKI, R. S.
Electron impact excitation of the ultraviolet. 04 p0660 A67-14698
Electron impact cross sections for atmospheric species. II. 20 p3489 A67-37418
Electron impact cross sections for atmospheric species. III. 20 p3489 A67-37419
Calculations of auroral intensities from electron impact. 20 p3433 A67-37420
- STOLBETSOV, V. I.
Oscillations of a fluid in a vessel in the form of a rectangular parallelepiped /O kolebaniakh zhidkosti v sosude, imeiushchem formu priamougol'nogo parallelepipeda/. 10 p1679 A67-23030
Nonsmall oscillations of a liquid in a right circular cylinder /O nemalykh kolebaniakh zhidkosti v priamom krugovom tsilindre/. 14 p2296 A67-27984
Approximate method for calculating the coefficients in the equations for the perturbed motion of a body containing a liquid /Priblizhennyi metod rascheta koefitsientov uravnenii vozmushchennogo dvizhenia tela s zhidkost'iu/. 16 p2785 A67-31051
- STOLIAROV, O. G.
Measuring the high-temperature microhardness of semiconductors. 22 p3804 A67-40302
- STOLIAROV, S. N.
Influence of diffusion of excitation on the conditions of multimode generation. 03 p0437 A67-13207
- STOLL, R. D.
Effects of mean pressure on the behavior of a filled elastomer. 18 p3142 A67-33891
Effects of mean pressure on the behavior of a filled elastomer. 19 p3340 A67-35465
- STOLL, R. L.
Numerical method of calculating eddy currents in nonmagnetic conductors. 15 p2541 A67-30142
- STOLLENWERK, E. J.
Hypersonic and hypervelocity wind tunnels. 03 p0396 A67-13794
- STOLLER, A. I.
Getting the most out of circuits with dielectric isolation. 10 p1610 A67-22971
- STOLLER, D. S.
Digital computer simulation of a countdown-checkout process. 15 p2441 A67-30166
- STOLLERY, J. L.
Further experiments on transition reversal at hypersonic speeds. 04 p0604 A67-14836
On the use of a boundary-layer model for correlating film cooling data. 08 p1427 A67-20930
- STOLNITZ, D.
Experimental demonstration and theory of a corrective to second breakdown in Si power transistors. 02 p0222 A67-12654
- STOLOFF, N. S.
The mechanical properties of ordered alloys. 15 p2504 A67-30028
Fracture of iron-base solid-solution alloys. 18 p3063 A67-33485
- STOLPIANSKII, M. P.
A solid-state maser operating with a microrefrigerator at a temperature of 40 deg K. 11 p1800 A67-24467
- STOLPOVSKII, V. G.
Behavior of radiation belts and anomalous cosmic radio noise absorption in the auroral zone during the magnetic storms of February 12-14 and 20-21, 1964. 07 p1243 A67-19683
The structure of the earth's proton radiation belts according to the data of the Electron series of satellites. 10 p1702 A67-23300
Time variations of the intensity in the outer belt and near its boundary deduced from Electron 1 and Electron 2 data. 12 p1997 A67-25815
Results of investigations of geometrical position and of composition of the earth's radiation belt particles according to Electron 1 and Electron 2 data. 12 p1998 A67-25816
Boundary of the outer radiation belt and the region of unsteady radiation /Granitsa vneshnego radiatsionnogo polosa i zona neustoiichivoi radiatsii/. 16 p2740 A67-31886
Radial diffusion of greater than 100 kev electrons in the outer radiation belt. 19 p3313 A67-35257
- STOLZ, H.
Second order conductivity and nonlinear plasma excitation of an isotropic electron gas. 16 p2713 A67-30803
- STOLZENBACH, F.
The comparative enzymology of lactic dehydrogenases. III. 20 p3377 A67-37159
- STOMPS, T. F.
An early earth-orbital propellant transfer mission. 22 p3906 A67-40163
- STONE, A. M.
Experiments on wave interactions between plasma and an electron stream in a magnetic field. 19 p3291 A67-35382
A facility for the analysis of random signals. 20 p3442 A67-36460
- STONE, C. A.
An empirical method for estimating unmanned spacecraft program costs. [AAS PAPER 66-149] 08 p1429 A67-20969
An empirical method for estimating unmanned spacecraft program costs. [AAS PAPER 66-149] 13 p2232 A67-27550
- STONE, D. J.
Lunar Orbiter camera. [SMPT PAPER 101-47] 12 p1940 A67-25465
Designing for meteoroid impact. [ASME PAPER 67-DE-45] 14 p2402 A67-28878
- STONE, D. R.
Aerodynamic effect of volume addition to a high L/D wing/body at Mach 6.0. 07 p1126 A67-19382
- STONE, E.
Helium-neon laser - Thermal high-resolution recording. 05 p0815 A67-16586
- STONE, G. A.
Effect of purity and temperature on dynamic microstrain of niobium /columbium/. 20 p3469 A67-37385

- STONE, H. A.
Contour-volumetric displays. 20 p3450 A67-36986
- STONE, H. L.
Abdominal blood flow in anesthetized dogs during plus G sub x acceleration. 23 p3950 A67-41535
- STONE, J. L.
Oscillators utilizing superconducting resonators. 15 p2451 A67-29916
- STONE, J. P.
Molecular association in sodium, potassium, and cesium vapors at high temperatures. 08 p1355 A67-21033
- STONE, L. E.
Five-million pound load cell design and calibration. 01 p0050 A67-11097
- STONE, L. H.
Recrystallization behavior and brazing of the TZM molybdenum alloy. 19 p3234 A67-34793
Brazing alloys and techniques for tantalum honeycomb structures. 20 p3456 A67-37696
- STONE, M. E.
Far-ultraviolet interstellar absorption lines in delta and pi Scorpii. 19 p3330 A67-36075
- STONE, N. W. B.
The spectral transmission at infra-red wavelengths of Michelson interferometers with dielectric film beam-dividers. 06 p1005 A67-18716
Heterodyne detection of sub-millimetre radiation. 12 p1951 A67-25209
- STONE, O. C.
Calibrating cryogenic sensors. [ISA PAPER 12-11-2-66] 11 p1795 A67-25060
- STONE, R. B.
Cockpit noise levels of airline aircraft. 23 p3964 A67-41556
- STONEBRAKER, E. R.
An integrated high-voltage solar cell. 23 p3937 A67-41492
- STONEKING, C. E.
Advanced Dynamics. 18 p3080 A67-34566
- STONER, J. W.
Lateral stability augmentation of supersonic aircraft using multichannel optimal feedback control. 22 p3746 A67-40155
- STONER, T. R.
A digital laser rangefinder for data acquisition. 09 p1465 A67-22622
- STONESIFER, J. C.
Safety in recovery operations. [AIAA PAPER 67-852] 24 p4243 A67-42985
- STONEY, W. E., JR.
The role of manned orbiting laboratories in the exploration of the planets. 19 p3332 A67-35336
- STONITSKII, A. A.
Application of uniform approximations to an approximate solution of Fredholm integral equations /Pro priblizhennia integral'nykh priblizhenomiu rozn'izuvanni integral'nykh priblizhenomiu Fredgol'ma/. 21 p3651 A67-37904
- STOOP, J.
The effect of nitrogen on the tensile and creep-rupture properties of niobium. 02 p0256 A67-12703
- STOPACHINSKII, V. B.
Oscillations of optical absorption in CdS, occurring in strong electrical fields /Ostislitsii opticheskogo pogloshcheniia v CdS, voznikalushchie v sil'nykh elektricheskikh polakh/. 01 p0127 A67-10070
Oscillations of the optical absorption in CdS appearing in strong electric fields. 08 p1371 A67-21453
Electron states and interband optical transfers in the strong electric fields of semiconductors /Elektronnye sostoiianiia i mezhzonnnye opticheskie perekhody v sil'nykh elektricheskikh polakh v poluprovodnikakh/. 10 p1695 A67-23659
Electron states and interband optical transitions in strong electric fields in semiconductors. 17 p2924 A67-33340
- STOPFKUCHEN, K.
Control of earth satellites and space vehicles /Regelung von Erdsatelliten und Raumfahrzeugen/. 14 p2393 A67-27879
New methods for controllability studies /Neuere Methoden fuer die Steuerbarkeitsuntersuchungen/. 18 p2993 A67-33457
Some results of the development of the passive magnetic attitude control system for the German research satellite 625 A-1. 22 p3898 A67-39173
- STOPPLET, R. B.
Safety considerations for passengers and crew. [AIAA PAPER 66-844] 03 p0360 A67-14015
- STOPS, D. W.
Analogous studies of simultaneous conductive and radiative heat transfer. 03 p0535 A67-13464
- STORAKERS, B.
Finite plastic deformation of a circular membrane under hydrostatic pressure. 01 p0161 A67-10776
- STORCHAL, N. T.
Comparative study of the force constant of the hydrogen peroxide and disulphane molecules. 22 p3757 A67-39583
- STOREY, C.
Asymptotic stability of nonlinear systems. 01 p0048 A67-11318
Computer application of the tracking-function approach to practical stability. 03 p0376 A67-13987
Solution of the Lyapunov matrix equation. 05 p0835 A67-16950
Computer program for obtaining regions of practical stability for second-order autonomous systems. 21 p3604 A67-39076
- STOREY, L. R. O.
Preliminary results on VLF propagation in the lower magnetosphere, obtained by the FR-1 satellite /Resultats preliminaires sur la propagation TBF dans la basse magnetosphere, obtenus par le satellite FR-1/. 10 p1649 A67-23301
- STOREY, O.
Mutual-impedance plasma probe /Sonde de plasma a impedance mutuelle/. 09 p1501 A67-22561
Possibilities of studying ionospheric-plasma resonances with the aid of a mutual-impedance probe /Possibilites pour l'etude des resonances du plasma ionospherique a l'aide d'une sonde a impedance mutuelle/. 12 p1931 A67-25152
- STORK, K.
Problem of thermoelastic wave expansion /Zum problem der Ausbreitung thermoelastischer Wellen/. 04 p0715 A67-15577
- STOROZHENKO, V. A.
Errors in the operation of an inertial navigation system due to the inaccurate feeding of initial data into the computer /O pogreshnostiakh raboty sistemy inertsiial'noi navigatsii pri netochnom vvode v schetnoreshalushchee ustroistvo nachal'nykh dannyykh/. 24 p4182 A67-42300
- STOROZHENKO, V. O.
Effect of viscous friction on the stability of an inertial vertical /Pro vpliv v'lazkogo tertia na stikist' inertsiial'noi vertikal'/. 11 p1794 A67-25051
Investigation of the natural oscillations of an inertial vertical with nonlinear correction /Do doslzhzhennia vlasnikh kolivan' inertsiial'noi vertikal' z nelininoiu korektsiei/. 16 p2675 A67-31146
- STOROZHEV, L. V.
Some solution features of oxides having semiconducting properties /Nekotorye osobennosti rastvoreniiia oksidov, imelushchikh poluprovodnikovyie svoistva/. 20 p3510 A67-36816
- STORRS, E. N.
Display processing of air traffic control data - Present and future. 09 p1484 A67-21678
- STORVICK, T. S.
Determination of diffusion coefficients from viscosity measurements - Effect of higher Chapman-Enskog approximations. 04 p0658 A67-15510
Intermolecular forces in globular molecules. II. 07 p1138 A67-20191
- STORY, A. W.
Recall of two messages presented in sequential alternate words. 22 p3754 A67-39587
- STORY, J. B.
Measurement of ray deviations in an optically inhomogeneous field. 11 p1794 A67-24927
- STORZ, W.
Digitalisation of radar signals and their evaluation by a computer for automatic tracking of targets. 04 p0574 A67-15058
- STOSICK, A. J.
The constitution of binary molybdenum-carbon alloys. 20 p3470 A67-37389
- STOTHERS, R.
The ultraviolet dwarfs - A new class of degenerate stars. 08 p1396 A67-21180
The linear star model and dynamical instability. 12 p2011 A67-26253
- STOTLER, C. L.
Laminate optimization for filamentary composites. 03 p0453 A67-13413
- STOTT, M. A.
Analysis of thermal relaxation processes. 15 p2580 A67-29771
- STOURAC, L.
Electric and thermoelectric effects in a solid solution of Zn sub x Cd sub 1 sub -x Sb. 15 p2540 A67-30029
- STOVALL, J. P.
The role of digital simulation in advanced avionics system development. 17 p2833 A67-32492
- STOVER, J. D.
The role of lubrication in propagation of contact fatigue cracks. [ASME PAPER 67-LUB-20] 24 p4163 A67-42678
- STOVER, W. R.
Technique for correcting helium speech distortion. 10 p1597 A67-23313
- STOVMAN, J. A.
Some performance data on an operational 4.2 deg K parametric amplifier. 01 p0033 A67-10029
- STOWELL, M. J.
The migration of double positioning boundaries during the growth of epitaxial /111/ gold films. 04 p0675 A67-14924
- STOWELL, W. R.
Critical magnetic fields of granular superconductors. 14 p2373 A67-28860
- STOY, R. L., JR.
Rarefied gas channel flows for three molecular models. 08 p1355 A67-21117
- STOYANOV, V.
Properties of p-n heterojunction of cadmium sulfide and preparation of photoelectric convertors. 19 p3304 A67-35427
- STOYKO, A.
The third international operation of longitudes /La troisieme operation internationale des longitudes/. 14 p2314 A67-28957
Variation of the velocity of rotation of the earth and its analytical representation /Variation de la vitesse de rotation de la terre et sa representation analytique/. 16 p2687 A67-31442
Rotational time scale and its representation /L'echelle de temps rotationnel et sa representation/. 16 p2750 A67-31443
Ephemeris time according to a correction of Brown's lunar theory /Le temps des ephemerides d'apres la theorie de la lune de Brown corrige/. 22 p3881 A67-39516
Latitude variation and motion of the instantaneous pole during the International Geophysical Year and the Year of International Geophysical Cooperation - 1957. 50-1960.00 /Variation des latitudes et mouvement du pole instantane pendant l'Annee Geophysique Internationale et l'Annee de la Cooperation Geophysique Internationale - 1957. 50-1960.00/. 23 p3997 A67-41350
- STOYKO, N.
Rotational time scale and its representation /L'echelle de temps rotationnel et sa representation/. 16 p2750 A67-31443
- STOYTCHIEV, T.
Longitudinal resonances of plasma surface waves in noble gases. 17 p2889 A67-32309
- STOZHOKOV, I. I.
Measurements of cosmic ray intensity in the stratosphere above the Arctic and Antarctic. 02 p0310 A67-12573
Study of the variations of the energy spectrum of the primary cosmic-ray component according to stratospheric data /Issledovanie variatsii energeticheskogo spektra pervichnoi komponenty kosmicheskikh luchei po dannym v stratosfere/. 05 p0879 A67-16104
Changes in the energy spectrum of galactic cosmic rays during the 11-year solar-activity cycle /Izmenenie energeticheskogo spektra galakticheskikh kosmicheskikh luchei v period 11-letnogo tsikla solnechnoi aktivnosti/. 23 p4055 A67-41103
Investigation of the variation of the energy spectrum of the primary component of cosmic rays on the basis of stratospheric data. 24 p4213 A67-42780
- STRACCA, G. B.
The Fucino ground station low-noise amplifier /Amplificateur a faible bruit de la

station au sol de Fucino/. 12 p1913 A67-25301
Design and operation of a 20 deg K
parametric amplifier
system. 14 p2278 A67-27780

STRACHAN, J. F.
Sintered turbine blades for arduous
temperature and stress
conditions. 17 p2865 A67-32821

STRACK, H.
Iron-doped gallium arsenide
transistors. 10 p1617 A67-23538

STRACK, W. C.
Solar-electric propulsion system
performance for a close solar probe mission.
[AIAA PAPER 66-496] 11 p1852 A67-24343

STRADLING, R. A.
A millimetre microwave determination of
the conduction band effective mass of
HgTe. 06 p1047 A67-17653
Magnetoresistance studies of HgTe at low
temperatures. 06 p1065 A67-18948

STRAESSLER, S.
Effect of the mean free path on the
magnetic behavior of small superconducting
particles. 17 p2924 A67-33370

STRAFFORD, K. N.
The scaling of binary alloys of titanium
containing 5 wt. percent of aluminium,
copper, or cobalt in carbon dioxide at 1000
deg C. 08 p1341 A67-20763
[AAS PAPER 66-190]

STRAHLE, W. C.
Mass transfer perturbations about
Stewartson's reversed flow
profiles. 05 p0794 A67-17369
Theoretical studies on the effects of
blowing and suction in laminar separated
regions. 06 p0988 A67-18459
[AIAA PAPER 67-192]

A theory of the aerodynamics of the
supersonic splitline gimbal
nozzle. 07 p1126 A67-19378
High-frequency behavior of the laminar jet
flame subjected to transverse sound
waves. 18 p3108 A67-33831
Theoretical studies on the effects of
blowing and suction in laminar separated
regions. 22 p3786 A67-40096
[AIAA PAPER 67-192]

STRAIT, B. J.
Synthesis of unequally spaced arrays with
uniform or stepped
amplitude. 02 p0217 A67-12095
Antenna arrays with partially tapered
amplitudes. 23 p3978 A67-40827

STRAITON, A. W.
Progress in radio propagation in
nonionized media. 05 p0760 A67-16009
Amplitude distributions of refractive
index differences. 21 p3617 A67-38187

STRAIZHIS, V.
Improved response curves and parameters
of the U, B, V system. VI /Utochnenie
krivyykh reaktssil i parametrov sistemy U, B,
V. VI/. 22 p3883 A67-39767
Improved response curves and parameters
of the U, B, V system. VII /Utochnenie
krivyykh reaktssil i parametrov sistemy U, B,
V. VII/. 22 p3883 A67-39768

STRAKHOV, L. P.
A thermal gauge for measuring gas
pressures of 1-100 torr. 06 p1003 A67-18192

STRAKHOV, N. M.
Possibility of the formation of iron
hydroxides on the Martian surface /K
voprosu o vozmozhnostlakh obrazovaniya
gidrooksel zheleza na poverkhnosti
Marsa/. 06 p1083 A67-18160

Possibilities of formation of ferric
hydroxides on the Martian
surface. 16 p2741 A67-30504

STRAKHOV, V. A.
Measurements of muon fluxes with the aid
of a spark chamber at a depth of 20 mwe
/Izmereniya potokov mluonov s pomoshch'yu
iskrovoy kamery na glubine 20 m
v.e./. 02 p0318 A67-12780
Measurement of muon fluxes at 20 meters
water equivalent by means of a spark
chamber. 22 p3877 A67-40282

STRAKHOV, V. N.
Solution of incorrect magnetometric and
gravimetric problems represented by
integral equations of convolution type. I /O
resheni nekorrektnykh zadach magnito-i
gravimetrii, predstavlyaemykh integral'nymi
uravneniyami tipa svertki.
I/. 16 p2663 A67-30866

STRAKHOV, V. P.
Properties of gallium arsenide diode lasers
/Svoystva diodnykh kvantovykh generatorov,

izgotovlennykh iz arsenida
gallia/. 01 p0086 A67-10066
Temperature dependence of the threshold
current in injection lasers and their
continuous operation under liquid nitrogen
cooling /Temperaturnaya zavisimost'
porogovogo toka inzhetsionnykh kvantovykh
generatorov i nepreryyniy rezhim raboty pri
okhlazhdenii zhidkim
azotom/. 06 p1012 A67-18788

Properties of diode quantum generators
prepared from gallium
arsenide. 08 p1339 A67-21449
Continuous operation with nitrogen cooling
for injection lasers and the temperature
dependence of the threshold
current. 18 p3059 A67-33730
Properties of injection lasers at 0.8-1.1
mu. 21 p3639 A67-37943

STRAKHOVICH, K. I.
Thermal boundary layer on a plate in a
Newtonian fluid with a linear heat
conductivity law /Teplovoy pogranichnyy sloi
na plastine v nen'yutonovskoy zhidkosti s
nelineinym zakonom
teplotoprovodnosti/. 13 p2224 A67-27048

STRAKHOVSKII, G. M.
Some properties of GaAs lasers with an
epitaxial p-n junction at room temperature
/Nekotorye svoystva kvantovykh generatorov
iz GaAs s epitaksial'nym p-n perekhodom pri
komnatnoy temperature/. 01 p0087 A67-10080
Effect of constant electric and magnetic
fields applied to a beam of active molecules
outside a resonator on the oscillation
frequency of a maser. 01 p0089 A67-10396

Continuous coherent radiation of epitaxial
GaAs diodes at a temperature of 77 deg K
/Nepriyryvnoe kogerentnoe izlucheniye
epitaksial'nykh diodov iz GaAs pri
temperature 77 deg K/. 01 p0090 A67-10548
Continuous coherent radiation of epitaxial
diodes of GaAs at 77 deg
K. 01 p0091 A67-11056
Characteristics of a maser operating on a
hydrogen-atom beam /Kharakteristiki
kvantovogo generatora na puchke atomov
vodoroda/. 02 p0251 A67-11574

Some properties of GaAs lasers with
epitaxial p-n junctions at room
temperature. 08 p1340 A67-21457
Experiment concerning the operation of a
molecular-beam laser on board a satellite
/Opyt raboty molekulyarnogo generatora na
iskusstvennom sputnike
zemli/. 21 p3582 A67-38594

STRAND, M.
Thymine metabolism in Escherichia coli.
II. 20 p3370 A67-38795

STRAND, T.
Unified performance theory for V/STOL
aircraft in equilibrium flight.
I. 09 p1441 A67-22487
Unified performance theory for V/STOL
aircraft in equilibrium flight.
II. 13 p2054 A67-27586
Inviscid-incompressible-flow theory of
normal and slightly oblique impingement of
a static round jet on the
ground. 21 p3565 A67-38544

STRANG, G.
Implicit difference methods for initial-
boundary value problems. 04 p0645 A67-15085

STRANGE, H. O.
Improved phenothiazine antioxidants for
synthetic lubricants. 09 p1520 A67-21705

STRANGE, M. G.
Acoustic experiment to determine the
composition of an unknown planetary
atmosphere. 03 p0509 A67-13215
Filter wedge spectrometer for field
use. 15 p2491 A67-30430

STRANGE, W. E.
A comparison of satellite gravity with
surface gravity and other physical
parameters. 01 p0056 A67-10041

STRASHININA, K. P.
Solution of the differential equations of
fluid motion for some aerodynamic problems
/Rozv'yazaniya differentsial'nykh ravnaniy
rukhu rldini dlia delakikh zadach
aerodinamiki/. 22 p3783 A67-39682

STRASHENIKOVA, M. I.
Dispersive properties of the CdS sub x -
CdSe sub 1 sub -x system and their
dependence on the crystal-preparation
method. 05 p0861 A67-16396

STRAFFORD, A. H.
Air Transport Economics in the
Supersonic Era. 13 p2052 A67-26256

STRATONOVICH, R. L.
Optimum reception of signals in
nonGaussian noise. 03 p0368 A67-13274

Generalization of Pontragin's maximum
principle /Ob odnom obobshchenii printsipa
maksimuma Pontragina/. 11 p1812 A67-24208
Asymptotic method of solution of
statistical problems of optimal control by
quasiharmonic systems. 22 p3777 A67-39828

STRATTON, R.
Differential resistance peaks of Schottky
barrier diodes. 19 p3196 A67-36042

STRATTON, R. H.
Computer works a new trick in seeing -
Pseudo-color processing. 11 p1789 A67-24250

STRAUBEL, R.
Magnetic recording process in the
magnetic storage technique with bias
magnetization in the case of static
transparency of the information carrier /Der
Aufzeichnungsvorgang der
Magnetspeichertechnik mit
Wechselfeldvormagnetisierung bei
statistischer Sicht des
Informationsstraegers/. 07 p1147 A67-19633

STRAUMANIS, M. E.
Anodic behavior of GaAs single crystals at
increased current densities in alkaline and
acidic solutions. 11 p1848 A67-24743

STRAUPMANE, V. E.
Effect of solid-particle impurities on the
electrical conductivity of a high-temperature
nitrogen jet /Vliyanie primesi tverdykh
chastichesk na elektroprovodnost'
vysokotemperaturnoi azotnoi
strui/. 09 p1547 A67-22321

STRAUSS, A. J.
Sulfur donor level associated with /100/
conduction band of GaSb. 04 p0873 A67-14476

STRAUSS, E. L.
New ablative heat shield materials for
Mars landers. 01 p0103 A67-10614
[SAE PAPER 66-0654]
Superlight ablative systems for Mars
lander thermal
protection. 10 p1672 A67-23724
Superlight ablative systems for Mars
lander thermal
protection. 22 p3826 A67-40088

STREED, E. R.
Performance of multilayer insulation
systems for the 300 deg to 800 deg K
temperature range. 03 p0534 A67-13069
[AIAA PAPER 65-683]

An experimental study of the combined
space environmental effects on a zinc-oxide
- Potassium-silicate coating.

[AIAA PAPER 67-339] 12 p1959 A67-28053
Low solar absorptance surfaces with
controlled emittance - A second generation
of thermal control coatings.

[AIAA PAPER 67-343] 12 p1959 A67-28057
A review of the status of spacecraft
thermal control materials. 15 p2579 A67-29552

STREET, R. L.
Two supercavitating hydrofoils near a free
surface. 06 p0984 A67-18126

STREETE, J. L.
Near infrared atmospheric absorption over
a 25-km horizontal path at sea
level. 10 p1629 A67-22744

STREETMAN, B. G.
Tunneling currents via Au levels in Ge
Esaki diodes. 17 p2826 A67-32621
Current oscillations in Co-doped Si p-i-n
structures. 23 p3978 A67-40788

STREETS, R. B., JR.
An algorithm for the approximate solution
of a Wiener-Hopf integral
equation. 02 p0209 A67-12175

STREHLOW, R. A.
Wave propagation in one-dimensional
reactive flows. 03 p0405 A67-14026

Transverse wave structure in
detonations. 18 p3153 A67-33828

Experimental and analytical study of the
hydrogen-air reaction kinetics using a
standing-wave normal shock.

[AIAA PAPER 67-479] 18 p3157 A67-33948
Detonation initiation behind an
accelerating shock wave. 20 p3423 A67-37095

STREIMER, I.
Applicability of certain biochemical
techniques to calcium management in space
systems - An experimental study of blood
serum calcium. 18 p2991 A67-34712

STRELBITSKAYA, A. I.
Investigation of the bending of rectangular
plates beyond the elasticity limit
/Issledovanie izgiba priamougol'nykh platin
za predelom uprugosti/. 05 p0907 A67-16017

- Studies of the bending of plates beyond the elastic limit /survey/ /Raboty po issledovaniiu izgiba plastin za predelom uprugosti /obzor/. 06 p1108 A67-18660
- Elastoplastic equilibrium of plates under concentrated load /Uprugo-plasticheskoe ravновесие plastin pri deistvii sosredotochennykh sil/. 12 p2031 A67-25960
- STRELCHENKO, A. I.**
Calculation of parameters of a lunar line. 05 p0775 A67-16958
- STRELCHENKO, S. S.**
Concerning the distribution of rotational energy levels of molecules excited by ion impact. 06 p1035 A67-17877
- STRELETS, P. L.**
Ferroelectric properties of PbTiO sub 3 - PbZrO sub 3 - PbNi sub 1/3 Nb sub 2/3 O sub 3 solid solutions. 03 p0498 A67-13704
- STRELKOV, A. S.**
Recording of fragmentary gamma-radiation during the high-level nuclear burst over Johnston Island on July 9, 1962. 07 p1242 A67-19102
- STRELKOV, G. M.**
Distribution of the radio-brightness temperature over the disk of Venus /O raspredelenii radioiarkostnoi temperatury po disku Venusa/. 13 p2200 A67-27333
- The greenhouse effect in the atmosphere of Venus. 14 p2383 A67-27859
- STRELKOV, S. P.**
Simulation of the torsional bending vibrations of a wing in an air flow /determination of the critical flutter speed/ /Modellirovanie izgibno-kрутil'nykh kolebaniy kryla v potoke vozdukh /opredelenie kriticheskoi skorosti/. 21 p3718 A67-37992
- Electromechanical simulator of the vibrations of a wing with an alleron in an air stream /Elektromekhanicheskaya model' kolebaniy kryla s eleronom v potoke vozdukh/. 22 p3912 A67-39779
- Electromechanical analog technique for the elastic vibrations of an aircraft in flight /Metod elektromekhanicheskogo modelirovaniya uprugikh kolebaniy samoleta v polete/. 22 p3746 A67-40451
- STRELKOV, V. I.**
Topography of the distribution of the nonequilibrium concentration of vacancies associated with the mutual diffusion of two components in the creep process. 18 p3141 A67-33768
- STRELLER, H.**
Dependence of the peak inverse voltage of a metal-semiconductor point contact on the mobility of majority current carriers /Zur Abhängigkeit der maximalen Sperrspannung eines Metall-Halbleiterspitzenkontaktes von der Beweglichkeit der Majoritätsladungsträger/. 03 p0488 A67-12817
- STRELNKOVA, I. A.**
Some features of the coherent radiation of gallium antimonide laser diodes. 01 p0087 A67-10085
- STRELNKOVA, N. S.**
Melting temperature of the ZrC-HfC, TaC-ZrC, and TaC-HfC systems /Temperatura plavleniya v sistemakh ZrC-HfC, TaC-ZrC, TaC-HfC/. 09 p1518 A67-21879
- STRETSOV, I. S.**
Certain specific features of inelastic pN collisions for a 17 GeV/c momentum /Nekotorye osobennosti pN-neuprugikh sudaeniy pri impul'se 17 GeV/c/. 24 p4192 A67-42853
- STREZHNEVA, K. M.**
Results of measurements of the radio emission of the moon at the wavelengths 7.93, 11.0, 14.2, and 20.8 cm /Rezultaty izmereniy radioizlucheniya luny na volnakh 7,93, 11,0, 14,2 i 20,8 cm/. 02 p0322 A67-11581
- STRIBUK, E. K.**
Effect of the degree of deformation on the superconducting properties of niobium and vanadium /Vliyanie stepeni deformatsii na sverkhprovodiaschie svoystva niobia i vanadiya/. 04 p0686 A67-15986
- Effect of the degree of deformation on the superconducting properties of niobium and vanadium. 14 p2366 A67-28489
- STRICKER, J. L.**
Satellite lifetime program. 19 p3190 A67-36071
- STRICKER, W.**
Band emission of F sub 2 and F sub 2 super plus in the spectral range from 4500 and 8500 angstrom units /Die Bandenemission des F sub 2 und F sub 2 super plus im Spektralbereich zwischen 4500 und 8500 angstrom units/. 11 p1750 A67-25003
- STRICKLAND, P. R.**
Using a graphic data-processing system to design artwork for manufacturing hybrid integrated circuits. 19 p3188 A67-38061
- STRICKLER, A.**
Rapid free-film particle electrophoresis - A new clinical capability. 23 p3956 A67-41628
- STRICKLIN, J. A.**
Improvements on the analysis of shells of revolution by the matrix displacement method. 01 p0164 A67-11191
- Consistent stiffness matrices in the analysis of shells. 10 p1725 A67-23714
- Rigid-body displacements of curved elements in the analysis of shells by the matrix-displacement method. 17 p2963 A67-33042
- STRIEDER, W.**
Upper and lower bounds on Knudsen flow rates. 15 p2469 A67-29195
- STRITZEL, R.**
Approximate method for calculating the autocorrelation function of a quantized noise /Naeherungsverfahren zur Berechnung der Autokorrelationsfunktion des Quantisierungsrauschens/. 04 p0567 A67-14405
- STRIGANOV, A. R.**
Interference filters for the study of plasmas in the millimeter and submillimeter regions. 09 p1545 A67-22000
- STRIKHA, V. I.**
Investigation of the current-voltage characteristics of a metal/p-silicon clamped contact /the parameter alpha/ /Issledovanie vol't-ampernykh kharakteristik prizhmnogo kontakta metall-p-kremniy /parameter alpha/. 18 p3009 A67-33475
- Calculation of the current voltage characteristic of a metal-semiconductor point contact taking into account the gap and the two current carrier types /Raschet vol't-ampernoi kharakteristiki tochnogo kontakta metall-poluprovodnik s uchedom zazorov i dvukh tipov nositelei/. 18 p3097 A67-33476
- Redistribution of aluminum impurities near a silicon surface during high-temperature oxidation /Pererazpodil domishki aluminiiu poblizu poverkhni kremniya pri visokotemperaturnom okislennii/. 22 p3857 A67-39502
- Influence of surface states on the positively sloped current-voltage characteristic of a metal-semiconductor contact /case of high injection levels/ /Vliyanie poverkhnostnykh sostoiyaniy na priklanie vetv' vol't-ampernoi kharakteristiki kontakta metall-poluprovodnik /sluchai bol'shikh urovnei in'ektsii/. 22 p3858 A67-39570
- Determination of the current-voltage characteristic of a semiconductor diode with a small-area contact /O nakhozhenii vol't-ampernoi kharakteristiki poluprovodnikovogo dioda s maloi ploshchad'yu kontakta/. 22 p3769 A67-39571
- Equivalent circuit of a metal-semiconductor contact with allowance for the surface states /Ekvivalentnaya skhema kontakta metall-poluprovodnik pri uchete poverkhnostnykh sostoiyaniy/. 22 p3859 A67-39578
- STRIKITS, B. I.**
Solution of inverse heat-transfer problems by the method of scaling functions phi /Reshenie obratnykh zadach teploobmena metodom perekhodnykh funktsii phi/. 13 p2224 A67-27053
- STRILCHUK, A. R.**
Wave-plasma interactions involving intense runaway electron streams. 19 p3291 A67-35381
- STRIMER, P.**
Far-infrared electronic transitions in solids. 13 p2178 A67-27085
- Optical constants of seven ionic crystals at low temperature in the far infrared - Difference process - Role of impurities /Constantes optiques de sept cristaux ioniques a basse temperature dans l'infrarouge lointain - Processus de difference - Role des impuretes/. 14 p2374 A67-28986
- STRINGER, F. S.**
Navigation across the en route/terminal area interface. 09 p1531 A67-22655
- The en-route to terminal area interface. 19 p3254 A67-35312
- STRINGER, T. E.**
Effect of ion collisions and other terms on the resistive-g instability in plasmas. 11 p1826 A67-23873
- Flute instability in the presence of non-uniform electric fields. 11 p1828 A67-23891
- STRINGER, W. J.**
The statistical auroral zone during IQSY and its relationship to magnetic activity. 07 p1180 A67-19932
- The morphology of the IQSY auroral oval. 22 p3791 A67-39806
- I. The morphology of the IQSY auroral oval. 22 p3791 A67-39807
- II. The morphology of the IQSY auroral oval. 22 p3791 A67-39807
- STRITTMATTER, P.**
Evidence for a correlation between the position and red-shift of quasars. 05 p0898 A67-16887
- Gravitational collapse in the presence of a magnetic field. 22 p3895 A67-40518
- STRITTMATTER, P. A.**
On correlations between the colors and redshifts of the quasi-stellar objects. 08 p1398 A67-21231
- STRIZHENOV, D. S.**
Energy transfer during the interaction of atoms with the surface of an ideal crystal /Energoobmen pri vzaimodelstvii atomov s poverkhnost'yu ideal'nogo kristalla/. 11 p1824 A67-24855
- Energy exchange in the interaction of atoms with the surface of an ideal crystal. 20 p3490 A67-37538
- Interaction of atoms with the surface of a solid body /O vzaimodelstvii atomov s poverkhnost'yu tverdogo tela/. 24 p4190 A67-41938
- STRIZHEVSKII, I. I.**
Investigation of porous cermet fire barriers for localizing acetylene-oxygen and hydrogen-oxygen flames /Issledovanie poristykh metallokeramicheskikh ognepredaditelei dlia lokalizatsii atsetileno-kislorodnogo i vodorodno-kislorodnogo plameni/. 24 p4159 A67-41957
- STRIZHEVSKII, V. L.**
Practical calculation scheme for nonlinear optical effects in a plane-parallel plate /Prakticheskaya skhema rascheta nelineynykh opticheskikh effektov v ploskoparallelnoi plastinke/. 01 p0089 A67-10361
- Practical method for the calculation of nonlinear optical effects in a plane parallel plate. 06 p1009 A67-17619
- Contribution of exciton states to the nonlinear polarizability of a semiconductor crystal at a difference frequency /O vklade eksitonnykh sostoiyaniy v nelineinuyu polarizuemost' poluprovodnikovogo kristalla na raznostnoi chastote/. 15 p2541 A67-30238
- STRNAD, A. R.**
Central tuning dip in a submillimeter molecular laser. 11 p1803 A67-24932
- Rapid scan spectrometer for CO sub 2 laser studies. 21 p3841 A67-38460
- STRNAT, K.**
Magnetooptical ellipsometry. II /Magnetooptische Ellipsometrie. II/. 24 p4152 A67-41901
- STROBEL, H.**
On the limits imposed by random noise and measurement errors upon system identification in the time domain. 15 p2463 A67-30332
- STROBRIDGE, T. R.**
Size and power requirements of 4.2 deg K refrigerators. 13 p2057 A67-27679
- STROCK, O. J.**
Computer controlled telemetry station. 02 p0229 A67-12002
- Factors in telemetry design. 03 p0372 A67-14120
- STRODTMAN, C. L.**
Stability of a squeeze-film journal bearing. [ASME PAPER 66-LUB-15] 03 p0431 A67-13758
- Load support of the squeeze-film journal bearing of finite length. [ASME PAPER 67-LUB-14] 24 p4163 A67-42675
- STROHBEHN, J. W.**
The feasibility of laser experiments for measuring atmospheric turbulence parameters. 05 p0839 A67-17383
- Polarization and angle-of-arrival fluctuations for a plane wave propagated through a turbulent medium. 16 p2625 A67-31344
- STROIKIN, N. I.**
Method for measuring the width of the sensitive region in p-i-n detectors during a

lithium drift process /Method izmerenila shirinyi chuvstvitel'noi oblasti p-i-n-detektorov v protsesse drefa litia/. 05 p0872 A67-17500

STROKE, G. W.
 Focused-image holography - A method for restoring the third dimension in the recording of conventionally-focused photographs. 07 p1188 A67-19788
 Holographic synthesis of computer-generated holograms. 07 p1188 A67-19796
 Solution of the non-homogeneous Helmholtz equation for optical gratings with perfectly conducting boundaries. 08 p1353 A67-20349
 Spectroscopic implications of new holographic imaging methods. 12 p1948 A67-26238
 A posteriori image-correcting "deconvolution" by holographic Fourier-transform division. 20 p3435 A67-36204
 Spectroscopic origins and applications of white-light reflection holography. 20 p3438 A67-36349

STROLLO, M.
 Psychophysical and psychosocial factors as causes for rejection in the period of professional formation of pilot trainees in the Air Force /Sul fattori psicofisici e psicosociali come causa di eliminazione nel periodo di formazione professionale dell'allievo pilota della A.M./. 12 p1902 A67-25171

STROM, T. N.
 Convective inertia and gas ingestion effects on flow regimes of the viscoseal - Theory and experiment. 14 p2327 A67-28797

STROME, F. C., JR.
 Fluorescence ratio in anthracene melt and solution with circular and linear polarization of ruby-laser excitation. 05 p0814 A67-16130

STROMME, A.
 Radioactivity in civilian Norwegian pilots. 15 p2429 A67-29283

STROMQUIST, W. K.
 Transmission of isotropically incident electrons through spacecraft hull materials. [AIAA PAPER 66-511] 05 p0906 A67-17219

STRONG, H. M.
 Exploratory experiment on feasibility of making a Ti-Mg alloy under high pressure. 03 p0441 A67-13255
 Hexagonal diamonds in meteorites - Implications. 08 p1400 A67-21264

STRONG, I. B.
 Vela 3 satellite observations of solar wind ions - A preliminary report. 07 p1244 A67-19919
 Vela 2 measurements of the magnetopause and bow shock positions. 07 p1180 A67-19920
 Characteristics of the plasma sheet in the earth's magnetotail. 07 p1244 A67-19921
 Measurements of the interplanetary solar wind during the large geomagnetic storm of April 17-18, 1965. 13 p2189 A67-26303
 Vela satellite observations of solar wind ions. 13 p2190 A67-26319
 Observations of solar wind plasma changes across the bow shock. 13 p2190 A67-26320
 Discontinuities in the solar wind associated with sudden geomagnetic impulses and storm commencements. 17 p2936 A67-32530

STRONG, J.
 Balloon telescope optics. 07 p1184 A67-19388

STRONG, P. F.
 Cryogenic storage on the moon. [AIAA PAPER 67-296] 12 p1926 A67-26011

STRONG, R. E.
 End-wall effects in axial compressors. [ASME PAPER 67-FE-16] 14 p2242 A67-28364

STRONGIN, M.
 Dimensionality of superconductivity in graphite lamellar compounds. 07 p1236 A67-20138
 Effect of dielectric and high-resistivity barriers on the superconducting transition temperature of thin films. 18 p3101 A67-33989

STRONGIN, R. G.
 Convergence of the search for an extremum of a function by the maximum information principle in the presence of noise /O skhodimosti polska ekstremuma funktsii po printsipu maksimuma informatsii pri nalichii pomekh/. 20 p3477 A67-37111
 Information approach to finding the extremum of functions. 20 p3477 A67-37195

STROTSMANN, H.
 Carbon dioxide induced delay of cellular

development in two Chlorella species. 20 p3369 A67-36791

STROUD, J. F.
 Hypersonic inlet boundary-layer research. [AIAA PAPER 65-605] 03 p0350 A67-12910

STROUHAL, R. A.
 Management of hydraulic components in the United States Air Force. 09 p1581 A67-22127

STROUP, J. P.
 The influence of very low carbon contents on the properties and structures of nickel and nickel-iron base superalloys. 22 p3818 A67-39223

STROUSE, W. M.
 The anomalous appearance of laser oscillation at 6401 angstrom units. 18 p3060 A67-34013

STROZYK, J. W.
 Observations on a concentric spherical cavity laser oscillator. 22 p3817 A67-40485

STRUBLE, R. A.
 On the existence of periodic solutions and normal mode vibrations of nonlinear systems. 03 p0524 A67-13654
 Perturbations of normal mode vibrations. 04 p0656 A67-14448

STRUCK, H. G.
 Discontinuous flows and free streamline solutions for axisymmetric bodies at zero and small angles of attack. 22 p3743 A67-40166

STRUGHOLD, H.
 Characteristics of parking orbits in circummartian space. 09 p1564 A67-21716
 Medical problems during space flights to Mars /Raumfahrtmedizinische Probleme auf dem Flugwege zum Mars/. 13 p2061 A67-26338
 Gravisphere, gravipause - Astronautical aspect. 19 p3323 A67-35337

STRUICK, L. C. E.
 On mechanical properties of unfilled and filled elastomers. 19 p3249 A67-35888

STRUKOV, A. Z.
 Application of balanced-modulated pumping for the improvement of parametron devices /Primenenie balansno-modulirovannoi podkachki dlia usovershenstvovaniia ustroystva na parametronakh/. 18 p3005 A67-33503

STRULL, G.
 Systems oriented integrated electronics. 02 p0219 A67-12109
 A systems approach to a compatible family of linear integrated circuits. 06 p0967 A67-17813
 A monolithic mosaic of photon sensors for solid-state imaging applications. 09 p1476 A67-22209
 Diffusion and epitaxial equipment. 19 p3236 A67-35019

STRUMIA, F.
 The rotatory power of optically pumped atoms. 22 p3816 A67-40320
 A Paschen-Back hyperfine filter for optical pumping. 22 p3816 A67-40321

STRUMINSKII, V. V.
 Some generalization of the kinetic theory of gases /O nekotorykh obobshchenii kineticheskoi teorii gazov/. 05 p0849 A67-17021
 Solution of the chain of equations of the kinetic theory of gases. 05 p0847 A67-17541
 On a small parameter method for the solution of rarefied gas dynamics problems. 13 p2099 A67-26953
 A certain generalization of the kinetic theory of gases. 14 p2351 A67-28482

STRUNINA, A. G.
 Laws of thermal explosion. II. 06 p1112 A67-17962

STRUNKIN, V. A.
 Effect of a radial gap on the effectiveness of a turbine stage /O vliianii radial'nogo zazora na effektivnost' turbinnoi stupeni/. 04 p0690 A67-15895

STRUNZ, M.
 Method for ascertaining the position of the boundary-layer transition /Eine Methode zur Bestimmung der Lage des Grenzschichtumschlags/. 19 p3230 A67-35573

STRUTT, M. J. O.
 Spontaneous fluctuations in the leakage current due to charge generation and recombination in semiconductor diodes. 03 p0379 A67-13479
 Comparative reliability tests on silicon-planar-switching transistors of European and U.S. manufacture. 15 p2453 A67-30064
 Delay time between the current pulse and

the light emission of GaAs laser diodes. 17 p2824 A67-32316
 Observation of moving striation modes in a gas laser. 22 p3816 A67-40312

STRUZYNSKI, R. E.
 An alternate approach to the problem of Stokes' flow. 10 p1629 A67-23831

STRYER, L.
 Excited-state proton-transfer reactions - A deuterium isotope effect on fluorescence. 05 p0758 A67-16701
 Nanosecond fluorimeter. 12 p1946 A67-25981
 A fluorescent probe at the active site of alpha-chymotrypsin. 24 p4119 A67-42665

STRZYZHOVSKII, A. D.
 Physiological regeneration on the epithelium of the cornea and intestines exposed to fractional irradiation with fission neutrons /Fiziologicheskaya regeneratsiia epiteliia rogovitsy i kishechnika v usloviakh fraktsionirovannogo oblucheniia neitronami deleniia/. 16 p2613 A67-30909

STUART, J. L.
 Sample acquisition for life detection experiments. [AAS PAPER 66-70] 07 p1189 A67-19999

STUART, J. T.
 On finite amplitude oscillations in laminar mixing layers. 22 p3782 A67-39528

STUART, J. W., JR.
 Sensing techniques for initiating parachute deployment on a Mars lander vehicle. [AIAA PAPER 67-202] 06 p0948 A67-18302

STUART, W. F.
 Stray field modulation effects in the rubidium magnetometer. 20 p3448 A67-36876

STUBBE, P.
 Theoretical description of the behavior of the night F-layer /Theoretische Beschreibung des Verhaltens der nachteiligen F-Schicht/. 15 p2474 A67-29523

STUBBERUD, A. R.
 Synthesis of computationally efficient sequential linear estimators. 11 p1764 A67-24443
 Theory of pitch steering for ascent guidance. 15 p2514 A67-29603

STUBER, F. M.
 A distributed parameters model for solar cells. 24 p4098 A67-42086

STUCHLY, S.
 Application of microwaves to the evaluation of properties of materials /Zastosowanie mikrofal do oceny wlasciwosci materialow/. 18 p3045 A67-33740

STUCKEY, C. W.
 Statistical determination of electromagnetism compatibility. 24 p4132 A67-42712

STUCKEY, T. J.
 Investigation and prediction of helicopter rotor noise. I. 08 p1278 A67-20478

STUCKI, F. F.
 Internal stress measurement of encapsulated electronic modules. 08 p1306 A67-21418
 Speech as the control element. 22 p3754 A67-39163

STUDENIKIN, A. I.
 Influence of the inertia of the stabilizing motor on the operation of the interframe correction system of a gyroscope /Vliianie inertsionnosti stabilizirovushchego dvigatelia na rabotu sistemy mezhramochnoi korrektsii giroskopa/. 20 p3451 A67-37156

STUDENKOV, A. M.
 Study of the plasma azimuthal inhomogeneity in a homopolar system /Issledovanie azimutal'noi neodnorodnosti plazmy v gomopolarnike/. 15 p2529 A67-29723
 Methods of measuring velocity and photographing models during ballistic studies /Metody izmereniia skorosti i fotografirovaniia modelei pri ballisticheskikh issledovaniakh/. 16 p2674 A67-31126
 A photoelectric method of measuring the value of the separation of a head shock wave /Fotoelektronnyi metod izmereniia velichiny otkhoda golovnoi udarnoi volny/. 16 p2674 A67-31128
 The location of the head shock wave at Mach numbers close to unity /O polozenii golovnoi udarnoi volny pri chislakh Makha, blizkikh k edinitse/. 16 p2593 A67-31129
 Investigation of the ablation of low-melting models on a ballistic facility /Issledovanie unosa massy legkoplavkikh modelei na ballisticheskoi ustanovke/. 16 p2593 A67-31134

STUDENOV, V. B.

Excitation of signals in a negatively charged post of an antenna under the influence of an unfocused laser beam. 01 p0091 A67-10835

Currents produced by light pressure when a laser beam acts on matter. 10 p1664 A67-23333

A light spark in magnetic and electromagnetic fields /Svetovaya iskra v magnetnom i elektromagnetnom poliaxh/. 19 p3239 A67-35165

Transportation of plasma clusters with the aid of two-dimensional multipolar magnetic fields /Transportirovka plazmennyykh sgustkov pri pomoshchi dvumernyykh mul'tipol'nykh magnetnykh polei/. 20 p3500 A67-37061

STUDNICKA, J.

The measurement of plasma parameters in standing striations by the microwave method. 14 p2353 A67-27758

STUDT, P. L.

Centrifugal machine speeds creep testing. 03 p0395 A67-13542

STUEBER, A. M.

Abundances of Na, Mn, Cr, Sc and Co in ultramafic rocks. 07 p1183 A67-20142

STUECKL, E.

The lower thermal boundary layer of the solar convection zone /Die untere thermische Grenzschicht der solaren Konvektionszone/. 18 p3133 A67-34376

STUESSEL, D.

Flight operations of VTOL aircraft in the vicinity of airports /Der Flugbetrieb von VTOL-Flugzeugen in der Flughafennahe/. 03 p0357 A67-12974

STUESSEL, R.

Contribution to fuselage optimization of short-haul transport aircraft /Beitrag zur Rumpfoptimierung eines Kurzstrecken-Verkehrsflugzeuges/. 02 p0181 A67-12199

STUHRKE, W. F.

The elevated temperature reactivity in boron metal matrix composite materials. 03 p0445 A67-13438

On the mechanical behavior of aluminum boron composite material. [ASTM PAPER 7] 18 p3067 A67-34572

STUIVER, W.

On the concept of matched pulses for two-layer laminates. 10 p1724 A67-23707

STULL, D. R.

Enthalpies of formation and bond energies of some fluoramines. 23 p3971 A67-40975

STULOV, V. P.

Supersonic air flow past a sphere, taking oscillatory relaxation into account /Obtekanie sfery sverkhzvukovym potokom vozdukh s uchetom kolebatel'noi relaksatsii/. 03 p0349 A67-12863

STUMPF, O.

Optimization of the high-energy turbopump unit engine for the ELDO-B carrier rocket /Die Optimierung des hochenergetischen Turbopumpen-Einheitstriebwurks fuer die ELDO-B-Traegerketten/. 03 p0503 A67-13013

STUMPF, K.

A new solution of Hill's lunar problem. 08 p1382 A67-20396
Homogeneous solution of the trajectory problem /Einheitliche Loesung des Wurfproblems/. 15 p2559 A67-30035
New investigations of Hill's lunar problem /Neue Untersuchungen ueber das Hillsche Mondproblem/. 15 p2560 A67-30039
Resonance motion of a stationary satellite /Resonanzbewegung eines stationaeren Satelliten/. 15 p2560 A67-30043

STUMPF, P.

Interpretation of the dynamic processes in the tail of the Morehouse comet /Zur Interpretation der Bewegungsvorgaenge im Schweif des Kometen Morehouse/. 22 p3888 A67-40205

STUREL, B.

Generation of very intense pulses at 5300 angstrom units with the aid of a very-high-power laser - Saturation and possibilities in the near ultraviolet /Generation d'impulsions tres intenses a 5300 angstrom units avec un laser de tres grande puissance - Saturation et possibilites dans le proche ultraviolet/. 01 p0090 A67-10759

STURGEON, J. R.

The use of accelerometers for operational load measurements in aircraft. 11 p1880 A67-25059

STURGES, D. J.

Simultaneous measurements of electron density and temperature in the northern auroral zone. 19 p3222 A67-35455

STURGES, G. J.

Application of film cooling theory to the cooling of aircraft gas turbine chambers. 17 p2987 A67-32126

STURROCK, P. A.

Wave motion and the structure of the solar chromosphere. 05 p0900 A67-17075

Stochastic magnetic pumping. 21 p3662 A67-37762

STVERAK, J.

Thermal load effect on some physiological functions and mental performance. 22 p3753 A67-40539

STYER, E. F.

Dynamic analysis of a lunar-surface vehicle. 07 p1163 A67-19369

Some system-cost implications on space structures design. [AIAA PAPER 67-808] 24 p4252 A67-42965

STYRIKOVICH, M. A.

Method for calculating mass transfer in low-temperature heat exchangers of MHD devices /Metodika rascheta massoobmena v nizkoteraputurnykh teploobmennikakh MGD-ustanovok/. 03 p0536 A67-13688

STYRO, D. B.

Possibility of determining the absorption coefficient for water vapor and other components of the atmosphere from its self-radiation /K voprosu o vozmozhnosti opredeleniya koeffitsientov pogloshcheniya vodianogo para i drugikh komponent po sobstvennomu izlucheniiu atmosfery/. 19 p3251 A67-34858

SU, C. H.

Theory of parametric coupling in plasmas. 04 p0872 A67-15771

Theory of the electrostatic probe in a moderately ionized gas. 08 p1324 A67-21393

Theory of the linear Fokker-Planck collision operator. 12 p1962 A67-26177

Eigenvalue problem of the Fokker-Planck collision integral. 19 p3285 A67-35341

SU, J. C. C.

Comparison of variances evaluated by Kolmogorov's and Volterra's techniques. 01 p0044 A67-10480

SU, K. L.

A transistor-circuit realization of the inductance. 05 p0785 A67-17538

SU, L. M.

Definition of the concept of a solution for an integral equation with a discontinuous operator /K voprosu ob opredelenii poniatia resheniya integral'nogo uravneniya s razryvnyim operatorom/. 05 p0835 A67-16938

SU, S. Y.

Large amplitude whistler waves in a hot collision-free plasma. 11 p1826 A67-23881

SUAREZ, J.

Inertial instrument testing with precision centrifuges. 22 p3781 A67-40384

SUBASHIEV, V. K.

Fundamental-absorption edge of silicon heavily doped with donor and acceptor impurities /Krai sobstvennogo pogloshcheniya kremniia, sil'no legirovannogo donornymi ili akseptornymi primesiami/. 13 p2173 A67-26361
Band diagram of n-GaAs - n super plus - Ge heterojunctions /Zonnaia diagramma n-GaAs - n super plus - Ge geteroperekhodov/. 15 p2542 A67-30241

Fundamental absorption edge of silicon heavily doped with donor or acceptor impurities. 21 p3680 A67-38318

SUBBA RAJU, P. V.

Flow between two unsteadily rotating disks. 04 p0809 A67-15605

SUBBARAYA, B. H.

Langmuir probe for the measurement of electron density and electron temperature in the ionosphere. 20 p3444 A67-36528

SUBBES, E. V.

Characteristics of pulsed laser action in helium-neon and helium-argon mixtures. 03 p0438 A67-14189

SUBBOTIN, A. I.

Control of the motion of a quasi-linear system /Ob upravlenii dvizheniem kvazilineinnoi sistemy/. 22 p3776 A67-39305

SUBBOTIN, V. I.

Heat release and temperature distribution in the wall of a square channel during the passage of a turbulent flow of water or mercury /Teplootdacha i raspredelenie temperatury v stenke kvadratnogo kanala pri

turbulentnom techenii vody i

rtuti/. 07 p1265 A67-19126

Electrical conductivity measurements in a mixture of liquefied and vaporized potassium /Izmerenie elektroprovodnosti parozhidkostnoi smesi kalii/. 16 p2712 A67-30575

Liquid metal injection in MHD converters /Nagnetanie zhidkikh metallov dlia MGD preobrazovatelei/. 16 p2806 A67-30587

State of the impurities in cesium utilized in thermionic converters /Sostoianie primessel v tsezi, ispol'zuemom v termoemissionnom

preobrazovatele/. 16 p2609 A67-31399

The three-dimensional correction coefficients and the transverse scales of the temperature perturbation in turbulent flow of mercury in a round

tube. 16 p2724 A67-31776

Heat transfer and temperature distribution in the wall of a square duct during the turbulent flow of water and mercury. 21 p3731 A67-38170

SUBBOTIN, V. M.

Hydraulic sensor of angular accelerations /Gidravlicheski datchik uglovyykh uskorenii/. 22 p3809 A67-40477

SUBERTOVA, S.

The interaction of acoustic waves with a partially ionized gas. 05 p0855 A67-17050

Interaction of acoustic waves with partially ionized gas. 14 p2354 A67-27759

SUBOTOWICZ, M.

Can an antimatter meteor reach the surface of the earth/ques/ /Czy meteor z antymaterii moze dotrzec do powierzchni ziemi/ques//. 22 p3882 A67-39589

SUBRAHMANYAM, C. V.

Multifrequency observations of sudden cosmic noise absorption and X-ray flares. [RASSA PAPER 1-10-139] 03 p0373 A67-14247

SUBRAHMANYA SARMA, S. B. S.

Ionospheric absorption studies based on cosmic noise data at 28.8 MHz at Bangalore. 23 p3994 A67-40778

A method of obtaining the mean electron collision frequencies in the F sub 2 layer from cosmic noise absorption studies. 23 p3994 A67-40779

SUBRAMANIAN, G.

Consequences of the distribution of galactic cosmic-ray density in the solar system. 20 p3520 A67-37474

SUBRAMANIAN, M.

Modulation of laser beams by atmospheric turbulence - Depth of modulation. 11 p1799 A67-24236

SUBRAMANIYAN, V.

Mass transfer studies with axisymmetrically rotating bodies. 12 p2033 A67-25277

SUBRAMANYA, K.

Plane turbulent free jet and wall jet. 20 p3360 A67-37492

SUCHET, J. P.

Electronic processes in gamma-iron telluride /Processus electroniques dans le tellurure de fer gamma/. 17 p2911 A67-32220

SUCKKOV, A. F.

Generation dynamics of a giant coherent light pulse. 03 p0433 A67-12941

Effects of nonuniform excitation of semiconductor lasers pumped by an electron /Effekty neodnorodnosti vzbuzhdeniya poluprovodnikovyykh lazerov s nakachkoj elektronnykh puchkom/. 10 p1666 A67-23648

Effects of excitation inhomogeneity in semiconductor lasers pumped by an electron beam. 17 p2870 A67-33329

Angular divergence of gas-laser radiation and interaction of angular modes. 20 p3459 A67-36689

Dynamics of generation of giant coherent light pulses. II. 21 p3640 A67-38373

SUCKEWER, S.

Dynamic thermocouple for measuring plasma temperatures up to 4000 deg C /Dinamicheskaya termopara dlia izmereniia temperatur plazmy do 4000 deg C/. 17 p2854 A67-32162

Calculation of electron density from the intensity ratio of spectral lines of a given ion. 20 p3501 A67-37294

SUCKEWER, SZ.

Review of the work accomplished at the Institute of nuclear research in Poland in measuring some physical parameters of plasma in MHD generators and plasmadrons /Obzor rabot instituta iadernyykh issledovani v Pol'she po izmereniyam nekotorykh

- fizicheskikh parametrov plazmy v MGD-generatorakh I v plazmotronakh/. 21 p3664 A67-38236
- SUCOV, E. W.
An attempt to measure the temperature of a laser-produced plasma using neutron-detection technique. 23 p4031 A67-40892
- SUDAKOV, S. S.
Optimum filtering of signals in the presence of arbitrary noise. 10 p1607 A67-23443
- SUDANO, J. P.
Interaction between ion and electron waves in a plasma /Interaction entre ondes ioniques et electroniques dans un plasma/. 18 p3089 A67-34186
- SUDAREVA, S. V.
Relation between the structure and superconductivity parameters of the alloy of zirconium with 4 per cent niobium. 10 p1689 A67-23090
Structure of the alloy Zr-4 percent Nb and its influence on the critical superconductivity parameters /Struktura splava Zr-4 percent Nb i ee vliyanie na kriticheskie parametry sverkhprovodimosti/. 17 p2916 A67-32721
- SUDARSHAN, E. C. G.
Dynamics of coherent states. 17 p2870 A67-33316
- SUDBURY, P. V.
High-resolution lunar photography. 18 p3049 A67-34332
- SUDDARTH, S. K.
Matrix-tensor mathematics in orthotropic elasticity. 06 p1108 A67-18656
- SUDZILOVSKII, V. I.
Gallium arsenide laser with plane resonator. 04 p0634 A67-15759
- SUEMATSU, H.
Electrical properties alpha-In sub 2 Se sub 3. 03 p0493 A67-13362
- SUEMATSU, Y.
Analysis of idealized light waveguide using gas lens. 01 p0026 A67-11237
Resonance-like characteristics of the direct modulation of a junction laser. 07 p1196 A67-19800
Light-beam waveguide using lens-like media with periodic hyperbolic temperature distribution. 10 p1606 A67-23066
Investigation of semiconductor junction laser by electromagnetic wave theory. 18 p3060 A67-34019
- SUENAGA, E. L.
The development of a flexible deployable solar array. 23 p3939 A67-41511
- SUESS, H. E.
Some chemical aspects of the evolution of the terrestrial atmosphere. 03 p0414 A67-14089
Metamorphosis and equilibrium in chondrites. 18 p3134 A67-34494
The disintegration of heavy nuclei at elevated temperatures /Der Abbau schwerer Kerne bei hohen Temperaturen/. 20 p3490 A67-37553
- SUETA, T.
Wideband quasi-optic prism components. 10 p1606 A67-23065
- SUETAKE, K.
Construction of multi-layer absorbing wall for microwaves. 04 p0576 A67-15504
- SUETIN, I. U. K.
Identity of uniqueness and convergence constants of certain interpolation problems /Sovpadenie postolannykh edinstvennosti i skhodimosti nekotorykh interpolatsionnykh zadach/. 02 p0258 A67-11624
- SUETIN, P. E.
Thermodynamic theory of the thermomolecular pressure differential in wide capillaries /K termodinamicheskoj teorii termomolekuliarnoi raznostoi davleniya v shirokikh kapillarakh/. 02 p0343 A67-12678
- SUETIN, P. K.
Fundamental properties of polynomials orthogonal on a contour. 06 p1025 A67-18695
- SUEVEGES, M.
Higher dimensional spaces and symmetries arising on gravitational fields. 23 p4028 A67-41188
- SUGA, H.
Design method of electron gun having specified anode shape. 07 p1154 A67-19655
- SUGAI, I.
Steady-state Hartmann MHD coaxial flow between cylinders. 05 p0856 A67-17356
Note on exact geodetic sublatitude and geodetic altitude of a space vehicle. 22 p3879 A67-39312
- SUGAKOV, V. I.
Contribution of exciton states to the nonlinear polarizability of a semiconductor crystal at a difference frequency /O vklade eksitonnykh sostoiyati v nelineinuyu polarizuemost' poluprovodnikovogo kristalla na raznostnoi chastote/. 15 p2541 A67-30238
Light absorption that produced electron-hole complexes located near charged impurities in semiconductors /Pogloshchenie sveta s obrazovaniem elektronno-dyrochnykh kompleksov, lokalizovannykh u zarlazhennykh primesel v poluprovodnikakh/. 19 p3300 A67-34767
- SUGANE, K.
Trap density in epitaxially grown GaAs. 12 p1983 A67-25457
- SUGANO, S.
Interband optical transitions in extremely anisotropic semiconductors. 04 p0674 A67-14610
Magneto-optical studies of exciton effects in layer-type semiconductors. 06 p1060 A67-18917
- SUGANO, T.
Epitaxial growth of SIC film on silicon substrate and its crystal structure. 04 p0675 A67-14762
Thermal breakdown in silicon p-n junction devices. 07 p1157 A67-19901
New semiconductor devices. 12 p1918 A67-26208
Generalized analysis of high-frequency and switching characteristics of junction transistors. 24 p4201 A67-41900
- SUGATA, E.
Thin-film capacitors. 12 p1918 A67-26210
- SUGDEN, R. P.
A pressure-drop study of Freon-11, near saturation. 13 p2106 A67-27668
- SUGDEN, T. M.
The ionization processes associated with metallic additives in flame gases /Protessy ionizatsii, svyazannye s dobavkami metallov v gazovye plamena/. 17 p2967 A67-32140
- SUGIHARA, K.
Effect of carrier-carrier scattering on the Hall effect in graphite. 06 p1063 A67-18938
- SUGIMOTO, S.
Performance of suboptimum feedback functions for sequential detection systems with feedback. 14 p2292 A67-28707
- SUGISAKI, M.
Negative feedback amplifier in semiconductor integrated circuit. 01 p0040 A67-11241
- SUGITA, K.
Collisional damping of the whistler mode in a dense plasma. 16 p2713 A67-30608
- SUGITA, S.
Star system. VI. 13 p2087 A67-26722
- SUGITA, T.
Adsorption, surface reaction, and mutual displacement of CO, CO sub 2 and O sub 2 on titanium film. 19 p3244 A67-34941
- SUGITA, Y.
Measurements on local variations in spacing and orientation of the lattice plane of silicon single crystals by X-ray double-crystal topography. 05 p0866 A67-18977
- SUGIURA, I.
Adaptive optimizing control utilizing open loop type optimum-controller and the sensitivity coefficients. 22 p3776 A67-39411
- SUGIURA, M.
Progress in magnetospheric radio. 05 p0795 A67-16011
Geomagnetic variations. 20 p3430 A67-36902
- SUGIYAMA, A.
Direct observation of output beam patterns from N sub 2 -CO sub 2 laser at 10.6 mu m by thermal development method. 24 p4166 A67-41908
- SUGIYAMA, K.
Recombination and trapping processes at deep centers in n-type GaAs. 16 p2724 A67-30804
- SUHOCKI, R. J.
Design and use of fault simulation for Saturn computer design. 21 p3588 A67-38181
- SUHUBI, E. S.
Propagation of plane waves in an elastic medium with couple stress. 20 p3542 A67-37681
- SUIRE, J.
Quick measurement of varactor diodes /Mesure rapide de diodes-varactor/. 06 p0969 A67-18122
- SUITA, T.
Mean electron energy of a plasma emerging from a duoplasmatron ion source. 04 p0663 A67-14768
- The role of excited atoms on the non-equilibrium of partially ionized plasma - Use of the Klein effect. 09 p1543 A67-21821
Pressure dependent characteristics of an Oak Ridge type duoplasmatron ion source. 17 p2902 A67-32659
- I. Coherent domains in some parameter spaces inherent in a beam-plasma regime. 17 p2902 A67-32674
- SUKEGAWA, T.
A design method for variable-capacitance diodes with an m-th power characteristic for a wide voltage range. 09 p1476 A67-22213
- SUKHANOV, S.
Development and study of a linear functional multiplier using Hall sensors /Razrabotka i issledovanie lineinogo funktsional'nogo umnozhitella na osnove datchikov Kholla/. 15 p2444 A67-29386
A magnetometer with a Gauss sensor from indium antimonide /Magnetometr na datchike Gaussa iz antimonida indiya/. 20 p3447 A67-36760
- SUKHANOV, V. D.
Temperature dependency of the specific heat of some titanium alloys /Temperaturnaya zavisimost' teploemkosti nekotorykh spлавov titana/. 17 p2873 A67-32770
- SUKHANOVSKII, A. N.
The optical radar method for measuring the parameters of the moon's figure and orbit. 12 p2002 A67-25647
Possibility of improving the accuracy of some astronomical parameters of the earth-moon system by the optical location method /O vozmozhnosti utochneniya nekotorykh astronomicheskikh parametrov sistemy zemlya-luna metodom opticheskoi lokatsii/. 13 p2200 A67-27327
Measurement of the distance to the moon and possibilities of investigation on the astrometric parameters of the earth-moon system by the method of laser location. 23 p4066 A67-41037
- SUKHAREV, V. A.
Toroidal shell of variable rigidity in a steady temperature field /Toroidal'naya obolochka peremennoi zhestkosti v statsionarnom temperaturnom pole/. 23 p4075 A67-40680
- SUKHAREVSKII, I. V.
Reduction of diffraction problems on non-closed surfaces to integral equations of the second kind. 05 p0765 A67-17157
Envelope-product distribution function of two Gaussian-noise-plus-pulsed-signal waveforms in the integration of n pulses. 05 p0767 A67-17397
Passage of electromagnetic waves through a radio-transparent layer. 21 p3585 A67-38810
- SUKHARULIDZE, G. A.
Optical and magneto-optical effects in CdSnAs sub 2. 01 p0128 A67-10094
- SUKHATME, S. P.
Evaluation of optimum current-carrying leads for cryogenic apparatus. 13 p2229 A67-27663
- SUKHININ, I. I.
Peculiarities of the operation of low-temperature plasma generators with vortex stabilization of the arc, and generalization of the investigations /Osobennosti raboty generatorov nizkotemperaturnoi plazmy s vikhrevoi stabilizatsiei dugi i obobshchenie rezul'tatov issledovani/. 17 p2897 A67-32171
- SUKHOMLIN, E. A.
Determination of the electron temperature of a plasma by the soft X-ray bremsstrahlung. 02 p0274 A67-12461
Investigation of fast ions produced in the interaction between escaping electrons and a plasma /Doslizhenniya shvidkikh ioniv, iaki vnikaliu' pri vzaemodii tikaluchikh elektroniv z plazmolu/. 13 p2164 A67-26402
Measurement of the gas kinetic pressure of the plasma in a paramagnetic current column from the diamagnetic effect /Izmerenie gazokineticheskogo davleniya plazmy paramagnitnogo tokovogo shnura po diamagnitnomu efektu/. 16 p2718 A67-31188
- SUKHORUKOV, A. P.
Self-focusing and self-trapping of intense light beams in a nonlinear medium. 06 p1031 A67-17880
Nonstationary self-focusing of laser pulses in a dissipative medium. 10 p1664 A67-23332
Self-focusing and light diffraction in a nonlinear medium /Samofokusirovka i difraktsiya sveta v nelineinoy

- srede/. 24 p4187 A67-41770
- SUKHORUKOVA, E. V.**
Electron concentration over Murmansk at various solar activity levels. 07 p1179 A67-19831
- SUKHOV, G. S.**
Effect of the process of ionization on the structure and state behind a shock wave in a magnetic field /O vliyanii protsessy ionizatsii na strukturu i sostoyanie za udarnoi volnoi v magnitnom pole/. 04 p0669 A67-15517
- Magnetogasdynamic shock wave with a conductivity jump /Magnitogazodinamicheskaya udarnaya volna so skachkom provodimosti/. 21 p3664 A67-38238
- Shock tube for studying ionized gas flows /Udarnaya truba dlia issledovaniya techenii ionizirovannykh gazov/. 24 p4139 A67-42357
- SULADZE, K. V.**
Electron emission properties of a vacuum spark. II. 20 p3498 A67-36684
- SULC, J.**
Measurement and analysis of cabin noise and noise in the vicinity of an aircraft - Sonic boom measurements /Mereni a hodnoceni hluku v kabinach a okoli letounu - Mereni aerodynamického tresku/. 09 p1440 A67-22467
- SULKIN, A. G.**
New apparatus for gamma flaw detection. 13 p2122 A67-26254
- SULLI, E.**
Clothing hygiene with particular reference to aerospace problems. I /L'igiene del vestiario con particolare riferimento ai problemi aerospaziali. I/. 06 p0954 A67-17998
- Clothing hygiene with stress on aerospace problems. II /L'igiene del vestiario con particolare riferimento ai problemi aerospaziali. II/. 12 p1902 A67-25176
- Clothing hygiene with particular reference to aerospace problems. III /L'igiene del vestiario con particolare riferimento ai problemi aerospaziali. III/. 16 p2619 A67-31476
- SULLINGS, F. J.**
Automatic landing systems for all-weather operation by civil transport aircraft. [AIAA PAPER 67-757] 23 p4025 A67-40990
- SULLIVAN, C. E.**
Small liquid propulsion systems testing in a space environment simulator. 13 p2089 A67-26840
- SULLIVAN, C. P.**
Some microstructural observations on the deformation and fracture characteristics of a nickel-base alloy in static creep. 06 p1015 A67-17809
- Some effects of microstructure on the mechanical properties of nickel-base superalloys. 08 p1340 A67-20362
- The effect of superimposed fatigue on the creep behavior of the nickel-base alloy Udmet 700. 11 p1806 A67-24364
- The effect of temperature on the low-cycle fatigue behavior of Udmet 700. 16 p2693 A67-31870
- A review of some microstructural aspects of fracture in crystalline materials. 23 p4019 A67-41033
- SULLIVAN, D. B.**
Energy-gap measurements in type-II superconductors by a new method. 07 p1233 A67-19843
- SULLIVAN, E. C.**
K-shell photoelectric cross sections for the Fermi-Thomas potential from 300 kev to 1.3 Mev. 04 p0661 A67-15763
- Excitation of atomic hydrogen by protons. 20 p3491 A67-37686
- SULLIVAN, G. F.**
Temperature-dependent Nd fluorescence parameters and laser thresholds. 01 p0091 A67-11085
- SULLIVAN, J. J.**
Radiation monitoring with nuclear emulsions on mission Gemini IV and V. 07 p1244 A67-19855
- SULLIVAN, J. M.**
Kinetics of the gas phase pyrolysis of tetranitromethane. 01 p0019 A67-10765
- SULLIVAN, J. O.**
Reactions of super 1 D oxygen atoms. III. 09 p1457 A67-22025
- SULLIVAN, K. W.**
Characteristics of precipitated electrons inferred from ionospheric forward scatter. 03 p0410 A67-12957
- SULLIVAN, P.**
Thrust vector controls for solid rockets. 15 p2545 A67-29136
- SULLIVAN, R.**
Fluid power and control. 22 p3749 A67-40341
- SULLIVAN, R. J.**
A new technique for helicopter rotor blade service life substantiation. 10 p1622 A67-23431
- The dollar value of empty-weight control in helicopters. 16 p2783 A67-31828
- Evaluation of an ion propulsion system for a synchronous spacecraft mission. [AIAA PAPER 67-720] 21 p3694 A67-38746
- Hot cycle rotor/wing for high speed city center transportation. [AIAA PAPER 67-770] 24 p4095 A67-42938
- SULLIVAN, T.**
Absolute frequency measurement and spectroscopy of gas laser transitions in the far infrared. 11 p1802 A67-24830
- SULLIVAN, T. L.**
Continuity gage measurement of crack growth on flat and curved surfaces at cryogenic temperatures. 01 p0102 A67-11028
- Texture strengthening and fracture toughness of 4Al-0.2 and 5Al-2.5Sn ELI titanium sheet biaxial stress fields at room and cryogenic temperatures. 13 p2142 A67-27442
- SULLIVAN, W. N.**
Radar observations of insects in free flight. [AFRL-67-0127] 03 p0371 A67-13916
- SULLIVAN, W. P.**
Experimental investigation of the nighttime E region. 10 p1648 A67-23289
- SULLIVAN, W. R.**
Ordnance devices and systems. 04 p0557 A67-15734
- SULMONT, M.-C.**
Vacuum Uv study of the spectrum of Mg III-eXTENDED to Mg IV /Etude dans l'ultraviolet du vide du spectre de Mg III - Complementes de Mg IV/. 14 p2351 A67-28944
- SULMONT, P.**
Application of the conformal transformation to analogous study of the heating of reentry bodies /Application de la transformation conforme a l'etude analogique de l'echauffement des corps de rentrée/. 01 p0167 A67-11015
- SULTANOV, I. S.**
Silicon devices with negative resistance /K voprosu o kremlevykh priborakh s otritsatel'nyy soprotivleniem/. 11 p1768 A67-24859
- SULTANOV, M. A.**
Interaction of supersonic jets under pulse conditions. 09 p1544 A67-21855
- The mechanism of the electrode erosion produced by supersonic flares in a pulse discharge. 16 p2724 A67-31775
- SULWAY, D. V.**
The scanning electron microscope as a means of investigating "second breakdown" and similar phenomena. 02 p0222 A67-12653
- Quantitative measurements by scanning electron microscopy. I. 04 p0584 A67-15483
- Quantitative measurements by scanning electron microscopy. II. 04 p0584 A67-15484
- Localized breakdown in Ge mesa diodes due to inclusions. 04 p0584 A67-15486
- Failure analysis of microcircuitry by scanning electron microscopy. 09 p1473 A67-22017
- SUMAROKOV, V. N.**
Plasma studies in a magnetic trap with opposite fields /Issledovanie plazmy v magnitnoi lovushke so vstrechnymi pollami/. 04 p0687 A67-15211
- Study of plasma in a cusp. 15 p2532 A67-30259
- SUMERLIN, W. T.**
Winning reliability management techniques - Vintage 1966. 09 p1582 A67-22288
- SUMI, M.**
Traveling-wave amplification by drifting carriers in semiconductors. 01 p0132 A67-10377
- Traveling-wave amplification by drifting carriers in semiconductors. 17 p2828 A67-32656
- SUMI, S.**
Mechanical analog procedure for solution of the the plane thermoelastic problem. 05 p0917 A67-16417
- SUMIN, V. S.**
Automatic and semiautomatic devices for measuring the scintillation of stars from their traces /Avtomaticheskii i poluavtomaticheskii pribory dlia izmereniia drozhaniiya zvezd po ikh sledam/. 02 p0242 A67-11994
- SUMMERFELT, W. A.**
Gemini incentive program model. [AAS PAPER 66-157] 08 p1430 A67-20974
- SUMMERFIELD, M.**
The ignition transient in solid propellant rocket motors. 05 p0873 A67-16513
- Interrelations between combustion phenomena and mechanical properties in solid propellant rocket motors. 08 p1374 A67-20876
- Non-steady burning phenomena of solid propellants - Theory and experiments. 15 p2580 A67-29984
- A critical analysis of arc image ignition of solid propellants. 15 p2581 A67-29987
- SUMMERS, A. L.**
On the thermal history of the moon. 14 p2390 A67-28888
- On conditions near the neutral points on the magnetosphere boundary. 17 p2853 A67-33252
- SUMMERS, C. J.**
Zeeman effect of acceptor states in semiconducting diamond. 06 p1062 A67-18927
- Faraday rotation in indium arsenide. 22 p3863 A67-40204
- SUMMERS, J. G.**
Metal-gallium arsenide diodes as mixers. 10 p1615 A67-23528
- Trends in gallium arsenide varactor diodes. 10 p1615 A67-23529
- SUMMERS, J. L.**
Evaluation of the impact performance of realistic space structures. 04 p0705 A67-15001
- SUMMERS, L. G.**
Human performance in single and two-axis tracking systems. 17 p2808 A67-33178
- SUMMIT, R. K.**
DIALOG. 17 p2819 A67-32468
- SUMNER, E. V.**
The effect of residual stress and cold work on the load deformation curve of aluminum matrix steel fiber composites. 03 p0444 A67-13432
- SUMNER, G.**
Brittle behavior in extruded beryllium tubes. 03 p0445 A67-13470
- SUMSION, H. T.**
Effect of high vacuum on the fatigue properties of magnesium and two magnesium alloys. 24 p4172 A67-42037
- SUN, C. L.**
Vibrations of thin conical shells subjected to sudden heating. 06 p1100 A67-18000
- SUN, C. N.**
Origin of round-body structures in the Orgueil meteorite. 24 p4113 A67-42455
- SUN, C. T.**
Propagation of waves from a spherical surface of time-dependent radius. 11 p1871 A67-23964
- SUN, C.-T.**
Effect of elastic case on stability of radial modes in solid propellant rockets. [AIAA PAPER 66-473] 07 p1240 A67-19370
- SUN, E. Y. C.**
Comparison of the treatment of the thickness problem of a delta wing with sonic leading edges and the theory of transonic flow /Vergleich der Behandlung des Dickenproblems eines Deltaflugels mit Schallvorderkanten mit der Theorie der schallnahen Stromung/. 13 p2049 A67-28646
- SUN, F. T.**
Some analytical characteristics of the optimum two-impulse orbital transfer under arbitrary terminal conditions. 19 p3329 A67-35979
- SUN, K. H.**
Thermoluminescence of the moon. 01 p0146 A67-10249
- An attempt to measure the temperature of a laser-produced plasma using neutron-detection technique. 23 p4031 A67-40892
- SUN, T.-F.**
Effect of transverse curvature on axisymmetric compressible laminar boundary layer. 05 p0791 A67-16509
- The effect of transverse curvature on the axisymmetric compressible laminar boundary layer. 16 p2682 A67-31600
- SUN, Y. C.**
Observations on low aspect ratio wings at high incidence. 10 p1593 A67-23549
- SUN, Y. H.**
A simplified flow-field analysis of a two-

- dimensional or axisymmetric supersonic combustor. [AIAA PAPER 67-494] 18 p2983 A67-33958
- SUNAGA, T.
Considerations on the elasto-plastic theory by the concept of slipp. 05 p0918 A67-16424
- SUNAHARA, Y.
A study on statistical synthesis of optimal final-value control system under random environments. 05 p0783 A67-16442
Statistical analysis of control systems having random characteristics. 05 p0783 A67-16443
On the gain adjustment of nonlinear time-variant control systems with random inputs. 05 p0783 A67-16444
On the dynamic optimization of a relay servosystem by the method of perturbation. 05 p0783 A67-16445
- SUNAKAWA, M.
Non-linear free flexural vibration of heated plates with initial deflection. 10 p1715 A67-22825
- SUNCHELEV, R. IA.
Dynamic problems for a transversal-isotropic cylinder /Dinamicheskie zadachi dlia transversal'noizotropnogo uprugogo tsilindra/. 02 p0338 A67-11968
Solution of the main boundary-value problems for a transversely isotropic layer /Reshenie osnovnykh kraevykh zadach dlia transversal'no-izotropnogo uprugogo sloia/. 03 p0529 A67-14165
Some boundary value problems in the theory of elasticity for a transversely isotropic cylinder /Nekotorye kraevye zadachi teorii uprugosti dlia transversal'no izotropnogo tsilindra/. 06 p1099 A67-17864
The elastic equilibrium of an infinite, transversely isotropic body, weakened by an internal flat circular cut. 11 p1876 A67-24681
Dynamic problems for a transversely isotropic elastic cylinder. 17 p2966 A67-33285
- SUNDARA RAJA IYENGAR, K. T.
Large deflections of rectangular plates. 04 p0707 A67-14445
Clamped skew plate under uniform normal loading. 09 p1575 A67-22165
- SUNDARA, RAJA IYENGAR, K. T.
Comparison of elasticity and shell theory solutions for long circular cylindrical shells. 04 p0709 A67-14811
- SUNDBERG, W. D.
Calculations of the aeroelastic bending of a sounding rocket based on flight data. 08 p1416 A67-20534
Calculated aeroelastic bending of a sounding rocket based on flight data. 24 p4242 A67-42912
- SUNDERLAND, R. J.
An investigation of magnetically induced ionization in rare gas mixtures. 16 p2711 A67-30542
- SUNDERLIN, W. S.
The ATS-1 spin scan camera experiment. 20 p3446 A67-36610
The spin scan camera system on application technology satellite. 24 p4156 A67-42405
- SUNDERRAJAN, R.
High energy neutrons from the sun. 06 p1076 A67-17602
- SUNDQVIST, A. B.
Changes of elastic properties of lungs of rabbits in air blast injury. 03 p0364 A67-14292
- SUNDRESH, T. S.
Reverse transient in p-n-p-n triodes. 21 p3598 A67-38573
- SUNGA, FE. C. A.
Microorganism shedding by human beings. 20 p3374 A67-36803
- SUNGUROVA, O. A.
Continuous coherent radiation of epitaxial GaAs diodes at a temperature of 77 deg K /Nepriyryvnoe kogherentnoe izluchenie epitaksial'nykh diodov iz GaAs pri temperature 77 deg K/. 01 p0090 A67-10548
Continuous coherent radiation of epitaxial diodes of GaAs at 77 deg K. 01 p0091 A67-11056
- SUNKA, P.
The buildup of a beam-generated plasma in a mirror machine. 14 p2352 A67-27749
- SUNYACH, M.
Study of a plane jet /Etude d'un jet plan/. 12 p1891 A67-25142
Wall jet /Jet parietal/. 13 p2049 A67-26590
- SUOMI, V. E.
The "chirp" digital radiosonde. 10 p1655 A67-22823

- SUPPLE, R. W.
Spectrophotometer for continuous measurement in vacuum systems of polyphenyl diffusion pump fluid film thickness. 23 p4004 A67-41358
- SUPRUNENKO, V. A.
Determination of the electron temperature of a plasma by the soft X-ray bremsstrahlung. 02 p0274 A67-12461
Investigation of fast ions produced in the interaction between escaping electrons and a plasma /Doslidzhennia shvidkikh ioniv, iaki vinkalut' pri vzaemodii tikaluchikh elektroniv z plazmoiu/. 13 p2164 A67-26402
Measurement of the gas kinetic pressure of the plasma in a paramagnetic current column from the diamagnetic effect /Izmerenie gazokineticheskogo davleniia plazmy paramagnitnogo tokovogo shnura po diamagnitnomu efektu/. 16 p2718 A67-31188
- SURAMLISHVILI, G. I.
Interaction between photons in a plasma /O vzaemodistvii fotonov v plazme/. 02 p0272 A67-11583
Wave kinetics in an anisotropic plasma. 21 p3667 A67-38372
- SURDO, C. L.
Current and potential distribution in a Faraday-type segmented electrode generator. 16 p2599 A67-30530
- SUREAU, J.-C.
Control of radar site environment by use of fences. 03 p0396 A67-13853
Propagation constants of leaky-wave antenna for near end-fire radiation. 11 p1763 A67-24296
Reduction of scattering cross section of dielectric cylinder by metallic core loading. 23 p3979 A67-40830
- SURIN, IU. V.
Contactless method for measuring the specific resistance of semiconductor plates and epitaxial layers. 11 p1792 A67-24812
- SURINOV, IU. A.
Theory of radiation transport and radiative heat transfer in an absorbing and scattering medium /K teorii perenosa izlucheniia i luchistogo teploobmena v pogloshchalushcheli i rasseivalushcheli srede/. 06 p1118 A67-18552
Application of a new method of calculating local radiation characteristics to a numerical solution of some specific problems of radiative heat transfer /Primenenie novogo metoda rascheta lokal'nykh kharakteristik izlucheniia k chislennomu resheniiu nekotorykh konkretnykh zadach o luchistom teploobmene/. 19 p3347 A67-35898
Determination of the absorptivity of a medium /K opredeleniiu pogloshchatei'noi sposobnosti srede/. 23 p4083 A67-41288
- SURIS, R. A.
Certain properties of superconducting compounds of the V sub 3 Si type /O nekotorykh svoistvakh sverkhprovodilashchikh soedinenii tipa V sub 3 Si/. 08 p1369 A67-20990
Measuring the specific resistance of plates and epitaxial layers by the opposing probe method. 11 p1792 A67-24813
- SURKIN, R. G.
Experimental study of the dynamic stability of spherical segments /Eksperimental'noe issledovanie dinamicheskoi ustoiichivosti sfericheskikh segmentov/. 22 p3910 A67-39456
- SURKOV, A. I.
Stress determination in complex thin-walled structures, using a photoelastic method. 09 p1575 A67-22169
- SURKOV, G. A.
Transient heat conduction in hollow spheres with a moving inner boundary. 04 p0726 A67-15594
Effect of axial heat flux on the temperature field of a hollow cylinder. 14 p2406 A67-28306
- SURKOV, IU. A.
Investigation of the intensity and spectral composition of the gamma-radiation of the moon by the Luna-10 automatic space station /Issledovanie intensivnosti i spektral'nogo sostava gamma-izlucheniia luny na avtomaticheskoi stantsii Luna-10/. 01 p0150 A67-10905
Preliminary results of measurements of gamma radiation from the lunar surface by the Luna 10 space vehicle /Predvaritel'nye rezul'taty izmerenii gamma-izlucheniia lunnoi poverkhnosti na kosmicheskoi stantsii "Luna-10"/. 05 p0887 A67-16055

- On the radioactivity of lunar rocks. 18 p3122 A67-34142
Gamma investigation of the moon and composition of the lunar rocks. 19 p3319 A67-35258
Measurements of gamma radiation of the lunar surface by the Luna-10 space station. 21 p3701 A67-37842
- SURKOVA, S. S.
Oxygen in silicon /Kislorod v kremnii/. 21 p3682 A67-38363
- SURKOVICH, A. M.
ICs help display lose weight and size. 14 p2288 A67-28769
- SUROVIKHIN, K. P.
Group classification by the Cartan of the equations of a one-dimensional gas flow method /O gruppovoi klassifikatsii metodom Kartana uravnenii odnomernogo techeniia gaza/. 04 p0611 A67-15982
Structural equations with intransitive groups for a general one-dimensional gas flow /Strukturnye uravneniia pri nalichii intranzitivnoi gruppy v sluchae obshchikh odnomernykh techenii gaza/. 09 p1487 A67-21912
Group classification of one-dimensional gas-flow equations by the Cartan method. 14 p2305 A67-28483
- SUROVOI, IU. N.
Determination of the thermodynamic activity of carbon in alloyed molybdenum carbide /Opredelenie termodinamicheskoi aktivnosti ugleroda v legirovannom karbide molibdena/. 24 p4171 A67-41962
- SURUGUE, J.
Prospects for electric propulsion in the near future /Perspectives offertes par la propulsion electrique dans un avenir rapproche/. 01 p0142 A67-11410
- SURYANARAYAN, E. R.
Intrinsic equations of rotational gas flows. 19 p3212 A67-35883
- SUSAKI, W.
Optical gain and losses of solution-grown diffused GaAs injection lasers. 01 p0138 A67-11072
Current dependence of junction temperature in C-W operated GaAs laser diodes. 21 p3639 A67-38256
Threshold current density in solution-grown GaAs laser diodes. 21 p3641 A67-38457
- SUSHCHIK, M. M.
Width of the angular and frequency spectrum of the emission of a laser with a nonlinear absorber /O shirine uglovogo i chastotnogo spektra izlucheniia okg s nelineinym poglotitelem/. 02 p0251 A67-11573
- SUSHKOV, A. D.
Investigation of electron guns with electron beam current control. 14 p2276 A67-27767
Analytical observation of electron bunching in a sweep klystron on the basis of a disk model of electron flow /Analiticheskoe issledovanie gruppirovaniia elektronov v proetnom klistrone na osnove diskovoi modeli elektronnoho potoka/. 18 p3010 A67-33501
- SUSHKOV, L. K.
Plasma flows emitted from the contact points of an arc /Potoki plazmy, iskhodilashchie iz opornykh tochek dugi/. 10 p1687 A67-23849
- SUSHKOV, V. P.
Minority-carrier mobility in degenerate gallium arsenide /O podvishnosti neosnovnykh nositelei v vyrozhdennom arsenide galliia/. 04 p0679 A67-15143
Mobility of minority carriers in degenerate gallium arsenide. 12 p1979 A67-25166
- SUSLOV, A. A.
Preliminary results of investigation of the nuclear component of cosmic rays by equipment carried by Electron 2. 02 p0310 A67-12583
Study of the temporal variations of the nuclear flux of primary cosmic radiation on the satellites Elektron 2 and 4 /Issledovanie vremennykh izmenenii potoka iader pervichnogo kosmicheskogo izlucheniia na sputnikakh Elektron-2 i Elektron-4/. 05 p0877 A67-16085
Effect of a decrease in the intensity of the cosmic-ray nuclear component during magnetic storms with sudden commencement /Effekt ponizheniia intensivnosti iadernoi komponenty kosmicheskikh luchei vo vremia magnitnykh bur' vnezapnym nachalom/. 13 p2194 A67-27332
Preferential acceleration of heavy nuclei

- on the sun /O prelmushchestvennom uskorenii tiazhelykh lader na sointse/. 13 p2195 A67-27341
- Case of heavy-nuclei generation on the sun /Sluchai generatsii tiazhelykh lader na sointse/. 21 p3898 A67-38595
- Modulating effects of the nuclear cosmic-ray component during minimum solar activity /Modulatsionnye efekty ladernoi komponenty kosmicheskikh luchei v minimume solnechnoi aktivnosti/. 23 p4055 A67-41104
- The case of the generation of heavy nuclei in solar cosmic rays /Sluchai generatsii tiazhelykh lader v solnechnykh kosmicheskikh luchakh/. 23 p4056 A67-41113
- Investigation of time variations of the flux of nuclei in primary cosmic radiation with the aid of Elektron II and Elektron IV. 24 p4212 A67-42761
- SUSLOV, A. K.
- New estimation for water content on Mars /Novaya otsenka kolichstva vody na Marse/. 06 p1084 A67-18167
- A new estimate for the amount of water on Mars. 16 p2742 A67-30511
- Review of optical studies of atmospheric oxygen /Obzor opticheskikh issledovaniy atmosfernogo kisloroda/. 19 p3214 A67-34857
- SUSLOV, G. P.
- Device for investigating the stability of a laser operating in the periodic mode /Ustanovka dlia issledovaniya stabil'nosti opticheskogo kvantovogo generatora, rabotalushchego v periodicheskom rezhime/. 20 p3460 A67-37149
- SUSSMAN, A.
- Space-charge-limited currents in copper phthalocyanine thin films. 18 p3104 A67-34626
- Electrical properties of copper phthalocyanine thin films as influenced by the ambient. 18 p3104 A67-34627
- SUSSMAN, D. L.
- Design maturity demonstration of the LEM rendezvous radar. 04 p0576 A67-15397
- Philosophy of environmental testing. 22 p3781 A67-40402
- SUSSMAN, J. M.
- Elastic stability of a simply supported plate under linearly variable compressive stresses. 15 p2577 A67-30218
- SUSSMAN, S. S.
- Working with cold-cathode amplifiers. 03 p0387 A67-14121
- SUTHERLAND, C. D.
- Optimization of a thermionic diode. 09 p1448 A67-22336
- SUTHERLAND, G. L.
- Simulation Using Digital Computers. 15 p2440 A67-30133
- SUTHERLAND, I. E.
- A shared memory computer display system. 03 p0375 A67-13633
- SUTHERLAND, J. W.
- A numerical trajectory optimization method suitable for a computer of limited memory. 01 p0046 A67-11205
- SUTHERLAND, R. J.
- Plans for handling people - Re-Giant jets. 22 p3780 A67-39382
- SUTINA, I. A.
- Self-diffusion of niobium in some of its alloys with tungsten /Samodiffuziya niobiya v nekotorykh ego splavakh s volframom/. 13 p2141 A67-27283
- SUTOVSKII, V. M.
- Feasibility of investigating a pinch discharge by using its intrinsic stimulated emission. 08 p1386 A67-21501
- SUTTER, J. F.
- The Boeing Model 747. [AIAA PAPER 66-821] 02 p0181 A67-12248
- The Boeing 747 - Taking aim on tomorrow's market. 20 p3361 A67-37443
- Boeing model 747. 21 p3568 A67-38542
- SUTTON, D.
- Composite solid propellant ignition - Ignition of ammonia and other fuels by perchloric acid vapor. 06 p1073 A67-18869
- Catalyzed ignition of composite propellant fuels by perchloric acid vapor. 23 p4048 A67-41761
- SUTTON, E. S.
- Designing propellants for gas generators. 15 p2544 A67-29980
- Improved solid propellants for moderate-temperature gas generators. 24 p4207 A67-42921
- SUTTON, G. H.
- Lunar surface mechanical properties - Surveyor 1. 08 p1386 A67-20942
- Surveyor seismograph experiment. 08 p1411 A67-20947
- Short-period seismic energy radiation patterns from underground nuclear explosions and small-magnitude earthquakes. [SR-1] 20 p3434 A67-37430
- SUTTON, G. W.
- Magnetohydrodynamic power generation. 01 p0013 A67-10556
- Synchronous rotation of a satellite at less than synchronous altitude. 10 p1712 A67-23148
- SUTTON, L. R.
- A theory for predicting the rotational noise of lifting rotors in forward flight, including a comparison with experiment. 06 p0945 A67-17909
- SUTTON, W. H.
- A review of the methods of measuring the strength of whiskers and their role in reinforcing ductile metal matrices. 01 p0163 A67-11152
- Factors affecting the tensile strength of metals reinforced with strong fibers. 03 p0442 A67-13311
- Review of current developments in new refractory fibers and their utilization as high temperature reinforcements. 03 p0452 A67-13406
- Fiber reinforced composite materials. 11 p1805 A67-24221
- SUTTON, W. W.
- Action of thyrocalcitonin in the teleost fish *Italus melas*. 20 p3372 A67-37277
- SUTTROP, F.
- Experiments in impact-induced combustion for use in hypersonic engines /Versuche zur stossinduzierten Verbrennung fuer die Anwendung in Hyperschalltriebwerken/. [DVL-601] 03 p0503 A67-13014
- SUVERNEV, V. G.
- Some oscillation problems of three-layer shells /Nekotorye zadachi kolebaniy trekhslonnykh obolochek/. 12 p2027 A67-25626
- SUVOROV, I. I.
- Meteor train drift /Dreif meteornykh sledov/. 13 p2197 A67-26505
- SUVOROV, V. S.
- Nonlinear optical materials /Nelineinye opticheskie materialy/. 01 p0115 A67-11011
- Nonlinear optical materials. 12 p1966 A67-25361
- SUZAKI, Y.
- Q-switched CO sub 2 laser and the detection with the pyroelectric thermal detector. 09 p1511 A67-21769
- SUZUKI, C.
- A method of calculation of scattered ultrasonic wave from the reflector. 03 p0369 A67-13551
- SUZUKI, H.
- Effects of the carbon content on the properties of WC-TiC-Co alloys. 06 p1017 A67-17968
- Electron affinity of semiconducting compound CdSe. 07 p1231 A67-19491
- SUZUKI, K.
- Linear theory of collision-induced instability of partially ionized gas in external magnetic field. 17 p2902 A67-32669
- SUZUKI, M.
- Imaging property of a gas lens. 09 p1498 A67-22083
- Fluctuation of optical path in a turbulent atmosphere. 18 p3000 A67-34025
- SUZUKI, S.-I.
- Dynamic elastic response of a ring to transient pressure loading. 04 p0718 A67-15921
- On the stress concentration in a ring under distributed impact loads along inner and outer edges. 05 p0918 A67-16420
- On the stress concentration of a hollow sphere under uniformly distributed impact loads along inner and outer surfaces. 13 p2215 A67-26526
- Stress analysis of a semi-infinite plate containing a reinforced notch under uniform tension. 17 p2961 A67-32777
- SUZUKI, T.
- Coherence of light from random medium. 01 p0115 A67-11062
- Speckled diffraction pattern and source effect on resolution limit in holography. 01 p0070 A67-11063
- Instabilities of semiconductor plasmas in crossed electric and magnetic fields. 04 p0674 A67-14612
- Principle and design of a Vernier FM radar system. 04 p0570 A67-14877
- Fidelity of strain pattern and measurement of strain distribution in a plate by using diffraction grating. 05 p0918 A67-16441
- Interferometric uses of optical fibers. 05 p0825 A67-16978
- Frequency response of photographic emulsion in holography. 07 p1186 A67-19493
- On the observation of solar flares with the monochromatic heliograph at Mitaka. 14 p2384 A67-28095
- SUZUKI, Y.
- A high resolution echelle monochromator and its application to ion temperature measurement of He plasma. 04 p0663 A67-14767
- SVACINKA, J.
- Pressurized breathing and autonomous regulation /Pretlakove dychani a autonomni regulace/. 14 p2257 A67-28225
- The excretion of neutral 17-ketosteroids 3-methoxy-4-hydroxyandelic acid, 3-methoxy-4-hydroxyphenyl-acetic acid and mucoproteins in urine during pressure breathing. 22 p3752 A67-40538
- SVARUP, P.
- Effect of jump-like motion of electrons on the EPR spectrum of phosphorus in strongly doped n-silicon /Vlianie pryzhkovogo dvizheniya elektronov na spektr EPR fosfora v sil'no legirovannom kremnii n-tipa/. 05 p0867 A67-17055
- SVATOS, J.
- Light scattering by flattened ellipsoids. 12 p1965 A67-25136
- SVECHNIKOV, A. M.
- Stability of reflections from the sporadic E layer and radio wave absorption during the solar cycle. 12 p1933 A67-25544
- Assembly for measuring radio-wave absorption in the ionosphere at five fixed frequencies /Ustanovka dlia izmereniya pogloshcheniya radiovoln v ionosfere na plati fiksvirovannykh chastotakh/. 21 p3586 A67-39044
- SVECHNIKOV, S. V.
- Determining the electron-hole pair energy in CdS and CdSe single crystals /Ob opredelenii energii pary elektron-dyrka v monokristallakh CdS i CdSe/. 03 p0490 A67-13155
- Determination of the energy of an electron-hole pair in CdS and CdSe single crystals. 10 p1690 A67-23103
- Measurement of the temperature-dependence of the mobility of carriers produced by X radiation in CdS single crystals /Izmerenie temperaturnoi zavisimosti podvizhnosti nositelei, sozdannykh rentgenovskim izlucheniem, v monokristallakh CdS/. 14 p2367 A67-28525
- Photoelectric functional converters as a promising trend in semiconductor electronics /optoelectronics/ /Fotoelektricheskie funktsional'nye preobrazovateli kak perspektivnoe napravlenie poluprovodnikovoi elektroniki /optoelektronika//. 18 p3008 A67-33468
- Measurement of the temperature dependence of the mobility of carriers generated by X-ray irradiation of CdS. 23 p4039 A67-40932
- SVEDA, J.
- Aerodynamic design of a highly efficient propeller blade /Aerodynamicky navrh vrtuloveho listu s vysokou ucinnosti/. 15 p2417 A67-30079
- SVELTO, O.
- Design characteristics and operation of a continuous neodymium laser /Caratteristiche di costruzione e funzionamento di un laser a neodimio in continua/. 09 p1516 A67-22665
- Self-locking of modes in a passive Q-switched laser. 13 p2126 A67-26727
- SVENDSEN, T. S.
- Making satellite structures from beryllium-lockalloy. 07 p1192 A67-20251
- SVERDLOV, A. I.
- Stability of a two-layer cylindrical shell under axial compression with transverse displacements taken into account /Ob ustoiichivosti dvukhsloinnoi tsilindricheskoi obolochki pri osevom szhatii s ucheto poperechnykh sdvigo/. 21 p3725 A67-38793
- Stability of a cylindrical panel with clamped lateral edges and a free longitudinal edge, under nonuniform longitudinal compression /Ustoiichivost' tsilindricheskoi paneli s zashchemlennymi poperechnymi kromkami i svobodnym prodol'nym kraem pri neravnomernom prodol'nom szhatii/. 21 p3726 A67-38796

SVERDLOV, B. D.
Input resistance of a microwave tetrode
/Vkhodnoe soprotivleniye tetroda na
svch/. 01 p0038 A67-10829

SVERDLOV, G. M.
Determination of the heat of fusion of
titanium /Opredeleniye teploty plavleniya
titana/. 10 p1670 A67-23640

SVERDLOV, I. A.
Strength calculations of aircraft /Raschet
samoleta na prochnost'/. 07 p1128 A67-19578

SVESHNIKOV, A. A.
Applied methods of the theory of random
functions. 08 p1347 A67-20756

SVESHNIKOV, A. G.
Method for studying irregular waveguides
with impedance boundary conditions /Metod
issledovaniya neregulyarnykh volnovodov s
impedansnymi granichnymi
usloviyami/. 24 p4120 A67-42159

SVESHNIKOVA, G. A.
Nickel-chromium alloys with
niobium. 06 p1018 A67-18230

SVETSKA, Z.
Type IV bursts. II. 03 p0507 A67-13812
Proton flares before
1956. 03 p0507 A67-13813
Type IV bursts. III. 12 p1992 A67-25129
On long-term forecasts of proton
flares. 19 p3313 A67-35261
Electron density in flares. 19 p3314 A67-35438
I. Electron density in flares. 19 p3314 A67-35439
II. 19 p3314 A67-35439

SVETLITSKII, V. A.
Determination of the maximum possible
reactions in dynamic systems subjected to
the action of modulus limited perturbations
/Opredeleniye maksimal'no vozmozhnykh
reaktsii v dinamicheskikh sistemakh
nakhodiaschikhslia pod vozdeystviem
vozmushchenii, ogranichennykh po
modulu/. 21 p3657 A67-37987

SVIADOSHCH, E. A.
Determination of the magnetic field of
spreading currents in media separated by
the surface of a spheroid /Opredeleniye
magnitnogo polia tokov rastekaniya v
sredakh, razdelennykh poverkhnost'yu
sferoida/. 18 p3079 A67-34035

SVIATOGOROV, A. A.
Aerodynamic characteristics of plane
compressor cascades at high subsonic
velocity /Aerodinamicheskie kharakteristiki
ploskikh kompressornykh reshetok pri
bol'shoi dozvuikovoi
skorosti/. 20 p3358 A67-37079

Correlation of the results of a study of
plane compressor cascades at subsonic
velocity /Obobshcheniye rezul'tatov
issledovaniya ploskikh kompressornykh
reshetok pri dozvuikovoi
skorosti/. 20 p3358 A67-37080

SVIDSKII, P. M.
Investigation of radiation intensity in the
radiation belts of the earth by means of the
artificial earth satellite
"Cosmos-17." 11 p1856 A67-24074
Registration of cosmic rays on the
artificial earth satellite
"Cosmos-17." 11 p1856 A67-24075

SVIDZINSKII, A. V.
Contribution to the theory of tunneling in
superconductors. 09 p1555 A67-22071
Local approximation in the
electrodynamics of London superconductors
/Lokal'noe priblizheniye v elektrodinamike
Londonovskikh
sverkhprovodnikov/. 09 p1555 A67-22221

Hydrodynamic equations in the theory of
superconductivity /Gidrodinamicheskie
uravneniya v teorii
sverkhprovodimosti/. 15 p2540 A67-30004
The hydrodynamic equations in the theory
of superconductivity. 18 p3100 A67-33762
Local approximation in the
electrodynamics of London
superconductors. 18 p3100 A67-33765

SVILANS, M. P.
Distortion of the envelope of an
amplitude-modulated signal in a selective
high frequency channel /Iskazheniye
ogibaushchei amplitudno-modulirovannogo
signala v izbratel'nom vysokochastotnom
trakte/. 01 p0020 A67-10200

SVIRCHEVSKY, I. M.
Phosphate glasses - New laser materials
/Les verres phosphates - Nouveaux
matériaux laser/. 13 p2128 A67-27229

SVIREZHEV, I. U. M.
Contribution to the theory of phugoid

motions /K teorii
dvizhenii/. 05 p0847 A67-17009
On the theory of
motions. 18 p3079 A67-34272

SVIRIDENKOV, E. A.
Frequency doubling of light in
ruby. 08 p1336 A67-20316

SVIRSKII, M. S.
Exchange interaction in rare-earth metals
and alloys. 16 p2733 A67-31730

SVISHCHEV, G. P.
Supersonic gas flows in perforated
boundaries /Sverkhzvukovye techeniya gaza v
perforirovannykh
granitsakh/. 17 p2789 A67-32019

SVISTUNOV, V. M.
Observation of Josephson generation in a
Pb-I-Pb tunnel junction. 21 p3677 A67-38096

SVISTUNOVA, K. I.
Effect of intrinsic acceptors on the
electron processes in gallium antimonide
/Vliyanie prirodnnykh
elektronnye protsessy
v antimonide
gallia/. 10 p1694 A67-23651

Nature of stimulated emission in gallium-
antimonide injection lasers /O prirode
stimulirovannoi emissii
inzhekttsionnykh
lazerov iz antimonida
gallia/. 10 p1667 A67-23665

Influence of residual acceptors on
electronic processes in gallium
antimonide. 17 p2923 A67-33332

Nature of the stimulated emission of
gallium antimonide injection
lasers. 17 p2870 A67-33346

SVITASHEV, K. K.
Measurement of the Hall photo-EMF on
thin germanium samples /Izmereniya fotoeds
Kholla na tonkikh
obraztsakh
germaniya/. 14 p2368 A67-28529

Measurements of the Hall photo-EMF in
thin samples of
germanium. 23 p4039 A67-40936

SVOB, L.
Solubility and diffusion coefficient of
sodium and potassium in
silicon. 23 p4037 A67-40721

SVOBODA, A.
Ordering of implicants. 09 p1470 A67-22669

SWAIM, R. L.
Controlling dynamic response in rough air.
[AIAA PAPER 66-997] 03 p0362 A67-14146

SWAIN, L. R., JR.
High-power semiconductor-magnetic pulse
generators. 09 p1482 A67-22698

SWAIN, W. B.
Alumina bearings in gas-lubricated
gyros. 10 p1673 A67-23747

SWAMI, M. S.
Determination of the flux of primary
cosmic ray hydrogen and helium nuclei near
the geomagnetic equator using nuclear
emulsions. III. 10 p1703 A67-23543

SWAMY, K. S. K.
Unified model for interstellar extinction
and polarization. 09 p1569 A67-22439

SWAN, C. B.
Continuous oscillations at millimeter
wavelengths with silicon avalanche
diodes. 24 p4133 A67-42815

SWANENBURG, B. N.
Balloon observation of the X-ray sources
in the Cygnus region in the energy range
20-130 kev. 08 p1377 A67-21252

SWANSON, A. C.
Enthalpies of formation and bond energies
of some fluoramines. 23 p3971 A67-40975

SWANSON, B. W.
Studies of highly radiative plasmas using
the wall-stabilized pulsed arc discharge.
[AIAA PAPER 66-184] 01 p0125 A67-11160

SWANSON, D. G.
Hot plasma in a cylindrical
waveguide. 11 p1828 A67-23874

High power microwave emission from a
plasma discharge. 19 p3291 A67-35386

Quasi-static ion cyclotron
waves. 21 p3661 A67-37750

SWANSON, L.
Radioisotopic color scanning of pulmonary
aeroemboli in experimental decompression
sickness - Dysbarism. 23 p3956 A67-41626

SWANSON, L. W.
Energy exchanges attending field electron
emission. 03 p0472 A67-13329

SWANSON, S. R.
Crack propagation in clad 7079-T6
aluminum alloy sheet under constant and
random amplitude fatigue
loading. 24 p4170 A67-41949

SWART, H.
Fuels for space travel /Brennstoffelemente
fuer die Raumfahrt/. 01 p0014 A67-10639

Some problems of radiation protection
during space flights. I /Ueber einige
Probleme des Strahlenschutzes bei
kosmischen Fluegen. I/. 03 p0365 A67-13539

Some problems of radiation protection
during space flights. II /Ueber einige
Probleme des Strahlenschutzes bei
kosmischen Fluegen. II/. 16 p2738 A67-31197

Some problems of protection from
radiation during space flights. III /Ueber
einige Probleme des Strahlenschutzes bei
kosmischen Fluegen. III/. 22 p3754 A67-39286

SWARTHOUT, D. G.
Constitution of a portion of the
niobium/columbium-nitrogen
system. 14 p2337 A67-28419

SWARTZ, G. A.
Coherent microwave emission from
indium-antimonide
structures. 01 p0131 A67-10371

Microwave power coupling to the helicon
mode in indium
antimonide. 12 p1986 A67-26160

Two-stream instability in semiconductor
plasmas. 17 p2921 A67-33052

SWARTZ, J.
Hypergeometric and spheroidal wave
nonuniform RC lines. 19 p3190 A67-34840

SWARTZ, M.
Newly identified resonance lines of Ni
XIX, Cu XX and Zn XXI. 14 p2389 A67-28840
Observation of the solar flare X-ray
emission line spectrum of iron from 1.3 to
20 angstrom units. 20 p3519 A67-37396

Vacuum ultraviolet
source. 23 p4000 A67-41214

SWARTZ, P. S.
Studies of surface transport currents in
type-II superconductors - A surface-flux-
pinning model. 14 p2370 A67-28718

Asymmetries of the critical surface
current in type-II
superconductors. 14 p2370 A67-28719

SWARTZTRAUBER, P. N.
The computation of the magnetic field of
any axisymmetric current distribution - With
magnetospheric
applications. 04 p0617 A67-15535

Relaxation effects in an initially non-
Maxwellian high-temperature
theta-pinch. 13 p2163 A67-26288

SWARUP, G.
Radio observations of the quiet sun at 49
cm. 04 p0694 A67-14486

SWARUP, P.
Influence of the hopping motion of
electrons on the EPR spectrum of
phosphorus in heavily doped n-type
silicon. 15 p2538 A67-29786

SWATON, L. E.
Supplier control and
reliability. 15 p2584 A67-30407

SWEARINGEN, J. J.
An evaluation of potential decompression
hazards in small pressurized
aircraft. 23 p3965 A67-41575

Evaluation of potential decompression
hazards in small pressurized
aircraft. 23 p3970 A67-41693

SWEARINGEN, T. B.
Prediction of wall temperatures for
internal laminar heat
transfer. 04 p0721 A67-14646

SWEARINGEN, B. A.
Nontronics NDC-1051
computer. 08 p1296 A67-20625

SWEDLOW, J. L.
The association between crack-opening
displacement and fracture
toughness. 10 p1718 A67-23172

Elasto-plastic stresses and strains in
cracked plates. 16 p2769 A67-31287

Further comment on the association
between crack opening and G sub
I. 22 p3911 A67-39681

SWEENEY, J. S.
An experimental investigation of radar
target designation
tracking. 17 p2830 A67-33181

SWEENEY, W.
Polyimide fibers. 21 p3648 A67-37874

SWEET, A. L.
Hysteresis loop measurement during
fatigue testing at 30 Hz. 23 p4078 A67-41227

SWEET, P. A.
Note on the dissipation of magnetic fields
at neutral lines. 11 p1862 A67-24498

- SWEET, R. J.**
Mechanisms of ionizing radiation surface effects on transistors. 04 p0588 A67-15707
- SWEET, R. M.**
Fiber optics television system. 20 p3445 A67-36554
- SWEETMAN, D. R.**
Radial distribution of plasma formed in simple mirror machines by field ionization of fast neutral atoms. 04 p0671 A67-15644
Energy spreading and stabilization of plasma by applying a high-frequency electric field. 16 p2714 A67-30873
- SWENSON, B. L.**
Lifting entry vehicles for future space missions. [AIAA PAPER 66-956] 03 p0520 A67-14140
Lifting entry vehicles for future space missions. 09 p1572 A67-22671
- SWENSON, G. W., JR.**
The Illinois 400-foot radio telescope - Performance and electronic equipment. 09 p1486 A67-22443
The correlator array. 14 p2285 A67-28436
F-region irregularities studied by scintillation of signals. [AGARDOGRAPH 95] 15 p2481 A67-30285
- SWENSSON, J. W.**
On forbidden Ni lines in the Fraunhofer spectrum. 14 p2382 A67-27848
Nitrogen lines in the infrared Fraunhofer spectrum. [AFCLR-67-0479] 15 p2554 A67-29516
- SWERLING, P.**
Classes of signal processing procedures suggested by exact minimum mean square error procedures. 07 p1218 A67-20267
- SWERN, D.**
2-Oxazolidones. 23 p3971 A67-41041
- SWET, C. J.**
Line scan television for earth observation satellites. 02 p0335 A67-12398
- SWETS, J. A.**
Signal detection theory and psychophysics. 07 p1136 A67-19726
- SWEZ, J.**
Physical characteristics of the residual DNA in bacterial cells after degradation due to ionizing radiation. 06 p0953 A67-18774
DNA-agar annealing of residual DNA after degradation by ionizing. 11 p1746 A67-23919
- SWIATOSZ, E.**
Analysis of the dynamics of aircraft seats during crash landings. [ASME PAPER 66-WA/SAF-1] 04 p0551 A67-15329
- SWIDER, W.**
On the decay of the ionospheric airglow 6300 angstrom units line at night. 10 p1649 A67-23294
- SWIDER, W., JR.**
The role of nitric oxide in the sunrise E-region. 19 p3216 A67-35191
- SWIDERSKI, J.**
Measurements of the changes in the properties of semiconductor materials occurring in the course of technological processing /Pomlary zmian wlasciwosci materialow polprzewodnikowych zachodzacych w trakcie procesow technologicznych/. 23 p4043 A67-41364
- SWIFT, C. D.**
Spectral and location measurements of several cosmic X-ray sources including a variable source in Centaurus. 21 p3698 A67-38564
Proportional counters and electronic systems for observing cosmic X-rays. 23 p4001 A67-41222
- SWIFT, D. W.**
Possible consequences of the asymmetric development of the ring current belt. 16 p2666 A67-31403
The possible relationship between the auroral breakup and the interchange instability of the ring current. 20 p3431 A67-37096
- SWIFT, J.**
Strip transmission lines. 19 p3191 A67-34945
- SWIGER, J. M.**
Application of the theory of minimum-normed operators to optimum-control-system problems. 06 p0974 A67-17925
- SWIHART, J. M.**
Determining SST size. [SAE PAPER 670371] 18 p2985 A67-33569
The United States supersonic transport - A progress report. [AIAA PAPER 67-750] 23 p3933 A67-40984
Variable geometry in a supersonic transport aircraft. [SAE PAPER 670878] 24 p4094 A67-42012
- SWIHART, T. L.**
A modified Milne-Eddington curve of growth procedure. 22 p3896 A67-40528
- SWINDELL, C. L.**
Selective implementation of NASA's NPC 250-1. 09 p1582 A67-22292
- SWINGS, J. P.**
Forbidden nitrogen I lines in the infra-red solar spectrum. 17 p2948 A67-32819
Forbidden carbon I lines in the solar spectrum. 19 p3324 A67-35435
- SWINGS, P.**
Color phenomena on the moon /Les phenomenes colores sur la lune/. 08 p1396 A67-21165
- SWINK, J.**
Secondary task interference in the performance of tracking tasks. 13 p2061 A67-26491
- SWITHENBANK, J.**
Hypersonic air-breathing propulsion. 10 p1697 A67-22873
- SWITZKY, H.**
Utilization of an ultrasonic fatigue damage indicator for inspection and design. 01 p0165 A67-11362
- SWONGER, C. W.**
Application of image processing research to the retrieval of filmed data. 07 p1148 A67-19745
- SWORDER, D.**
Optimal Adaptive Control Systems. 21 p3603 A67-38266
- SYBERT, J. R.**
De Haas-Shubnikov oscillations in the Hall effect in arsenic. 16 p2727 A67-30820
- SYCHEV, V. V.**
On the theory of strong interaction of the boundary layer with an inviscid hypersonic flow. 01 p0053 A67-10983
On the theory of strong explosion in heat-conducting gas. 06 p0984 A67-18030
Certain problems of critical-point thermodynamics /O nekotorykh voprosakh termodinamiki kriticheskoi tochki/. 11 p1882 A67-24036
- SYCHRA, J.**
A contribution to the exploitation of the diagram of a radar antenna for meteorological measurements. 01 p0025 A67-10790
- SYDENHAM, P. H.**
An optical incremental shaft resolver using plastic radial gratings. 08 p1331 A67-20864
- SYKES, N. W.**
Hardware and equipment for fluidic systems. 17 p2802 A67-32229
- SYKES, R. A.**
Progress in radio measurement methods and standards. 05 p0804 A67-16008
- SYMM, G. T.**
Surface temperatures of two rubbing bodies. 21 p3638 A67-39091
- SYMMONDS, W. A.**
Design, mission and environmental considerations in the selection of materials for space. 15 p2502 A67-29539
- SYRBU, N. N.**
Energy band structure of crystals of groups IV, III-V, and II-VI and Mg sub 2 Si-type crystals /Energeticheskaya struktura zon kristallov grupp IV, III-V, II-VI i tipa Mg sub 2 Si/. 18 p3095 A67-33448
- SYRE, M.**
Open ways to certain new metals /Voies ouvertes a certains metaux nouveaux/. 06 p1017 A67-17994
- SYRKIN, I. A. K.**
Semiempirical description of the valence band of group IV elements in the method of equivalent orbits /Poluempiricheskoe opisanie valentnoi zony elementov IV gruppy v metode ekvivalentnykh orbit/. 15 p2541 A67-30237
- SYRKIN, L. N.**
Electromechanical hysteresis and relaxation effects in piezoelectric ceramics. 03 p0498 A67-13706
Effect of hydrostatic pressure and temperature on the characteristics of tunnel p-n junctions in GaAs /Vlianie vvestoronnogo davleniya i temperatury na kharakteristiki tunnel'nykh p-n-perekhodov v GaAs/. 09 p1554 A67-21977
Influence of uniform pressure and of temperature on the characteristics of p-n tunnel junctions in GaAs. 17 p2923 A67-33314
- SYROVATSKII, S. I.**
Dynamic dissipation of a magnetic field and particle acceleration. 01 p0146 A67-11277
Fundamental problems in cosmic ray astrophysics. 02 p0310 A67-12577
Relativistic electrons in Galaxy M82. 02 p0310 A67-12578
Dynamic dissipation of magnetic energy in the vicinity of a neutral magnetic field line. 03 p0470 A67-12940
Preliminary results of a study of the spatial rigidity distribution of cosmic-ray intensity by the SibIZMIR-AN-SSSR expedition in 1965 /Predvaritel'nye rezul'taty issledovaniia ekspeditsiei SibIZMIR AN SSSR v 1965 g. prostranstvenno-zhestkostnogo raspredeleniia intensivnosti kosmicheskikh luchei/. 05 p0881 A67-16124
Origin of cosmic rays. 05 p0882 A67-16362
Two-dimensional flows of an ideally conducting gas near the zero line of a magnetic field /Dvukhmernye techeniia ideal'no provodimchego gaza v okrestnosti nulevoi linii magnitnogo polia/. 14 p2363 A67-29076
The case of the generation of heavy nuclei in solar cosmic rays /Sluchai generatsii tiazhelykh iader v solnechnykh kosmicheskikh luchakh/. 23 p4056 A67-41113
Generation of fast particles under outer-space conditions /Generatsiia bystrykh chastits v kosmicheskikh usloviakh/. 23 p4057 A67-41114
- SYROVOI, V. A.**
Theory of electrostatic focusing of intense charged-particle beams /K teorii elektrostaticheskoi fokusirovki intensivnykh puchkov zarlzhennykh chastits/. 24 p4153 A67-41928
- SYSHCHIKOVA, M. P.**
Flow formation near a model in a shock tube /Formirovanie techeniia okolo modeli v udarnoi trube/. 16 p2592 A67-31102
Separation of a bow shock wave from a sphere in argon and nitrogen at small supersonic Mach numbers /Otkhod golovnoi udarnoi volny ot sfery v argone i azote pri mal'khykh sverkhzvukovykh chislakh Macha/. 16 p2592 A67-31103
Determination of flow parameters in a shock tube /Opredelenie parametrov potoka v udarnoi trube/. 16 p2659 A67-31104
Measurement of shock-wave velocities /Izmerenie skorosti udarnoi volny/. 16 p2673 A67-31106
- SYSOEV, A. A.**
Energy-mass analyzer for investigating pulsed ion flows /Energo-mass-analizator dlia issledovaniia impul'snykh potokov ionov/. 24 p4158 A67-42741
- SYSOEV, E. A.**
Device for measuring high-energy gamma quanta present in primary cosmic radiation /Pribor dlia izmereniia gamma-quantov vysokoi energii v sostave pervichnogo kosmicheskogo izlucheniia/. 09 p1497 A67-21899
- SYSOEV, L. A.**
Some peculiarities of the volt-ampere characteristics of thin CdS single crystals with non-ohmic contacts. 02 p0296 A67-11831
Dependence of current on time in the In-CdS-In system at various voltages /Zavisimost' sily toka ot vremeni v sisteme In-CdS-In pri razlichnykh napriazheniakh/. 03 p0490 A67-13157
Investigation of the charge that forms in cadmium sulfide crystals under the effect of an applied electric field /Issledovanie zariada, obrazulushchegosia v kristallakh sulfida kadmila pod deistviem prilozhennogo elektricheskogo polia/. 05 p0868 A67-17065
Dependence of current on time in the system In-CdS-In under various voltages. 10 p1690 A67-23105
Investigation of the charge formed in cadmium sulfide crystals under the action of an applied electric field. 15 p2538 A67-29796
- SYSOEVA, L. M.**
Mechanism of carrier scattering in germanium telluride. 01 p0129 A67-10097
Hall effect in semiconductors containing two species of current carriers /Effekt Kholla v poluprovodnikakh s dvumia sortami nositelei toka/. 03 p0489 A67-13148
Hall effect in semiconductors with two types of carrier. 10 p1689 A67-23097
- SYSONIUK, N. I.**
Silicon microdiode matrices /Kremnievye mikrodiodnye matritsy/. 22 p3769 A67-39580

T

SYTAIA, E. P.

Thermoelectronic properties of a pure and barium-film coated /111/ face of a tungsten single crystal /Termoelektronnyye svoystva chistoi i pokrytoy plenki barila grani /111/ monokristalla vol'frama/. 10 p1694 A67-23646

SYTINSKII, A. D.

Mechanism of the influence of solar activity on the earth's atmosphere and lithosphere. 13 p2111 A67-26556

SZABADOS, J.

On rational approximation. 14 p2345 A67-28939

SZABLEWSKI, W.

Observations concerning the Prandtl shear stress theory for free turbulence /Bemerkungen zu dem Prandtlischen Schubspannungsansatz fuer frele Turbulenz/. 16 p2657 A67-30857

SZABO, A.

Effects of saturable absorber lifetime on the performance of giant-pulse lasers. 06 p1011 A67-18148

Ground state ESR measurements of ruby during laser action. 15 p2497 A67-29389

Behavior of saturable-absorber giant-pulse lasers in the limit of large absorber cross section. 17 p2869 A67-33055

SZABO, I.

Travel time method - Pertinent problems in high-speed electronics /Methode du temps de vol - Quelques problemes d'electronique rapide qui la concernent/. 01 p0066 A67-10656

SZABO, J.

Classification of small amplitude waves, surfaces of weak discontinuity and shock waves in ideal magnetohydrodynamic media. 19 p3294 A67-35409

SZADECKY-KARDOSS, L.

Legal aspects of telecommunication and meteorological activity connected with space research. 12 p2042 A67-26142

SZADKOWSKI, J.

On the oscillatory character of a mechanical system with two degrees of freedom. 05 p0908 A67-16042

Generalization of certain criterion of oscillatory property for systems with n degrees of freedom. 07 p1224 A67-20103

SZASZ, S. E.

Adaptation of well logging methods to planetary exploration. 06 p1092 A67-19016

SZCZECINSKI, S.

Influence of the structure of an aircraft-engine turbine on the tip clearance of its blades /Wplyw konstrukcji turbiny silnika lotniczego na wartosc luzu wierzchołkowego jej lopatek/. 22 p3868 A67-39546

SZCZENIOWSKI, B.

Flow of gas through an annular duct of constant cross-section. 16 p2593 A67-31153

SZCZEPINSKI, W.

Plastic flow of axially-symmetric notched bars pulled in tension. 01 p0159 A67-10401

SZE, D. K.

Radiative transfer in an absorbing-scattering medium. 04 p0737 A67-15862

SZE, S. M.

Temperature dependence of avalanche multiplication in semiconductors. 01 p0132 A67-10374

Current transport in metal-semiconductor barriers. 03 p0494 A67-13476

Avalanche multiplication in Ge and GaAs p-n junctions. 06 p1065 A67-18954

Tunneling in metal-oxide-silicon structures. 19 p3308 A67-36045

SZEBEHELY, V.

On an irreversible dynamical system with two degrees of freedom - The restricted problem of three bodies. 06 p1081 A67-17779

Advantages of regularization in space dynamics. [AIAA PAPER 67-26] 06 p1087 A67-18464

Solution of the restricted problem of three bodies by power series. 08 p1396 A67-21181

Stability of the points of equilibrium in the restricted problem. 11 p1866 A67-24773

A class of E. Stroeberg's direct orbits in the restricted problem. 13 p2205 A67-27479

Selection of regularizing functions. 15 p2557 A67-29875

A family of retrograde orbits around the triangular equilibrium points. 15 p2557 A67-29876

Libration in the elliptic restricted problem of three bodies. 15 p2559 A67-30036

Advantages of regularization in space dynamics. [AIAA PAPER 67-26] 17 p2948 A67-33039

[AIAA PAPER 67-26] 17 p2948 A67-33039

[AIAA PAPER 67-26] 17 p2948 A67-33039

[AIAA PAPER 67-26] 17 p2948 A67-33039

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[AIAA PAPER 67-26] 17 p2948 A67-33039

[AIAA PAPER 67-26] 17 p2948 A67-33039

[AIAA PAPER 67-26] 17 p2948 A67-33039

- TAFRADZHEVA, B.**
Seasonal variations of long-wave absorption during night and morning hours /Vrkhу sezonnye izmeneniya na noschnata i utrinната absorbtсия na d'lgite vlni/. 04 p0617 A67-15571
- TAFRADZHEVA, B.**
Effect of the sporadic E sub s layer on nocturnal absorption in the ionosphere at 1.22 MHz /Einfluss der sporadischen E sub s-Schicht auf die naechtlіche Ionospharenabsorption der Frequenz 1,22 MHz/. 09 p1491 A67-21930
- TAFT, C. K.**
Design and development of a fluid state trigger element and bidirectional counter. 01 p0014 A67-11032
Design and development of a fluid state trigger element and bidirectional counter. 16 p2609 A67-31663
Optimum nonuniform error quantizers for feedback control systems. 17 p2829 A67-32016
A fluidic actuator for direct digital control. 23 p3942 A67-41710
- TAGANOV, G. I.**
Supersonic gas flows in perforated boundaries /Sverkhzvukovye techeniya gaza v perforirovannykh granitsakh/. 17 p2789 A67-32019
- TAGASHIRA, H.**
A consideration of the statistics of the photon secondary effect at the cathode. 19 p3265 A67-35087
- TAGER, A. S.**
The avalanche transit-time diode - A new semiconductor microwave device /Lavinnno-proletnyi diod - Novyi poluprovodnikoviy SVCh-pribor/. 04 p0583 A67-15154
Avalanche-drift diode and its use in microwave technology /Lavinnno-proletnyi diod i ego primenenіe v tekhnike SVCh/. 06 p0970 A67-18169
The avalanche transit-time diode - A new semiconductor microwave device. 15 p2443 A67-29341
The avalanche-transit diode and its use in microwaves. 20 p3404 A67-37592
- TAGGART, R.**
Electron-microscopy studies of transformations in a Ti-V alloy. 14 p2338 A67-28423
- TAGIEV, B. G.**
Electrical conductivity of p-GaSe single crystals in strong electric fields. 04 p0676 A67-14929
Electric conductivity studies of p-GaTe polycrystals and single crystals in strong electric fields. 14 p2375 A67-29085
- TAGIEV, I. G.**
Solution of certain problems of the theory of shells of variable curvature /O reshenii nekotorykh zadach teorii obolochek peremennoi krivizny/. 12 p2021 A67-25577
Solution of boundary-value problems in the theory of arbitrary shallow cylindrical shells by the small-parameter method /Reshenie kraevykh zadach teorii proizvol'nykh pologikh tsilindricheskikh obolochek metodom malogo parametra/. 14 p2395 A67-27837
An approximate method of solving boundary-value problems of shallow shells of variable thickness and curvature /Ob odnom priblizhennom metode resheniya granichnykh zadach pologikh obolochek peremennoi tolshchiny i krivizny/. 21 p3718 A67-37983
- TAGIROV, R. K.**
Experimental investigation of the influence of the specific heat ratio on the base pressure behind a circular projection /Eksperimental'noe issledovanie vliyanіa otnosheniya teploemkostei na donnoe davlenіe za kol'tsevyim ustupom/. 22 p3741 A67-40021
- TAGIROV, V. I.**
High-temperature inversion of the Hall coefficient in tellurium /O vysokotemperaturnoi inversii koeffitsienta Kholla v tellure/. 03 p0492 A67-13344
Inversion of the Hall coefficient of tellurium alloyed with thallium /Ob inversii koeffitsienta Kholla tellura, legirovannogo tallem/. 03 p0500 A67-14232
High-temperature inversion of the Hall coefficient in tellurium. 13 p2184 A67-27718
Investigation of the effect of a magnetic field on the Hall coefficient of p-type germanium-silicon single crystals containing up to 15 at. percent silicon /Issledovanie vliyanіa magnitnogo polya na koeffitsient
- Kholla v monokristallakh sistemy germanii-kremnii p-tipa, soderzhashchikh do 15 at. percent kremnіia/. 18 p3098 A67-33574
- TAGLIAFERRI, E.**
An estimate of the near-earth meteor flux. 19 p3319 A67-35217
- TAGLIAFERRI, G. L.**
On the variations in the relations of solar indices to E-and F-region character figures. 01 p0056 A67-10110
Solar X-ray emission by the satellite 1965-16D during the period from 8 April to 31 July 1965. 10 p1701 A67-23226
Atmospheric density measured by the attenuation of the solar X-rays monitored on the NRL 1965-16-D satellite. 11 p1857 A67-24605
Three solar X-ray events observed during the Quiet-Sun Year 1964. 12 p1999 A67-25836
Solar X-ray flux measured by the 1964-01-D solar radiation satellite during the I.Q.S.Y. 17 p2938 A67-33185
- TAGLIAFERRI, O.**
A tropospheric scatter test program. 02 p0202 A67-12126
- TAGUET, G.**
Contribution to the study of the ablation of some materials based on phenolic resins. [ONERA-TP-475] 14 p2404 A67-27896
- TAI, C. T.**
Progress in radio waves and transmission of information. 06 p0982 A67-18071
Present views on electrodynamics of moving media. 09 p1533 A67-22449
Time-dependent Green's function for a moving isotropic nondispersive medium. 15 p2509 A67-29199
- TAI, M. L.**
A steady process in the simplest model of an extremal system in the presence of noise /Ustanovivshisya protsess v protseste modeli ekstremal'noi sistemy pri nalichii pomekh/. 20 p3409 A67-37112
- TAIEB, C. C.**
Characteristics of precipitated electrons inferred from ionospheric forward scatter. 03 p0410 A67-12957
A study of sporadic E at high latitudes. 04 p0615 A67-14972
- TAIG, I. C.**
The computer in the stress and design offices. 13 p2074 A67-27191
- TAILLAND, A.**
Study of a plane jet /Etude d'un jet plan/. 12 p1891 A67-25142
Wall jet /Jet parietal/. 13 p2049 A67-26590
Wall jet /Jet parietal/. 16 p2662 A67-31470
- TAILLET, J.**
Influence of negative ions on high-frequency discharges at low pressure /Influence des ions negatifis sur les decharges haute frequence a basse pression/. 19 p3275 A67-35112
Resonant discharge /La decharge resonante/. 19 p3276 A67-35114
- TAIRA, S.**
X-ray investigation on fatigue of polycrystalline metals. 02 p0254 A67-11467
X-ray investigation on fatigue of metals. 16 p2774 A67-31322
- TAIROV, I. U. M.**
Investigation of p-n junctions prepared on a base of beryllium-doped silicon carbide /Issledovanie p-n-perekhodov, izgotovlennykh na osnove karbida kremnіia, legirovannogo berillem/. 14 p2367 A67-28524
Investigation of p-n junctions prepared from silicon carbide doped with beryllium. 23 p4039 A67-40931
- TAIROV, S. I.**
Investigation of the effect of a magnetic field on the Hall coefficient of p-type germanium-silicon single crystals containing up to 15 at. percent silicon /Issledovanie vliyanіa magnitnogo polya na koeffitsient Kholla v monokristallakh sistemy germanii-kremnii p-tipa, soderzhashchikh do 15 at. percent kremnіia/. 18 p3098 A67-33574
- TAIT, K. E.**
Further sampling interval criteria and their evaluation in discrete-continuous feedback control systems. 09 p1483 A67-22608
A determination of the errors in the state vector due to quantization in a hybrid control loop. 24 p4134 A67-42023
Sampling interval criteria with non-linear integrands and their evaluation in discrete-continuous feedback control systems. 24 p4134 A67-42024
- TAITEL, Y.**
Equilibrium temperatures of mass transfer cooled walls in high-speed flow of an absorbing-emitting gas. 04 p0737 A67-15864
Equilibrium temperatures in a boundary-layer flow over a flat plate of absorbing-emitting gas. [ASME PAPER 66-WA/HT-48] 04 p0739 A67-15940
- TAJIMA, K.**
The flow of conducting fluids in circular pipes with finite conductivity under uniform transverse magnetic fields. 10 p1687 A67-23833
- TAJIMA, Y. A.**
Characterization of volatilized species from solid propellants. 17 p2927 A67-33028
- TAJIRI, M.**
Propagation of hydromagnetic waves in collisionless plasma. II. 17 p2902 A67-32673
- TAKABATAKE, T.**
Diffusion of Li in InSb. 01 p0137 A67-11067
- TAKABAYASHI, M.**
Isolation in integrated circuits using preferential epitaxial growth technique. 12 p1918 A67-26217
- TAKACS, L.**
Combinatorial Methods in the Theory of Stochastic Processes. 19 p3250 A67-35572
- TAKACS, S.**
Formation of flow vortices in a hollow cylinder made of type II superconductor /Die einsteherung der Flusswirbel im Hohlzylinder aus Typ II-Supraleiter/. 09 p1482 A67-22662
Flux penetration in a type II superconductor /Der Flusseintritt in Supraleiter II. Art/. 20 p3508 A67-36426
- TAKAGI, K.**
Transient junction temperature rise and failure energy of transistors. 01 p0040 A67-11235
Transient junction temperature rise and second breakdown in transistors. 07 p1156 A67-19900
- TAKAGI, R.**
The lubrication of steel by electroplated gold. 19 p3237 A67-35837
Lubrication of bearing steels with electroplated gold under heavy loads. [ASLE PAPER 67-LC-16] 24 p4165 A67-42750
- TAKAGI, T.**
Experimental and calculated results of supersonic flutter characteristics of low aspect-ratio flat-plate surfaces. 08 p1416 A67-20530
Properties of breakdown and switching in CdS single crystals. 11 p1847 A67-24729
Conditions for space-charge-wave growth and differential negative resistance in "two-valley" semiconductors. 15 p2442 A67-29179
Results of supersonic flutter characteristics of low aspect-ratio flat-plate surfaces. 19 p3343 A67-35775
Fundamental considerations for transistor oscillator design. 21 p3598 A67-38602
- TAKAGISHI, T.**
Filament winding structures under concentrated forces. 05 p0914 A67-16216
- TAKAHASHI, I.**
Generation of harmonics of the plasma waves excited near electron cyclotron harmonics. 06 p1046 A67-18831
- TAKAHASHI, K.**
Piezoresistive elements of germanium thin films. 05 p0871 A67-17481
Solar observation at 8.6, 4.3 and 3.2 millimetre waves with a 4.88 metre diameter telescope. 13 p2206 A67-27488
An investigation of solar emission at frequencies of 35, 70, and 94 Gc with a 4.88-metre diameter telescope. 14 p2388 A67-28834
- TAKAHASHI, T.**
Longitudinal magneto-optic effect in ferromagnetic thin films. II. 05 p0865 A67-16972
Behavior of slow electrons in atmospheric gases. III. 10 p1633 A67-23047
Effective cross sections for collision processes between molecular oxygen and slow electrons. 23 p4030 A67-41481
- TAKAHASHI, Y.**
Identification of dynamic systems by digital computer modeling in state space. [ASME PAPER 66-WA/AUT-10] 04 p0593 A67-15418
Component parameter identification. 16 p2647 A67-31649
- TAKAHASHI, T.**
Large amplitude variations of the intensity of oxygen 5577 angstrom units emission in the night airglow and the structure of lower thermosphere. 10 p1634 A67-23051

TAKAI, M.

Self-absorption of radiation in a high-temperature plasma jet. 05 p0851 A67-16522

TAKAKUBO, K.

Computer analysis of observed distributions into Gaussian components. 06 p0965 A67-18069

TAKAKURA, T.

Energy distribution of electrons producing microwave impulsive bursts and X-ray bursts from the sun. 01 p0145 A67-11145

Measurements of LF and MF radio noises in the ionosphere and galactic emission. 05 p0898 A67-16867
Theory of solar bursts. 17 p2939 A67-33391

TAKAMI, A.

The steady slow motion of a non-Newtonian liquid through a tapered tube. 14 p2294 A67-27822

TAKAMI, H.

Numerical studies of steady viscous flow about cylinders. 07 p1167 A67-19156

TAKAMI, K.

Q-switched CO sub 2 laser and the detection with the pyroelectric thermal detector. 09 p1511 A67-21769

TAKANASHI, R.

The linear servomotor - Study of the operating unit for servosystems moving rectilinearly. 08 p1286 A67-20992

TAKANO, M.

Behavior of a vibration of one degree of freedom under vibrating solid friction of high frequency. 14 p2348 A67-28257

TAKASHIMA, Y.

Heat transfer from a sphere to rarefied gas mixtures. 06 p1117 A67-18388

TAKATSUJI, M.

Q-switched CO sub 2 laser and the detection with the pyroelectric thermal detector. 09 p1511 A67-21769

TAKAYAMA, K.

Resonances of a radio frequency probe in a plasma. 04 p0663 A67-14614

Observation of an instability in a hot electron plasma. 04 p0663 A67-14621

Anomalous radio-frequency emission at electron cyclotron frequency in partially ionized plasmas. 05 p0854 A67-16895

Anomalous bremsstrahlung in partially ionized plasmas. 08 p1366 A67-21441

Amplification of radio-waves in partially ionized gases. 08 p1366 A67-21442

Quiescent DC discharge in cusp fields of TP-D machine. 19 p3274 A67-35104

Shell structure of a hot-electron plasma. 22 p3854 A67-40243

TAKAYANAGI, K.

Behavior of slow electrons in atmospheric gases. III. 10 p1633 A67-23047

Effective cross sections for collision processes between molecular oxygen and slow electrons. 23 p4030 A67-41481

TAKEDA, F.

Medium power millimeter wave klystron - Laddertron. 14 p2278 A67-27800

TAKEDA, K.

Langmuir probe current in turbulent flow of weakly ionized gas. 20 p3503 A67-37674

TAKEDA, S.

Upper hybrid resonant heating in a slightly ionized plasma. 03 p0477 A67-13360

Extension of measurable density ranges in microwave plasma diagnostics. 05 p0854 A67-16982

Diffusion of a weakly ionized helium plasma in a metal chamber immersed in a magnetic field. 14 p2358 A67-28293

Study of shock-wave-produced plasma by a microwave reflection probe. 18 p3088 A67-34076

Microwave measurement of shock produced plasmas. 19 p3293 A67-35398

Temperature dependence of the electron collision frequency in an afterglow plasma. 21 p3667 A67-38414

TAKEDA, T.

Observation of the Ti super 47 and Ti super 49 hf structure in the F-center ESR line in BaTiO sub 3. 21 p3684 A67-38417

TAKEDA, Y.

The drift of a theta pinch plasma due to the asymmetry of magnetic field. 14 p2357 A67-28233

Derivation of new semiconducting compounds by cross substitution for group IV semiconductors, and their semiconducting and thermal properties. 23 p4036 A67-40720

TAKEI, T.

Analysis of Esaki-diode composite circuit. 10 p1809 A67-22837

Memory-cell circuit using two Esaki diodes. 20 p3397 A67-36769

TAKEMATSU, M.

Slow viscous flow past a cavity. 03 p0402 A67-13356

TAKEMOTO, T.

Investigation of Si-Ta sub 2 O sub 5 system prepared by reactive sputtering. 01 p0137 A67-11071

Efficiency of electronic conversion in gridded two-cavity klystrons. 10 p1611 A67-23062

TAKEO, A.

Parametric excitation due to density gradient in a plasma. 20 p3503 A67-37672

TAKEO, M.

Thermodynamic conditions of the test gas in a ballistal compressor. 22 p3778 A67-39351

TAKESHIMA, T.

Frequency bandwidth of slot array antenna. 04 p0585 A67-15505

A slot array antenna for monopulse tracking radar. 04 p0590 A67-15905

X-band omnidirectional double-slot array antenna. 23 p3977 A67-40699

TAKETANI, M.

Extragalactic X-rays and evolution of galaxies. 12 p2007 A67-25767

TAKEUCHI, H.

Altitude dependence of cosmic-ray intensity in the atmosphere. 05 p0883 A67-16879

TAKEUCHI, S.

On the oscillation characteristics of the microwave Gunn-effect oscillator. 10 p1609 A67-22838

Orientation dependence of yield stress in 4.4 percent silicon iron single crystals. 17 p2872 A67-32741

TAKEUTI, Y.

Thermal stresses in a circular disk due to an instantaneous point heat source. 20 p3536 A67-36418

TAKEYA, Y.

Observations of temperature and wind by the grenade method. 05 p0798 A67-16857

TAKEYAMA, T.

A shock-tube study of the ammonia-oxygen reaction. 18 p3155 A67-33836

TAKEZAWA, S.

Selective enhancement in hydrogenlike molecules with the rare gases. II. 18 p3083 A67-34518

TAKEZONO, S.

Strength of U-shaped bellows. V. 22 p3913 A67-40037

TAKIBAEV, ZH. S.

Probability of the recording of "stars" by an ionization calorimeter /O veroiatnost' registratsii "zvezd" ionizatsionnykh kalorimetrom/. 02 p0271 A67-12754

Investigation of electron-photon cascade showers in iron and lead in the energy range over 100 Bev /Issledovanie elektronno-fotonnykh kaskadnykh livnel v zheleze i svintse v oblasti energii vyshhe 100 Bev/. 02 p0271 A67-12755

On the probability for recording of "stars" by an ionization calorimeter. 22 p3842 A67-40256

Investigation of electron-photon cascades in iron and lead in the energy region above 100 Bev. 22 p3842 A67-40257

Investigation of the angular distribution of shower particles during high-energy interactions /Issledovanie uglovogo raspredeleniia vlvnelivnykh chastits vo vzaïmodelstviiakh pri vysokikh energiiakh/. 24 p4217 A67-42828

Certain specific features of inelastic pi N collisions for a 17 GeV/c momentum /Nekotorye osobennosti pi N-neuprugikh soudarenii pri impul'se 17 GeV/c/. 24 p4192 A67-42853

Dynamic characteristics of secondary particles in pp-interactions at energies of 20 GeV /Dinamicheskie kharakteristiki vtorichnykh chastits iz pp-vzaïmodelstvii pri energii 20 GeV/. 24 p4193 A67-42854

Fast helium nuclei in nuclear splittings /Bystrye ladra gellia v ladernykh rasshchepleniiakh/. 24 p4193 A67-42860

TAKUSAGAWA, M.

Measurements of lifetime in GaAs diodes. 23 p3982 A67-41468

TALAAT, M. E.

Conditions for useful operation of MPD generator ducts in the non-equilibrium ionization mode. 24 p4109 A67-42898

TALALAEV, P. A.

On improving the estimates of the solutions of the system of linear differential equations with variable coefficients. 06 p1023 A67-18031

Transfer effects in p-type gallium arsenide crystals /Effekty perenosa v kristallakh arsenida gallia p-tipa/. 03 p0491 A67-13174

TALALAKIN, G. N.

Solid state laser with mode selector within an active element. 22 p3814 A67-39458

TALANOV, V. I.

Self-focusing of axisymmetric wave packets /Samofokusirovka aksial'no-simmetrichnykh volnovykh puchkov/. 16 p2628 A67-31504

TALANOVA, G. A.

Production of gas-turbine engines /Proizvodstvo gazoturbinnnykh dvigatelei/. 11 p1798 A67-24516

TALANTOV, A. V.

Flight conditions providing constant flame stabilization for a ramjet /Rezhimy poleta letatel'nogo apparata s priamotokhnym dvigatelem, obespechivaiushchie postoiannstvo uslovii stabilizatsii plameni/. 04 p0691 A67-15899

Investigation of combustion in a flow /Issledovanie goreniia v potoke/. 22 p3921 A67-40448

TALARICO, K. S.

Liver regeneration in rats exposed to simulated changes in gravity. 20 p3372 A67-36963

TALAT, G. KH.

Small-signal field-effect kinetics in silicon. 13 p2176 A67-26708

TALBOOM, F. P.

Effects of turbine atmospheres on sulfidation corrosion. [ASME PAPER 67-GT-2] 11 p1808 A67-24790

Superalloy coatings for gas turbine engine applications. [ASM PAPER C6-4.2] 23 p4020 A67-41405

TALBOT, L.

Kinetic theory of a spherical electrostatic probe in a stationary plasma. 05 p0857 A67-17423

Source-flow expansion of a partially ionized gas into a vacuum. [AIAA PAPER 67-99] 06 p1041 A67-18281

Velocity determination by the measurement of the induced potential in a nonuniform plasma flow. 12 p1973 A67-25392

A note on rotational energy diffusion in shock waves. 13 p2104 A67-26980

TALBOTT, F. L.

Some cosmic-ray sources between 0 deg and plus 60 deg. 14 p2381 A67-28846

TALBOTT, G. R.

Packaging considerations for shielding electronic packages. 12 p1911 A67-25267

TALDA, P. M.

Fatigue-crack propagation in some ultrahigh-strength steels. 24 p4171 A67-41953

TALEKAR, V. L.

Radiation from linear resonant antenna in weakly ionized plasma. 07 p1227 A67-19428

TALIBI, M. A.

Effect of crystallization and of the Se surface state on the formation of p-n contacts in Se-CdSe and Se-CdS /Vliianie kristallizatsii i sostoiianiia poverkhnosti Se na formirovaniie p-n-kontaktov Se-CdSe i Se-CdS/. 02 p0297 A67-11849

Selenium stabiltron tubes /Selenovye stabilitrony/. 07 p1149 A67-19165

TALIN, B.

Influence of electron/Cs super plus -ion radiative recombination on the intensity of the spectral lines of cesium /Influence de la recombinaison radiative electron-ion Cs super plus sur l'intensite des raies spectrales du cesium/. 20 p3488 A67-36436

TALINI, N.

Determination of average plasma conductivity by RF probes. 22 p3844 A67-39366

TALITSKIKH, N. A.

All-Union Conference on the Theory of Shells and Plates, 6th, Baku, Azerbaidzhan SSR, September 15-20, 1966, Transactions /Vsesoiuznaia Konferentsiia po Teorii Obolochek i Platinok, 6th, Baku, Azerbaidzhan SSR, September 15-20, 1966, Trudy/. 12 p2017 A67-25561

TALLAN, N. M.

Particle size dependence of the electrical conductivity of NaCl. 12 p1987 A67-26191

TALLEY, C. P.

Boron filament for structural composites. 03 p0453 A67-13419

- TALLIAN, T. E.**
On competing failure modes in rolling contact.
[ASLE PREPRINT 67AM 1C-3] 14 p2325 A67-28784
- TALMOR, E.**
Turbulence determination and blockage correction for immersed cylinder heat transfer at high Reynolds numbers. 04 p0601 A67-14508
Heat transfer to noncircular throat bodies. 04 p0728 A67-15803
Sonic-point heat transfer at various degrees of upstream acceleration. [AICHE PAPER 27] 20 p3552 A67-36831
- TALROZE, V. L.**
Problem of the study of the elementary processes in a low-temperature plasma /Problemy issledovaniia elementarnykh protsessov v nizkoterperaturnoi plazme/. 17 p2893 A67-32135
- TALWANI, M.**
Navigation at sea by satellite. 05 p0839 A67-17388
- TALWAR, S. P.**
Stability problems in hydromagnetics. 03 p0480 A67-13730
Stability of gravitating streams. 03 p0511 A67-13877
Combined Taylor and Helmholtz instability in hydromagnetics including Hall effect. 08 p1359 A67-20902
Kelvin instability in current-carrying cold plasma. 16 p2714 A67-30872
- TALYBOV, A. G.**
Electron-diffraction structural studies of Pb sub 2 Bi sub 2 Se sub 5 /Elektronograficheskoe issledovanie struktury Pb sub 2 Bi sub 2 Se sub 5/. 01 p0136 A67-11009
On the new semiconducting compound HgTlS sub 2. 07 p1233 A67-19650
- TALYPOV, G. B.**
Plasticity theory that takes into account the Bauschinger effect /K teorii plastichnosti, uchityvalushchei effekt Bauschinger/. 06 p1106 A67-18627
- TALYZIN, N. V.**
Use of communication satellites for transmission of single-direction /simplex/ programs /Ob ispol'zovanii sputnikov svyazi dlia peredachi odnonapravennykh /simpleksnykh/ program/. 18 p3001 A67-34176
- TAM, C. K. W.**
A note on disturbances in slightly supercritical plane Poiseuille flow. 24 p4144 A67-42562
- TAM, K.-K.**
A variational principle in relativistic magnetohydrodynamics. 02 p0273 A67-12195
Relativistic scalar hydrodynamics. 11 p1844 A67-25034
- TAMADA, K.**
Oseen flow past a finite flat plate. 02 p0234 A67-12546
Stagnation-point flow of rarefied gas. 20 p3425 A67-37673
- TAMAI, T.**
Phase-locked oscillations of silicon avalanche diodes. 05 p0775 A67-16984
- TAMAKI, F.**
Wind compensation system in the Kagoshima Space Center, University of Tokyo. 08 p1314 A67-20542
- TAMAO, T.**
Temperature distribution in the magnetosphere. 06 p0996 A67-18432
Heating of the thermal plasma in the inner magnetosphere. 10 p1634 A67-23058
- TAMAOKI, T.**
Nonequilibrium MHD generator with metastable N sub 2 in Ar-N sub 2 -K by auxiliary electric discharge. 12 p1898 A67-25388
Operations and experiments of the He-K blow-down MHD power generator. 12 p1898 A67-25389
- TAMARU, K.**
High-speed pulse circuits using tunnel diodes. 10 p1609 A67-22773
High-speed AD converter using tunnel diodes. 20 p3398 A67-36771
- TAMARU, T.**
Method for precision standing wave ratio measurement in rectangular waveguides. 22 p3767 A67-39371
- TAMATE, O.**
Flexural problems of a thin plate with a curved crack. 10 p1715 A67-22915
- TAMBURELLI, G.**
Theoretical and experimental analysis of the present possibilities of using lasers for telephone circuits /Analisi teorica e sperimentale delle attuali possibilita di utilizzare il laser nei collegamenti telefonici/. 08 p1337 A67-20769
- TAMBURELLO, C.**
Representation of admittance parameters of a transistor /Sulla rappresentazione dei parametri di ammettenza del transistor/. 20 p3394 A67-36236
Admittance parameters of diffused planar transistors /Sul parametri di ammettenza dei transistori planari diffusi/. 20 p3396 A67-36377
Equivalent circuit of the diffused planar transistor /Schema equivalente del transistoro planare diffuso/. 20 p3396 A67-36378
- TAMERS, M.**
Evolution of radiocarbon concentration at low latitudes of the Northern Hemisphere during the past years /Evolution de la concentration du radiocarbone dans les basses latitudes de l'hemisphere Nord pendant les dernieres annees/. 09 p1492 A67-22592
- TAMHANE, A. S.**
Tracks of cosmic rays in plastics. 06 p1076 A67-17641
On the pre-atmospheric size and maximum space erosion rate of the Patwar stony-iron meteorite. 09 p1570 A67-22690
- TAMIR, T.**
Scattering of electromagnetic waves by a sinusoidally stratified half-space. II - Diffraction aspects at the Rayleigh and Bragg wavelengths. 02 p0204 A67-12196
- TAMM, I. E.**
Width of high-intensity shock waves. 13 p2105 A67-27412
- TAMMI, O.**
A method of variations for functions with bounded boundary rotation. 04 p0643 A67-14583
- TAMOIAN, G. S.**
Turbulent flow of a conducting fluid in an annular channel with a rotating circular magnetic field /Turbulentnoe techenie provodlashchei zhidkosti v kol'tsevom kanale pri krugovom vrashchalushchemsia magnitnom pole/. 06 p1042 A67-18548
- TAMOIKIN, V. V.**
Effect of some statistical factors on the scattering characteristics of a finite cylinder /O vliianii nekotorykh statisticheskikh faktorov na kharakteristiki rasselaniia ogranichenogo tsilindra/. 05 p0762 A67-16349
- TAMRAZOV, P. M.**
Some extremal problems of conformal mapping /O nekotorykh ekstremal'nykh zadachakh konformnogo otobrazheniia/. 16 p2698 A67-31913
- TAMURA, H.**
Vibration of rotor based on ball bearing. 02 p0248 A67-11468
A plasma ion gun with Pierce electrode. 04 p0663 A67-14771
Higher approximation on non-linear steady oscillation. 05 p0846 A67-16438
Studies on the high temperature fuel cell. 20 p3366 A67-37545
- TAMUSAITIS, J. J.**
Hydrogen reliquefaction in earth orbit. 13 p2091 A67-27636
- TAN, B. L.**
A simplified 180 deg focusing beta ray spectrometer. 05 p0806 A67-16500
- TAN, D.-V.**
Effect of impurity microsegregation on the thermoelectric properties of Bi sub 2 Te sub 3. 05 p0861 A67-16498
- TAN, H. S.**
Some results of the variational principle in non-planar diffraction. 14 p2281 A67-28106
Study of inhomogeneous turbulence. 18 p3030 A67-34741
- TAN, T. Y.**
Wave interactions in saturable absorbers. 07 p1234 A67-20094
- TAN, W. C.**
Electron microscopy of biological-like structures in the Orgueil carbonaceous meteorite. 13 p2210 A67-27583
Origin of round-body structures in the Orgueil meteorite. 24 p4113 A67-42455
- TAN, Z. C.**
A tunnel diode peak and valley current measuring set. 02 p0216 A67-12037
- TANABE, H.**
Rocket observations of the brightness of the zodiacal light. 19 p3216 A67-35192
- TANABE, K.**
A simple method for predicting the performance of cascades of low solidity. 21 p3566 A67-39079
- TANACA, H.**
Ion-wave instabilities in mercury-vapor plasma. 22 p3842 A67-39207
- TANAHASHI, T.**
Application of the Karman-Tsien's method to the flow of compressible fluids past straight cascades of arbitrary airfoils. 02 p0177 A67-11470
- TANAKA, H.**
High-resolution observations of the sources of solar radio burst at 9.4 Gc/s. 14 p2383 A67-27883
The absolute calibration on the flux density of solar radio emission. 14 p2385 A67-28440
The flexure-torsion flutter of aerofoils in cascade. I. 22 p3914 A67-40040
- TANAKA, K.**
Construction of single-mode D.C. operated He/Ne lasers. 04 p0631 A67-14763
Wear of polytetrafluoroethylene. Fundamental behavior. 23 p4009 A67-41062
- TANAKA, M.**
Estimation of water vapor distribution in the atmosphere from satellite measurements. 02 p0239 A67-12364
Electrical properties of metal thin films which are evaporated on a rotating cylindrical substrate. 16 p2727 A67-30899
Studies on the thermal fatigue under conditions of transient temperature gradient in cross-section. 18 p3140 A67-33651
- TANAKA, S.**
Internal plasma resonance of positive column near electron cyclotron harmonic frequencies. 03 p0476 A67-13355
Anomalous pulsed microwave emission at cyclotron frequency in partially ionized plasmas. 04 p0663 A67-14615
Observation of an instability in a hot electron plasma. 04 p0663 A67-14621
Anomalous radio-frequency emission at electron cyclotron frequency in partially ionized plasmas. 05 p0854 A67-16895
Generation of harmonics of the plasma waves excited near electron cyclotron harmonics. 06 p1046 A67-18831
Excitation and relaxation of ionized impurity pairs in silicon. 06 p1068 A67-18970
Anomalous bremsstrahlung in partially ionized plasmas. 08 p1366 A67-21441
Amplification of radio-waves in partially ionized gases. 08 p1366 A67-21442
Quiescent DC discharge in cusp fields of TP-D machine. 19 p3274 A67-35104
Shell structure of a hot-electron plasma. 22 p3854 A67-40243
- TANAKA, S.-I.**
Longitudinal magneto-optic effect in ferromagnetic thin films. 05 p0865 A67-16971
I. Longitudinal magneto-optic effect in ferromagnetic thin films. 05 p0865 A67-16972
II. 05 p0865 A67-16972
- TANAKA, T.**
Materials for ultrasonic engineering. 03 p0495 A67-13547
Effects of several factors on thermal fatigue. 05 p0921 A67-17085
Galvanomagnetic effects in cadmium antimonide. 06 p1054 A67-18824
Green's-function theory of nonlinear transport coefficients. 12 p1967 A67-25846
Studies on the convective heat transfer from rotating disk. I. 13 p2221 A67-26531
- TANAKA, Y.**
Processing of V sub 3 Ga wires and their superconducting properties. 01 p0137 A67-11064
Absorption spectrum of activated nitrogen in the 600-1100-angstrom units region. [AFCLR-67-0109] 03 p0473 A67-13520
Low-frequency resonance oscillations in cylindrical plasma columns. 07 p1229 A67-19674
Balloon observation of the X-ray sources in the Cygnus region in the energy range 20-130 kev. 08 p1377 A67-21252
Elf noise-bursts and enhanced oscillations associated with the solar-flare of July 7, 1966. 10 p1700 A67-23057
Resonant oscillation in a PIG discharge. 14 p2355 A67-27828
Absorption by atomic nitrogen in the

- extreme ultraviolet.
[AFRL-66-835] 17 p2888 A67-32629
Selective enhancement in hydrogenlike
molecules with the rare gases.
II. 18 p3083 A67-34518
Quiescent DC discharge in cusp fields of
TP-D machine. 19 p3274 A67-35104
- TANCZYN, H.**
What columbium does to type 410
stainless steel. 03 p0446 A67-13543
- TANDBERG-HANSEN, E.**
The nature of quiescent solar
prominences. 19 p3324 A67-35436
Comments on a flare of September 20,
1966. 19 p3314 A67-35440
- TANDON, J. N.**
Pinch effect and fusion
reaction. 03 p0481 A67-13733
Sunspot magnetic field and solar
cycles. 03 p0511 A67-13740
Wave propagation in a rarefied plasma
with finite Larmor radius. 03 p0483 A67-13875
Wave propagation in a rarefied rotating
plasma with finite Larmor
radius. 15 p2533 A67-30396
- TANDON, S. N.**
Primary cosmic-ray spectrum at high
energies and spectra of gamma rays and
muons in the atmosphere. 04 p0692 A67-14857
Steady state of cosmic-ray nuclei - Their
spectral shape and path length at low
energies. 19 p3317 A67-36099
Indium variations in a petrologic suite of
L-group chondrites. 23 p4069 A67-41474
- TANENBAUM, A. S.**
Clustering of the cosmic ray ages of stone
meteorites. 07 p1249 A67-19540
- TANENBAUM, B. S.**
Radiation from current sources in an
isotropic plasma. 17 p2906 A67-33056
Mott-Smith shock thickness calculations
using the v sub x super p
method. 18 p3030 A67-34753
- TANENHOLTZ, S. D.**
A versatile photo-optical system for the
study of ballistic
phenomena. 09 p1502 A67-22623
- TANG, C. C. H.**
On the mode correspondence between
circular and square multimode tapered
waveguides. 15 p2444 A67-29454
- TANG, C. H.**
On the optimum performance of
nonuniformly spaced
arrays. 02 p0212 A67-11613
Scattering by finite objects in
compressible plasma. 05 p0853 A67-16802
- TANG, C. L.**
Transition probabilities between laser
states in carbon dioxide. 02 p0252 A67-11891
Relative intensities of the 5s super 2 P
sub 3/2 goes to 4p super 2 D 5/2 and the 5s
super 4 P sub 5/2 goes to 4p super 4 D sub
7/2 transitions in the Ar II
laser. 07 p1195 A67-19560
Phase-locking of laser oscillators by
injected signal. 08 p1338 A67-21309
Optical analog of the transient nutation
effect. 11 p1802 A67-24829
Maximum-emission principle and phase
locking in multimode
lasers. 18 p3062 A67-34640
Self-locking of modes in
lasers. 20 p3456 A67-36171
- TANG, C. T.**
The vibration behavior of circular conical
shells. 06 p1105 A67-18591
Stability of truncated conical shells under
axial loads. 06 p1105 A67-18593
- TANG, D. D.**
Dual frequency omnidirectional slot
antenna. 04 p0590 A67-15904
- TANG, H. H.**
A combining parameter for base-pressure
evaluation. 19 p3172 A67-35779
- TANG, J. Y. T.**
The effect of tensor conductivity on
continuum and collisionless
magnetogasdynamic flows.
[AIAA PAPER 67-731] 21 p3674 A67-38755
- TANG, S.-C.**
Response of viscoelastic cylindrical shells
to moving loads. 03 p0522 A67-13211
- TANG, T.-Y.**
Noise of p-type indium
antimonide. 10 p1693 A67-23566
- TANG, W.**
A study of the general circulation of the
Martian atmosphere based upon the result
of the occultation experiment from Mariner
IV. 18 p3124 A67-34153
- TANGER, G. E.**
Pool boiling response to pressure
decay. 04 p0734 A67-15848
Direct determination of thermal diffusivity
and conductivity with a refined line-source
technique. 12 p2037 A67-26029
Evaluation of constants for the Rohsenow
pool-boiling correlation. 20 p3547 A67-36723
- TANGUY, J.**
Collection time in semiconductors / Temps
de collection des detecteurs
semiconducteurs/. 01 p0065 A67-10650
- TANIDA, Y.**
Effect of blade row interference on
cascade flutter. 15 p2415 A67-29314
- TANKIN, R. S.**
Measurement of emission and absorption
of radiation by an argon
plasma. 18 p3091 A67-34732
Measured index of refraction for argon
plasma. 23 p4032 A67-40961
- TANKINS, E. S.**
The activity of oxygen in the liquid Fe-Pt
alloy system. 02 p0256 A67-12708
- TANMAN, G.**
Crystal stabilisation of a stable-
multivibrator frequency. 20 p3384 A67-37215
- TANNAS, L. E., JR.**
Re-entry guidance through closed-form
equations. 14 p2347 A67-28114
Simulation evaluation of closed form
reentry guidance.
[AIAA PAPER 67-597] 19 p3259 A67-35993
- TANNENWALD, P. E.**
Stimulated Raman scattering in an
infrared active, nontotally symmetric
vibration of alpha-quartz. 21 p3641 A67-38459
- TANNER, C. B.**
An integrating pyranometer for
climatological observer stations and
mesoscale networks. 21 p3628 A67-38580
- TANNER, J. T.**
The abundance of antimony in meteorites,
tektites and rocks by neutron activation
analysis. 24 p4236 A67-42647
- TANNER, L. H.**
The design of laser interferometers for
use in fluid mechanics. 04 p0624 A67-15455
Holography with a scatter-plate as beam
splitter and a pulsed ruby laser as light
source. 05 p0807 A67-16931
The optics of laser streak
interferometry. 22 p3795 A67-39199
- TANNER, R. F.**
High lift techniques for STOL aircraft.
[SAE PAPER 670245] 12 p1894 A67-25500
- TANNER, T. A., JR.**
Signal recognition as influenced by
presentation schedules. 20 p3372 A67-36962
- TANNER, T. L.**
Operational reliability of components in
selected systems. 01 p0041 A67-11344
- TANNER, W. C.**
Adhesives and adhesion in structural
bonding for military
materiel. 09 p1522 A67-22500
- TANNER, W. H.**
The helicopter rotor at high Mach
numbers.
[AHS PAPER 102] 16 p2595 A67-31819
- TANNHAEUSER, I. O.**
The overlapping of the bands of N sub 2
O, CO and CO sub 2 in the 4.5 micron
region with regard to inversion
experiments. 02 p0246 A67-12368
Theoretical investigations in the 4.5
micron region with regard to inversion
experiments. 19 p3220 A67-35260
- TANRIKULU, M.**
Consistent finite difference equations for
thin elastic disks of variable
thickness. 09 p1573 A67-21755
- TANSLEY, T. L.**
Forward bias current-voltage
characteristics for a heterojunction in which
tunnelling dominates. 09 p1551 A67-21666
Measurements of heterojunctions alloyed
on to GaAs. 13 p2184 A67-27575
Spectral response of p-n
heterojunctions. 24 p4202 A67-41981
- TANTAM, D. H.**
Cold environments. 21 p3633 A67-38141
- TANTASHEV, M. V.**
Calculation by the Monte Carlo method of
the radiation shift in a homogeneous
diffusion sphere with a central point source
/Raschet perenosa izlucheniia v odnorodnoi
rasselvalushchei sfere s tsentral'nyim
tochechnym istochnikom metodom Monte-
Karlo/. 05 p0838 A67-16491
Calculation of the radiation transport in a
homogeneous scattering sphere with a
central point source by the Monte Carlo
method. 13 p2155 A67-26346
- TANTRY, B. A. P.**
VLF characteristics of electromagnetic
radiation from the return stroke of lightning
discharge. 01 p0109 A67-11228
Audio frequency spectrum of a radio
atmospheric at large
distances. 03 p0415 A67-14117
Absorption of very low frequency waves
in the whistler mode propagation at low
latitudes. 21 p3617 A67-38065
Phase spectra of distant
atmospherics. 24 p4149 A67-42068
- TANTSOVA, N. N.**
Determination of wind velocities and
diffusion coefficients with the aid of an
artificial luminescent cloud /Opredeleniie
skorosti vetra i koeffitsienta diffuzii s
pomoshch'iu iskusstvennogo svetlischegosia
oblaka/. 10 p1675 A67-22795
Determination of wind velocity and of the
diffusion coefficient by means of an
artificial luminescent
cloud. 24 p4181 A67-42131
- TANUMA, S.**
Experimental determination of Fermi
surface in pure and doped arsenic through
de Haas-van Alphen
effect. 06 p1070 A67-18982
Oscillatory magneto-thermal effect in
semimetals. 17 p2912 A67-32287
- TANZILLI, R. A.**
Determination of thermal performance of
char under heating conditions simulating
atmospheric entry.
[AIAA PAPER 65-640] 03 p0534 A67-13060
- TANZMAN, H. D.**
Reliable measurements of frequency and
resistance changes of quartz crystals due to
wide temperature
variations. 21 p3601 A67-38975
- TAO, F. F.**
The role of diffusion in corrosive wear.
[ASLE PAPER 67-LC-4] 24 p4164 A67-42743
- TAO, F.-S.**
Laminar flow heat
transfer. 04 p0720 A67-14510
Laminar flow heat
transfer. 05 p0925 A67-16271
- TAO, L. N.**
Variational analyses of forced heat
convection in a duct of arbitrary cross
section. 04 p0728 A67-15802
- TAOKA, T.**
Orientation dependence of yield stress in
4.4 percent silicon iron single
crystals. 17 p2872 A67-32741
- TAPLEY, B. D.**
Analysis and comparison of several
numerical optimization methods.
[AIAA PAPER 67-58] 06 p1023 A67-18267
Some qualitative characteristics of near-
lunar satellite orbits.
[AAS PAPER 66-95] 07 p1252 A67-19959
Some qualitative characteristics of near-
lunar satellite orbits.
[AAS PAPER 66-95] 13 p2207 A67-27519
A test for the sign of the second
variation. 19 p3202 A67-35756
- TAPLIN, L. B.**
Phenomenology of vortex flow and its
application to signal
amplification. 14 p2248 A67-28272
- TAPPE, W. C.**
Factors causing scatter and unreliable
design data for fiberglass fabric laminates
for aerospace
applications. 08 p1345 A67-20431
- TAPPEN, W. B.**
Apollo ECS man-rated simulation
systems. 11 p1748 A67-24340
- TAPPIN, G.**
The work of fracture and its measurement
in metals, ceramics and other
materials. 03 p0525 A67-13872
- TARABANOV, A. S.**
Role of capillary phenomena in the
distribution of liquid binders in carbon-
graphite compacts /O roli kapillarnykh
effektov v raspredelenii zhidkikh
svyazulushchikh veshchestv v uglegrafitovykh
pressovkakh/. 11 p1810 A67-23900
- TARABROV, V. V.**
Laser with frequency scanning during the
generation process. 18 p3061 A67-34619
- TARAN, J.-P.**
Accurate velocity measurements by means

- of a laser interferometer /Mesure precise des vitesses au moyen d'un interferometre a laser/. 23 p3997 A67-40571
- TARANENKO, I. A.**
Oxidation of beryllium. 13 p2136 A67-27107
- TARANENKO, V. P.**
Selection of the optimum cavity beam hole diameter of a powerful wide-band twt /O vybore optimal'nogo diametra proleynogo kanala moshchnoi shirokopolosnoi lby/. 04 p0583 A67-15153
Selection of the optimum diameter of the drift channel of a high-power broadband traveling-wave tube. 15 p2443 A67-29340
- TARANOVA, O. G.**
Study of the space-time properties of hydroxyl emission /Issledovanie prostranstvenno-vremennykh svoystv gidroksil'nogo izlucheniya/. 17 p2848 A67-32954
Diurnal variations in helium emission /O sutochnykh varitsatsiyakh emissii geliya/. 17 p2849 A67-32958
- TARAROEVA, L. D.**
Ultrasonic inspection for macrodefects and local structural irregularities in turbine blades. 06 p1007 A67-18103
- TARASENKO, G. N.**
Structural transformations in titanium alloys /Strukturnye prevrashcheniya v titanovykh splavakh/. 07 p1205 A67-19271
Study of alloys of the system Ti-Mo-Cr-Fe-Al /Issledovanie splavov sistemy Ti-Mo-Cr-Fe-Al/. 07 p1205 A67-19272
High-temperature thermomechanical treatment of the beta-alloy of the Ti-Mo-Cr-Fe-Al system. 15 p2504 A67-29971
Effect of hydrogen on the isothermal transformations in alloy VT15 /Vliyanie vodoroda na izotermicheskie prevrashcheniya v splave VT15/. 18 p3065 A67-34291
- TARASOV, A. F.**
Intensity-measurements of radiation at frequencies 725 and 1,525 kc, by means of the receiver on the satellite "Electron-2." 12 p1995 A67-25769
- TARASOV, A. T.**
Analysis of special features in the stressed state of a low-aspect wing /Analiz osobennostei napriazhennogo sostoianiia kryla malogo udlineniia/. 21 p3724 A67-38780
- TARASOV, I. U. A.**
Equations of laser emission dynamics /Ob uravneniyakh dinamiki izlucheniia v opticheskikh kvantovykh generirovakh/. 18 p3061 A67-34388
- TARASOV, V. K.**
Observation of generation at the sum frequency in electro-optic nonlinear crystals. 06 p1009 A67-17754
- TARASOV, V. P.**
Transistorized nonlinear-capacitance model /Tranzistornaia model' nellnei noi emkosti/. 06 p0972 A67-18896
- TARASOVA, I. M.**
Capture cross section of a photon by zinc and mercury atoms in germanium /Secheniia zakhvata fotona atomami tsinka i rtuti v germanii/. 05 p0868 A67-17066
Cross sections for the capture of a photon by zinc and mercury atoms in germanium. 15 p2538 A67-29797
- TARASOVA, T. M.**
On space correlation of night sky emissions. 10 p1647 A67-23279
Night airglow in the region lambda 6300 angstrom units. 11 p1786 A67-24072
- TARATUTA, A. S.**
Noise suppression by a space charge in a forward-biased p-n junction /Podavlenie shumov prostranstvennykh zaryadom v priamosmeshchennom p-n-perekhode/. 15 p2543 A67-30252
Low-frequency noise spectrum of p-n junctions /O spektre nizkочастотных шумов v elektronodnyrochnykh perekhodakh/. 22 p3858 A67-39573
- TARAVELLIER, R.**
Interferences between waves diffracted by small screens and a coherent background provided by a laser /Interferences entre les ondes diffractees par des ecrans de faibles dimensions et un fond coherent fourni par un laser/. 01 p0087 A67-10231
Interferences between a coherent wave sigma' emitted by a laser and a wave sigma'' diffracted by a small object in the case of a strongly astigmatic beam /Interferences entre une onde coherent sigma' emise par un laser et une onde sigma'' diffractee par un objet de faibles dimensions, dans le cas d'un faisceau fortement astigmatique/. 04 p0631 A67-14416
- TARBIN, F. G.**
A practical tantalum thin-film single-sideband demodulator using RC time-varying and active networks. 17 p2825 A67-32600
- TARDI, M.**
General survey of planets /Presentation d'ensemble des planetes/. 14 p2392 A67-28959
- TARE, V. B.**
Oxidation of bismuth. 06 p1013 A67-17659
- TARG, R.**
Single-frequency light from an argon FM laser. 10 p1664 A67-22906
Frequency stabilization of the FM laser. 19 p3240 A67-35622
- TARIEL, H. M.**
Thermal insulation for liquid hydrogen space tankage. 13 p2228 A67-27659
- TARIFA, C. S.**
Some aspects of the supersonic transport aircraft competition /Algunos aspectos del concurso del avion supersonico de transporte/. 16 p2596 A67-31246
- TARNAY, K.**
Charge equations of field-effect transistors. 07 p1153 A67-19614
Transient response of M.O.S. transistors. 13 p2078 A67-26786
Application of charge-parameters to the analysis of field effect transistor transients. 15 p2449 A67-29806
- TARNOGRODZKI, A.**
Aerodynamic balance for investigating jet flaps /Waga aerodynamiczna do badania platow strumieniowych/. 07 p1163 A67-19350
Sonic boom /Uderzenie dzwiekowe/. 22 p3744 A67-39547
- TARNOVSKII, N. N.**
Steady-state thermal regime of a semiconductor cooling device /Ustanovivshisya teplovoi rezhim poluprovodnikovogo termookhlazhdaushchego ustroystva/. 06 p1113 A67-18180
Thermal circuits for ventilated radio-electronic devices /Teplovy skhemy ventiliruemyykh radioelektronnykh apparatov/. 11 p1884 A67-25047
Estimation of mean overheats in a ventilated electronic device /Otsenka srednikh peregrevov v ventiliruemom radioelektronnom apparate/. 16 p2778 A67-30470
- TARONI, A.**
Generalization of the calculation of the heat balance in an enclosure /Sur une generalisation du calcul du bilan calorifique dans une enceinte/. 02 p0343 A67-12413
Stochastic problems of PCM modulation /Quelques problemes stochastiques de la modulation PCM/. 04 p0571 A67-14895
- TARR, G. C.**
The application of computers to planning and operating a simultaneous access European ground station network. 18 p3003 A67-34355
- TARTARA, G.**
Recommendation of an adaptive antenna for the ground reception of wideband RF signals in space-communications systems /Proposta di un' antenna adattativa per la ricezione a terra di segnali RF a larga banda in sistemi di comunicazioni spaziali/. 08 p1301 A67-20776
- TARUI, T.**
Low noise receiver with helium cooled parametric amplifier. 01 p0023 A67-10469
- TARUI, Y.**
Semiconductor integrated circuits. 12 p1917 A67-26203
- TARUMOV, E. Z.**
Investigation of a hydrogen plasma with "hot" electrons. 21 p3666 A67-38368
- TARUSHKIN, V. T.**
Optimal stabilization of small oscillations of a body around the center of mass in a central field /Optimal'naya stabilizatsiia malyykh kolebaniy tela vokrug tsentra mass v tsentral'nom pole/. 05 p0901 A67-17117
Plotting of a pursuit trajectory in a central field /O postroenii traektorii presledovaniya v tsentral'nom pole/. 24 p4228 A67-42273
- TASHIRO, S.**
A meteor burst clock synchronization experiment. 09 p1494 A67-21618
Star system. VI. 13 p2087 A67-26722
- TASSO, H.**
Qualitative stabilizing and destabilizing effects in the macroscopic theory. 10 p1685 A67-23465
Persistence of MHD-stability in the two-fluid model. 22 p3851 A67-39984
- TASSOUL, J.-L.**
Convective instability of an inhomogeneous gaseous mass /Sur l'instabilite convective d'une masse gazeuse inhomogene/. 19 p3261 A67-35502
- TATARENKOV, V. M.**
Effect of constant electric and magnetic fields applied to a beam of active molecules outside a resonator on the oscillation frequency of a maser. 01 p0089 A67-10396
- TATARIAN, A.**
Improved driver chamber for arc driven shock tube. 14 p2293 A67-28749
- TATARINTSEV, L. V.**
Triggering the detonation of condensed explosives by laser radiation /Vozbuzhdenie detonatsii kondensirovannykh vv izlucheniem opticheskogo kvantovogo generirovakh/. 07 p1195 A67-19315
- TATARONIS, J. A.**
Cyclotron and collision damping of propagating waves in a magnetoplasma. 19 p3288 A67-35371
- TATARSII, V. I.**
Parameter fluctuations of a space-limited light beam in a turbulent atmosphere. 05 p0766 A67-17229
Wave propagation in a turbulent atmosphere /Rasprostraneniye voln v turbulentnoi atmosfere/. 19 p3182 A67-35206
- TATE, A.**
Double Langmuir probes for hypervelocity wakes. 11 p1790 A67-24449
- TATE, E.**
Experimental study of the Hall voltage in a large Hall parameter, linear MHD generator. 12 p1898 A67-25387
- TATE, G. C., JR.**
F-111 crew escape module. 14 p2244 A67-27739
- TATE, S. E.**
An existing facility for scramjet testing the wave superheater hypersonic tunnel. [AIAA PAPER 67-182] 06 p0980 A67-18343
An existing facility for scramjet testing - The wave superheater. [AIAA PAPER 67-182] 19 p3208 A67-35767
- TATEISHI, M.**
Medium power millimeter wave klystron - Ladderton. 14 p2278 A67-27800
- TATEYAMA, N.**
The numerical experiments on the alternating direction implicit method using interlacing scanning for elliptic partial differential equation. 19 p3250 A67-34868
- TATOM, F. B.**
Prediction of the lunar thermal environment. 22 p3884 A67-39930
- TATOM, J. W.**
Transient turbulent free convection in closed containers. 04 p0731 A67-15827
- TATRO, P. R.**
Experiments on Ekman layer instability. 15 p2471 A67-29655
- TATRO, R. E.**
Spacecraft thermal joint conduction. [AIAA PAPER 67-316] 12 p2037 A67-26031
- TATSII, V. G.**
Statement of the problem of control system synthesis for a fatigue testing process /Postanovka zadachi sintezu sistem keruvannia protsesom vtomlenisnikh viprobuvan'/. 06 p1101 A67-18239
- TATTERSALL, H. G.**
The work of fracture and its measurement in metals, ceramics and other materials. 03 p0525 A67-13872
- TATUM, J. G.**
Microwave transistor-parameter trade-offs in circuit design. I. 22 p3775 A67-40467
- TATUM, M. W.**
Radiographic screening of relays to ameliorate high reliability devices. 13 p2084 A67-27695
- TATUS, V. I.**
Concerning the distribution of rotational energy levels of molecules excited by ion impact. 06 p1035 A67-17877
- TAUB, A. M.**
The salt gland in a sea snake /Laticauda/. 21 p3573 A67-37898
- TAUB, H.**
Nearest-neighbor electron scattering in silicon. 01 p0135 A67-10877
- TAUB, J.**
Confocal resonator band-pass filters. 08 p1305 A67-21229

TAUB, J. J.

TAUB, J. J.

Transient response of equal-element band-stop filters. 02 p0220 A67-12177
Design of TEM equal stub admittance filters. 22 p3773 A67-40061

TAUBE, H.

Reaction of O/super 1 D/ with CO sub 2 at low temperatures. 23 p3971 A67-40970

TAUBENFELD, H. J.

Legal aspects of the use of satellites in the exploitation of natural resources. 19 p3349 A67-35641

TAUBENHEIM, J.

A study of ionospheric pulse absorption /Al/ on 4 Mc/s during the solar eclipse of May 20, 1966. 21 p3616 A67-37995

TAUBINA, M. G.

Influence of the structure on the creep resistance of refractory alloys. 12 p1955 A67-25371

TAUCHERT, T. R.

Heat generation in a viscoelastic solid. 21 p3715 A67-37894

TAUER, M.

Testing for leak-proof encapsulation of semiconductor devices with the aid of a radioactive gas /Zkouska tesnosti zapouzdeni polovodnikovych soucastek pomoci radioaktivniho plynu/. 17 p2823 A67-32297

TAUKE, R. V.

Annealing of proton radiation damage in silicon solar cells. 07 p1237 A67-20143
Thermal annealing of proton-irradiated silicon solar cells. 19 p3305 A67-35669
Thermal annealing of proton-irradiated silicon solar cells. 23 p3940 A67-41518

TAUPIN, D.

Recording of frequencies from 0 to 1000 Hz on low-priced media /L'enregistrement des frequences de 0 a 1000 Hz sur support bon marche/. 13 p2119 A67-26662

TAURE, L. F.

Spectroscopic investigations of the intermolecular association in several organic semiconductors /Spektroskopicheskie issledovaniia mezhmolekuliarnoi assotsiatsii v nekotorykh organicheskikh poluprovodnikakh/. 20 p3512 A67-37301

TAUSEND, A.

Method of measuring the Hall effect in materials with high specific resistance /Eine Methode zur Messung des Hall-Effektes an Materialien mit hohem spezifischen Widerstand/. 10 p1691 A67-23502

TAUSNER, M. J.

Radar verification of the Doppler formula. 01 p0026 A67-10920

TAUSSIG, R. T.

Numerical experiments of magnetohydrodynamic shocks and the stability of switch-on 11 p1825 A67-23854
Comparison of oblique, normal and transverse ionizing shock waves. 18 p3092 A67-34733

TAUSWORTHE, R.

Cycle slipping in phase-locked loops. 17 p2811 A67-32117

TAUSWORTHE, R. C.

A method for calculating phase-locked loop performance near threshold. 20 p3385 A67-37350

TAVANTZIS, J.

Quasi-optimum three-axis control of a space vehicle. 22 p3899 A67-39190

TAVARTKILADZE, K. A.

Attenuation of solar radiant energy in atmospheric ozone /Oslablenie luchistoi energii solntsa v atmosfernom ozone/. 24 p4181 A67-41915

TAVDGIRIDZE, T. L.

Energy loss of a moving charge in a weakly turbulent magnetoplasma. 08 p1357 A67-20844

TAVERNIER, J.

Several general problems of lattice thermal conductivity in solids /Sur quelques problemes generaux de la conduction thermique de reseau dans les solides/. 14 p2374 A67-28981
Germanium solar cells. I, II /Photopiles solaires au germanium. I, II/. [ONERA-TP-478] 18 p2990 A67-34464

TAVER, B.

Transport phenomena in semiconducting thin films. 20 p3506 A67-36217

TAVGER, B. A.

Superconductivity in thin nondegenerate semiconducting films. 01 p0128 A67-10084
Phonons in films /Fonony v

plenkakh/.

One possibility for studying the electron energy quantization effect in a thin film. 05 p0865 A67-16966
Superconducting transition temperature of a thin film. 06 p1049 A67-17886
Nonlinear dependence of the current on the electric field strength in a thin semiconducting film in a quantizing magnetic field. 10 p1694 A67-23591
Electron energy bands in semiconductor films /Elektronnye energeticheskie zony v poluprovodnikovykh plenkakh/. 22 p3861 A67-39919

TAYLER, R. J.

The origin of the elements. 19 p3263 A67-35869

TAYLOR, A.

The solid-solubility of oxygen in Nb and Nb-rich Nb-Hf, Nb-Mo and Nb-W alloys. 22 p3823 A67-40209

I. The solid-solubility of oxygen in Nb and Nb-rich, Nb-Hf, Nb-Mo and Nb-W alloys. 22 p3823 A67-40210

II. The solid-solubility of oxygen in Nb and Nb-rich Nb-Hf, Nb-Mo and Nb-W alloys. 22 p3823 A67-40211

III. The solid solubility of nitrogen in Nb and Nb-rich Nb-Hf, Nb-Mo and Nb-W alloys. 24 p4172 A67-41976

I. The solid solubility of nitrogen in Nb and Nb-rich Nb-Hf, Nb-Mo and Nb-W alloys. 24 p4172 A67-41977

TAYLOR, A. J.

On-board approach guidance for a planet-orbiter. 04 p0654 A67-15234

TAYLOR, B. M.

Orientation of a satellite in an elliptical orbit. 12 p2000 A67-25124

TAYLOR, B. N.

Superconducting microwave devices. 14 p2289 A67-28917

Measurement of recombination lifetimes in superconductors. 17 p2913 A67-32370

Design and transient performance of a liquid coolant system. [SAE PAPER 670838] 24 p4252 A67-41994

TAYLOR, C. D.

On the driving point impedance of an asymmetrical dipole. 03 p0385 A67-13861

Transmission and reception properties of an equatorial slot antenna on a reentry sphere. 11 p1757 A67-23973

On the exact theory of a prolate spheroidal receiving and scattering antenna. 11 p1758 A67-23974

Resistive receiving and scattering antenna. 16 p2638 A67-31338

Electromagnetic scattering by thin inhomogeneous circular cylinders. 18 p3004 A67-34431

On digital computer solutions of Fredholm integral equations of the first and second kind occurring in antenna theory. 23 p3981 A67-41208

TAYLOR, D.

Rhombic aerial with feedback. 17 p2824 A67-32313

TAYLOR, E. C.

Analysis of flame effects on measured electromagnetic propagation data. 19 p3344 A67-34819

Effects of rocket exhausts on communications systems. 20 p3381 A67-36570

TAYLOR, E. S.

Some problems of recognizing and defining separation of the skewed boundary layer. 11 p1777 A67-24051

TAYLOR, F. G.

Cables for aircraft - Design and development. 21 p3572 A67-39073

TAYLOR, F. J.

Lateral stability augmentation of supersonic aircraft using multichannel optimal feedback control. 22 p3746 A67-40155

TAYLOR, F. J. D.

Trans-oceanic aircraft communication via satellite. 09 p1466 A67-22641

TAYLOR, F. M.

Effect of a heated platinum wire on a sealed CO sub 2 laser system. 23 p4011 A67-40784

TAYLOR, F. W.

Helicopter blade slap. 06 p0946 A67-17910

TAYLOR, G.

Experiments on the deformation of niobium single crystals. I. 14 p2339 A67-29030

Experiments on the deformation of niobium single crystals. II. 14 p2339 A67-29031

TAYLOR, G. E.

A brief review of visual satellite tracking. 15 p2437 A67-30084

TAYLOR, G. R.

A photometric technique for deriving slopes from lunar orbiter photography. 19 p3230 A67-35322

TAYLOR, H. A., JR.

Lower E-region ion concentrations measured at a time of declining solar activity. 14 p2310 A67-28049

TAYLOR, H. E.

Adiabatic motion of outer-zone particles in a model of the geoelectric and geomagnetic fields. 03 p0410 A67-12953

Latitude local-time dependence of low-energy cosmic-ray cutoffs in a realistic geomagnetic field. 22 p3872 A67-39810

TAYLOR, H. L.

Deposition of silicon nitride on metal-coated substrates. 15 p2540 A67-29932

TAYLOR, H. P.

Technique of observing the 5-mm self-emission from the oxygen of the earth's atmosphere to obtain a vertical sense. [RASSA PAPER 1-10-144] 03 p0418 A67-14251

TAYLOR, H. S.

Qualitative aspects of resonances in electron-atom and electron-molecule scattering, excitation, and reactions. 02 p0269 A67-12449

TAYLOR, J. B.

Destruction of magnetic surfaces by magnetic field irregularities. 10 p1686 A67-23463

Anti-symmetric toroidal containment systems. 12 p1970 A67-25251

Magnetic moment under short-wave electrostatic perturbations. 18 p3093 A67-34755

Inlet duct-engine exhaust nozzle airflow matching for the supersonic transport. [AIAA PAPER 67-754] 23 p3928 A67-40988

TAYLOR, J. C.

Disturbance of a rarefied plasma by a supersonic body on the basis of the Poisson-Vlasov equations. I. 08 p1363 A67-21368

Disturbance of a rarefied plasma by a supersonic body on the basis of the Poisson-Vlasov equations. II. 17 p2909 A67-33205

TAYLOR, J. E.

The strongest column - An energy approach. 17 p2960 A67-32421

Minimum mass bar for axial vibration at specified natural frequency. 21 p3728 A67-38890

TAYLOR, J. H.

Near infrared atmospheric absorption over a 25-km horizontal path at sea level. 10 p1629 A67-22744

TAYLOR, J. H., JR.

Lunar occultations of five radio sources. 05 p0891 A67-16402

TAYLOR, J. P.

The effect of fin design on the induced rolling moment characteristics of sounding rockets. 08 p1405 A67-20503

An automated method of computing aeroelastic body loads. 08 p1405 A67-20505

TAYLOR, J. R.

Artificial red aurora. I. 16 p2664 A67-30977

Artificial red aurora. II. 16 p2664 A67-30978

TAYLOR, L.

Birds versus aircraft. I. 22 p3746 A67-39845

Birds versus aircraft. II. 24 p4094 A67-42278

TAYLOR, L. S.

Decay of mutual coherence in turbulent media. 11 p1818 A67-24415

TAYLOR, L. W., JR.

Identification of human response models in manual control systems. 15 p2432 A67-30315

TAYLOR, M. F.

A method of correlating local and average friction coefficients for both laminar and turbulent flow of gases through a smooth tube with surface to fluid bulk temperature ratios from 0.35 to 7.35. 20 p3422 A67-36941

TAYLOR, M. J.

A system for continuous high efficiency pumping of crystal laser rods. 20 p3461 A67-37290

TAYLOR, P. T.

Global analysis of seismic refraction measurements. 05 p0796 A67-16152

TAYLOR, R. A.

Convective heat transfer in the base region of large space boosters with clustered engines. 16 p2591 A67-30942

- AYLOR, R. E.
Satellite tracking simultaneous-lobing
monopulse receiving system with
polarization diversity
capability. 18 p3020 A67-34110
- AYLOR, R. L.
Synchronized high speed scanning infrared
spectrometer. 13 p2121 A67-27353
Measurements of vibration-vibration
coupling in gas mixtures. 18 p3081 A67-33783
Alteration of electron loss processes in
oxygen magnetoplasma by microwave
absorption. 19 p3271 A67-35077
- AYLOR, R. S.
Broadband doubler using MOS
FETS. 03 p0382 A67-13671
- AYLOR, S. A.
Digital pulse compression radar
receiver. 16 p2630 A67-31738
- AYLOR, S. R.
Australites, Henbury impact glass and
subgreywacke - A comparison of the
abundances of 51
elements. 03 p0512 A67-13900
Properties of lunar
rocks. 15 p2553 A67-29159
Composition of meteorite impact glass
across the Henbury
strewnfield. 16 p2667 A67-31452
- AYLOR, T. C.
Characteristics of soft metals for electrical
connections. 15 p2454 A67-30230
- AYLOR, T. D.
Radiative energy transfer through non-
gray gas layers of small optical
thickness. 15 p2578 A67-29130
Normal shock reflection formulas for a
real gas. 17 p2836 A67-32072
High speed flow past a cone with large
wall injection velocities. 24 p4092 A67-42398
- AYLOR, W. B.
Applications of Saturn-Apollo
systems. 19 p3333 A67-35643
- AYLOR, W. L.
VLF transmission loss calculated from
spectral analyses of
atmospherics. 09 p1464 A67-22442
- AZHMURATOV, I.
Application of the Poincare method to a
set of quasilinear equations /O primeneni
metoda Puankare dlia odnoi sistemy
kvaziliniynykh uravnenii/. 04 p0643 A67-14662
- AZITDINOV, A. N.
Current pause during an electrical
explosion of filaments in air /Tokovaya pauza
pri elektricheskoy vzryve provolochek v
vozdukhe/. 06 p1031 A67-17867
- BAZZIOLI, F.
A new type of cavity
resonator. 17 p2827 A67-32786
- CHAMRAN, A.
Sub-optimal solution of a class of soft-
saturated-control regulator
problems. 02 p0226 A67-12150
- EAGAN, W. P.
Plane layer type apparatus for gas thermal
conductivity
measurements. 10 p1658 A67-23783
- EAGUE, E. C.
Observation of misfit dislocations in GaAs-
Ge heterojunctions. 14 p2366 A67-28497
- EEGARDEN, B. J.
A study of low-energy galactic cosmic rays
from 1961 to 1965. 23 p4051 A67-40809
Atmospheric secondary and re-entrant
albedo protons. 23 p4051 A67-40810
Cosmic-ray production of deuterium and
tritium in the earth's
atmosphere. 23 p3995 A67-40811
- FEEM, J. M.
Surface ion source phenomena and
technology. I. 04 p0689 A67-15013
Surface ion source phenomena and
technology. II. 04 p0638 A67-15014
- EFERTILLER, B. A.
The mass spectra of derivatives of 3-
azabicyclo /3.2.1/ octane, 3-azabicyclo /3.3.1/
nonane, and 8-azabicyclo /4.3.1/
decane. 09 p1458 A67-22057
- EHVER, I.
Problems of the theory of secondary
radiation by impurity centres in
crystals. 20 p3511 A67-37031
- FEIBER, H.
Modern data processing through graphic
image representation with digital computers
/Moderne Datenverarbeitung durch
graphische Bildarstellung bei
digitalrechnern/. 16 p2634 A67-31633
- FECHMANN, J.
On the propagation of electromagnetic
waves in a plasma with negative
ions. 05 p0853 A67-16846
Regimes of plasma acceleration in
inhomogeneous high-frequency and
magnetostatic field in cavity
resonator. 14 p2353 A67-27750
- TEIFEL, V. G.
The atmospheric activity of Jupiter in
1964-1965 according to data of photometric
observations /Atmosferalna aktivnost'
Iupitera v 1964-1965 gg. po dannym
fotometricheskikh
nabludenii/. 22 p3879 A67-39299
- TEIMUROV, F. D.
Problem of the passage of a longitudinal
wave over a pulley /Zadacha perekhoda
prodol'noi volny cherez
blok/. 07 p1261 A67-19163
- TEIPEL, I.
Frictional resistance and heat transfer of
an unsteady incompressible stagnation-point
flow in a magnetic field
/Reibungswiderstand und Waermeuebergang
einer instationaeren, inkompressiblen
Staupunktstroemung mit
Magnetfeld/. 09 p1544 A67-21934
Propagation of weak shock waves in
magnetogas dynamics /Ueber die
Fortpflanzung von schwachen Stosswellen in
der Magnetogasdynamik/. 13 p2166 A67-26647
- TEITELBAUM, H.
Variation of the inner scale of turbulence
with height and the analysis of the
instability at the 100 km
level. 10 p1638 A67-23201
Measurement of the internal scale of the
atmospheric turbulence between 80 and 100
km of altitude /La mesure de l'echelle
interne de la turbulence atmospherique
entre 80 et 100 km
d'altitude/. 12 p1935 A67-25793
- TEJLGARD, J.
Notes on a bonded metal sandwich glider
wing. 22 p3811 A67-39302
- TEKUCHEVA, I. A.
Determination of the optical
characteristics of thin-layer coatings. II /K
voprosu opredeleniya opticheskikh
kharakteristik tonkosloynykh pokrytii.
II/. 01 p0115 A67-11048
- TELEGIN, A. A.
Device for continuous automatic control of
the state of the cutting edges of a cutting
tool /Ustroystvo dlia nepreryvnogo
avtomaticheskogo kontrolia za sostoianiem
rezhushchikh kromok
reztza/. 21 p3626 A67-38059
Photoelectric method for measuring
temperatures in metal cutting
/Fotoelektricheskii metod izmereniia
temperatury pri obrabotke
rezaniem/. 21 p3631 A67-38921
- TELEKY, L. S.
Preferred orientation of olivine crystals in
porphyritic chondrules. 16 p2619 A67-30986
- TELESNINA, R. V.
All-Union Symposium on the Physics of
Thin Ferromagnetic Films, 3rd, Kiev,
Ukrainian SSR, June 17-23, 1966, Proceedings
/Vsesoiuznyi Simpozium po Fizike Tonkikh
Ferromagnitnykh Plenok, 3rd, Kiev,
Ukrainian SSR, June 17-23, 1966,
Materialy/. 12 p1980 A67-25236
- TELFER, T. A.
Final sealing and
encapsulation. 19 p3236 A67-35024
- TELFORD, J. W.
The convective mechanism in clear
air. 04 p0648 A67-14647
Convection below cloud
base. 19 p3253 A67-35919
- TELTSOV, M. V.
Variations in the intensity of outer
radiation belt protons and
electrons. 07 p1243 A67-19828
Measurements of low-energy protons from
Cosmos-41 satellite. 12 p1997 A67-25810
Proton and electron intensity in the outer
radiation belt during the period
1961-1964. 13 p2191 A67-26544
Observation of a diffusion wave of
relativistic electrons in the outer radiation
belt. 13 p2191 A67-26545
- TEMCHENKO, M. E.
Errors in the operation of an inertial
navigation system due to the inaccurate
feeding of initial data into the computer /O
pogreshnostiakh raboty sistemy inertsial'noi
navigatsii pri netochnom vvode v
schetnoreshalushchee ustroystvo nachal'nykh
dannyykh/. 24 p4182 A67-42300
- TEMKIN, A.
Autoionization-Astrophysical, Theoretical,
and Laboratory Experimental Aspects,
Symposium on Atomic Interactions and
Space Physics, Goddard Space Flight Center,
Greenbelt, Md., August 10, 11, 1965,
Papers. 03 p0470 A67-13216
The art and science of calculating
autoionization. 03 p0471 A67-13220
Scattering of electrons from H sub 2
super plus - The method of polarized single-
center orbitals. 20 p3491 A67-37689
- TEMNI, V. V.
Investigation of corpuscles on the Electron
1 and Electron 3 satellites - Preliminary
results. 12 p1996 A67-25804
- TEMNY, V. V.
Model intensity distribution of electrons
trapped in the inner
zone. 19 p3219 A67-35238
- TEMNYI, V. V.
New data on electric fields in the
magnetosphere. 12 p1936 A67-25808
- TEMPLEMAN, J. E.
Automatic landing system 727 airplane.
[AIAA PAPER 67-573] 19 p3258 A67-35969
- TENE, Y.
Analysis of prestressed layered shells with
applications to buckling. 19 p3343 A67-35778
- TENENBAUM, D. M.
Static firing of NASA's 260-inch-diameter
solid rocket motors. 07 p1241 A67-20059
[AIAA PAPER 67-236] Activation and initial test operations of
large rocket engine - Turbopump test
facilities. 18 p3112 A67-33918
Activation and initial test operations of
large rocket engine - Thrust chamber test
facilities. 18 p3019 A67-33929
[AIAA PAPER 67-455]
- TENG, L.
Application of nonlinear filter to short
range missile guidance. 17 p2882 A67-32526
- TENG, R. N.
Advances in light-gas gun model-launching
techniques. 23 p3988 A67-41751
- TENG, Y.-Y.
Plasma radiation from metal grating
surfaces. 20 p3514 A67-37569
- TENGROTH, B.
Carbon dioxide laser hazards to the
eye. 20 p3375 A67-37276
- TENIN, M. B.
Reduction of the "blind heights" effect in
radar measurements of cruising speed /Ob
umen'shenii efekta "slepykh vysot" v
radiolokatsionnykh izmeritelakh patevoi
skorosti/. 07 p1139 A67-19228
- TENIN, N. B.
Discussion of a method for measuring the
harmonic modulation frequency of a pulsed
sequence /PAM/ for a modulation-to-
repetition-frequency ratio greater than unity
/Izmerenie chastoty garmonicheskoi
modulatsii impul'snoi posledovatel'nosti
/AIM pervogo roda/ pri otnoshenii chastoty
modulatsii k chastote povtoreniia, bol'shem
edinit'sy/. 07 p1139 A67-19227
- TENNEKES, H.
Turbulent magnetohydrodynamic channel
flow. 02 p0277 A67-12569
Law of the wall for turbulent boundary
layers in compressible
flow. 08 p1320 A67-20565
- TEODORESCU-TINTEA, C.
On a new functional principle in the
theory of gas turbines based on the Coanda
effect - And turbine fitted with depressive
blades. 20 p3515 A67-36274
- TEODORESCU, C.
Hemodynamic modifications produced by
posture variations - Influence of the anti-G
suit and of tourniquets /Modifications
hemodynamiques produites par les variations
de posture - Influence du costume anti-G et
des tourniquets/. 16 p2616 A67-30754
- TEODORESCU, M.
Experimental investigation of some
particularities of electron motion in a
crossed-field thermionic
converter. 14 p2246 A67-27766
- TEODORESCU, P. P.
Certain dynamic problems in the theory of
elasticity /Sur quelques problemes
dynamiques de la theorie de
l'elasticite/. 03 p0523 A67-13459
Calculation of the elastic quarter space
/Sur le calcul du quart d'espace
elastique/. 07 p1264 A67-20221
The action of concentrated loads in the

- plane problem of the mechanics of deformable solids /Sur l'action des charges concentrees dans le probleme plan de la mecanique des solides deformables/. 10 p1715 A67-22921
- TEODOROVICH, V. P.**
Study of the effect of nickel, silicon, and niobium on the oxidation of titanium at high temperatures /Izuchenie vliyania nikkela, kremniia i niobila na oksilenie titana pri vysokikh temperaturakh/. 07 p1205 A67-19275
- TEPAS, D. I.**
Evoked brain response as a measure of human sleep and wakefulness. 09 p1452 A67-21721
- TEPLIAKOV, D. I.**
Effect of longitudinal target defocusing on the power characteristics of a solar reflector /Vlianie prodol'noi defokusirovki priemnika na energeticheskie kharakteristiki zerkal'noi geloustanovki/. 12 p1896 A67-25323
- TEPOEL, H. E.**
Scan converter for Apollo television. [SMPT PAPER 101-53] 12 p1904 A67-25468
- TEPPER, M.**
Threshold to the world weather watch. 05 p0837 A67-16383
Space technology developments for the world weather watch. 10 p1677 A67-23369
- TEPTIN, A. L.**
Some properties of the solutions of linear difference equations approximating differential equations in the nonoscillation interval. 01 p0107 A67-11251
Estimating the interval of nonoscillation of a finite-difference equation /K voprosu ob otsenke promezhnutka neostsillatsii uravnenia v konechnykh raznostyakh/. 06 p1024 A67-18556
Conditions of validity of the Chaplygin theorem for an elliptic difference equation /Ob usloviakh spravedlivosti teoremy Chaplygina dlia ellipticheskogo raznostnogo uravnenia/. 20 p3479 A67-37722
Estimate of the interval of nonoscillation for a finite-difference equation. 23 p4022 A67-40822
- TER-KRIKOROV, A. M.**
Long-wave-type solutions for quasi-linear elliptic equations in an unbounded strip /Reshenia tipa dlinnykh voln dlia kvazilinelnykh ellipticheskikh uravnenii v neogranichennoi poloze/. 14 p2343 A67-28386
- TER-MARKARIANTS, N. E.**
Determination of the temperature of the underlying surface and of clouds from weather satellites /Opredelenie temperatury podstilaushchey poverkhnosti i oblakov s meteorologicheskikh sputnikov zemli/. 18 p3073 A67-33558
Possibility of tracking a cloud formation on the shadow side of the earth from weather satellites /O vozmozhnosti proslzhivaniia oblachnosti na tenevoi storone zemli s meteorologicheskikh sputnikov/. 18 p3074 A67-33564
- TER-MIKAEILIAN, M. L.**
The use of quasi-classical and balance equations for the design of steady-state lasers. 07 p1197 A67-20245
- TER-MIKAEILIAN, M. L.**
The utilization of semiclassical and rate equations for design of steady-state lasers. 05 p0815 A67-16628
- TER-MINASIANTS, S. M.**
Problem of a supersonic flow past the lower surface of a triangular wing /Zadacha o sverkhzvukovom obtekanii nizheney poverkhnosti treugol'nogo kryla/. 06 p0936 A67-17739
- TERASHIMA, Y.**
Particle aspect analyses of electromagnetic and electrostatic instabilities due to anisotropic velocity distributions. 16 p2722 A67-31560
Particle aspect analysis of drift instability. 19 p3267 A67-34890
- TEREGULOV, I. G.**
Variational methods in nonlinear mechanics of a deformable solid body - Applications to thin shells /K variatsionnym metodam v nelineinoi mekhanike deformiruемого tverdogo tela - Prilozheniia k tonkim obolochkam/. 12 p2027 A67-25621
- TEREKHOV, R. G.**
Experimental study of the elastoplastic deformation of nonuniformly heated rotating disks /Eksperimental'noe issledovanie upravloplasticheskogo deformirovaniia vrashchalushchikhsia neravnomerno nagretykh diskov/. 05 p0907 A67-16019
- TEREKHOVA, S. F.**
Dispersion of the refractive index of CdS sub x Se sub 1 sub minus x and CdTe single crystals in the visible and IR spectral ranges /Dispersia pokazniva zolomennia monokristaliv CdS sub x Se sub 1 sub minus x ta CdTe u vidimil ta infrachervonil oblastiakh spektra/. 16 p2732 A67-31461
- TERENTEV, M. V.**
Ionization of atoms in an alternating electric field. 03 p0474 A67-14375
- TERENTEV, S. N.**
A method of reducing interference in the transmission of digital information through channels with fluctuation noise /Ob odnom sposobe povysheniia pomekhoustoichivosti peredachi tsifrovoy informatsii po kanalam s fluktuatsionnymi shumami/. 16 p2623 A67-31014
- TERENTEV, V. G.**
Results of medical examination of the crew of the cosmic ship Voskhod before and after its flight. 07 p1133 A67-19108
Extreme factors of long-term space flight and health condition requirements for the crew members of spacecraft /Ekstremal'nye faktory dlitel'nogo kosmicheskogo poleta i trebovaniia k sostoiianliu zdorov'ia chlenov ekipazhei kosmicheskikh korabeli/. 16 p2613 A67-30911
- TERENTOVA, A. K.**
A possible family of meteor swarms in periodic comet Pons-Winnecke /O vozmozhnom semeistve meteornykh roev periodicheskoi komety Ponsa-Vinneke/. 13 p2196 A67-26498
- TERESHCHENKO, A. I.**
Dispersion equations for ring systems using rectangular irises. 02 p0214 A67-11903
Calculation of parameters of a lunar line. 05 p0775 A67-16958
- TERESHCHENKO, A. P.**
Experimental studies of the mass transfer in life support systems using metabolic cycles /Ob eksperimental'nom izuchenii massoobmena v sistemakh zhizneobespecheniia, osnovannykh na krugovorote veshchestv/. 20 p3368 A67-36262
- TERESHCHENKO, O. K.**
Determination of the surface potential of gallium arsenide /Viznachennia poverkhnego potentsialu arsenidu galliia/. 21 p3676 A67-37869
- TERESHCHENKO, V. N.**
Certain characteristics of pulsed cascade plasma injectors /Nekotorye kharakteristiki kaskadnykh impul'snykh inzhektorov plazmy/. 19 p3297 A67-35597
- TERESHIN, O. N.**
Antenna with a limited excitation region /Antennas s ogranichennoi oblast'iu vzbuzhdeniia/. 04 p0583 A67-15148
Antenna with a limited excitation region. 15 p2443 A67-29335
- TERESHINA, G. N.**
Amplitude modulation with the use of a p-n junction capacitance /Amplitudnaya modulatsiia s primeneniem emkost' p-n-perekhoda/. 18 p2999 A67-33507
- TERINA, G. I.**
Pulse distortion in an ionospheric plasma /Ob iskazhenii impul'sov v ionosfernoi plazme/. 07 p1143 A67-19594
On distortion of pulses in ionospheric plasma. 20 p3384 A67-37334
- TERKELSEN, B. E.**
The effect of unidirectional solidification on the properties of cast nickel-base superalloys. 20 p3469 A67-37383
- TERN-MINASIAN, G. G.**
Creation of spacecraft life support systems /Problemy sozdaniia sistem zhizneobespecheniia kosmicheskikh korabeli/. 13 p2061 A67-26753
- TERNEAUD, A.**
Variation of the refractive index of glass subjected to a focused laser beam /Variation de l'indice de refraction d'un verre soumis a un faisceau laser focalise/. 12 p1951 A67-25148
- TERNOVSKII, F. F.**
Some effects caused by diamagnetism of the winding of a superconducting solenoid /O nekotorykh effektakh, obuslovlennykh sverkhprovodlashchego solenoida/. 06 p1051 A67-18207
Effects due to diamagnetism of the winding of a superconducting solenoid. 17 p2922 A67-33221
- TERPOGOSIAN, A. S.**
Investigation of laser action in ruby and neodymium glass in the case of axicon pumping /Issledovanie generatsii v rubine i neodimovom stekle pri aksikonnoi nakachke/. 16 p2684 A67-30460
- TERPUGOV, A. K.**
Single-parameter flows of an ideal gas with an infinite electrical conductivity /Odnoparametricheskie techeniia ideal'nogo gaza s beskonechnoi elektroprovodnost'iu/. 05 p0855 A67-17114
- TERPUGOVA, N. S.**
Potential accuracy of plasma-parameter estimates obtained by methods of mathematical statistics /O potentsial'noi tochnosti otsenki parametrov plazmy metodami matematicheskoi statistiki/. 20 p3471 A67-37601
- TERRELL, J.**
Quasi-stellar objects - Possible local origin. 04 p0700 A67-15199
- TERRILL, R. M.**
Flow through a porous annulus. 16 p2662 A67-31551
- TERRILL, W. R.**
Nuclear Brayton cycle powerplants for space applications. 24 p4186 A67-42550
- TERRY, C. T.**
Review of mathematical models which describe human response to acceleration. [ASME PAPER 66-WA/BHF-13] 04 p0564 A67-15402
- TERRY, E. L.**
Static and repeated loading characteristics of joints in beryllium structures. 13 p2123 A67-27132
- TERSKOV, I. A.**
Experimental biological life support system. II. 19 p3180 A67-35236
Algal continuous culture as a component of the closed ecological system /Neprierynaia kul'tura mikrovdoroslei v kachestve zvena zamknutoi ekologicheskoi sistemy/. 24 p4114 A67-41844
Gas exchange between man and a microalgae culture during a 30-day experiment /Gazoobmen mezhdu chelovekom i kul'turoi mikrovdoroslei v 30-sutochnom eksperimente/. 24 p4114 A67-41845
- TERUMICHI, Y.**
Higher harmonics of the anomalous cyclotron emission from partially ionized plasma. 03 p0476 A67-13358
Generation of harmonics of the plasma waves excited near electron cyclotron harmonics. 06 p1046 A67-18831
- TERZIAN, Y.**
Radio observations of CTA 102. 08 p1397 A67-21186
An upper limit to circularly polarized radiation from the Crab Nebula. 19 p3316 A67-35802
- TESHIMA, K.**
Fundamental study of gun shock tunnel. 11 p1773 A67-24577
- TESKE, R. G.**
Profiles of the Ca II H and K reversals near solar minimum. 14 p2387 A67-28561
- TESSMAN, J. R.**
Maxwell - Out of Newton, Coulomb, and Einstein. 03 p0469 A67-13719
- TESTARDI, L. R.**
Magnet-quantum-electric effect in solid-state plasmas. 13 p2184 A67-27691
- TETELBAUM, D. I.**
Temperature dependence of the concentration and mobility of current carriers in silicon doped with boron and phosphorus by ion bombardment /Temperaturnaia zavisimost' kontsentratsii i podvizhnosti nositelei toka v kremnii, legirovannom borom i fosforom metodom ionnoi bombardirovki/. 15 p2541 A67-30240
The physical properties of Ge and Si bombarded by different ions of medial energies /20 to 150 kev/. 17 p2916 A67-32839
- TETELMAN, A. S.**
The stress distribution produced by screw dislocation pile-ups at rigid circular cylindrical inclusions. 04 p0707 A67-14403
Fracture of structural materials. 12 p2013 A67-25362
The effect of small drilled holes on the notch toughness of iron base alloys. 16 p2688 A67-31304
- TETENBAUM, S. J.**
Observation of an emission peak at plasma cutoff. 17 p2901 A67-32369
Cyclotron harmonic resonances in an electrodeless discharge. 21 p3662 A67-37757

- Cyclotron harmonic resonances in the frequency conversion output power of a plasma. 22 p3851 A67-39724
- TETER, M. P.**
Formation of excited molecular states in the positive column of a helium discharge. 09 p1548 A67-22368
- TETERIN, M. P.**
Investigation of the gas flow in the region of incidence of a shock wave on a cylinder situated in a flow at high supersonic velocity /Issledovanie techenia gaza v oblasti padeniia skachka uplotneniia na tsilinder obtekaemyi potokom bol'shoi sverkhzvukovoi skorosti/. 14 p2297 A67-27995
- Investigation of the gas flow and heat transfer in the region of incidence of a compression shock on a cylinder situated in a flow of high supersonic velocity /Issledovanie techenia gaza i teploperedachi v oblasti padeniia skachka uplotneniia na tsilinder, obtekaemyi potokom bol'shoi sverkhzvukovoi skorosti/. 18 p3027 A67-34206
- TETUKHIN, V. V.**
Titanium alloy ingots /Slitki titanovykh splavov/. 03 p0447 A67-13925
- TEVELOV, F. L.**
Microwave interferometer measurements in shocked air. 15 p2470 A67-29490
- TEWARSON, R. P.**
The product form of inverses of sparse matrices and graph theory. 10 p1673 A67-22833
- TEWELES, S.**
Quasi-biennial cycles in angular momentum transports at 500 mb. 15 p2512 A67-29201
- TEWELL, J. R.**
Simulator studies of MOL tracking experiments. 08 p1317 A67-21105
- Design considerations for an EVA simulator. 17 p2832 A67-31994
- Ground based evaluation of EVA. 22 p3780 A67-40153
- TEWORDT, L.**
Temperature and purity dependence of the nuclear-spin relaxation rate in the gapless region of type-II superconductors. 03 p0499 A67-13937
- Theory of the density of states of pure type-II superconductors in high magnetic fields. 15 p2533 A67-29089
- TEXERAU, J.**
Observing Saturn's edgewise rings, October, 1966. 10 p1710 A67-23564
- TEXIER, F.**
MHD conversion fluid obtained by combustion of hydrocarbons /Le fluide de conversion M.H.D. obtenu par combustion des hydrocarbures/. 24 p4099 A67-42415
- TEZCAN, S. S.**
Nonlinear analysis of thin plates by framework method. 21 p3728 A67-38877
- THADDEUS, P.**
Laboratory measurement of microwave absorption in models of the atmosphere of Venus. 03 p0394 A67-12949
- THALER, G. J.**
Control system analysis and design using a parameter space method. 01 p0047 A67-11216
- System performance of control systems with two nonlinearities. 08 p1310 A67-20342
- Analysis and design of missile and aircraft control systems. 09 p1483 A67-22489
- THAMBYAPILLAI, T.**
Moon solar daily variation at a depth of 60 metres water equivalent. 18 p3116 A67-33514
- THAMES, F. C.**
Spanwise leading-edge blowing on a 75 deg half-cone body. 02 p0178 A67-12225
- THARP, N. B.**
Solid-state equipment improves mission reliability. 22 p3771 A67-39840
- THAU, F.**
Elements of the Kalman filtering technique. I - Theory. 01 p0048 A67-11257
- Elements of the Kalman filtering technique. II. 06 p1028 A67-17720
- THAU, F. E.**
A comparison of closed-loop and open-loop optimum systems. 01 p0048 A67-11225
- Quasi-optimum three-axis control of a space vehicle. 22 p3899 A67-39190
- THAU, S. A.**
Diffractions of horizontal shear waves by a parabolic cylinder and dynamic stress concentrations. [ASME PAPER 66-WA/APM-13] 04 p0713 A67-15405
- THAYER, G. D.**
A rapid and accurate ray tracing algorithm for a horizontally stratified atmosphere. 09 p1464 A67-22450
- THAYER, W. W.**
Comparative evaluation of flight control power distribution systems for hypersonic aircraft. 17 p2800 A67-31970
- THE HUNG, N.**
Theory of Langmuir probes in plasmas containing negative ions - Properties of the sheath. 19 p3296 A67-35587
- THEDE, A. L.**
Correlation of dose rate and spectral measurements in the inner Van Allen belt. 19 p3313 A67-35189
- THEENHAUS, R.**
Measurements of temperature and density of driver and shock heated plasma in an electromagnetic shock tube. 19 p3293 A67-35399
- THEISEN, J. G.**
Turbulence/upset studies on jet transports. [AIAA PAPER 66-1002] 02 p0181 A67-12304
- Vortex periodicity in wakes. [AIAA PAPER 67-34] 06 p0987 A67-18349
- THEKAEKARA, M. P.**
Automatic filter method in spectrophotometry. 05 p0805 A67-16370
- THELANDER, J. A.**
Use of variational analysis in aerospacecraft design. [AIAA PAPER 66-486] 13 p2054 A67-27584
- Variational analysis - Applications and solution techniques related to aircraft optimization problems. [AIAA PAPER 67-557] 19 p3174 A67-35954
- THEOBALD, R. T.**
An error analysis of navigation using inertial guidance and radar tracking. 11 p1817 A67-24334
- THEOCARIS, P. S.**
Inelastic buckling of rib-cored sandwich cylinders under external hydrostatic pressure. 04 p0719 A67-15936
- Flexural vibrations of plates by the Moire method. 12 p1966 A67-25293
- Moire topography of curved surfaces. 17 p2960 A67-32455
- THEODORIDIS, G. C.**
Measurements of 1/2 to 4 mev trapped protons in the equatorial magnetosphere. [AFCL-66-865] 03 p0505 A67-12835
- Charged particle transmission through spherical plate electrostatic analyzers. 14 p2320 A67-28746
- A study of energetic electrons in the radiation belts with Hitch-hiker I. 20 p3517 A67-36371
- Space and time variations in outer-belt electron spectra. 22 p3873 A67-39822
- THEODOROU, D. G.**
Optical detectors using Bendix Channeltron multipliers. 17 p2858 A67-32480
- THEODURE, J. G.**
Micro-alloying beryllium for improved sintering characteristics and mechanical properties. 13 p2140 A67-27130
- THEON, J. S.**
Temperature measurements in noctilucent clouds. 19 p3251 A67-34951
- Some observations on the thermal behavior of the mesosphere. 19 p3226 A67-35924
- THEVENIN, J. J.**
Australian radar network /Le reseau radar Australien/. 17 p2834 A67-32749
- THEXTON, M. W.**
Wide-band multi-channel transient monitor system. 05 p0809 A67-17537
- THEYE, M. L.**
Abnormal skin effect in thin metallic films /Effet de peau anormal dans les couches minces metalliques/. 02 p0288 A67-11723
- THIBAUT, R.**
Stability and identification of a parametric system with a periodically varying rectangular wave excitation /Stabilite et identification d'un systeme parametrique a excitation periodique en creneaux/. 04 p0592 A67-14912
- Quasi-aligned field flows in the magnetodynamics of fluids /Sur les ecoulements a champ quasi-aligne en magnetodynamique des fluides/. 20 p3496 A67-36272
- THIELE, G. A.**
Calculation of the current distribution on a thin linear antenna. 02 p0212 A67-11610
- THIELE, O. W.**
Comparison of rocketsonde and radiosonde temperatures and an evaluation of computed rocketsonde pressure and density. 14 p2347 A67-28885
- Upper atmosphere pressure measurements with thermal conductivity gages. 22 p3829 A67-40470
- THIELS, R.**
Transient response of practical MOS single-polarity integrated circuits. 15 p2452 A67-29940
- THILLAYS, J.**
Gallium arsenide lasers - Powerful light sources. 10 p1666 A67-23521
- THIM, H. W.**
Potential distribution and field dependence of electron velocity in bulk GaAs measured with a point-contact probe. 03 p0499 A67-13985
- Temperature effects in bulk GaAs amplifiers. 10 p1612 A67-23371
- Carrier generation and switching phenomena in n-GaAs devices. 20 p3510 A67-36853
- THIOUNN, M.**
Method of averages and resonance problems in wave mechanics /Sur la methode des moyennes et les problemes de resonance en mecanique ondulatoire/. 10 p1679 A67-22842
- The problem of resonances in wave mechanics and the anomalous dispersion of light /Sur le probleme des resonances en mecanique ondulatoire et la dispersion anormale de la lumiere/. 17 p2884 A67-32704
- THIRY, Y.**
Action variables and Delaunay's theory of the moon /Les variables actions et la theorie de la lune de Delaunay/. 18 p3118 A67-33687
- THODOS, G.**
Viscosity correlation for para-hydrogen in the gaseous and liquid states. 05 p0873 A67-17224
- THOENES, J.**
Hypersonic flow of air past a circular cylinder with non-equilibrium oxygen dissociation including dissociation of the free stream. 03 p0351 A67-13000
- THOIN, J.-C.**
Effect of the nonionized atmosphere on measurements of the Doppler-Fizeau effect - Case of satellite tracking /Effet de l'atmosphere non ionisee sur la mesure de l'effet Doppler-Fizeau - Cas de location d'un satellite/. 03 p0369 A67-13530
- THOM, K.**
NASA research on collective effects in collisionless plasmas. 14 p2362 A67-29037
- THOMANN, H.**
Data reduction using the least square method. 06 p1024 A67-18389
- THOMAS, A.**
Frame noise - Sound emission from spark-ignited bubbles of combustible gas. 01 p0168 A67-11290
- THOMAS, A. A.**
Proliferative pulmonary lesions in monkeys exposed to high concentrations of oxygen. 15 p2428 A67-29276
- Evaluation of animals continuously exposed to a 5 psia pure oxygen atmosphere for eight months. 23 p3952 A67-41574
- THOMAS, A. M.**
Micrometer U-tube manometers for medium-vacuum measurements. 08 p1332 A67-21493
- THOMAS, A. T.**
The tensile deformation behaviour of an aluminium-magnesium alloy. 01 p0093 A67-10060
- THOMAS, B. M.**
A method of synthesizing radiation patterns with axial symmetry. 02 p0213 A67-11615
- THOMAS, B. S.**
Smoothing and unfolding the data of beam-collision experiments. 17 p2886 A67-33261
- THOMAS, C.**
Fibre Reinforced Materials. 22 p3820 A67-39590
- THOMAS, C. E.**
Optical spectrum analysis of large space bandwidth signals. 02 p0243 A67-12049
- THOMAS, C. H.**
Feedback control of a Q-switched ruby laser. 05 p0822 A67-16676
- THOMAS, C. M.**
Optimization of phase-lock demodulator for single channel voice. 16 p2629 A67-31529
- THOMAS, D. G.**
Auger recombination of excitons bound to neutral donors in gallium phosphide and

- silicon. 04 p0682 A67-15463
Two-electron transitions in the
luminescence of excitons bound to neutral
donors in gallium 06 p1051 A67-18210
phosphide. A review of radiative recombination at
isoelectronic donors and acceptors. 06 p1062 A67-18929
- THOMAS, D. J. D.**
The structure of silicon oxide
films. 21 p3687 A67-39139
- THOMAS, E. C.**
Recovery of potable water from human
urine in a space cabin simulator with an
open cycle air evaporation
system. 23 p3969 A67-41631
- THOMAS, E. N.**
Some observations on the utility of
multispectral photography for urban
research. 01 p0058 A67-10309
- THOMAS, E. U.**
Hermetic seal, leak rate, and vacuum
terminology. 16 p2683 A67-31728
- THOMAS, F.**
Determination of the buffet limit for
aircraft wings in the transonic velocity
regime /Die Ermittlung der
Schuettelgrenzen von Tragflugeln im
transsonischen Geschwindigkeitsbereich/.
23 p3931 A67-41311
- THOMAS, G.**
Design and construction of an oscillator
which is phase-controlled by a periodically
interrupted standard wave /Etude et
realisation d'un oscillateur asservi a la phase
d'une onde etalon periodiquement
interrompue/. 02 p0210 A67-11530
Structure and high-strength
metals. 03 p0442 A67-13303
Surface oxide films and the lifetime of
vacancies in thin crystals. 08 p1369 A67-20794
Spin-wave interaction with a laser beam in
YIG. 12 p1953 A67-25749
Defects in neutron irradiated
molybdenum. 17 p2872 A67-32740
- THOMAS, G. L.**
An application of self-lubricated composite
materials.
[ASLE PREPRINT 67AM 7A-3] 14 p2326 A67-28791
- THOMAS, G. M.**
Measurements of the continuum and
atomic line radiation from high temperature
air. [AIAA PAPER 67-95] 06 p1114 A67-18279
Experimental and theoretical study of
molecular, continuum, and line radiation
from planetary atmospheres.
[AIAA PAPER 67-323] 12 p2037 A67-26038
The factorization of empirical
distributions. 16 p2664 A67-30971
- THOMAS, G. R.**
The effect of diurnal temperature changes
on the F₂-layer. 16 p2663 A67-30987
- THOMAS, H.**
Excitation and range of electrons in
metals and their determination by thin film
methods. 02 p0289 A67-11728
Low resistivity epitaxial layers of
silicon. 03 p0494 A67-13485
- THOMAS, H. E.**
Handbook of electronic instruments and
measurement techniques. 15 p2490 A67-30232
- THOMAS, H. H.**
Rare earth abundances in an anorthosite
and a mangerite. 03 p0513 A67-14006
Rare-earth and barium abundances in the
Bununu howardite. 07 p1249 A67-19537
Rare-earth and barium abundances in
Ivory Coast tektites and rocks from the
Bosumtwi Crater area, Ghana. 24 p4236 A67-42645
- THOMAS, H. T.**
Submicron boron nitride as a grease
thickener. II.
[ASLE PREPRINT 67AM 2C-2] 14 p2325 A67-28785
- THOMAS, J.**
Vibration characteristics of cantilever
blading. 12 p2014 A67-25414
Systematic investigation of high-lift
characteristics in a wind-tunnel model with
the application of different leading- and
trailing-edge lift-augmentation devices
/Systematische Untersuchung des
Hochauftriebsverhaltens an einem
Windkanal-Baukastenmodell bei Verwendung
verschiedener Vorder- und
Hinterkantenauftriebshilfen/.
23 p3934 A67-41309
Matrix displacement analysis of coupled
bending-bending vibrations of pretwisted
blading. 23 p4078 A67-41329
- THOMAS, J. B.**
On truncation error bounds for sampling
representations of band-limited
signals. 04 p0570 A67-14871
- THOMAS, J. M.**
Knudsen forces in the intermediate
pressure range. 04 p0603 A67-14731
- THOMAS, J. P.**
Measurement of creep properties of high
temperature structural
adhesives. 09 p1522 A67-22505
Space environment simulator of the
National Space Studies Center at Bretigny-
sur-Orge /Simulateur d'ambiance spatiale du
Centre National d'Etudes Spatiales de
Bretigny-sur-Orge/. 16 p2654 A67-30675
- THOMAS, K. S.**
Measurement of beta, n, and T sub 1 in
high- and low-pressure
operation. 21 p3662 A67-37755
- THOMAS, L.**
Ionospheric implications of aurora and
airglow studies. 18 p3033 A67-33584
- THOMAS, L. B.**
A collection of some controlled surface
thermal accommodation coefficient
measurements. 13 p2223 A67-26942
Determination of the thermal
accommodation coefficients of gases on
clean surfaces at temperatures above 300
deg K by the temperature jump
method. 13 p2223 A67-26943
- THOMAS, M.**
Observations of comets, minor planets, and
Jupiter VIII. 01 p0148 A67-10386
A comparison of shroud-mounted with
tank-mounted high-performance
insulation. 13 p2214 A67-27655
Stagnation-point heating including spectral
radiative transfer. 16 p2591 A67-30940
- THOMAS, P. E.**
New high strength magnesium casting
alloys for aerospace applications.
[SAE PAPER 660656] 01 p0094 A67-10615
- THOMAS, P. G.**
Multifunction airborne
radar. 11 p1754 A67-25007
Large-screen displays. 15 p2486 A67-29302
- THOMAS, P. J.**
Flexible circuitry, performance and
selection factors. [ASME PAPER 67-DE-52] 14 p2341 A67-28882
- THOMAS, R. A.**
A pressure insensitive fluidic temperature
sensor. 14 p2318 A67-28345
- THOMAS, R. B., JR.**
Magnetic corrections to the Boltzmann
transport equation. 04 p0659 A67-15773
- THOMAS, R. D.**
Automatic star trackers for aircraft
navigation. 04 p0655 A67-15661
Electron-ion recombination in helium
afterglows. 19 p3270 A67-35071
- THOMAS, R. G.**
Something new in escape
equipment. 14 p2256 A67-27744
- THOMAS, R. H.**
Systems aspects of solid-state differential
amplifiers. 11 p1768 A67-24823
- THOMAS, R. K., JR.**
Immediate and subsequent effects of brain
damage in rats. 09 p1454 A67-22058
- THOMAS, R. L.**
A flush cavity VOR/localizer
antenna. 04 p0590 A67-15906
- THOMAS, S. J.**
Kinetic energies of ions produced by laser
giant pulses. 04 p0633 A67-15099
- THOMAS, T. J.**
Determination of normal force and
pitching moment characteristics of bodies of
revolution at finite angles of attack -
Extension of cross flow
technique. 22 p3740 A67-39943
- THOMAS, T. R.**
Heat losses through rarefied
fluids. 10 p1731 A67-22725
Superconducting contacts under
mechanical loads. 10 p1688 A67-22904
- THOMASSEN, K. I.**
Turbulent diffusion in a Penning-type
discharge. 02 p0276 A67-12559
- THOMASSON, F. T.**
Helicopter personnel escape, protection
and survival system. 17 p2794 A67-31999
- THOMASSON, P.**
Observations of planetary nebulae at three
microwave frequencies. 16 p2752 A67-31624
- THOME, G. D.**
Travelling waves in the F region over
Arecibo associated with a magnetic
disturbance. 15 p2483 A67-30299
- THOME, P. G.**
Landed operations of capsule systems.
[AAS PAPER 66-61] 07 p1259 A67-19997
- THOMKE, G. J.**
Effect of a shoulder modification on
turbulent supersonic base
flow. 10 p1592 A67-23156
- THOMMA, W.**
Investigation of the sintering process
during formation of solid
solutions. 01 p0096 A67-10695
- THOMMEN, K.**
Effects of low-temperature electron
irradiation on the electrical properties of
undoped GaSb. 22 p3862 A67-40000
- THOMOVA, M.**
A method for solving linear differential
equations with given boundary conditions on
an analog computer /O jedne metode reseni
linearnich diferencialnich rovnice se zadanymi
okrajovymi podminkami na analogovem
pocitaci/. 17 p2818 A67-32296
- THOMPSON, A. B.**
Determining the effectiveness of fractional
G levels in reducing circulatory
deconditioning of space flight crews - A new
technique and preliminary
results. 01 p0018 A67-11397
- THOMPSON, A. G.**
Reflectance of GaAs, GaP, and the GaAs
sub 1 - sub x P sub x
alloys. 03 p0501 A67-14355
- THOMPSON, A. R.**
The radio source 3C 17. 12 p2011 A67-26249
- THOMPSON, A. W.**
Facility planning for Philadelphia
airport. 21 p3608 A67-38806
- THOMPSON, B.**
Composite cesium ionizers with enhanced
lifetime characteristics.
[AIAA PAPER 66-219] 14 p2376 A67-28124
- THOMPSON, B. A.**
Radiation equilibria pertinent to planetary
atmospheres. 03 p0513 A67-14088
Some comments on the Venus
temperature. 04 p0699 A67-14952
- THOMPSON, B. J.**
Application of hologram techniques for
particle size analysis. 10 p1653 A67-22748
Holography - A status
report. 18 p3043 A67-33546
- THOMPSON, B. R.**
Non-linear cylindrical bending of flat
plates. 22 p3910 A67-39480
- THOMPSON, C. J.**
Enthalpies of formation and bond energies
of some fluoramines. 23 p3971 A67-40975
- THOMPSON, D. C.**
The accuracy of thermistors in the
measurement of upper air
temperatures. 13 p2117 A67-27608
- THOMPSON, E.**
Energy spreading and stabilization of
plasma by applying a high-frequency electric
field. 16 p2714 A67-30873
- THOMPSON, E. D.**
Design of storable propellant pressure
vessels.
[SAE PAPER 660677] 01 p0160 A67-10582
- THOMPSON, E. G.**
Hot cracking studies of Inconel 718 weld
heat affected zones. 22 p3818 A67-39222
- THOMPSON, G.**
Flight testing of radio navigation aids for
civil aviation. 09 p1528 A67-22629
- THOMPSON, H. D.**
Optimum thrust-nozzle contours for gas-
particle flows.
[AIAA PAPER 66-538] 21 p3565 A67-38875
- THOMPSON, H. M.**
Laser-driven detonation waves in
gases. 18 p3092 A67-34734
- THOMPSON, I. H.**
Time-dependent internal solutions for
spherically symmetrical bodies in general
relativity. I. 16 p2746 A67-30865
- THOMPSON, J. D.**
Thrust reverser effectiveness on high
bypass ratio fan powerplant installations.
[SAE PAPER 660736] 01 p0140 A67-10635
Communication
satellites. 06 p1094 A67-18050
- THOMPSON, J. G.**
Modeling and compensation of nonlinear
systems using sensitivity
analysis. 16 p2650 A67-31674

- THOMPSON, J. L.**
A digital laser rangefinder for data acquisition. 09 p1465 A67-22622
- THOMPSON, J. M. T.**
Dynamic buckling under step loading. 14 p2397 A67-28089
- THOMPSON, J. R.**
Sonic boom and the SST. 03 p0360 A67-13921
Sonic boom and the SST - An examination of the sonic boom and its effects. 11 p1743 A67-24038
- THOMPSON, L. B., JR.**
A technique for handling and transporting large solid rocket motors. [AIAA PAPER 67-266] 07 p1164 A67-20047
- THOMPSON, L. J.**
Role of transpharyngeal pressure gradients in determining intrapulmonary pressure during immersion. 22 p3751 A67-39604
- THOMPSON, L. P.**
Identification of Saturn V launch vehicle support systems requirements and establishment of baseline logic for vehicle prelaunch processing simulation and systems optimization. [AIAA PAPER 67-248] 07 p1165 A67-20066
Saturn V launch vehicle systems analysis application. [AIAA PAPER 67-248] 21 p3607 A67-37806
- THOMPSON, M. C.**
Radio-optical dispersion observed over a 25-km tropospheric path. 16 p2627 A67-31363
- THOMPSON, M. C., JR.**
Antenna aperture size effect on tropospheric phase noise. 03 p0385 A67-13864
Progress in radio propagation in nonionized media. 05 p0760 A67-16009
- THOMPSON, M. L.**
A direct method for estimating Lagrange's multipliers in trajectory optimization problems. 22 p3885 A67-39963
- THOMPSON, M. O.**
Progress report on the manned lifting body flight test program. [AIAA PAPER 66-838] 03 p0519 A67-14127
Lifting-body flight test program. 06 p0947 A67-18197
- THOMPSON, P. A.**
Transonic flow in curved channels. [ASME PAPER 67-FE-11] 14 p2242 A67-28360
A 14 Tesla 15-cm bore superconductive magnet. 20 p3512 A67-37347
- THOMPSON, R. A.**
System selection for a low-temperature fuel cell power plant. 20 p3363 A67-37012
- THOMPSON, R. K.**
Analyses and tests of thermal scale models of a simulated spacecraft. 11 p1773 A67-24346
- THOMPSON, R. S.**
Thickness dependence of kappa sub 2 and related problems for superconducting alloy films in strong fields. 14 p2371 A67-28723
- THOMPSON, R. V.**
The switching of supersonic gas jets by atmospheric venting. 08 p1279 A67-20436
- THOMPSON, T.**
The DODGE television system. 20 p3452 A67-37571
- THOMPSON, T. W.**
Mapping of lunar radar reflectivity at 70 centimeters. 02 p0324 A67-11856
- THOMPSON, W. B.**
Difference-frequency harmonic-ion heating. 15 p2521 A67-29188
- THOMPSON, W. D., JR.**
Aerodynamics of the Cessna tandem twins. [SAE PAPER 670243] 12 p1894 A67-25498
- THOMPSON, W. E.**
Carbon trioxide - Its production, infrared spectrum, and structure studied in a matrix of solid CO sub 2. 05 p0759 A67-16838
- THOMPSON, W. I., III**
Observations bearing on the Kippenhahn-Schluter quiescent prominence model. 20 p3528 A67-37469
- THOMPSON, W. J.**
V/STOL's and the purchase problem. 04 p0551 A67-14803
- THOMPSON, W. P.**
Turbulent spots and wall roughness effects in shock tube boundary layer transition. 08 p1322 A67-21382
- THOMPSON, W. R.**
Design and development of a test facility for the disposal of hydrogen at high flow rates. 13 p2092 A67-27652
- THOMPSON, W. S.**
Methods of design stage reliability analysis. 09 p1572 A67-22310
- THOMS, R. L.**
Stiffness matrix of an unsymmetric nodal ring element for matrix-displacement analysis of rib-stiffened shells. 22 p3914 A67-40191
- THOMSEN, T. C.**
The effect of orbiter and capsule constraints on the Voyager mission profile. 20 p3532 A67-36564
- THOMSON, A. F. H.**
Ring-laser accuracy. 03 p0438 A67-13992
- THOMSON, E. T.**
The "inside out" differential transformer. 01 p0075 A67-11137
Basic displacement transducers. 23 p4008 A67-41422
- THOMSON, J. D.**
Flammability limits of hydrogen-oxygen-nitrogen mixtures at low pressures. 07 p1239 A67-19077
- THOMSON, J. H.**
U.S.S.R.-U.K. planetary radar experiment. 14 p2285 A67-28403
Two dimensional aperture synthesis in lunar radar astronomy. 14 p2385 A67-28442
- THOMSON, R. A. E.**
Microwave radiation and its effect on response to X-radiation. 10 p1599 A67-23815
Effects of electromagnetic radiations on physiologic responses. 10 p1600 A67-23824
- THOMSON, W. J.**
Effects of reinforcement intervals in paired-associate learning. 21 p3576 A67-39100
- THORBURN, E. K.**
Diffraction limited concentric optics. 04 p0658 A67-15322
- THORKELSON, TH. R.**
Development and application of integrated TTL circuits /Entwicklung und Anwendung integrierter Schaltkreise der TTL/. 13 p2082 A67-27388
- THORNER, K. K.**
The tunneling time of an electron. 20 p3505 A67-36178
- THORNBURG, D. R.**
Thermoelectric materials from powder metallurgy. 01 p0099 A67-10709
- THORNE, G. H.**
Fluidics component design utilizing wave phenomena produced by interacting jets. 23 p3936 A67-41421
- THORNE, J. A.**
Silicones in outer space. 15 p2508 A67-29557
- THORNE, K. S.**
Primordial element formation, primordial magnetic fields, and the isotropy of the universe. 12 p2010 A67-26240
Computer programs for calculating general-relativistic curvature tensors. [JPL-TR-32-1122] 14 p2276 A67-28847
Gravitational collapse. 24 p4228 A67-42309
- THORNE, R. M.**
Quasi-trapped VLF propagation in the outer magnetosphere. 08 p1327 A67-21462
Unstable growth of unducted whistlers propagating at an angle to the geomagnetic field. 08 p1328 A67-21463
The existence of intermediate waves in neutral sheets. 11 p1862 A67-24499
- THORNTON, B. S.**
Design of parametric phase-locked subharmonic oscillator circuits for 3 GHz information rates. 07 p1153 A67-19610
Digital study of a stability analogy. 20 p3517 A67-37488
- THORNTON, D. D.**
Observations of Jupiter, Saturn, and Mercury at 1.53 centimeters. [AD-653438] 05 p0892 A67-16409
The microwave spectrum of Venus in the frequency range 18-36 Gc/sec. 11 p1865 A67-24601
Measurement of the cosmic microwave background temperature at 1.5-cm wavelength. 15 p2551 A67-30161
- THORNTON, H. R.**
Lubrication with electrodeposited films of silver-rhenium and gold-molybdenum. 19 p3233 A67-34789
- THORNTON, J. A.**
Development of electrodeless MHD accelerator technology. 21 p3607 A67-37778
- THORNTON, J. D.**
Hydrazine synthesis in the silent electrical discharge. 10 p1603 A67-23498
- THORNTON, P. R.**
The scanning electron microscope as a means of investigating "second breakdown" and similar phenomena. 02 p0222 A67-12653
Quantitative measurements by scanning electron microscopy. I. 04 p0584 A67-15483
Quantitative measurements by scanning electron microscopy. II. 04 p0584 A67-15484
Localized breakdown in Ge mesa diodes due to inclusions. 04 p0584 A67-15486
Failure analysis of microcircuitry by scanning electron microscopy. 09 p1473 A67-22017
- THORP, J. S.**
An amplifier design using MOS transistors. 03 p0382 A67-13670
Analysis of the EPR spectrum of ruby using variance techniques. 15 p2536 A67-29499
Influence of crystalline imperfections on spin-lattice relaxation in ruby. 16 p2728 A67-31054
- THORP, W.**
Design of thermoelectric generator modules using silicon-germanium alloy. 09 p1445 A67-22180
- THORPE, T. E.**
Optimization of stress concentrations at holes in rotating discs. 23 p4077 A67-41154
- THORSEN, A. C.**
Edge effects in the tunneling characteristics of superconducting diodes. 24 p4128 A67-41868
- THORSEN, R.**
Friction and heat transfer characteristics in turbulent swirl flow subjected to large transverse temperature gradients. [ASME PAPER 67-HT-24] 20 p3546 A67-36718
- THOSTENSEN, T. O.**
Mariner-Mars absorptance experiment. [AIAA PAPER 65-650] 03 p0448 A67-13055
- THOUREL, L.**
Y-shaped circulators /Circulateurs en Y/. 23 p4041 A67-41213
- THRING, M. W.**
Design of flames with predetermined visual radiation /Das Entwerfen von Flammen mit vorausbestimmter sichtbarer Strahlung/. 08 p1425 A67-20303
Plasma technology /Plazmennala tekhnologiya/. 17 p2899 A67-32187
- THROOP, J. W.**
A mathematical analysis of electrochemical machining phenomena. [ASTME PAPER WES-7-09] 11 p1798 A67-24254
- THROWER, K. R.**
The racalator - An alternative to frequency synthesis. 15 p2445 A67-29586
- THROWER, P. A.**
The interaction between dislocation loops and straight dislocations in an anisotropic material, graphite. 08 p1346 A67-20797
- THRUSH, B. A.**
The recombination of nitrogen atoms and the nitrogen afterglow. 06 p0956 A67-18761
The association of oxygen atoms and their combination with nitrogen atoms. 06 p0956 A67-18761
The rates of elementary processes in the chain reaction between hydrogen and oxygen. III. 11 p1749 A67-24238
- THUE, M.**
Influence of propagation factors on the temperature of noise of a receiver at hyperfrequencies /Influence des facteurs de propagation sur la temperature de bruit d'un recepteur aux hyperfrequences/. 12 p1904 A67-25308
- THUEMMLER, F.**
Investigation of the sintering process during formation of solid solutions. 01 p0096 A67-10695
- THUILLIER, J. C.**
Quantum effects on capacitance of p-n junctions. 06 p1065 A67-18951
- THUILLIER, J. M.**
Quantum effects on capacitance of p-n junctions. 06 p1065 A67-18951
- THUN, R. E.**
Recent developments in the vacuum deposition of electronic film circuits. 09 p1503 A67-22099
- THUNBERG, F. W., JR.**
Application of thermoelectric cooling to avionics system LRU's. 05 p0754 A67-17454
- THURBER, J. K.**
Short and long wavelength disturbances of a two-component collisionless plasma, with polarization parallel to a uniform magnetic field. 14 p2356 A67-28201
Plane wave propagation in kinetic theory. 17 p2905 A67-32927
Plane wave propagation in kinetic theory. 17 p2885 A67-32928

- THURBER, W. R.**
Experimental evidence concerning the conduction band of SrTiO sub 3. 06 p1059 A67-18906
Superconductivity in semiconducting SrTiO sub 3. 06 p1069 A67-18980
Shubnikov-de Haas effect in SrTiO sub 3. 18 p3104 A67-34592
- THURMAN, J. L.**
Internal ballistics of slotted-tube, solid-propellant rocket motors. 11 p1852 A67-24352
- THURSTON, R. S.**
Pressure oscillations induced by forced convection heating of dense hydrogen. 13 p2107 A67-27670
- THURTELL, G. W.**
An integrating pyranometer for climatological observer stations and mesoscale networks. 21 p3628 A67-38580
- THUST, P.**
The reflection coefficient of a parabolic-reflector antenna illuminated by a radiator with sector-shaped radiation pattern. 11 p1767 A67-24716
- TIAGAI, V. A.**
Effect of a transverse electric field on the mobility of photocurrent carriers in CdS single crystals /Vlianie poperechnogo elektricheskogo polia na podvizhnost' nositelei fototoka v monokristallakh CdS/. 13 p2174 A67-26369
Chemical sensitization of cadmium sulfide single crystals /Prokhlidichnu sensibilizatsiu monokristaliv sulfidu kadmiliv/. 13 p2174 A67-26401
Influence of a transverse electric field on the mobility of photocarriers in CdS single crystals. 21 p3680 A67-38325
- TIAINEN, P. O.**
Dependence of decametric radio emission from Jupiter on the positions of the first two Galilean satellites. 23 p4069 A67-41362
- TIAPKINA, N. D.**
Electrical properties of p-type germanium strongly alloyed with beryllium /Elektricheskie svoystva sil'no legirovannogo germania p-tipa s berillium/. 04 p0679 A67-15144
Electrical properties of heavily doped p-type germanium containing beryllium. 12 p1979 A67-25167
- TIASIO, M. I.**
Taking into account the effect of currents in the Akasofu-Chapman model radiation belt on the cutoff rigidity of cosmic rays /Uchet vlianiia tokov v model'nom radiatsionnom polase Akasofu-Chepmena na zhestkost' otsekanii kosmicheskikh luchei/. 05 p0880 A67-16111
Calculation of the influence of the currents in the Akasofu-Chapman model radiation belt on the cosmic ray cutoff rigidity. 24 p4214 A67-42787
- TIBERIO, U.**
The influence of matching between ionic and electronic gas in phenomena of amplitude-amplitude ionospheric intermodulation /Sulla influenza dell'accoppiamento fra i gas elettronico e ionico nei fenomeni di intermodulazione ionosferica ampiezza-ampiezza/. 13 p2070 A67-27196
- TICE, W.**
Amorphous boron fibers. 08 p1343 A67-21313
- TICK, L. J.**
Estimation of coherence. 20 p3476 A67-36787
- TIDMAN, D. A.**
Line splitting of plasma radiation and solar radio outbursts. 02 p0307 A67-11691
Comments on "kinetic structure of a plasma." 02 p0279 A67-12800
Enhanced fluctuations in plasmas. 11 p1839 A67-24546
Possible observations of collisionless electrostatic shocks in laser-produced plasmas. 11 p1840 A67-24561
Turbulent shock waves in plasmas. [SR-1] 13 p2162 A67-26281
The earth's bow shock wave. [SR-2] 13 p2107 A67-26301
- TIDWELL, D. R.**
Consistent stiffness matrices in the analysis of shells. 10 p1725 A67-23714
- TIDWELL, E. D.**
Spectroscopic temperature measurements in a low-pressure magnetically confined argon plasma. 20 p3499 A67-37028
- TIEMANN, J. J.**
Electron tunneling in metal-semiconductor barriers. 02 p0280 A67-11483
Piezotransmission measurements of phonon-assisted transitions in semiconductors. I. 13 p2179 A67-27157
Experimental aspects of tunneling in metal-semiconductor barriers. 18 p3105 A67-34635
- TIEN, C.**
Laminar natural convection heat transfer from vertical plate to power-law fluid. 16 p2780 A67-31553
- TIEN, C. L.**
Total specular reflectance of rough metallic surfaces. 04 p0723 A67-15232
Study of the interaction between radiation and conduction by a differential method. 04 p0738 A67-15868
Radiant heat transfer for nongray metallic surfaces at low temperatures. [AIAA PAPER 67-335] 12 p2038 A67-26049
Penetration of temperature waves in a random medium. 18 p3159 A67-34007
Appropriate mean absorption coefficients for infrared radiation of gases. [ASME PAPER 67-HT-10] 20 p3545 A67-36708
Effect of small spacings on radiative transfer between two dielectrics. [ASME PAPER 67-HT-21] 20 p3546 A67-36716
- TIEN, J. S.**
Non-steady burning phenomena of solid propellants. Theory and experiments. 15 p2580 A67-29984
- TIERNAN, K. E.**
Digital generation of continuous, filtered Gaussian noise. 02 p0194 A67-11809
- TIES, S.**
Design procedures for a multi-element fluidic plate using wall-attachment devices. 08 p1281 A67-20452
- TIETJEN, J. J.**
Vapor phase growth of gallium arsenide microwave diodes. 03 p0379 A67-13477
Vapor-phase growth of GaAs sub 1 sub -x P sub x room-temperature injection lasers. 11 p1802 A67-24741
Rapid vapor phase growth of high-resistivity GaP for electro-optic modulators. 11 p1848 A67-24747
- TIETSCH, R. A.**
A zero-crossing pulse shape discriminator for space applications. 12 p1945 A67-25857
- TIFFANY, C. F.**
Some fracture considerations in the design and analysis of spacecraft pressure vessels. [ASM PAPER C6-2.3] 23 p4079 A67-41408
- TIFFANY, O. L.**
Scientific exploration of the moon using a roving vehicle. 08 p1316 A67-21085
Use of an earth analog in lunar mission planning. 16 p2747 A67-30991
Use of an earth-analog in lunar mission planning. 22 p3887 A67-40142
Post-Apollo lunar mission planning. 22 p3888 A67-40144
- TIFFANY, W. B.**
Selective laser photocatalysis of bromine reactions. 17 p2868 A67-32772
- TIFFT, W. G.**
Astronomy, space, and the moon. 03 p0513 A67-14098
A proposed multispectral photography experiment for AES lunar orbital mission. [AFCLR-66-796] 08 p1331 A67-21081
- TIGNOL, I.**
Improvement of reliability by use of variable capacitors at low frequencies in integrated circuits /Amelioration de la fiabilite par utilisation aux basses frequences des capacites variables dans les circuits integres/. 13 p2081 A67-27293
- TIHANYI, J.**
Observation of surface phenomena on semiconductor devices by a light spot scanning method. 09 p1472 A67-21949
- TIIT, V. M.**
Study of receivers for measuring ultraviolet radiation in the upper atmosphere and in outer space /Issledovanie priemnikov, prednaznachennykh dla izmereniia ul'trafiolietovogo izlucheniia v verkhnei atmosfere zemli i kosmicheskoi prostanstve/. 13 p2121 A67-27335
- TJEDMAN, H.**
Theoretical and experimental results for the dynamic response of pressure measuring systems. 03 p0418 A67-12998
- TIKEKAR, V. G.**
Heat transfer in a flow of viscous incompressible fluid in a cylinder and cylindrical annulus. 14 p2408 A67-28892
- TIKHAIA, V. A.**
Complex effect of accelerations and ionizing radiations on conditioned reflexes of rats /Kompleksnoe deistvie uskorenii i ioniziruiushchikh izlucheniia na uslovnye refleksy krysi/. 23 p3943 A67-40772
- TIKHINSKII, G. F.**
Beryllium ageing. 13 p2136 A67-27105
Oxidation of beryllium. 13 p2136 A67-27107
Investigation into plastic behaviour of zone refined and prestrained Be single crystals. 13 p2137 A67-27111
Ageing of beryllium alloys with chromium and zirconium. 19 p3245 A67-35472
- TIKHOMIROV, B. A.**
Design of a disk of arbitrary profile with allowance for the radial temperature gradient /K raschetu diska proizvol'nogo profil'a s uchetom gradienta temperatur po radiusu/. 03 p0429 A67-13331
- TIKHOMIROV, E. P.**
Oxygen balance of the organism during prolonged accelerations /Kislorodnyi balans organizma pri dlitel'nykh uskoreniiakh/. 02 p0188 A67-12329
- TIKHOMIROV, M. V.**
Ion-molecular reactions of hydrogen with inert gases /Ionno-molekul'nyye reaktsii vodoroda s blagorodnykh gazami/. 17 p2808 A67-32141
- TIKHOMIROV, V. I.**
The role of nitrogen in the oxidation of titanium in air at elevated temperatures. 21 p3643 A67-37828
- TIKHONOV, A. A.**
CaF sub 2 Dy super 2 giant pulse laser with high repetition rate. 05 p0822 A67-16674
- TIKHONOV, A. M.**
Utilization of heat regeneration and high gas temperatures in helicopter gas-turbine engines /O primenenii regeneratsii tepla i povyshennykh temperatur gaza v vertoletnykh gazoturbinnykh dvigatelakh/. 11 p1852 A67-24525
- TIKHONOV, A. N.**
Direct methods of solving optimal-control problems /O prinyatnykh metodakh resheniia zadach optimal'nogo upravleniia/. 13 p2149 A67-27618
Nonlinear effect of the formation of a self-sustaining high-temperature electrically conducting gas layer in unsteady MHD processes /Nelineinyy efekt obrazovaniia samopodderzhivaiushchegosia vysoko-temperaturnogo elektroprovodnogo sloia gaza v nestatsionarnykh protsessakh magnitnoi gidrodinamiki/. 14 p2355 A67-27839
- TIKHONOV, E. O.**
Effect of internal modes on ruby laser performance /Vpliv vnutrishnikh mod na robotu optichnogo kvantovogo generatora na rubini/. 13 p2125 A67-26398
Effect of the optical inhomogeneities of an active substance on the radiation-field structure of a ruby laser /Pro vpliv optichnykh neodnorodnostei aktivnoi rechovin na strukturu polia viprominivaniia optichnogo kvantovogo generatora na rubini/. 24 p4166 A67-42070
- TIKHONOV, G. A.**
Statistical method for determining computer errors with the aid of an analog computer /Statisticheskii metod opredeleniia oshibok schetno-reshaiushchikh ustroystv pri pomoshchi analogovykh vychislitel'nykh mashin/. 16 p2633 A67-30464
- TIKHONOV, V. B.**
Analysis of one-dimensional MGD-flows in generalized energy coordinates /Analiz odnomenykh MGD-techenii v obobshchennykh energeticheskikh koordinatakh/. 01 p0119 A67-10170
Axisymmetric gas flow in a channel of constant cross section with m greater than 1 /Osesimmetrichnoe techenie gaza v kanale postoiannogo secheniia pri m greater than 1/. 04 p0669 A67-15514
- TIKHONOV, V. I.**
A calculation of the effect of rectification at a contact on the characteristic of thin film field triodes. 01 p0035 A67-10397
Dispersion of the number of zeros in the realization of a random signal /Dispersiia chisla vybrosov v realizatsiiakh sluchainogo signala/. 11 p1754 A67-24985
Quasi-optimal nature of automatic frequency control /Kvazioptimal'nyi kharakter chastotnoi avtopodstroiki chastoty/. 13 p2069 A67-27037
Probability of tunneling across an impurity level /O veroiatnosti tunnelirovaniia cherez

- primesnyi uroven'/. 18 p3099 A67-33695
- TIKHONOV, V. V.**
Heat capacity of NdS, LaSe, and LaTe /Teplotemkost' Nds, LaSe i LaTe/. 05 p0867 A67-17056
Specific heat of NdS, LaSe, and LaTe. 15 p2538 A67-29787
- TIKHONOVA, A. A.**
Formation temperatures for evaporated epitaxial germanium films. 06 p1046 A67-17551
- TIKHONOVA, L. A.**
Investigation of the generation of rho super plus and n super ' super plus super plus resonances in the pi super plus p goes to pi super plus p pi super 0 reaction at a pi super plus -meson momentum of 2.34 Gev/c /Issledovanie rozhdeniia rezonansov rho super plus i n super ' super plus super plus v reaktsii pi super plus p goes to pi super plus p pi super 0 pri impul'se pi super plus -mezonov 2.34 Gev/c. 24 p4193 A67-42856
- TIKHONOVICH, V. I.**
Effect of irradiation on certain characteristics of niobium and its alloys /Vliianie obлучeniia na nekotorye kharakteristiki niobila i ego splavov/. 17 p2874 A67-32898
- TILFORD, S. G.**
Observation of the D super 1 delta goes to x super 1 sigma super plus transition of CO in the vacuum-ultraviolet region. 02 p0269 A67-12450
The forbidden I super 1 sigma super minus -X super 1 sigma super plus absorption bands of carbon monoxide. 05 p0848 A67-16847
Carbon monoxide in the solar ultraviolet spectrum. 08 p1399 A67-21235
Excitation and photon emission rates of the auroral nitrogen first positive group. 10 p1650 A67-23338
- TILGER, C. A.**
Charged double pion production in pi super plus P scattering at 910 Mev/c. 19 p3266 A67-36100
- TILLMAN, F. A.**
Optimization of systems reliability. 20 p3556 A67-37316
- TILLOTSON, J. H.**
Summary report on the theory of hypervelocity impact. 04 p0710 A67-15004
- TILLOY, E.**
The Soviet space effort and the Cosmos satellites /L'effort spatial Sovietique et les satellites Cosmos/. 17 p2956 A67-32724
- TILLY, G. P.**
Fracture behavior of two creep-resistant materials subjected to cyclic loading at elevated temperature. 09 p1517 A67-21556
Cumulative strain behaviour of a nickel-chromium alloy and an 11 per cent chromium martensitic type of steel under the action of cyclic loading. 12 p2015 A67-25420
Strain and rupture behavior under high-stress reversals. 23 p4019 A67-41155
- TILTON, H. B.**
Principles of scenographic CRT displays. 20 p3450 A67-36985
- TIMAN, B. L.**
Some peculiarities of the volt-ampere characteristics of thin CdS single crystals with non-ohmic contacts. 02 p0296 A67-11831
Dependence of current on time in the In-CdS-In system at various voltages /Zavisimost' sily toka ot vremeni v sisteme In-CdS-In pri razlichnykh napriazheniakh/. 03 p0490 A67-13157
Investigation of the charge that forms in cadmium sulfide crystals under the effect of an applied electric field /Issledovanie zariada, obrazulushchegosia v kristallakh sul'fida kadmila pod deistviem prilozhennogo elektricheskogo polia/. 05 p0868 A67-17065
Dependence of current on time in the system In-CdS-In under various voltages. 10 p1690 A67-23105
Investigation of the charge formed in cadmium sulfide crystals under the action of an applied electric field. 15 p2538 A67-29796
- TIMBAL, J.**
Dynamic ventilatory work during muscular exertion at an altitude of 2000 m /Le travail dynamique ventilatoire au cours de l'exercice musculaire a 2,000 d'altitude/. 04 p0561 A67-14631
- TIME, N. S.**
Absorption and black-body temperature variations of the atmosphere. 11 p1785 A67-23956
- TIMLECK, P. L.**
Interpretation of the statistics of occurrence of Alouette I earth echoes. 17 p2852 A67-33236
- TIMM, G. K.**
Obstacle-induced flow recirculation. 06 p0937 A67-17918
- TIMMAN, R.**
Optimization theory for ordinary differential equations. 22 p3826 A67-39194
- TIMME, A.**
On the inviscid instability of certain two-dimensional vortex-type flows. 23 p3990 A67-41169
- TIMMERHAUS, K. D.**
A pressure-drop study of Freon-11, near saturation. 13 p2106 A67-27668
Superconducting devices. 22 p3808 A67-40398
- TIMMINS, A. R.**
Effectiveness of environment-simulation testing for satellites. 04 p0598 A67-15230
- TIMNAT, Y. M.**
Experimental investigation of turbulent swirling flames. 11 p1882 A67-24217
- TIMOFEEV, A. D.**
Motion of a current layer in a coaxial plasma gun /Dvizhenie tokovogo sloia v koaksial'noi plazmennoi puske/. 15 p2525 A67-29250
Observation of the flow layer and acceleration of plasma in a coaxial plasma gun /Issledovanie tokovogo sloia i uskorenii plazmy v koaksial'noi plazmennoi puske/. 15 p2529 A67-29718
- TIMOFEEV, A. N.**
On the mechanism of lattice electromigration in metals. 07 p1209 A67-19647
- TIMOFEEV, A. V.**
Flute oscillations of a rarefied plasma in the presence of a noncompensated space charge /O zhelobkovykh kolebaniakh razrezhennoi plazmy pri nalichii nekompensirovannogo prostranstvennogo zariada/. 02 p0278 A67-12619
Flute oscillations of a tenuous plasma in the presence of uncompensated space charge. 13 p2170 A67-27375
- TIMOFEEV, B. B.**
Special problems in skin effect theory /Spetsial'nye zadachi teorii poverkhnostnogo efekta/. 22 p3768 A67-39566
- TIMOFEEV, G. A.**
On the Coulombic interaction influence upon the electron distribution in the radiation belts at low altitudes in the magnetic anomaly region. 10 p1702 A67-23299
Coulomb relaxation of the electrons of the earth's radiation belts in dense atmospheric layers /Kulonovskaya relaksatsiia elektronov radiatsionnykh polasov zemli v plotnykh sloiakh atmosfery/. 14 p2378 A67-27918
- TIMOFEEV, I. U. M.**
Some questions on thermal atmospheric sounding. 02 p0239 A67-12377
Applicability of approximate methods of determining atmospheric inhomogeneity to the calculation of the transmission function of the water-vapor rotational band /O primenimosti priblizhennykh metodov ucheta neodnorodnosti atmosfery pri vychislenii funktsii propuskaniia vrashchatei'noi polosy vodianogo para/. 13 p2151 A67-26682
- TIMOFEEV, N. N.**
Histochemical investigation of tissue enzymes during hypothermia and hypobiosis /Gistokhimicheskoe issledovanie tkaneykh fermentov pri gipotermii i gipobriozе/. 24 p4112 A67-41853
- TIMOFEEV, V. A.**
Graphical method for plotting the frequency characteristics of a closed-loop automatic control system from the phase-amplitude characteristic of the open-loop system /Graficheskii sposob postroeniia chastotnykh kharakteristik zamknutoi sistemy avtomaticheskogo regulirovaniia po amplitudno-fazovoi kharakteristike razomknutoi sistemy/. 10 p1621 A67-23852
- TIMOFEEV, V. B.**
Use of the Fabry-Perot interferometer in the determination of the instrumental function of a spectrographic device /Vikoriistannia interferometra Fabri-Pero dlia viznachennia aparatnoi funktsii spektral'nogo priladu/. 02 p0246 A67-12479
- TIMOFEEV, V. P.**
Effect of deformation conditions on the heat resistance and softening of nickel /Vliianie rezhlmov deformatsii na razuprochnenie i zharoprochnost' nikelia/. 16 p2687 A67-30846
- TIMOFEVA, G. G.**
Current layer kinematics in a plasma accelerator /Kinematika tokovogo sloia v plazmennom uskoritele/. 05 p0855 A67-16996
Diffusional dispersion of a plasmoid and the optimum length for a plasma accelerator. 09 p1545 A67-22001
Obtaining electron fluxes from an arc discharge plasma in metal vapor /Poluchenie elektronnykh potokov iz plazmy dugovogo razriada v parakh metallov/. 09 p1548 A67-22327
- TIMOFEVA, T. IA.**
Supersonic gas flow past blunt bodies - Theoretical and experimental studies /Obtekanie zatuplennykh tel sverkhzvukovym potokom gaza - Teoreticheskoe i eksperimental'noe issledovanie/. 03 p0349 A67-12851
Manifestation of the effects of variable heat capacity of the gas in supersonic flow past blunt bodies /Proiavlennie effektiv peremennoi teploemkosti gaza pri sverkhzvukovom obtekanii zatuplennykh tel/. 16 p2592 A67-31113
- TIMOFEVA, V. A.**
Relation between the attenuation coefficients of oriented and diffusive light fluxes /Zavisimost' mezhdu koefitsientami oslablenia napravlennogo i diffuznogo svetovykh potokov/. 13 p2151 A67-26686
- TIMOFEVA, V. N.**
Investigation of the electric conductivity of the arsenic-sulfur-germanium system in the vitreous state. 06 p1052 A67-18810
Electric conductivity of glasses with the composition AsSe sub x S sub 1.5 sub -x Ge sub y. 06 p1052 A67-18611
- TIMOKHINA, I. I.**
Current pause during an electrical explosion of filaments in air /Tokovaya pauza pri elektricheskoi vzryve provolok v vozduke/. 06 p1031 A67-17867
- TIMONINA, L. T.**
Surface hardening of titanium by nitrogen and carbon using high-frequency induction heating. 19 p3242 A67-34919
- TIMOSHENKOV, V. P.**
Balancing of multitorotor trochoidal engines /Uravnoveshivanie mnogorotornykh trochoidalnykh dvigatelei/. 21 p3696 A67-38910
- TIMOSHKOVA, E. I.**
Determination of an elliptic-type orbit in a generalized problem of two stationary centers /Ob opredelenii orbity ellipticheskogo tipa v obobshchennoi zadache dvukh nepodvizhnykh tsentrov/. 09 p1565 A67-21902
- TIMOTHY, A. F.**
The performance of open structure photomultipliers in the 1100-angstrom units to 250-angstrom units wavelength region. 19 p3231 A67-35683
- TIMOTHY, J. G.**
The performance of open structure photomultipliers in the 1100-angstrom units to 250-angstrom units wavelength region. 19 p3231 A67-35683
- TIMOTHY, K. O.**
Singularity in differential amplifiers. 22 p3771 A67-39862
- TIMROT, D. L.**
Thermal conductivity and emissivity of niobium at temperatures above 1000 deg C. 09 p1517 A67-21856
Viscosity and thermal conductivity of the vapors of sodium and potassium. 09 p1579 A67-21865
- TIMUKHIN, G. I.**
Flow of viscous incompressible fluid in the inlet section of a flat channel /Tehenie viazkoi neshzhimaemoi zhidkosti na vkhodnom uchastke ploskogo kanala/. 20 p3423 A67-37066
- TINDO, I. P.**
Study of soft corpuscular radiation by the lunar satellite Luna-10 /Izuchenie miagkoi korpuskuliarnoi radiatsii na sputnike luny Luna-10/. 01 p0145 A67-10907
Study of lunar X-ray emission with the aid of the lunar orbiter Luna 10 /Issledovanie rentgenovskogo izlucheniia luny s pomoshch'iu sputnika luny "Luna-10"/. 05 p0886 A67-16051
Cases of brief increase of the flux of heavy nuclei accompanying X-radiation bursts. 07 p1242 A67-19113
Investigation of lunar X-ray emission with

- the help of the lunar satellite
Luna-10. 21 p3701 A67-37838
- TINER, N. A.**
Corrosion of metals by flowing liquid
fluorine compounds. 13 p2143 A67-27688
- TING, C. S.**
On deformation and
strength. 16 p2771 A67-31295
- TING, C.-Y.**
Infinite cylindrical dielectric-coated
antenna. 11 p1757 A67-23972
- TING, D.**
Insulation requirements for Voyager
mission. [AIAA PAPER 67-777] 24 p4257 A67-42945
- TING, L.**
Periodic vibrations of systems governed
by nonlinear partial differential
equations. 06 p1034 A67-18640
Motion and decay of a vortex
ring. 16 p2660 A67-31212
The infinitely long partial arc self-acting
gas bearing - A method of solution for the
full range of the compressibility
number. 19 p3237 A67-35866
A note on the mixing of two parallel
subsonic streams. 23 p3991 A67-41667
- TING, T. W.**
Elastic-plastic torsion of a square
bar. 07 p1264 A67-20293
Elastic-plastic torsion
problem. II. 20 p3536 A67-36429
- TINKELEBERG, A. D.**
Crew safety - A combination of many
disciplines. [AIAA PAPER 67-934] 24 p4245 A67-43024
- TINKHAM, M.**
Thin film experiments on
superconductivity of the second
kind. 02 p0291 A67-11739
Tunneling into superconducting films in a
magnetic field. 17 p2924 A67-33371
Parallel field dependence of vortex
pinning in superconducting
films. 18 p3101 A67-33990
- TINKLEPAUGH, J. R.**
Ceramic-metal fiber
composite systems. 03 p0450 A67-13312
- TINKLEPAUGH, K. N.**
Personnel thermo-protective
systems. 23 p3967 A67-41612
Personnel thermo-protective systems. II.
[AIAA PAPER 67-967] 24 p4117 A67-43045
- TINLING, B. E.**
A split-damper inertially coupled passive
gravity-gradient attitude control
system. 24 p4241 A67-42904
- TIPNIS, V. A.**
The influence of stress-state and inclusion
content on ductile fracture with rotation.
[ASME PAPER 67-MET-9] 12 p1956 A67-25950
- TIPPING, K. J.**
Low cost time delay and multiple
programmer for space
research. 12 p1909 A67-25230
- TIPTON, D. L.**
Experimental investigations of closed-loop
MPD power generation. 16 p2602 A67-30557
- TIRONI, G.**
Scattering of waves by a medium with
strong fluctuations of refractive
index. 07 p1141 A67-19441
Non-linear heat transfer between two
parallel plates according to a model with
correct Prandtl number. 13 p2223 A67-26960
- TIRUMALES, D.**
Discontinuous solutions in supersonic
reacting gas flows. 06 p0984 A67-18112
Nozzle flows with coupled vibrational and
dissociational nonequilibrium.
[AIAA PAPER 66-520] 06 p0992 A67-18851
Two-phase flow equations for turbulent
boundary-layer-type flows. 23 p3993 A67-41748
- TIRUNARAYANAN, M. A.**
Correlation of isothermal pressure drop in
rectangular ducts. 10 p1627 A67-23555
- TIRUNARAYANAN, N. A.**
Frictional pressure drop in laminar and
turbulent flow in isosceles-triangular ducts.
[ASME PAPER 67-FE-18] 14 p2243 A67-28365
- TISCHER, F. J.**
Gas prism for light
beams. 07 p1141 A67-19406
Gas-lens type deflection structure for light
beams. 07 p1188 A67-19789
Slot compensation in a standing-wave
meter at millimeter
waves. 23 p4000 A67-41220
- TISCHLER, A. O.**
Liquid propellant space rockets /Les
fusees spatiales a propergol
liquide/. 20 p3515 A67-36880
- TISHCHENKO, M. A.**
Luminescent properties of some complex
compounds of terbium with pyrazolone
derivatives /Luminestsentnye soedinstva
nekotorykh kompleksnykh soedinenii terbiia
s proizvodnymi
pirazolona/. 03 p0433 A67-12888
Luminescence properties of some terbium-
pyrazolone derivative
complexes. 06 p1012 A67-18768
- TISHCHENKO, M. I.**
Changing of the psychophysiological state
of the organism by autogenous and
exogenous suggestion /Izmenenie
psikhoфизиологического состояния организма
путем аутогенного и экзогенного
внушения/. 24 p4112 A67-41855
- TISSIER, M.**
FM/PM and FM/FM radiotelemetry in
proportional and constant bands - Theory
regulation, and performance /Radio-
telemesures FM-pM et FM-FM a bande
proportionnelle et a bande constante -
Theorie, reglage,
performances/. 21 p3587 A67-39050
- TITENKOV, A. F.**
Measurement of the effective cross
section of the inelastic interaction of
protons with carbon nuclei at energy levels
of 10 super 10 to 10 super 12 ev by the
Proton-1 satellite /Izmereniia effektivnykh
sechenii neuprugogo vzaimodelstvia
protonov s ladrami ugleroda pri energiyakh
10 super 10 -10 super 12 ev na iz
Proton-1/. 02 p0315 A67-12757
Measurement of the energy spectrum of
primary cosmic rays in the energy range
from 10 super 10 to 10 super 14 ev with the
aid of the satellite Proton 1 /Izmerenie
energeticheskogo spektra pervichnykh
kosmicheskikh luchei v oblasti energii 10
super 10-10 super 14 ev s pomoshch'yu ISZ
Proton-1/. 05 p0877 A67-16086
Spectrometer of a Proton-type satellite for
primary high-energy cosmic-ray particles
/Spektrometr chastits pervichnogo
kosmicheskogo izlucheniia vysokoi energii
dla ISZ tipa "Proton"/. 17 p2854 A67-32245
Study of the energy spectrum and the
composition of primary cosmic rays in the
high- and superhigh-energy range on the
satellites Proton 1 and 2 /Izuchenie
energeticheskogo spektra i sostava
pervichnykh kosmicheskikh luchei v oblasti
vysokikh i sverkhvysokikh energii na ISZ
"Proton-1" i "Proton-2"/. 17 p2935 A67-32246
Measurements on board the satellite
Proton 1 of the cross sections for inelastic
interaction of protons with carbon nuclei at
energies of 10 super 10-10 super 12
ev. 22 p3876 A67-40259
Study of the form of the energy spectrum of
primary cosmic particles in the energy
range from 10 super 10 to 10 super 14 Ev on
the Proton 1 and 2 space stations /Izuchenie
vida energeticheskogo spektra pervichnykh
kosmicheskikh chastits v diapazone energii
10 super 10 -10 super 14 Ev na
kosmicheskikh stantsiyakh Proton-1 i Proton-
2/. 23 p4054 A67-41091
Energy spectrum of primary protons in
the range from 10 super 10 to 10 super 13
ev according to Proton 1 and 2 data
/Energeticheskii spektr pervichnykh
protonov v oblasti energii 10 super 10 -10
super 13 ev po dannym Protona-1 i Protona-
2/. 23 p4054 A67-41092
Measurements of the energy spectrum of
cosmic rays in the 10 super 10 to 10 super
14 ev range by means of Proton
1. 24 p4212 A67-42762
- TITHERIDGE, J. E.**
Continuous records of the total electron
content of the
ionosphere. 03 p0415 A67-14110
Calculation of the virtual height and
absorption of radio waves in the
ionosphere. 09 p1464 A67-22441
Changes in the topside ionosphere during
a large magnetic storm. 20 p3427 A67-36305
- TITKOV, A. S.**
On a method of measuring reduced
emissivities for a coaxial system of
surfaces. 16 p2780 A67-31778
- TITLEY, S. R.**
Manned exploration of the lunar
surface. 06 p1093 A67-19037
- TITMAN, C. W.**
Experiments on Taylor columns over
holes. 21 p3614 A67-39000
- TITO, D. A.**
A radio occultation experiment to probe
the atmosphere of Venus.
[AIAA PAPER 67-118] 06 p1085 A67-18310
Trajectory design for the Mariner-Mars
1964 mission. 08 p1413 A67-21507
Radio occultation investigations of the
atmosphere of Mars. 13 p2199 A67-26819
[JPL-TR-32-1157]
A radio occultation experiment to probe
the atmosphere of Venus.
[AIAA PAPER 67-118] 22 p3886 A67-40094
- TITOV, V. G.**
New assembly for the study of powerful
interactions of 100 to 1000 Bev at a Tyan-
Shan high-altitude station - Preliminary
results /Novaya ustanovka dlia issledovaniia
sil'nykh vzaimodelstvi pri energiyakh 100-
1000 Bev na Tian'-Shan'skoi vyzokogornoi
stantsii - Pervye
rezul'taty/. 02 p0248 A67-12746
Study of the wave interaction in nonlinear
periodically inhomogeneous lines
/Issledovanie vzaimodelstvia voln v
nelineinykh periodicheskii neodnorodnykh
liniakh/. 19 p3185 A67-36021
- TITOV, V. V.**
Investigation of certain characteristics of
p-n junction photovoltaic energy converters
produced by ion
bombardment. 04 p0680 A67-15284
- TITOVA, A. G.**
Excitation of magnetoelastic
waves. 16 p2733 A67-31733
- TITOVA, N. S.**
Fast helium nuclei in nuclear splittings
/Bystrye ladra geliia v iadernykh
rasschepleniakh/. 24 p4193 A67-42860
- TITTEL, F.**
Radiation effects in glass
lasers. 17 p2867 A67-32374
- TITTMANN, B. R.**
Amplitude-dependent ultrasonic
attenuation in
superconductors. 03 p0492 A67-13325
- TITULAER, C.**
A working model of a solar radio noise
storm. 07 p1256 A67-20169
- TITUS, R. R.**
Alternate mission modes for manned Mars
exploration. 22 p3886 A67-40136
- TIUKAEV, V. I.**
High-temperature materials of advanced
technology and methods for studying their
thermophysical properties at temperatures
up to 3500 deg C /Vysokotemperaturnye
materialy novoi tekhniki i metody
issledovaniia ikh teplofizicheskikh svoystv pri
temperaturakh do 3500 deg
C/. 12 p1939 A67-25321
- TIULENEV, V. N.**
Resonant vibrations of hinged blades
/Rezonansnye kolebania sharnirnykh
lopatok/. 19 p3235 A67-34883
- TIULINA, M. A.**
Investigation of plasma propagation rate in
vacuum during current cutoff /Issledovanie
skorosti rasprostraneniia plazmy pri
razmykanii toka v
vakuume/. 02 p0278 A67-12628
Investigation of plasma propagation rate
when current is switched off in a
vacuum. 13 p2171 A67-27386
- TIULPANOV, R. S.**
Concentration limits of the ignition of
methanol and formaldehyde mixtures /O
kontsentratsionnykh predelakh
vosplamneniia metanol'nykh i
formal'degidnykh smesei/. 12 p2039 A67-26118
Combustion of a polydisperse jet of liquid
fuel /O goreniil' poldispersnogo fakela
zhidkogo topliva/. 21 p3732 A67-38528
- TIULPANOV, S. K.**
N-dimensional Rayleigh distribution
function of the envelope of a signal/noise
mixture /N-mernala releevskala funktsiia
raspredeleniia ogibalushcheli smesi
determinirovannogo signala i normal'nogo
shuma/. 04 p0568 A67-14453
N-dimensional Rayleigh distribution
function of the envelope of the sum of a
deterministic signal and Gaussian
noise. 15 p2435 A67-29290
- TIUNOV, I. A.**
Uncoupled intensity peaks in laser
emission /Nesviazannye piki intensivnosti v
izlucheni lazera/. 03 p0435 A67-13132
Radiation kinetics of a laser with a lens
system and a low-absorption nonlinear

- medium in the resonator. 17 p2868 A67-32663
TIUNOV, L. A.
 Endogenous carbon monoxide formation and its importance in a closed ecological system. 07 p1136 A67-19107
TIUPA, V. I.
 Investigation of fast ions produced in the interaction between escaping electrons and a plasma /Doslidzhennia shvidkikh ioniv, laki vinikaut' pri vzaemodii tikaluchikh elektroniv z plazmou/. 13 p2164 A67-26402
 Measurement of the gas kinetic pressure of the plasma in a paramagnetic current column from the diamagnetic effect /Izmerenie gazokineticheskogo davlenia plazmy paramagnitnogo tokovogo shnura po diamagnitnomu efektu/. 16 p2718 A67-31188
TIURI, M. E.
 Decametric radiation from Jupiter and ionospheric disturbances induced by artificial satellites. 20 p3521 A67-36308
TIURMINA, L. O.
 Effects of the external sources of the geomagnetic field at the altitude of the F2 layer. I /Ob effektivakh vneshnikh istochnikov magnitnogo polia na vysotakh sloia F2. I/. 05 p0800 A67-17119
 Comparison of magnetic-field calculations with measurements obtained by Cosmos 49 /Sopostavlenie raschetnogo geomagnitnogo polia s izmerennym na ISZ "Kosmos-49"/. 10 p1632 A67-22812
 Experience in compiling a geomagnetic map using artificial earth satellite data. 12 p1933 A67-25652
 Analytical representation of the geomagnetic field according to the data of the Cosmos 49 satellite. I /Analiticheskoe predstavlenie geomagnitnogo polia po dannym ISZ "kosmos-49." I/. 14 p2307 A67-27919
 Effects of external sources of the magnetic field at F sub 2 layer heights. I. 21 p3818 A67-38462
 Comparison of the computed geomagnetic field with that measured on the Cosmos-49 satellite. 24 p4150 A67-42149
TIUSHKEVICH, N. I.
 Thermal characteristics of photoresistors /Teplovy kharakteristiki fotosoprotivlenii/. 22 p3801 A67-40214
TIVONCHUK, V. I.
 Variant of a method of averaging functional errors in the solution of linear integral boundary value equations /Ob odnom variante metoda osrednenia funktsional'nykh dlia reshenia lineinykh integral'nykh uravnenii smeshannogo tipa/. 03 p0457 A67-13116
TIWARI, G. R.
 Effect of couple-stresses on the elastic stress distribution in an infinite plate having a circular hole. 18 p3140 A67-33666
TIXIER, M.
 Evolution of the occurrence of radio whistlers between maximum and minimum solar activity /Evolution de l'occurrence des sifflements radioelectriques entre maximum et minimum d'activite solaire/. 01 p0057 A67-10261
TIZENBERG, E. O.
 Structural imperfections in epitaxial silicon layers /Strukturnye nesovershenstva v epitaksial'nykh plenkach kremnii/. 21 p3681 A67-38359
TJULANDER, R. V.
 Man-rating the F-1. [AIAA PAPER 67-519] 18 p3115 A67-33982
TKACHENDO, E.
 A mathematical model of random wave phenomena in hypergolic propellant combustion. [AIAA PAPER 67-517] 18 p3158 A67-33980
TKACHENKO, A. V.
 Evolution of preinversion stratiforms /Ob evoliutsii podynversionnoi sloistoobraznoi oblachnosti/. 11 p1816 A67-24522
TKACHENKO, E. A.
 Application of two-dimensional computations to the study of sub-critical initiation and fadeout in a homogeneous explosive. 18 p3153 A67-33824
TKACHENKO, I. G.
 Properties of the transition metals in terms of the concept of a stable electron configuration /Svoystva perekhodnykh metallov s tochkoi zrenia predstavlenia o stabil'nykh elektronnykh konfiguratsiakh/. 09 p1517 A67-21878
TKACHENKO, V. A.
 A system of triaxial orbital orientation of a space vehicle with incomplete information about its angular position. 22 p3899 A67-39191
TKACHENKO, V. G.
 Structural changes in chromium during deformation /Strukturnye izmeneniia v khrome pri deformatsii/. 13 p2141 A67-27284
TKACHEV, G. N.
 Method of performing ionospheric measurements with the aid of incoherently scattered radio signals /K metodike ionosfernykh izmerenii po nekogerentno rasselannym radiosignalam/. 16 p2632 A67-31901
TKACHEV, O. F.
 Experimental study of the distribution of pulse values on the walls of cylindrical shells during instantaneous release of energy /Eksperimental'noe issledovanie raspredelenia velichin impul'sov na stenakh tsilindricheskikh obolochek pri mgnovennom vydelenii energii/. 21 p3611 A67-38056
TKACHEV, V. D.
 Temperature-induced and optical quenching of emission recombination in gallium arsenide /Temperaturnoe i opticheskoe gashenie izluchatel'noi rekombinatsii v arsenide gallia/. 02 p0254 A67-12741
 Energy spectrum of radiation defects in silicon single crystals. 05 p0872 A67-17547
 Electric and photoelectric properties of fast-neutron-irradiated p-type silicon single crystals /Elektricheskie i fotoelektricheskie svoystva monokristallov kremnii p-tipa, obluchennykh bystryml neutronami/. 10 p1691 A67-23404
 Radiative recombination at radiation defects in silicon structure /Izluchatel'nala rekombinatsia na radiatsionnykh narusheniakh struktury v kremnii/. 13 p2172 A67-26357
 Investigation of the optical quenching of photoconductivity in silicon containing radiation defects /Issledovanie opticheskogo gashenia fotoprovodimosti v kremnii, soderzhashchem radiatsionnye narusheniia/. 13 p2173 A67-26358
 Investigation of structural defects in silicon single crystals bombarded with fast neutrons /Issledovanie defektov struktury v monokristallakh kremnii, obluchennogo bystryml neutronami/. 15 p2541 A67-30236
 Emission recombination in silicon single crystals irradiated with fast neutrons /Izluchatel'nala rekombinatsia v monokristallakh kremnii, obluchennykh bystryml neutronami/. 19 p3301 A67-34775
 Radiative recombination at radiation defects in silicon. 21 p3679 A67-38314
 Investigation of the optical quenching of photoconductivity in silicon containing radiation defects. 21 p3679 A67-38315
 Recombination radiation in GaAs excited with fast electrons. 21 p3680 A67-38316
TKACHUK, P. M.
 Threshold characteristics of photoresistors on a base of cadmium sulfide single crystals /Porogovye kharakteristiki fotorezistorov na osnove monokristallov sulfida kadmia/. 07 p1152 A67-19592
 Threshold characteristics of single crystal cadmium sulfide photoresistors. 20 p3401 A67-37331
TKACHEV, V. D. H.
 Recombination radiation in GaAs excited by fast electrons /Rekombinatsionnoe izluchenie v GaAs pri vzbuzhdenii bystryml elektronami/. 13 p2173 A67-26359
TKALENKO, R. A.
 Thin flat bodies with a minimum wave drag in a nonequilibrium supersonic flow /Tonkie ploskie tela minimal'nogo volnovogo soprotivlenia v neravnovesnom sverkhzvukovom potoke/. 22 p3741 A67-40017
TKALICH, E. F.
 Flow of a conducting gas past magnetized bodies /K obtekanliu namagnichennykh tel provodiashchim gazom/. 13 p2168 A67-27303
 Unsteady one-dimensional motions of a two-component plasma /O nestatsionarnykh odnomykh dvizheniiakh dvukhkomponentnoi plazmy/. 18 p3084 A67-33423
TKALICH, V. S.
 Subsonic flow past profiles in magnetogasdynamics /O dozvukovom obtekanii profilov v magnitnoi gazodinamike/. 01 p0119 A67-10171
 Flow of a conducting gas past magnetized bodies /K obtekanliu namagnichennykh tel

- provodiashchim gazom/. 13 p2168 A67-27303
 The Chaplygin-Sedov hodograph method in magnetogasdynamics /Metod godografa Chaplygina-Sedova v magnitnoi gazodinamike/. 18 p3084 A67-33421
 Contribution to the theory of simple waves /K teorii prostykh voln/. 18 p3084 A67-33422
 Streamlining of profiles in relativistic magnetic hydrodynamics /Ob obtekanii profilov v relativistskoi magnitnoi gidrodinamike/. 21 p3664 A67-38237
TKHORIK, I. U. A.
 Calculation of the transient processes in field triodes with an insulated gate for the saturated mode of operation. 03 p0386 A67-13956
 Junction processes in pulse-type semiconductor diodes /Perekhodnye protsessy v impul'snykh poluprovodnikovykh diodakh/. 07 p1150 A67-19302
 Electrical conductivity of an almost intrinsic semiconductor with a p-n junction /Elektroprovodnost' pochti sobstvennogo poluprovodnika s p-n-perekhodom/. 10 p1695 A67-23662
 Total resistance of a p-i-n diode at high injection levels /O polnom soprotivlenii p-i-n-diody pri vysokikh urovniakh in'ektsii/. 14 p2286 A67-28530
 Electrical conductivity of an almost intrinsic semiconductor with a p-n junction. 17 p2924 A67-33343
 System of pulse parameters of semiconductor diodes /O sisteme impul'snykh parametrov poluprovodnikovykh diodov/. 18 p3009 A67-33474
 Total impedance of a p-i-n diode at high injection levels. 23 p3980 A67-40937
TLAMICHA, A.
 Investigation of solar radio bursts in the frequency range 536-2000 Mc/s. 12 p1993 A67-25132
 Occultation of a noise storm source during the partial solar eclipse of May 20, 1966. 17 p2953 A67-33403
 A solar radiospectrograph for the 30 to 300-MHz range /Slunecni radiovy spektrograf pro pasmo 30 az 300 MHz/. 21 p3627 A67-38497
TOBACMAN, L.
 Recent developments in instrumentation and fuel systems for turbocharged and/or pressurized aircraft. [SAE PAPER 67-0262] 12 p1899 A67-25510
TOBALEM, J.
 Measurement of the abundance of sodium-24 in the Saint-Severin meteorite /Mesure de l'abondance du sodium 24 dans la meteorite Saint-Severin/. 16 p2754 A67-31790
TOBE, M. L.
 A tetrafluoroditertiary arsine and its metal complexes. 01 p0135 A67-10896
TOBEY, W. H.
 Simulator studies of MOL tracking experiments. 08 p1317 A67-21105
TOBIAS, C. A.
 Fluctuations of energy loss in semiconductor detectors. 03 p0491 A67-13224
TOBIAS, I.
 The anomalous appearance of laser oscillation at 6401 angstrom units. 18 p3060 A67-34013
TOBIAS, J.
 Plasma Physics /Fyzika Plazmatu/. 18 p3089 A67-34370
TOBIAS, P. R.
 The rationale and scope of biomedical/behavioral experiments in earth orbit. 08 p1287 A67-21069
 The spacecraft computer managed laboratory - A concept for the 70's. [AIAA PAPER 67-643] 20 p3393 A67-37624
TOBIN, M.
 Spectral measurements from 1.6 mu to 5.4 mu of natural surfaces and clouds. 19 p3225 A67-35690
TOBIN, R. D.
 Effect of polarization on radiant heat transfer through long passages. [ASME PAPER 66-WA/HT-32] 04 p0725 A67-15440
 Effect of polarization on radiant heat transfer through long passages. [ASME PAPER 66-WA/HT-32] 15 p2579 A67-29319
TOBITA, T.
 Plasma confinement by high-frequency multipole electromagnetic field. 11 p1839 A67-24425

- TOBOLSKY, A. V.**
A molecular theory for viscoelastic behavior of amorphous polymers. 08 p1346 A67-20878
- TOCCI, L.**
High temperature resonance losses in silicon-doped yttrium-iron garnet /YIG/. 20 p3508 A67-36390
- TOCHER, J. L.**
Higher-order finite element for plane stress. 20 p3538 A67-36676
Heat generation and residual stress development in resistance spot welding. 20 p3456 A67-37697
- TOCQUEC, Y.**
High-gain antenna with low noise temperature for a space telecommunication station /Une antenne a fort gain et faible temperature de bruit pour station de telecommunications spatiales/. 12 p1913 A67-25304
- TODA, M.**
Solid-state inductive element using magneto resistance. 01 p0032 A67-10006
Field distribution in a waveguide loaded with a thin plate n-InSb. 13 p2076 A67-26521
- TODA, N. F.**
Divergence in the Kalman filter. 14 p2347 A67-28116
The region of Kalman filter convergence for several autonomous navigation modes. [AIAA PAPER 67-623] 19 p2660 A67-36012
- TODARO, C.**
Analytic representation of an isobaric surface /Sulla rappresentazione analitica di una superficie isobarica/. 21 p3654 A67-38087
- TODD, C. D.**
Taking the measure of FET transconductance. 11 p1760 A67-24258
- TODD, F. C.**
Effect of body porosity on hypervelocity impact. 22 p3912 A67-39748
A spectrograph for the far-ultraviolet. 22 p3799 A67-39749
- TODD, H. H.**
Surface ion source phenomena and technology. II. 04 p0638 A67-15014
- TODD, J. D. W.**
Observations on the propagation constant of the earth-ionosphere waveguide in the frequency band 8 c/s to 16 kc/s. 05 p0760 A67-16001
- TODD, L.**
Hartmann flow in an annular channel. 14 p2355 A67-27907
- TODER, S.**
The ABC's of training devices. 01 p0049 A67-10532
- TODISCO, A.**
Measurements in laminar and turbulent near wakes. [AIAA PAPER 67-30] 07 p1126 A67-19432
- TODOSIEV, E. P.**
Human performance in single and two-axis tracking systems. 17 p2808 A67-33178
- TOENSHOFF, D. A.**
The birdcage resistance thermometer. 18 p3051 A67-34504
- TOEPFER, A. J.**
Observations of a resonance probe effect near the ion plasma frequency. 21 p3663 A67-37765
- TOHMATSU, T.**
Spectroscopic determination of the upper atmospheric composition by K-9M and L-3 sounding rockets. 05 p0798 A67-16864
The hydrogen and helium ultraviolet glow as an origin of the nighttime ionosphere. 10 p1633 A67-22949
Photoelectronic processes in the upper atmosphere. II. 10 p1633 A67-23049
Theoretical studies of the airglow resonant emission transfer. 10 p1634 A67-23050
Observations of mesospheric ozone density in Japan. 19 p3217 A67-35203
Rocket observations of visible and ultraviolet dayglow features. 19 p3221 A67-35277
- TOKAR, E. N.**
Possible methods for the orientation of a space vehicle with respect to a rotating coordinate system. 12 p2011 A67-25641
- TOKARCIK, A. G.**
Fastener system concept. 24 p4160 A67-42080
- TOKAREFF, P., JR.**
A method for determining the degree of isolation between radar tracking data and ship's motion using the frequency domain. 20 p3415 A67-36555
- TOKARENKO, V. M.**
Effect of initial imperfections on free oscillation frequencies of cylindrical shells /Vliianie nachal'nykh nesovershenstv na chastoty svobodnykh kolebanii tsilindricheskikh obolochek/. 12 p2026 A67-25619
- TOKAREV, B. V.**
Optimal threshold level in the reception of pulse-code messages in systems with an information feedback /Optimal'nyi porogovyi uroven' pri prieme impul'snokodovykh soobshchenii v sistemakh s informatsionnoi obratnoi svyaz'iu/. 06 p0975 A67-18218
Optimum threshold level for pulse-code reception in systems with information feedback. 16 p2642 A67-30484
- TOKAREV, I. U. V.**
Effect of the motion of the cosmic medium on the polarization of cosmic radiation /O vlianii dvizhenia kosmicheskoi sredy na polarizatsiiu kosmicheskogo radiolucheniia/. 16 p2628 A67-31494
The depolarization problem and a correlation method for measuring the polarization of cosmic radio emission /K voprosu o depolarizatsii i korrelyatsionnom metode izmereniia polarizatsii kosmicheskogo radiolucheniia/. 22 p3761 A67-39757
- TOKAREV, L. G.**
Distribution of the magnetic field in a plasma coaxial injector /Raspredelenie magnitnogo polia v koaksial'nom inzhektore plazmy/. 11 p1841 A67-24854
Magnetic field distribution in a coaxial plasma injector. 20 p3502 A67-37537
- TOKAREV, V. P.**
Fatigue strength and endurance limit of aluminum alloys in corrosive media. 08 p1341 A67-20598
The role of cladding in the fatigue of duralumin. 15 p2504 A67-29827
Influence of loading frequency on the endurance characteristics of the V95 aluminum alloy /Vliianie chastoty nagruzhenia na kharakteristiki vyнослиvosti aluminievogo splava V95/. 21 p3644 A67-38051
- TOKAREV, V. V.**
Game approach to the problem of selecting optimal parameters for a dynamic system /Igrovoi podkhod k zadache vybora optimal'nykh parametrov dinamicheskoi sistemy/. 06 p1088 A67-18616
Some considerations on the reliability in the problems of optimal control. 07 p1162 A67-20027
Mechanics of low-thrust space flight /Mekhanika kosmicheskogo poleta s maloi tiagiu/. 13 p2211 A67-26460
Air scoops in problems of optimization of power-limited flight. 13 p2212 A67-26893
Energy storage in problems of optimization of space flight with limited power /Nakopitel' energii v zadachakh optimizatsii kosmicheskogo poleta s ogranichennoi moshchnost'iu/. 16 p2760 A67-30719
Choosing the parameters of a dynamic system which is universal for a given class of maneuvers /K vyboru parametrov dinamicheskoi sistemy, universal'noi klia zadannogo klassa manevrov/. 16 p2744 A67-30732
Minimum time of an Earth-Mars-Earth flight with an uncontrolled low-thrust engine /Minimal'noe vremia pereleta Zemla-Mars-Zemla s nereguliruemym dvigatelem maloi tiagi/. 17 p2941 A67-32240
- TOKER, C.**
The series resistance of varactor diodes. 01 p0038 A67-10815
- TOKHEIM, R. E.**
Nonreciprocal YIG filters. 22 p3772 A67-39905
- TOKIDA, M.**
Effects of phase locking on modulation characteristics. 11 p1754 A67-24725
- TOKTOMYSHEV, S. ZH.**
Structure of the shock waves in an electrodeless discharge in air and argon /O strukture udarnykh voln bezelektrodnogo razriada v vozduke i argone/. 24 p4141 A67-41936
- TOKUDA, N.**
Unsteady stagnation point heat transfer due to arbitrary time-wise-variant free stream velocity. 04 p0610 A67-15830
- TOKUDA, S.**
The effect of oscillation on instantaneous local heat transfer in forced convection from a cylinder. 04 p0733 A67-15843
- TOKUMARU, H.**
The noninteracting control of multivariable linear systems by relay elements. 22 p3777 A67-39839
- TOKUMARU, Y.**
Current saturation and oscillation in photosensitive GaAs. 16 p2725 A67-30611
- TOKUNAGA, M.**
Analysis and synthesis of CR self-oscillation circuits. 21 p3604 A67-38601
- TOKUOKA, T.**
A mathematical theory of birefringence of viscoelastic media. 21 p3657 A67-38409
- TOKUTAKA, H.**
Effects of aluminum electrode and hydrogen gas during heat treatments on MOS structure. 01 p0137 A67-11069
- TOLCHINSKAIA, T. B.**
The output power of a gas laser using nearly confocal resonators. 03 p0438 A67-14190
- TOLEFSON, H. B.**
Meteorological rocket network probing of the stratosphere and lower mesosphere. 02 p0239 A67-12535
- TOLER, J. C.**
Statistical determination of electromagnetic compatibility. 24 p4132 A67-42712
- TOLK, N.**
Gross failure of the conventional adiabatic criterion - Structure and coherence in the low-energy excitation of helium atoms by helium ions. 15 p2519 A67-29330
- TOLKACHEVA, I. A.**
Observation of thermal fields in semiconductor devices. 06 p0970 A67-18193
- TOLKACZ, V.**
Effect of reduced barometric pressure on water availability related to microbial growth. 15 p2426 A67-29111
Probability of growth /p sub G/ of viable microorganisms in Martian environments. 19 p3177 A67-35220
- TOLLE, H.**
Review of European aerospace transporter studies. 15 p2556 A67-29838
Thrust staging as an advantageous thrust program for the ascent from low orbit /Schubstufung als guenstiges Schubprogramm fuer den Aufstieg auf niedrige Kreisbahnen/. 23 p4071 A67-41314
- TOLLEFSON, D.**
The application of modular concepts for electric propulsion power conditioning. [AIAA PAPER 66-501] 02 p0302 A67-11516
- TOLLEFSON, D. R.**
Megawatt ion-propulsion power conditioning system - Design considerations for manned interplanetary missions. [AIAA PAPER 67-52] 06 p1075 A67-18449
- TOLMACH, I. M.**
Current density distribution in an MHD channel in the presence of Hall effect - Analytical description and comparison with the experiment /Raspredelenie plotnosti toka v MGD kanale pri nalichii efekta Kholla - Analiticheskoe opisanie i sravnenie s eksperimentom/. 03 p0479 A67-13686
Hydraulic resistance in plane flow in a traveling field /O gidravlicheskom soprotivlenii pri ploskom techenii v begushchem pole/. 04 p0670 A67-15534
Spatial effects in an MHD duct with segmented electrodes /Prostranstvennyye efekty v MGD kanale s sektiionirovannymi elektrodami/. 16 p2600 A67-30537
Three-dimensional effects with an MHD flow in a channel with sectional electrodes /Prostranstvennyye efekty pri MGD-techenii v kanale s sektiionirovannymi elektrodami/. 21 p3665 A67-38242
- TOLMACHEV, A. M.**
Effect of current injections on the response characteristics of GaAs laser radiation /Vliianie toka inzhektsii na vremennye kharakteristiki izlucheniia PKG na GaAs/. 01 p0087 A67-10083
Effect of injection current on the time dependence of the emission from GaAs lasers. 08 p1340 A67-21460
- TOLMACHEV, I. U. A.**
Elementary processes in a DC gas-discharge plasma in helium /Ob elementarnykh protsessakh v plazme gazovogo razriada postoiannogo toka v geli/. 01 p0123 A67-10363
Elementary processes in the plasma of a dc gas discharge in

- helium. 06 p1038 A67-17621
- TOLMACHEV, V. V.**
Corrections of delta F, delta n, and delta mu in the method of asymptotic expansions within a modified formulation of the problem of a nonideal Bose-Einstein system /Popravki delta F, delta n i delta mu v metode asimptoticheskikh razlozhenii v modifitsirovannoi formulirovke problemy neideal'noi Boze-einshteynovskoi sistemy/. 23 p4026 A67-40718
- TOLMACHEVA, A. V.**
Possible interpretation of the frequency dependence of anomalous cosmic noise absorption. 12 p1933 A67-25548
- TOLOK, V. T.**
High-frequency heating of a dense plasma. 02 p0274 A67-12460
Plasma three-dimensional polarization interaction in a magnetic multipole /Ob'emnoe polarizatsionnoe vzaimodelstvie plazmy v magnitnom mul'tipole/. 04 p0667 A67-15210
Coaxial plasma gun in a longitudinal magnetic field. 06 p1039 A67-18084
Coaxial plasma gun in a longitudinal magnetic field /Koaksial'naya plazmennaya pushka v prodol'nom magnitnom pole/. 15 p2525 A67-29253
Volume-polarization interaction of plasma in a magnetic multipole. 15 p2532 A67-30258
Electron heating by a direct discharge during plasmoid interactions involving polarization /Nagrev elektronov s pomoshch'yu priamogo razrada v polarizatsionno-vzaimodelstvuyushchikh plazmennyykh gustyakh/. 16 p2717 A67-31182
Current heating of plasma in a closed magnetic trap /Tokovyi nagrev plazmy v zamknutoi magnitnoi lovushke/. 16 p2717 A67-31186
- TOLOKONNIKOV, L. A.**
Plane stressed state of an anisotropic body /Ploskoe napriazhennoe sostoyanie anizotropnogo tela/. 11 p1879 A67-24882
Possible approaches to the development of a square-law theory of elasticity /Vozmozhnosti postroyeniya kvadrachnoy teorii uprugosti/. 21 p3721 A67-38306
- TOLOMASOV, V. A.**
A nonlinear transmission line with distributed parameters based on a p-n junction. 03 p0379 A67-13294
- TOLPYGO, E. I.**
Auger mechanism of electron emission from semiconductors and dielectrics /Ozhe-mekhanizm elektronnoi emissii iz poluprovodnikov i dielektrikov/. 06 p1051 A67-18422
- TOLPYGO, K. B.**
Auger mechanism of electron emission from semiconductors and dielectrics /Ozhe-mekhanizm elektronnoi emissii iz poluprovodnikov i dielektrikov/. 06 p1051 A67-18422
Microcalculation of the dielectric constant in a germanium crystal /Mikroraschet dielektricheskoi postolannoi v kristalle germaniya/. 10 p1695 A67-23657
Microscopic model for the calculation of the permittivity of a germanium crystal. 17 p2924 A67-33338
Physical properties of crystalline compounds of type A super III B super V ionic-valence bonds /Fizicheskie svoystva kristallicheskikh soedinenii tipa A super III B super V s ionno-valentnoi svyaz'yu/. 18 p3094 A67-33436
- TOLSON, R. H.**
Accuracy of determining the state of a lunar satellite and the lunar gravitational field. [AIAA PAPER 66-39] 05 p0902 A67-17207
An analysis of the lunar gravitational field as obtained from Lunar Orbiter tracking data. 19 p3318 A67-35190
- TOLSTOV, K. D.**
Elastic scattering of particles and the structure of nucleons /Uprugoe rasselanie chastits i struktura nuklonov/. 24 p4193 A67-42855
- TOLSTOY, I.**
Hydromagnetic gradient waves in the ionosphere. 11 p1783 A67-23923
Long-period gravity waves in the atmosphere. 22 p3792 A67-39974
- TOLSTYKH, A. I.**
Supersonic gas flow past blunt bodies - Theoretical and experimental studies /Obtekanie zatuplennykh tel sverkhzvukovym potokom gaza - Teoreticheskoe i eksperimental'noe issledovanie/. 03 p0349 A67-12851
- TOLUBINSKII, E. V.**
An integral method of solution of the general heat and mass transfer problem. 06 p1117 A67-18390
- TOLUBINSKII, V. I.**
Heat-transfer mechanism in the boiling of binary mixtures /K mekhanizmu teploobmena pri kipenii binarnyykh smesel/. 17 p2969 A67-32458
Effect of pressure and underheating on the heat-transfer crisis during boiling in a large volume of liquid /Vliyanie davleniya i nedogreva na krizis teploobmena pri kipenii v bol'shom ob'eme zhidkosti/. 17 p2970 A67-32460
- TOLUTIS, V. B.**
Special features of thin layers of the In-Te system in the range from 60 to 50 percent Te /Osobennosti tonkikh sloev sistemy In-Te v oblasti ot 60 do 50 percent Te/. 08 p1369 A67-20994
Dielectric properties of thin films of praseodymium, cerium, and neodymium fluorides /O dielektricheskikh svoystvakh tonkikh plenok ftoristogo prazedima, tseriya i neodima/. 08 p1370 A67-20995
Pulsed sinusoidal method of measuring the capacitance-voltage and current-voltage characteristics of relaxing p-n junctions /Impul'sno-sinusoidal'nyi metod izmereniya vol'temkostnykh i vol'tampernyykh kharakteristik relaksiruyushchikh p-n perekhodov/. 08 p1303 A67-20998
Features of the physical properties of thin layers of the system CdTe-metal /In, Cu, Au/ /Osobennosti fizicheskikh svoystv tonkikh sloev sistemy CdTe-metal /In, Cu, Au/. 20 p3513 A67-37448
Features of the sublimation of thin polycrystalline CdTe films in high vacuum /Osobennosti sublimatsii tonkikh polikristallicheskikh sloev CdTe v vysokom vakume/. 20 p3514 A67-37453
- TOMA, J.**
Several aspects of laboratory psychophysiological activity in the flying personnel of various age. 22 p3753 A67-40544
- TOMALIN, D. S.**
Metal laminate composite materials for compressor blading. 03 p0444 A67-13436
- TOMAN, K.**
Ionospheric phase-and group-path. 20 p3379 A67-36292
- TOMAN, M. P.**
Equivalent-circuit parameters of a cylindrical-cavity resonator. 07 p1153 A67-19613
- TOMASCHKE, H.**
Field emission from a multiplicity of emitters on a broad-area cathode. 11 p1820 A67-24922
- TOMASCHKE, H. E.**
Effect of gas pressure on electrical breakdown and field emission. 11 p1820 A67-24921
Role of submicroscopic projections in electrical breakdown. 21 p3589 A67-37824
- TOMASHEFSKI, J. F.**
Effects of altitude on emphysematous blebs and bullae. 03 p0365 A67-14297
- TOMASHEVSKII, E. E.**
Formation of paramagnetic centers in polymers exposed to the effect of laser radiation /Vozniknovenie paramagnitnykh tsentrov v polimerakh, podvergnutykh deystviyu lazernogo izlucheniya/. 01 p0086 A67-10075
An investigation of fracture process of polymers by the electron spin resonance method. 18 p3068 A67-33490
- TOMASHEVSKII, V. T.**
General nonlinear theory of stability for anisotropic shells and plates /K obshchey nel'nelnoi teorii ustoychivosti anizotropnykh obolochek i plastin/. 12 p2028 A67-25628
- TOMASHOV, N. D.**
Corrosion and electrochemical behavior of rhodium. 12 p1955 A67-25359
- TOMASHPOLSKII, I. U. IA.**
X-ray diffraction study of the atomic structure of ferromagnetic BiFeO sub 3. 21 p3685 A67-38967
- TOMASSETTI, G.**
Low noise transistorized amplifier at 408 MHz for synthesis radiotelescope. 17 p2827 A67-32785
- TOMASULO, R. M.**
The IBM System/360 Model 91 - Machine philosophy and instruction-handling. 11 p1755 A67-23949
An efficient algorithm for exploiting multiple arithmetic units. 11 p1755 A67-23950
- TOMASZ, S.**
Determination of optimum geometrical parameters for the diffuser of a high-pressure axial fan with straight blades /Ustaleniye optymalnykh parametrov geometricheskikh dyfuzora dla vysokoschnleniowego wentylatora osiowego z prostymi lopatkami/. 07 p1126 A67-19349
- TOMAZIC, W. A.**
M-1 injector development - Philosophy and implementation. [AIAA PAPER 67-461] 18 p2988 A67-33932
- TOMBAUGH, C. W.**
Some space goals in the near future from the view-point of a planetary astronomer. [AAS PAPER 67-32] 15 p2562 A67-30105
- TOMCHUK, P. M.**
Distribution function and mobility of electrons in polar semiconductors in the case of a nonparabolic dispersion law. 02 p0296 A67-11825
Conductivity of thin metallic films of island structure /Provodimost' tonkikh metalicheskikh plenok ostrovnol struktury/. 03 p0490 A67-13159
Emission of hot electrons from polar semiconductors with a nonparabolic dispersion law /Emissiya gorlachikh elektronov iz poliarnyykh poluprovodnikov s neeparabolicheskim zakonom dispersii/. 06 p1052 A67-18423
Effect of an electrical field on the magnetic resistance and Hall effect in polar semiconductors with a nonparabolic dispersion law /Vliyanie elektricheskogo polya na magnetosoprotivlenie i effekt Kholla v poliarnyykh poluprovodnikakh s neeparabolicheskimi zakonom dispersii/. 10 p1695 A67-23661
Influence of an electric field on the magnetoresistance and on the Hall effect in polar semiconductors with a nonparabolic dispersion law. 17 p2924 A67-33342
- TOMICH, J. F.**
Some new results on momentum and heat transfer in compressible turbulent free jets. 24 p4092 A67-42608
- TOMIIE, Y.**
Crystal structures of alpha- and beta-indium selenide, In sub 2 Se sub 3. 03 p0493 A67-13361
- TOMILOV, E. D.**
On the method of invariant transformations of the gas-dynamics equations. 03 p0403 A67-13628
- TOMITA, K.**
On the gravitational instability in an expanding universe - Reformulation of Lifshitz's theory. 11 p1859 A67-24121
Non-linear theory of gravitational instability in the expanding universe. 19 p3317 A67-34891
- TOMITA, W. K.**
Helium-neon laser - Thermal high-resolution recording. 05 p0815 A67-16586
- TOMIYAMA, S.**
Changes of refractivity and nonlinear optical phenomena by Franz-Keldysh effect of silicon. 07 p1231 A67-19487
- TOMIYASU, K.**
Laser bibliography. IV. 06 p1010 A67-17890
Increasing pump flux of lasers by immersion. 21 p3638 A67-37857
Laser bibliography V. 21 p3641 A67-38455
- TOMKUS, I. S.**
Remote control of the rotation of a monochromator's prisms /Distsionnoe upravlenie vrashcheniem prizm monokhromatora/. 20 p3451 A67-37308
- TOMLINSON, R. G.**
Effect of mode beating in laser-produced gas breakdown. 20 p3459 A67-36851
- TOMLINSON, W. J.**
Competitive and cascade coupling between transitions in the CW water vapor laser. 14 p2331 A67-28498
- TOMMASI, F.**
Modern achievements of a century-old Italian industry in the field of space systems /Nel campo delle apparecchiature spaziali, moderne realizzazioni di una centenaria industria italiana/. 17 p2854 A67-32227
- TOMME, W. J.**
The analysis of turbulence from data obtained with a laser velocimeter. [AIAA PAPER 67-179] 06 p0990 A67-18511
- TOMOZAWA, Y.**
The concept of antiparticles in particle

- mixing. 16 p2705 A67-31565
- TOMPKINS, D. N.**
The Mars facsimile camera.
[SMPT PREPRINT 100-40] 03 p0423 A67-13806
- Instrument integration for planetary missions.
[AIAA PAPER 66-59] 07 p1188 A67-19996
- Rough landing planetary payloads. 19 p3332 A67-35335
- TOMPKINS, E. E.**
Formation of polycyclic aromatic hydrocarbons in pre-mixed acetylene-oxygen flames. 10 p1602 A67-22960
- TOMPKINS, F. C.**
Chemisorption of oxygen and hydrogen on nickel films - Reconstitution of the adsorbate-adsorbent interface. 19 p3246 A67-35787
- TOMS, R. S. H.**
Electric propulsion for satellite position and attitude control.
[AIAA PAPER 67-722] 21 p3697 A67-38961
- TONDEL, L. M., JR.**
Noise litigation at public airports. 01 p0170 A67-10929
- TONDL, A.**
A method of solving stability "in the large" with the aid of analogue computers. 02 p0209 A67-12712
- Some problems of rotor dynamics. 07 p1263 A67-19631
- TONG, H.**
Low-frequency noise predicts when a transistor will fail. 03 p0389 A67-14277
- TONG, P.**
Liquid motion in a circular cylindrical container with a flexible bottom.
[AIAA PAPER 67-76] 06 p0986 A67-18274
- Liquid motion in a circular cylindrical container with a flexible bottom.
[AIAA PAPER 67-76] 21 p3614 A67-38868
- TONG, P. S.**
Application of stochastic approximation techniques to two signal detection problems. 02 p0204 A67-12169
- TONG, Y. L.**
Circadian system phase - An aspect of temporal morphology - Procedures and illustrative examples. 14 p2255 A67-28480
- TONGE, J. M.**
An optical system using moiré patterns to obtain quantitative data in a boundary layer.
[ASME PAPER 67-HT-3] 20 p3447 A67-36702
- TONKOV, E. L.**
Existence theorems for nonlinear boundary value problems /Teoremy sushchestvovaniia dlia nelineynykh kraevykh zadach/. 02 p0260 A67-12738
- TONNEL, E.**
Planar silicon transistors with metallic protection /Les transistors plans au silicium a protection metallique/. 13 p2077 A67-26652
- TONNER, K. F.**
Determination of the abundance ratio C super 12/C super 13 in the solar atmosphere /Bestimmung des Haeufigkeitsverhaeltnisses C super 12/ C super 13 in der Sonnenatmosphaere/. 22 p3889 A67-40207
- TONTEGODE, A. IA.**
Thermionic properties of rhenium and some refractory metals. 19 p3264 A67-35082
- TOOKER, A. W.**
Logistic simulation - A tool of systems analysis in which computer techniques are used to examine the behavior of a proposed future weapons system. 17 p2833 A67-32490
- TOOLE, L. E.**
An early earth-orbital propellant transfer mission. 22 p3906 A67-40163
- TOOMB, D. S., JR.**
Reliability and circuit analysis of thermopiles with redundant element. 20 p3363 A67-36958
- TOOMRE, A.**
Non-axisymmetric responses of differentially rotating disks of stars. 05 p0892 A67-16410
- On the coupling of the earth's core and mantle during the 26,000-year precession. 24 p4151 A67-42315
- TOOMRE, J.**
The annihilation of a two-dimensional jet by a transverse magnetic field. 24 p4198 A67-42565
- TOONG, T. Y.**
Detonation wave in electromagnetic field. 18 p3086 A67-33825
- TOPAKOGLU, H. C.**
Steady laminar flows of an incompressible viscous fluid in curved pipes. 17 p2836 A67-32038
- TOPOR, G.**
How to check the conditions for using an airport destined for the type IL-18 aircraft /Verificarea conditiilor de folosire a unui aerodrom destinat exploatarei avloanelor IL-18/. 03 p0360 A67-13780
- TOPPER, L.**
High temperature radioisotope capsule for large heat source. 24 p4185 A67-42536
- TOPPER, T.**
Hysteresis loop measurement during fatigue testing at 30 Hz. 23 p4078 A67-41227
- TOPTUNOVA, L. M.**
Estimate of the relaxation resistance of metals from the results of creep tests. 11 p1877 A67-24816
- TOPTYGIN, I. N.**
Movement of cosmic particles in a random magnetic field /Dvizhenie kosmicheskikh chastits v sluchainom magnitnom pole/. 05 p0878 A67-16094
- Multiple particle scattering in a magnetic field with random inhomogeneities /Mnogokratnoe rasselanie chastits v magnitnom pole so sluchainymi neodnorodnostiami/. 06 p1037 A67-18800
- Multiple scattering of particles in a magnetic field with random inhomogeneities. 18 p3083 A67-34419
- Motion of cosmic particles in interplanetary magnetic fields /Dvizhenie kosmicheskikh chastits v magnitnykh polakh mezplanetnoi sredy/. 23 p4056 A67-41105
- Motion of cosmic particles in a random magnetic field. 24 p4213 A67-42770
- TOPUNOV, A. M.**
Design of a disk of arbitrary profile with allowance for the radial temperature gradient /K raschetu diska proizvol'nogo profilu s uchedom gradienta temperatur po radiusu/. 03 p0429 A67-13331
- TORALDO DI FRANCIA, G.**
Optical resonators. 06 p1000 A67-17572
- TORBITT, W. S.**
An experimental test of the mechanism of radio emission from cosmic ray showers. 10 p1703 A67-23490
- TORDA, T. P.**
Extension of an aerothermochemical analysis of solid propellant combustion. 01 p0143 A67-11449
- An aerothermochemical analysis of solid propellant combustion. 01 p0143 A67-11450
- An aerothermochemical analysis of solid propellant combustion. 04 p0722 A67-14824
- TORECKI, S.**
Ignition regularity criterion for solid-propellant rocket engines /Kriterium pravilowosci zaplonu w silnikach rakietowych na paliwo stale/. 01 p0139 A67-10524
- TORGE, R.**
Design of rotary compensators /Zur Dimensionierung von Drehkompensatoren/. 14 p2315 A67-28074
- TORGUET, R.**
CdS sub 2 crystal amplifier /Amplificateur a cristal de sulfure de cadmium/. 23 p3977 A67-40690
- TORII, K.**
Heat transfer and skin friction in turbulent boundary layer with mass injection. 04 p0733 A67-15842
- TORII, T.**
Inversion of tridiagonal matrices and the stability of tridiagonal systems of linear equations. 18 p3070 A67-33644
- TORITSUKA, H.**
Frequency-modes of Gunn-effect oscillator. 05 p0872 A67-17531
- TORNEY, F. L.**
Cold cathode quadrupole mass spectrometer. 23 p4000 A67-41217
- TOROCHKOV, V. IU.**
Recorder of the trajectory of motion of a gyro pendulum /Registrator traektorii dvizhenia giromalatnika/. 06 p1003 A67-18177
- Feedback problem of a free gyroscope /K voprosu ob obratnoi svyazi svobodnogo giroskopa/. 18 p3047 A67-33993
- TOROK, D. F.**
Experimental study of the effects of an ultrasonic field in a nucleate boiling system. [ASME PAPER 67-HT-11] 20 p3545 A67-36709
- TOROPOV, V. V.**
Some results of an experimental study of the heat transfer in the discharge chamber of a plasmatron during the action of a magnetic field and a vortical gas flow on the arc /Nekotorye rezul'taty eksperimental'nogo issledovaniia teploobmena v razriadnoi kamere plazmatrona pri vozdeistvii na dugu magnitnym polem i vikhrevym gazovym potokom/. 24 p4098 A67-42250
- TOROSHELIDZE, I. A.**
Asymptotic behavior of solutions for certain nonlinear differential equations /Ob asimptoticheskom povedenii reshenii nekotorykh nelineynykh differentsial'nykh uravnenii/. 20 p3479 A67-37720
- TOROSIAN, O. S.**
Electrostatic polarization of a cylindrical plasma layer in an external static magnetic field /Elektrostaticheskaya polarizatsiia tsilindricheskogo sloia plazmy vo vneshnem staticheskom magnitnom pole/. 13 p2168 A67-27305
- TORR, D. G.**
Ionospheric disturbance and electron precipitation from the outer radiation belt. 07 p1245 A67-19928
- Ionospheric effects of precipitated electrons in the south radiation anomaly. 12 p1934 A67-25778
- TORR, M. R.**
Ionospheric disturbance and electron precipitation from the outer radiation belt. 07 p1245 A67-19928
- TORRANCE, K. E.**
Flow and heat transfer on bodies in crossflow with surface mass transfer. 04 p0733 A67-15841
- TORRE, C.**
Principles of the theory of three-dimensional supersonic flow /Grundlagen der Theorie der dreidimensionalen Uebereschallstroemung/. 13 p2050 A67-26648
- TORRERO, E.**
Resonant-cavity technique for the measurement of leaky-wave complex propagation coefficients. 07 p1153 A67-19612
- TORRI, G.**
Forces deforming the rib cage. 07 p1133 A67-19480
- TORVI, A. A.**
Dynamic buckling in modified I-beams. 17 p2958 A67-32030
- TORVIK, P. J.**
Effect of vacuum on the strength of balsa wood. 15 p2507 A67-29554
- TOSCHEK, P.**
Investigation of the transformation of Gaussian light beams and of the excitation of transverse natural oscillations in a scanning interferometer /Untersuchungen zur Transformation Gausscher Lichtbueundel und zur Anregung von transversalen Eigenschwingungen in einem Abtast-Interferometer/. 09 p1492 A67-21563
- TOSCHI, R.**
Relaxation phenomena in MPD generators. 09 p1443 A67-21811
- The CNEN helium-caesium blow-down MPD facility and experiments with a prototype duct. 16 p2653 A67-30549
- TOSHIOKA, K.**
Plasma confinement by high-frequency multipole electromagnetic field. 11 p1839 A67-24425
- TOSIC, D.**
Characteristics of the ion and electron emission from the magnetron gas discharge. 19 p3277 A67-35121
- Oscillations in the DC magnetron gas discharge. 19 p3277 A67-35124
- TOTARO, C.**
A particular class of motions of an asymmetrical rigid body subjected to no-power forces /Su una particolare classe di movimenti di un corpo rigido asimmetrico soggetto a forze di potenza nulla/. 03 p0468 A67-13349
- TOTH, A.**
Inverse problem of the relativistic motion of a point of variable mass /Problema inversa a miscarii relativiste a punctului de masa variabila/. 13 p2159 A67-27362
- TOTH, I. J.**
The kinetics of metallic activation sintering of tungsten. 14 p2338 A67-28614
- TOTH, J. M., JR.**
Static fatigue of fiber glass pressure vessels from ambient to cryogenic temperatures. 08 p1415 A67-20432
- TOTH, L. E.**
Superconducting critical temperatures of nonstoichiometric transition metal carbides and nitrides. 03 p0491 A67-13256
- High superconducting transition temperatures in the molybdenum carbide family of compounds. 19 p3245 A67-35729

- TOTH, L. W.**
Mechanical response at cryogenic temperatures of selected reinforced plastic composite systems. [ASTM PAPER 16] 18 p3070 A67-34577
- TOTSKII, E. E.**
Viscosity and thermal conductivity of the vapors of sodium and potassium. 09 p1579 A67-21865
- TOTUBALINA, M. G.**
Investigation of the composition of the primary cosmic-ray component /Issledovanie sostava pervichnoi komponenty kosmicheskogo izlucheniia/. 23 p4054 A67-41096
- TOU, J. T.**
Dynamic programming and modern control theory. 08 p1312 A67-20752
Optimum control of a class of distributed-parameter systems. 11 p1770 A67-24890
A cryogenic associative memory. 21 p3587 A67-37955
- TOU, P. P.**
Convective heat transfer in the base region of large space boosters with clustered engines. 16 p2591 A67-30942
- TOUART, C. N.**
Ozone heating and radiative equilibrium in the lower stratosphere. 19 p3226 A67-35922
- TOUCHE, J.**
Temporary trapping of charged particles in a static magnetic bottle. 22 p3849 A67-39697
- TOUGH, L. H.**
Motor development for the Black Brant VB. 08 p1375 A67-20519
- TOULOTTE, J. M.**
Experimental device for the study of the physiological functions of equilibration. 13 p2064 A67-27274
- TOUPS, L. H.**
Orbital plane change by optimal aerocruise. 20 p3532 A67-36552
- TOURIN, R. H.**
Spectroscopic gas temperature measurement. 12 p1940 A67-25431
- TOURYAN, K. J.**
The magnetoaerodynamics of a rotating cone during re-entry. 12 p1892 A67-25385
- TOUSEY, R.**
The radiation from the sun. 04 p0695 A67-14691
An echelle spectrograph for middle ultraviolet solar spectroscopy from rockets. 10 p1653 A67-22735
Recent extreme ultraviolet solar spectra and spectroheliograms. 10 p1707 A67-23224
Some results of twenty years of extreme ultraviolet solar research. 20 p3528 A67-37467
- TOUSSAINT, G.**
Dynamics of the beryllium lattice /Dynamique du beryllium/. 13 p2137 A67-27109
- TOUSSAINT, J.**
Data acquisition systems for ESRO missions. 20 p3443 A67-36471
- TOUSSAINT, M.**
Generalization of the calculation of the heat balance in an enclosure /Sur une generalisation du calcul du bilan calorifique dans une enceinte/. 02 p0343 A67-12413
Verification of the thermal mathematical model for artificial satellites - A new test philosophy. [AIAA PAPER 67-304] 12 p2036 A67-26019
- TOUZILLIER, L.**
Secondary electron emission of gallium arsenide monocrystals /Emission electronique secondaire de monocristaux d'arsenure de gallium/. 14 p2367 A67-28516
- TOVARKOV, V. I.**
Load programming in thermal fatigue tests. 13 p2218 A67-26797
- TOVMASIAN, N. E.**
Dirichlet problem for elliptic systems of second order differential equations not satisfying Ya. B. Lopatinski's condition. 18 p3073 A67-34481
- TOVMASIAN, H. M.**
On the radio emission from some peculiar galaxies. 04 p0697 A67-14774
- TOVMENKO, S. M.**
Oscillation of a liquid metal sphere in a dielectric medium in the presence of a constant magnetic field /Kolebaniia zhidkometallicheskoj sfery v dielektricheskoi srede pri nalichii postoiannogo magnitnogo polia/. 21 p3665 A67-38245
- TOVSTIK, P. E.**
Oscillation frequency spectrum of shells of revolution with a great number of waves along a parallel /O spektre chastot kolebani obolochek vrashcheniia s bol'shim chislom voln po paralleli/. 12 p2027 A67-25627
Problem of axisymmetrical oscillations of a shell of revolution in the case of a double reversal point /K zadache ob osesimmetrichnykh kolebaniakh obolochki vrashcheniia v sluchae dvoynoi točki povorota/. 12 p2029 A67-25675
Asymptotic integration of equations of free axisymmetric oscillations of a thin shell of revolution in the case of a single reversal point /Asimptoticheskoe integrirovanie uravnenii svobodnykh osesimmetrichnykh kolebani tonkol obolochki vrashcheniia v sluchae odnoi točki povorota/. 24 p4250 A67-42304
- TOVSTIUK, K. D.**
Effect of energy band nonparabolicity on the kinetic properties of semiconductors /Vplyv neparabolichnosti energeticheskikh zon na kinetichni vlastivosti naplyvprovidnikiv/. 02 p0300 A67-12475
- TOWLER, W. R.**
Three dimensional magnetically supported wind tunnel balance. 05 p0786 A67-16461
- TOWLES, R. W.**
A direct method for computing test procedures using a digital computer. [AIAA PAPER 67-235] 07 p1149 A67-20058
- TOWNES, C. H.**
A new class of trapped light filaments. 05 p0818 A67-16648
Standing waves in self-trapped light filaments. 07 p1224 A67-19841
- TOWNSEND, A. A.**
The flow in a turbulent boundary layer after a change in surface roughness. 02 p0232 A67-11561
The mechanism of entrainment in free turbulent flows. 05 p0792 A67-16814
- TOWNSEND, J. C.**
Determination and evaluation of rate measurements in the analysis of space medical data. 15 p2431 A67-29293
- TOWNSEND, W. G.**
Low resistivity epitaxial layers of silicon. 03 p0494 A67-13485
Laser machining of thin films. 04 p0630 A67-15478
- TOWNSHEND, B. W.**
Escape, survival, search and rescue. 05 p0752 A67-17102
- TOYAMA, F.**
Frequency analysis of the geomagnetic pulsations. 11 p1786 A67-24332
- TOYAMA, Y.**
Notes on an ozone generator and its calibrator. 16 p2676 A67-31374
On various methods of measuring the vertical distribution of atmospheric ozone. II. 16 p2676 A67-31376
On various methods of measuring the vertical distribution of atmospheric ozone. III. 16 p2676 A67-31377
- TOYODA, H.**
Hall effect and thermoelectric power in semiconductive TiO sub 2. 12 p1982 A67-25452
- TOYOOKA, S.**
Wear of polytetrafluoroethylene - Fundamental behavior. 23 p4009 A67-41062
- TOZER, D. C.**
The electrical conductivity of the moon's interior. 08 p1389 A67-21019
Fractionation of iron in the solar system. 23 p4068 A67-41360
- TOZZI, A.**
Influence of charge distribution on non-equilibrium ionization of solid particles. 07 p1227 A67-20258
- TRABKA, E. A.**
Shape detection using incoherent illumination. 09 p1496 A67-21712
- TRACH, H. C.**
Increase of cosmic dust in the stratosphere after a meteor shower /Accroissement de poussiere cosmique dans la stratosphere apres une averse de meteorites/. 16 p2668 A67-31707
- TRACHSEL, A. F.**
Electro-optical rectifier. 14 p2321 A67-28828
- TRACHSEL, R.**
Data transmission with earth satellites /Nachrichteneubertragung mit kuenstlichen Erdsatelliten/. 03 p0367 A67-12898
- TRACY, H. H., JR.**
Aerospace applications of microwave swept frequency measurements. 01 p0039 A67-11038
- TRACY, J. F.**
The effects of structural modifications on the critical properties of PBI fiber. 21 p3648 A67-37875
- TRACY, J. L.**
A propane gas system for satellite attitude control. 01 p0157 A67-11446
- TRAD, A. T.**
Influence of density in the Sommerfeld diffraction problem /Sur l'influence de l'epaisseur dans le probleme de diffraction de Sommerfeld/. 04 p0715 A67-15583
- TRAEUBLE, H.**
The direct observation of individual flux lines in type II superconductors. 14 p2369 A67-28599
- TRAFFORD, H. L.**
Straining equipment for the testing of aircraft structures. 04 p0708 A67-14584
- TRAFTON, L. M.**
The pressure-induced monochromatic translational absorption coefficients for homopolar and non-polar gases and gas mixtures with particular application to H sub 2. 03 p0515 A67-14323
Model atmospheres of the major planets. 09 p1567 A67-22237
- TRAHEY, N. M.**
Post-irradiation chemical analysis of SNAP-8 experimental reactor coolant. 03 p0466 A67-13798
- TRAINER, T. M.**
O-ring permeation measurements for selected pressures and gland designs. 17 p2801 A67-31992
- TRAINOR, J. H.**
OGO-E cosmic radiation - Nuclear abundance experiment. 12 p1944 A67-25852
- TRAKHTENBERG, I. SH.**
On the mechanism of lattice electromigration in metals. 07 p1209 A67-19647
- TRAKHTENGARTS, V. IU.**
Very-low-frequency radio emission of the upper atmosphere and its relationship with other geophysical phenomena. 08 p1324 A67-20862
- TRAKHTENGERTS, V. IU.**
A theory for type I solar radio bursts. 01 p0146 A67-11278
A log-periodic spiral element and paraboloid reflector with a frequency coverage of 1-7. 02 p0213 A67-11644
Stationary states of the external radiation zone of the earth /O statsionarnykh sostoiianiiakh vneshnei radiatsionnoi zony zemli/. 02 p0306 A67-11855
Nonlinear theory of cyclotron instability of the earth's radiation belts /K nelnei noi teorii tsiklotronnoi neustoiichivosti radiatsionnykh polasov zemli/. 14 p2379 A67-27930
Stationary states of the earth's outer radiation zone. 16 p2738 A67-31070
Ultralow-frequency radio emission and its relation to geophysical phenomena /Ultrazhukhochastotnoe radioizluchenie i ego svyaz' s geofizicheskimi lavleniiami/. 17 p2846 A67-32939
Generation of electromagnetic and plasma waves and some problems associated with the perturbation of particle fluxes in the earth's magnetosphere /Generatsiia plazmennyykh i elektromagnitnykh voln i nekotorye voprosy turbulentsii potokov chastots v magnitosfere zemli/. 21 p3621 A67-39016
Theory of synchrotron radiation in a magnetoactive plasma /K teorii sinkhrotronnogo izlucheniia v magnitoaktivnoi plazme/. 22 p3851 A67-39735
- TRAMMELL, W. V.**
Laser machining study. 04 p0628 A67-15308
- TRAPANI, R. D.**
An experimental study of bounded and confined turbulent jets. 14 p2302 A67-28323
- TRAPP, D. L.**
A miniaturized RF acceleration measuring. 02 p0242 A67-12011
- TRAPP, R. F.**
Space Age in Fiscal Year 2001, American Astronautical Society, Goddard Memorial Symposium, 4th, Washington, D.C., March 15, 16, 1986, Proceedings. 13 p2230 A67-27501
- TRASK, D. W.**
Physical constants as determined from radio tracking of the Ranger lunar probes. [AAS PAPER 66-105] 07 p1253 A67-19965
Physical constants as determined from radio tracking of the Ranger lunar probes. [AAS PAPER 66-105] 13 p2208 A67-27523

- TRASK, N. J.
Distribution of lunar craters according to morphology from Ranger VIII and IX photographs. 11 p1865 A67-24608
- TRASK, R. P., II
Feasibility study of a laminar NOR unit. 14 p2250 A67-28335
- TRAUB, J. F.
The solution of transcendental equations. 09 p1468 A67-22049
- TRAUBOTH, H. H.
Aerospace vehicle simulation and checkout. 03 p0399 A67-14210
- TRAUPEL, W.
Thermal Turbomachines. Volume 1 - Thermodynamics and Fluid-Mechanics Calculations /Thermische Turbomaschinen. Volume 1 - Thermodynamisch-Stromungstechnische Berechnung/. /2nd Revised Edition/. 07 p1127 A67-20040
- TRAUSTEL, S.
Torsional force and its effect on a flame /Der Drall und sein Einfluss auf die Flamme/. 08 p1425 A67-20305
- TRAUTMAN, A.
The general theory of relativity. 08 p1354 A67-20859
- TRAVERS, A.
Summary of gaseous nuclear rocket fluid mechanics research. [AIAA PAPER 67-500] 18 p3076 A67-33964
- TRAVING, G.
The cosmic abundance of the chemical elements /Die kosmische Haeufigkeit der chemischen Elemente/. 03 p0510 A67-13538
- TRAVIS, L. D.
Properties of an intermediate bandpass photometric system. 11 p1792 A67-24778
- TRAVKIN, I. I.
Axisymmetric mixed problem for cylinder of finite length under torsion /Osesimetriczna zmishana zadacha pro kruchennia tsilindra skinnchenoi dovzhini/. 18 p3144 A67-34173
- TRAXLER, J. J.
Kick stage propellant-dependent weights study. 22 p3902 A67-39942
- TRAYNOR, E. J.
Resins and reinforced plastic laminates for continuous use at 650 deg F. III. 22 p3825 A67-39853
- TREAT, R. P.
Arc jet efficiency and an insulated test environment. [AIAA PAPER 67-677] 21 p3691 A67-38710
- TREBES, D. M.
Heat transfer to supercritical nitrogen tetroxide at high heat fluxes and in axially curved flow passages. [ASME PAPER 67-HT-59] 20 p3549 A67-36741
- TREBLE, F. C.
Development of the solar cell system for the U.K.3 satellite. 09 p1445 A67-22179
Thin silicon solar cells for large flexible arrays. 13 p2055 A67-26716
- TREDGOLD, R. H.
Electrical and optical properties of AlN - A thermostable semiconductor. 21 p3684 A67-38522
- TREFALL, H.
Observations of large-scale coherent pulsating electron precipitation events in the auroral zone, accompanied by geomagnetic continuous pulsations. [AFOSR-67-1314] 12 p1931 A67-25112
- TREFFTZ, E.
Overlapping metastable levels in dielectronic recombination. 10 p1681 A67-22722
- TREFILOV, V. I.
Structural sensitivity of the plastic properties of molybdenum alloys produced by electron-beam fusion /O strukturnoi chuvstvitel'nosti plasticheskikh svoystv molybdenovykh splavov elektronolucheyoi plavki/. 01 p0101 A67-10936
Investigation strains and onset of cracks in thin chromium foils /Izuchenie deformatsii i obrazovaniya treshchin v tonkikh fol'gakh khroma/. 04 p0640 A67-15977
Brittle fracture at grain boundaries in molybdenum /O khrupkom razrushenii v molybdene po granitsam zeren/. 13 p2130 A67-26447
Physical nature of the temperature dependence of the yield point /O fizicheskoi prirode temperaturnoi zavisimosti predela tekuchesti/. 13 p2131 A67-26449
Some theoretical aspects of dynamic testing techniques /Nekotorye voprosy teorii metoda dinamicheskikh ispytani/. 13 p2215 A67-26452
- Structural changes in chromium during deformation /Strukturnye izmeneniya v khrome pri deformatsii/. 13 p2141 A67-27284
The structure sensitivity of the plastic properties of molybdenum alloys produced by electron-beam melting. 22 p3820 A67-39790
- TREGUBOV, I. A.
Study of the W-Ta-Re system by the diffusion-layer method /Issledovanie sistemy W-Ta-Re metodom diffuzionnykh sloev/. 20 p3468 A67-37180
- TREGULOV, V. R.
Structural imperfections in epitaxial silicon layers /Strukturnye nesovershenstva v epitaksial'nykh plenках kremliya/. 21 p3681 A67-38359
- TREHAN, S. K.
Oscillations of a non-uniform bounded plasma in a strong magnetic field. 03 p0482 A67-13747
- TREIBEL, W.
Systematic investigations aimed at determining the passenger volume handled and the area accommodated by commercial airports in the Federal Republic of Germany /Methodische Untersuchungen zur Ermittlung des Fluggastaufkommens und der Einzugsgebiete der Verkehrsflughaeften in der Bundesrepublik Deutschland/. 03 p0538 A67-12978
- TREIER, V. V.
Learning threshold circuit employing electrochemical controllable resistors /Obuchalushchayaia porogovaya skhema s ispol'zovaniem elektrokhimicheskikh upravlyaemykh soprotivlenii/. 22 p3809 A67-40480
- TREKHOV, E. S.
Specific power of field harmonics in a high-frequency discharge allowing for their nonlinear interaction. 08 p1357 A67-20827
On the theory of the high-frequency turbulent discharge at high pressure. II. 16 p2723 A67-31769
Theory of a high-pressure vortical discharge in air and argon. III /K teorii vikhrevogo razlada vysokogo davleniya v vozdukhie i argone. III/. 18 p3088 A67-34062
Estimating cross sections for ionization in slow-atom collisions. 24 p4194 A67-42889
- TRENCH, W. F.
A data combination method for postflight trajectory analysis. [AIAA PAPER 64-650] 11 p1817 A67-24335
- TRENOGIN, V. A.
Long-wave-type solutions for quasi-linear elliptic equations in an unbounded strip /Resheniya tipa dlinnykh voln dlia kvazilineynykh ellipticheskikh uravnenii v neogranichennoi poloze/. 14 p2343 A67-28386
- TRENT, R. L.
Screened circuit fabrication equipment. 19 p3192 A67-35026
- TRENTACOSTE, N.
Further experimental results for three-dimensional free jets. 12 p1892 A67-25901
- TRENTINI, G. V.
Transmitting media /Uebertragungsmittel/. 07 p1141 A67-19340
Design and electrical characteristics of the 25 m antenna of the German ground station for satellite communication in Raisting, Germany. 16 p2622 A67-30699
- TREPAUD, P.
Hot-wire probe for studying low-pressure flows and its use in studying the wake of a cylinder /Sonde a fil chaud pour l'etude d'ecoulements a basse pression et son emploi dans l'etude du sillage d'un cylindre/. 01 p0006 A67-10757
A study of wakes behind cylinders in free-molecule flow. 14 p2300 A67-28175
- TREPEL, W. B.
Evaluating adhesives for hydrofoils. 21 p3632 A67-38131
- TRESKUNOV, A. L.
Certain properties of generalized solutions of second-order parabolic equations. 02 p0259 A67-11916
- TRETIACHENKO, G. N.
High temperature strength of materials /Prochnost' materialov pri vysokikh temperaturakh/. 07 p1204 A67-19299
- TRETIACHENKO, L. A.
Phase equilibria in the system Ti-V-C at 1450, 1600, and 1800 deg /Fazovye ravnovesiya v sisteme Ti-V-C pri 1450, 1600 i 1800 deg/. 07 p1204 A67-19299
Structure and certain properties of alloys of sections TiC-VC sub 0.90, TiC-V sub 2 c, TiC-V and in the region TiC-VC sub 0.90 - C of the ternary system 16 p2691 A67-31588
- TRETIKOV, O. J.
Design considerations in PCM transmission of low-resolution monochrome still pictures. 11 p1791 A67-24712
- TRETIKOV, V. G.
Natural oscillations of orthotropic plates /Sobstvennye kolebaniya ortotropnykh plastin/. 02 p0341 A67-12663
- TRETIKOV, M. V.
Construction of a fluid flow past a solid body surrounded by an air space /O postroenii potoka zhidkosti, obtekalushchego tverdoe telo s vozdushnoi prosloiko/. 14 p2239 A67-27985
- TRETIKOV, O. A.
Radiation of electromagnetic waves during the motion of an electron stream above a grid lying on the boundary of a semi-infinite anisotropic dielectric. 05 p0766 A67-17163
- TRETIKOV, V. E.
The problem of the meeting of motions /K zadache o vstreche dvizhenii/. 13 p2085 A67-26382
A problem of motions encounter. 21 p3604 A67-38818
- TRETIKOVA, C. A.
Energy spectrum of nuclear-active particles at mountain altitudes /Energeticheskii spektr ladernoaktivnykh chastits na vysotakh gor/. 24 p4218 A67-42834
- TRETIKOVA, CH. A.
Investigation of ionization bursts at mountain altitudes /Izuchenie ionizatsionnykh tolchok na urovne gor/. 02 p0315 A67-12758
Evaluation of the effective cross-section of the inelastic interaction of primary 10 super 12 -ev protons with atmospheric atomic particles /Otsenka effektivnogo secheniya neuprugogo vzaimodelstviya pervichnykh protonov s energiei 10 super 12 ev s atomnymi ladrami atmosfery/. 02 p0315 A67-12759
Investigation of ionization bursts at mountain altitudes. 22 p3876 A67-40260
Evaluation of the cross section for inelastic interaction of 10 super 12 ev primary protons with air nuclei. 22 p3876 A67-40261
- TRETIKOVA, E. G.
Effect of alloying elements on the properties of the austenite of chromium-nickel steels /Vliyanie legirulushchikh elementov na svoystva austenita khromonikelevykh stalei/. 13 p2142 A67-27285
- TRETIKOVA, M. I.
Angular and energy characteristics of nuclear interactions at 23 and 150 to 500 Bev /Energeticheskie i uglovye kharakteristiki ladernykh vzaimodelstviy pri energiyakh 23 i 150-500 Bev/. 02 p0271 A67-12753
Energy and angular characteristics of nuclear interactions at energies of 23 and 150 to 500 Bev. 22 p3842 A67-40255
New method for analyzing the mechanism of nuclear interactions /Novyi metod analiza mekhanizma ladernykh vzaimodelstviy/. 24 p4193 A67-42859
- TRETOLA, A. R.
Diffused germanium resistors for thermometry in 20 to 70 deg K range. 05 p0773 A67-16464
- TREVELYAN, B.
An optical communication link for laboratory demonstration using microwave modulation of the light beam. 17 p2812 A67-32237
- TREXLER, P. C.
Techniques for sterile insertion and repair of spacecraft. 19 p3180 A67-35259
- TREXLER, T. T.
Lunar surface navigation. 08 p1351 A67-20675
- TRHAL, V.
Review of atomic and molecular frequency standards /Przeglad atomowych i molekularnych wzorow czestosci/. 14 p2333 A67-28975
- TRI, N. M.
Study of the time constants of the formation of a sporadic-E layer under the effect of wind shearing /Etudes des constantes de temps de la formation d'une couche E-sporadique sous l'effet des cisaillements de vent/. 20 p3428 A67-36375
- TRIBKEN, E. R.
A path-damping system for VTOL aircraft. 14 p2246 A67-29082

- TRIBULEV, G. P.**
Biological investigations on the "Voskhod" and "Voskhod-2" 14 p2254 A67-27864
- TRICE, J. B.**
Semiconductor radiation detectors for aerospace application. 02 p0244 A67-12211
- TRICOLES, G.**
Reconstructions of visible images from reduced-scale replicas of microwave holograms. 09 p1496 A67-21709
- TRIDZSKOVA, L.**
Study of the E sub s layer at middle latitudes by the method of VHF forward scattering. 24 p4149 A67-42128
- TRIES, B.**
Some aspects of the use of a cryogenically-cooled primary windings system for an A.C. MHD generator. 16 p2605 A67-30580
- TRIFONOV, I. I.**
Minimum phase-shift filters with given departure from constant attenuation and given nonlinearity of the phase response in the passband. 03 p0380 A67-13579
- TRIFONOV, V. I.**
Singularities of the Faraday effect in N-InSb in the millimeter band. 06 p1047 A67-17755
- TRIFONOVA, G. I.**
Photometric analysis of twilight-halo photographs obtained from the spacecraft Vostok 6 /Fotometricheskii analiz snimkov oreola zari, poluchennykh s kosmicheskogo korablia "Vostok-6"/. 03 p0415 A67-14227
- Photometric analysis of photographs of the twilight aureole obtained from the space ship "Vostok-6." 12 p1932 A67-25483
- TRIGGER, S. A.**
Theory of stability of sound in an inhomogeneous weakly ionized plasma /K teorii ustoiichivosti zvuka v neodnorodnoi slabio ionizovannoi plazme/. 16 p2712 A67-30546
- TRIGG, L.**
Changes in adrenal corticosterone concentration in rats - Method of bio-assay for ACTH. 04 p0560 A67-14525
- TRILIS, V. G.**
A phasemeter for investigating wideband phase-modulated signals /Fazometr dlia izsledovaniia shirokopolosnykh fazomodulirovannykh signalov/. 15 p2444 A67-29414
- TRILLING, L.**
Thermal accommodation of rare gases on clean metal surfaces - Comparison of a simplified classical lattice theory with experiments. 13 p2098 A67-26941
- Velocity distribution measurements by a sensitive time of flight method. 14 p2316 A67-28185
- TRILLO, R. L.**
Propelling hovercraft. 07 p1128 A67-19535
- TRIMBORN, F.**
A simple experimental procedure for the "gap test" /Eine einfache Versuchsanordnung zum "Gap-Test"/. 22 p3866 A67-39489
- TRINKS, H. W.**
High-intensity runaway fluxes in a toroidal discharge /Runaway-Stroeme hoher Intensitaet in einer toroidalen Entladung/. 13 p2162 A67-26270
- TRIOL, J.**
Structural cryogenic vessels of rocket stages. 05 p0874 A67-17015
- TRIOLO, J. J.**
Solar absorptance and thermal emittance of aluminum coated with surface films of evaporated aluminum oxide. [AIAA PAPER 65-656] 03 p0448 A67-13036
- Pre-flight testing of the ATS-1 thermal coatings experiment. [AIAA PAPER 67-333] 12 p2038 A67-26047
- TRIPATHI, R. S.**
Rate of momentum loss to polar modes in semiconductors. 02 p0280 A67-11486
- Small-disturbance flow with two non-equilibrium processes over a wavy wall. 17 p2839 A67-32715
- TRIPODI, M.**
The juridical regime of craft and space installations. 12 p2043 A67-26149
- TRISHEVSKII, I. S.**
Determination of the velocity field of the displacements of the bending elements of a sheet during its forming in the rollers of a profile-bending mill /Opredelenie polia skorostei peremeshchenii podgibaemykh elementov polosy pri ee formirovaniia i
- valkakh profilgibochного stana/. 21 p3631 A67-38052
- TRISKA, P.**
The vertical drift of charged particles as a possible cause of variations in the ionospheric absorption. 10 p1646 A67-23269
- On the dynamics of the lower ionosphere. 11 p1787 A67-24595
- First results of whistler observations in Bulgaria. 14 p2307 A67-27914
- TRISKOVA, L.**
Statistical properties of echoes from meteoric trails during forward scattering at 40 MHz. 01 p0025 A67-10791
- On the connection of meteor activity with the occurrence of the sporadic E-layer. 13 p2201 A67-27391
- TRISTEM, C. E. R.**
Effect of purity on tensile deformation in single crystals. 13 p2137 A67-27112
- TRITTON, D. J.**
Note on the effect of a nearby obstacle on turbulence intensity in a boundary layer. 15 p2471 A67-29651
- Some new correlation measurements in a turbulent boundary layer. 15 p2471 A67-29652
- Convection in horizontal layers with internal heat generation - Experiments. 24 p4255 A67-42563
- TRITZ, G. J.**
Feasibility of using ultrasonics for removing viable microorganisms from surfaces. 19 p3179 A67-34911
- Comparative levels of microbial contamination in clean rooms used for the assembly and test of lunar spacecraft. 23 p3961 A67-40851
- TRIVELPIECE, A. W.**
Cyclotron wave instabilities in a plasma. 13 p2163 A67-26286
- Electromagnetic wave scattering from a high-temperature plasma. 22 p3849 A67-39699
- TRNKA, Z.**
Frequency analysis methods for single-period processes /Metody frekvencni analyzy periodicheskikh jednorazovnykh prubeuh/. 09 p1501 A67-22468
- TROCHERIS, M.**
A mathematical problem in the "quasi-linear" theory of plasma waves. 20 p3494 A67-36149
- TROE, J.**
Studies of unimolecular reactions of triatomic molecules. 18 p3082 A67-33793
- TROESCH, B. A.**
Integral inequalities for two functions. 12 p1960 A67-25258
- Fluid motion in a shallow trapezoidal container. 16 p2661 A67-31421
- TROFIMENKOFF, F. N.**
F.E.T. high-frequency analysis. 02 p0216 A67-12071
- TROIILUS, G.**
The migration of iron in alkaline nickel-cadmium cells with pocket electrodes. 09 p1458 A67-22178
- TROIM, J.**
Rocket measurements of D-region electron number densities at sunrise. 08 p1379 A67-21488
- TROITSKAIA, I. T.**
Biological value of plant proteins in relation to their utilization in a closed life-support system /Izuchenie biologicheskoi tsennosti rastitel'nykh belkov v sviazi s vozmozhnym ispol'zovaniem ikh v biologicheskoi sisteme zhizneobespecheniia/. 16 p2612 A67-30908
- Measurement of the biological value of algal and soya proteins on white rats of four generations /Opredelenie biologicheskoi tsennosti belkov odnokletochnykh vodoroslei i soi na 4 pokoleniakh belykh krysl/. 24 p4111 A67-41847
- TROITSKAIA, V.**
Study from two conjugate points of radioelectric VLF emissions /0.8 to 10 kHz/ /Etude en deux points conjugués des émissions radioélectriques de très basse fréquence /0.8 - 10 kHz/. 06 p0997 A67-18698
- Polarization of Pc 1 /pearl/-type hydromagnetic oscillations at the magnetically conjugate points Sogra /USSR/ and Kerguelen Island /Polarizatsiia gidromagnitnykh kolebaniil tipa Pc-1 /zhemchuzhiny/ v magnitno sopriazhennykh tochkakh Sogra /SSSR-/KERGELEN /Frantsiia/. 17 p2850 A67-32974
- TROITSKAIA, V. A.**
Polarization of type Pc1 hydromagnetic oscillations observed at two conjugate geomagnetic stations /Polarisation des oscillations hydromagnétiques de type Pc1 observées en deux stations geomagnétiques conjuguées/. 03 p0406 A67-12818
- Observations of ULF emission at two conjugate points /Nabludeniiia ul'tranizkochastotnogo izlucheniia v dvukh sopriazhennykh tochkakh/. 03 p0411 A67-13347
- Rapid variations of the electromagnetic field as an indication of the state of the radiation belts and the geomagnetosphere. 12 p1994 A67-25537
- Application of the rapid variations of the earth's electromagnetic field to the diagnostics of the state of the magnetosphere /Ispol'zovanie bystrykh variatsii elektromagnitnogo polia zemli dlia diagnostiki sostoiianiia magnitosfery/. 17 p2846 A67-32937
- Regularities in the behaviour of micropulsations during the solar cycle. 19 p3325 A67-35486
- Characteristics of the irregular pulsations of diminishing periods /IPDP/ and their relations to the variations of the flux of particles trapped in the magnetosphere /Caracteristiques des pulsations irregulieres de periode decroissante /I.P.D.P./ et leurs relations avec les variations du flux des particules piegees dans la magnetosphere/. 20 p3431 A67-37097
- Micropulsations and the state of the magnetosphere. 22 p3883 A67-39674
- TROITSKAIA, Z. V.**
Selection of the angular rigidity of the shock-absorbing system of a gyroscopic device /O vybore uglovoi zhestkosti sistemy amortizatsii giroskopicheskogo pribora/. 15 p2490 A67-30173
- TROITSKII, B. V.**
Origin of inhomogeneities in the ionospheric F2 layer /O proiskhozhdenii neodnorodnostei v sloe F2 ionosfery/. 02 p0236 A67-11669
- Origin of inhomogeneities in the F sub 2 - layer of the ionosphere. 16 p2665 A67-31084
- TROITSKII, I. U. V.**
Emission polarization and frequency characteristics of annular lasers with triangular resonators /O polarizatsii izlucheniia i chastotnykh kharakteristikakh kol'tsevykh lazerov s rezonatorom treugol'noi formy/. 09 p1512 A67-21923
- The polarization of radiation and the frequency characteristics of ring lasers with a triangular resonator. 14 p2330 A67-28252
- TROITSKII, V.**
Thermal conductivity of lunita as dependent on temperature. 09 p1565 A67-21987
- TROITSKII, V. A.**
Optimization of motion for a two-stage rocket. 01 p0154 A67-10993
- Accumulation of periodic perturbations /O nakoplenii periodicheskikh vozmushchenii/. 03 p0469 A67-14178
- Optimum modes of motion of multistage rockets /Ob optimal'nykh rezhimakh dvizheniia mnogostupenchatykh raket/. 13 p2213 A67-27321
- TROITSKII, V. I.**
Synthesis of optimal shock absorbers /O sinteze optimal'nykh amortizatorov/. 22 p3776 A67-39394
- Mixed problems of antenna synthesis. 24 p4129 A67-42228
- TROITSKII, V. S.**
Results of measurements of the radio emission of the moon at the wavelengths 7.93, 11.0, 14.2, and 20.8 cm /Rezultaty izmerenii radioizlucheniia lunny na volnakh 7,93, 11,0, 14,2 i 20,8 cm/. 02 p0322 A67-11581
- Investigation of the surfaces of the moon and planets by means of thermal radiation. 08 p1390 A67-21024
- Measurement of lunar radio emission in the 30-to 60-cm range /Izmerenie radioizlucheniia lunny v diapazone 30-60 cm/. 15 p2552 A67-29148
- Determination of the temperature dependence of the thermal conductivity of lunar material /Opredelenie temperaturnoi zavisimosti teploprovodnosti lunita/. 22 p3886 A67-40119
- Measurement of radio emission from the moon in the 30-60 cm band. 24 p4239 A67-43071
- TROJAN, S.**
Methodical notes to the influence of radial

- acceleration on the central nervous system. 22 p3753 A67-40540
Adaptation of the central nervous system to repeated acceleration. 22 p3753 A67-40541
- TROJANOVA, Z.**
Thermally activated slipping of cadmium single crystals /Thermisch aktivierte Gleitung von Kadmium-Einkristallen/. 07 p1234 A67-20109
- TROKE, R. W.**
A simple in-flight airloads computer. 01 p0030 A67-11103
Flat vs. stacked rosettes. 13 p2219 A67-27093
A simple in-flight airloads computer. 14 p2315 A67-28002
- TROKHAN, A. M.**
Measuring the velocity of plasma jets. 04 p0666 A67-15188
Flame turbulence study by photoelectrical method /Issledovanie turbulentnosti plamen fotoelektricheskimi metodami/. 05 p0927 A67-16942
Investigation of flame turbulence by the photoelectric method. 14 p2406 A67-28490
- TROKHIMENKO, I. A. K.**
Automation of electronic network design /Avtomatizatsiya rascheta radioelektronnykh skhem/. 13 p2088 A67-26747
Realization of linear networks with the aid of contour numbers /Realizatsiya lineynykh skhem pri pomoshchi konturnykh chisel/. 19 p3201 A67-34906
- TROLINGER, J. D.**
Development of a regenerative collector target system for ion engine testing. [AIAA PAPER 66-500] 11 p1852 A67-24341
- TROMBSKI, M.**
Natural vibrations of a circular orthotropic plate with a linearly variable thickness /Drgania wlasne kolowej plyty ortotropowej o zmiennej liniowo grubosci/. 21 p3728 A67-38898
- TROMSDORFF, W.**
An experimental apparatus for producing liquid drops of uniform size /Eine Versuchsanlage zur Erzeugung gleich grosser Flussigkeitstropfen/. 18 p3052 A67-34610
- TROMPLER, D. H.**
Powerplant pressurization for altitude. [SAE PAPER 670267] 12 p1899 A67-25511
- TROSHCHENKO, V. T.**
High temperature strength of materials /Prochnost' materialov pri vysokikh temperaturakh/. 07 p1208 A67-19299
- TROSHIN, B. I.**
Emission polarization and frequency characteristics of annular lasers with triangular resonators /O polarizatsii izlucheniya i chastotnykh kharakteristikakh kol'tsevykh lazerov s rezonatorom treugol'noi formy/. 09 p1512 A67-21923
The polarization of radiation and the frequency characteristics of ring lasers with a triangular resonator. 14 p2330 A67-28252
Interaction between traveling waves in an annular gas laser /O vzaimodeistvii begushchikh voln v gazovom kol'tsevom lazere/. 14 p2332 A67-28856
On the interaction of traveling waves in an annular gas laser. 19 p3242 A67-36107
- TROSHIN, I. A. K.**
Gasdynamics of combustion. 02 p0343 A67-12679
Experimental determination of polytrope index values for gas detonation products /Eksperimental'noe opredelenie velichiny pokazatelya politropy dlia produktov gazovoi detonatsii/. 05 p0927 A67-16999
Initiation of an explosive reaction in condensed explosives by a gas detonation. 06 p1112 A67-17954
Detonation initiation in liquid explosives by cavitation /Vozbuzhdenie vzryva zhidkikh vzryvchatykh veshchestv kavitatsiei/. 11 p1884 A67-24956
Discrete nature of the changes in the structure of a gas-detonation wave /O diskretnom kharaktere izmeneniya struktury volny gazovoi detonatsii/. 16 p2856 A67-30452
Properties of detonation in some heterogeneous systems /O svoystvakh detonatsii v nekotorykh geterogennykh sistemakh/. 20 p3551 A67-36815
- TROSHKINA, O. B.**
Dependence of the sensitivity of spectral determinations of microquantities of fluorine on the arc temperature and plasma composition /Zalezhnost' chutlivosti spektral'nogo viznacheniya mikrokol'kostei floru vid temperatury dugi i skladu plazmi/. 12 p1977 A67-26108
- TROSS, A.**
Nature and mechanism of strength of materials /Ueber das Wesen und den Mechanismus der Festigkeit/. 08 p1414 A67-20307
- TROSTIANSKAIA, E. B.**
Effect of high temperature on the strength of solidified resins and resin-based materials. II /Vliianie povyshennykh temperatur na prochnost' otverzhdennykh smol i materialov na ikh osnove. II/. 05 p0833 A67-17098
- TROTT, E. P.**
Parametric relationships of factors affecting maintainability of long duration manned space flights. 18 p3138 A67-34688
Case study - MARCEP applied to space systems. 18 p2995 A67-34689
- TROTTA, R.**
Electromagnetic scattering from free-space impedance homogeneous spheres. 23 p3973 A67-40882
- TROUGHTON, A. J.**
The value of non-destructive testing in the aircraft industry. 11 p1799 A67-24654
The importance of service inspection in aircraft fatigue. 24 p4250 A67-42442
- TROUILLET, R.**
The hydraulic system of the Concorde. 17 p2800 A67-31971
- TROUT, D. L.**
Effects of hydrazine on heat balance and source of metabolic energy. 18 p2992 A67-34714
- TROUT, O. F., JR.**
Investigation of man's extravehicular capability in space by water immersion simulation techniques. [AIAA PAPER 66-903] 02 p0187 A67-12270
Water immersion simulation of extravehicular activities by astronauts. [AIAA PAPER 66-903] 15 p2431 A67-24439
- TROY, P.**
Environmental simulation. 22 p3781 A67-40343
- TROZZO, P. S.**
Fracture behavior of ultrahigh-strength-steel laminar composites. 22 p3822 A67-40056
- TROUCHANINOV, S. A.**
Adiabatic motion of plasmoids in a longitudinal magnetic field /K voprosu ob adiabatchnosti dvizheniya plazmennyykh sgustkov v prodol'nom magnitnom pole/. 01 p0122 A67-10351
Adiabatic motion of plasmoids in longitudinal magnetic fields. 11 p1844 A67-25024
Adiabatic motion of plasmoids in a longitudinal magnetic field /K voprosu ob adiabatchnosti dvizheniya plazmennyykh sgustkov v prodol'nom magnitnom pole/. 15 p2524 A67-29245
- TRUBENOK, V. D.**
Effect of vortex generators on the aerodynamic characteristics of a wing and a body of revolution /Vliianie vikhreobrazovatelei na aerodinamicheskie kharakteristiki kryla i tela vrashcheniya/. 17 p2792 A67-32904
- TRUBERT, M.**
Structural and electromechanical interaction in the multiple-exciter technique for random vibration testing. 19 p3339 A67-34961
- TRUBNIKOV, B. N.**
Orographic effect of the oceans and continents on the stratospheric pressure field in the Northern Hemisphere /K voprosu ob orograficheskoi vliyanii materikov i okeanov na pole davleniya v stratosfere severnogo polushariya/. 13 p2112 A67-26672
Transfer of tropospheric meso-scale perturbations into the upper atmospheric layers /O perenose mezomasshtabnykh troposfernykh vozmushchenii v verkhnie sloi atmosfery/. 13 p2112 A67-26673
Interaction between the troposphere and the stratosphere in middle latitudes /K voprosu o vzaimodeistvii troposfery i stratosfery srednikh shirot/. 13 p2112 A67-26674
Seasonal variations in the high-latitude stratosphere and mesosphere /Sezonnye izmeneniya v stratosfere i mezosfere vysokikh shirot/. 13 p2113 A67-26675
Role of heat inputs in the formation of a stratospheric thermal regime /O roli pritokov tepla v formirovani termicheskogo rezhima stratosfery/. 13 p2113 A67-26677
- TRUBRIDGE, G. F. P.**
The design of rocket nozzles to reduce gas misalignment. 15 p2547 A67-29995
- TRUCKENBRODT, E.**
Aircraft Dynamics. Volume 1 /Aerodynamik des Flugzeuges. Volume 1 /2nd Edition/. 20 p3355 A67-36199
Decisive findings concerning wing drag /Die entscheidenden Erkenntnisse ueber den Widerstand von Tragflugeln/. 23 p3930 A67-41306
- TRUDEL, J. D.**
Cauer filters and the approximation problem. 15 p2452 A67-29935
- TRUE, H. C.**
The turboprop lift fan VTOL propulsion system - After the first generation. [AHS PAPER 115] 16 p2737 A67-31831
- TRUEMPER, M.**
Observations on shear-free flows of a gravitating gas /Bemerkungen ueber scherungsfreie Stroemungen gravitierender Gase/. 14 p2348 A67-28580
Einstein field equations for the axisymmetric, stationary gravitational field in the interior of a rigid, rotating ideal fluid /Einsteinsche Feldgleichungen fuer das axialsymmetrische, stationaere Gravitationsfeld im Innern einer starr rotierenden idealen Fluesigkeit/. 23 p4028 A67-41149
- TRUFFY, J.**
Study of fast tunnel diode switching /Etude de commutation rapide a diodes tunnel/. 19 p3193 A67-35065
- TRUITT, J. K.**
Development of the molten carbonate fuel cell system. 20 p3364 A67-37015
- TRUKAN, M. K.**
Electrical properties of gallium-phosphide/gallium-arsenide p-n heterojunctions /Elektricheskie svoystva p-n geteroperekhodov fosfid gallia-arsenid gallia/. 05 p0867 A67-17054
Injection luminescence of epitaxial heterojunctions in the GaP-GaAs system /Inzhetsionnaya luminesentsiya epitaksial'nykh geteroperekhodov v sisteme GaP-GaAs/. 09 p1554 A67-21975
Investigation of volt-ampere characteristics of diffused p-n junctions in GaAs sub 0.65 P sub 0.35 /Issledovanie vol'tempernykh kharakteristik diffuzionnykh p-n-perekhodov v GaAs sub 0.65 P sub 0.35/. 12 p1984 A67-25519
Electric and photoelectric properties of epitaxial gallium arsenide films /Elektricheskie i fotoelektricheskie svoystva epitaksial'nykh sloev arsenida gallia/. 12 p1984 A67-25521
Electrical properties of gallium phosphide-gallium arsenide p-n heterojunctions. 15 p2538 A67-29785
Injection luminescence of epitaxial heterojunctions in the GaP-GaAs system. 17 p2923 A67-33312
Investigation of the current-voltage characteristics of diffused p-n junctions in GaAs sub 0.65 P sub 0.35. 18 p3103 A67-34450
Electrical and photoelectric properties of epitaxial films of gallium arsenide. 18 p3103 A67-34452
- TRUKHACHEV, A. A.**
Reliability of detection and accuracy of measurement of the parameters of fluctuating signals in multi-channel systems. 24 p4120 A67-42223
- TRUKHAN, E. M.**
The anomalous Hall effect in microcrystalline germanium. 11 p1846 A67-24471
- TRUKHAN, V. G.**
Self modulation of emission from an injection semiconductor laser. 06 p1009 A67-17756
Emission of a short single pulse by an injection semiconductor laser. 09 p1516 A67-22659
- TRUMBO, D.**
Further evidence on secondary task interference in tracking. 13 p2061 A67-26490
Secondary task interference in the performance of tracking tasks. 13 p2061 A67-26491
The organization of skilled response. 14 p2254 A67-28034
- TRUMBO, D. E.**
Temperature of the solar corona from intensity gradients measured during the May 30, 1965 total eclipse. 14 p2387 A67-28564
Temperature of the solar corona from

- intensity gradients measured during the May 30, 1965 total eclipse. 19 p3318 A67-35017
- TRUMBORE, F. A.**
P-n junctions in compensated solution-grown GaP. 17 p2921 A67-33053
- TRUMMEL, M.**
High-volume data-processing techniques applied to Ranger acoustic testing. 12 p1924 A67-25713
- TRUMP, G. E.**
Ion rocket engine propellant systems and high voltage electrical isolation studies. [AIAA PAPER 67-681] 21 p3692 A67-38712
- TRUMPY, B.**
Rocket measurement of proton energy spectra and pitch angle distribution in the auroral zone. 01 p0061 A67-11261
- TRURAN, J. W.**
Helium deficiency in old halo B stars. 09 p1568 A67-22438
Nucleosynthesis in supernova shock waves. 18 p3136 A67-34726
- TRUSCELLO, P. J.**
A monolithic ferrite space memory. 02 p0208 A67-12162
- TRUSCH, R. B.**
Carbon dioxide control in spacecraft by regenerable solid adsorbents. 20 p3374 A67-36611
- TRUSHINA, V. E.**
A gallium arsenide electron-photon transistor. 11 p1765 A67-24475
- TRUSOV, L. P.**
The kinetics of structural changes and failure of heat-resistant metals during prolonged testing /Kinetika strukturnykh prevrashchenii i razrusheniia zharoprochnykh spлавov pri dlitel'nykh ispytaniakh/. 22 p3818 A67-39320
- TRUSOV, V. L.**
Mechanism of fuel burnout in the region of inflow of the secondary jets into the combustion chamber of a gas-turbine engine /O mekhanizme vygoraniia topliva v zone vtekania strui vtorichnogo vozdukhа v kamere sgoraniia gazoturbinnogo dvigatel'ia/. 22 p3869 A67-40453
- TRUSTY, G. L.**
Observed laser lines in freon-helium mixtures. 22 p3817 A67-40489
- TRUTSE, IU. L.**
Hydrogen and hydroxyl emissions in the nightglow. 19 p3223 A67-35483
- TRYON, H. B.**
An investigation of the effects of electromagnetic forces on the rotor-dynamic performance of a 15 kva gas-bearing Brayton cycle turboalternator. 24 p4102 A67-42487
- TRZHISKOVA, L.**
Study of the E sub S layer in middle latitudes by the method of forward ultrashort-wave scattering /Issledovanie sloia E sub S v srednikh shirotakh metodom rasselaniia ukv vpered/. 10 p1630 A67-22792
- Some properties of meteoric echoes during forward ultrashortwave scattering /Nekotorye svoistva meteornykh ekho pri rasselanii UKV vpered/. 14 p2383 A67-27924
- Motions of discontinuities in the E layer, obtained from ultrashort-wave diversity-reception data /Dvizheniia neodnorodnostei v sloe E, poluchennye po dannym raznesennogo priema UKV/. 15 p2479 A67-30148
- TSACENKOV, B. V.**
Influence of uniform pressure and of temperature on the characteristics of p-n tunnel junctions in GaAs. 17 p2923 A67-33314
- TSAL, C. S.**
Elastic wave and infrared light interactions with a moving high-field domain in a piezoelectric semiconductor. 07 p1232 A67-19556
- Optical imaging of a complex ultrasonic field by diffraction of a laser beam. 15 p2487 A67-29498
- TSAL, I. P.**
Polynomial solutions for a set of equations of thermoelastic equilibrium of an anisotropic plate /O polinomial'nykh resheniiakh sistemy uravnenii termoprugogo ravnovesiia anizotropnoi plastinki/. 10 p1718 A67-23405
- TSAL, L. L.**
Mutual coupling between TEM and TE sub 01 parallel-plate waveguide apertures. 02 p0211 A67-11596
- TSAL, S. C.**
Measuring coefficients of friction in servovalves. 16 p2610 A67-31915
- TSAL, S. W.**
Thermal conductivities of unidirectional materials. 14 p2404 A67-28099
- TSAL, Y. W.**
A method for the prediction of radiative heat transfer from flames. [ASME PAPER 67-HT-47] 20 p3547 A67-36729
- TSAKADZE, J. S.**
Damping of oscillations of a type two superconductor in a magnetic field. 20 p3505 A67-36203
- TSALIEV, T. A.**
Experimental study of the one-dimensional array of rectangular waveguides /Eksperimental'noe issledovanie odnomernoi reshetki priamougol'nykh volnovodov/. 13 p2069 A67-27032
- TSAO, C. H.**
Multiple meson production by heavy primary nuclei of cosmic origin and their fragmentation products at energies above 10 super 12 eV. 20 p3518 A67-37092
- TSAO, C. K.**
A uniform flow of a radiating gas over a flat plate. 04 p0737 A67-15863
A method for two-dimensional radiation effect. 05 p0928 A67-17358
- TSARAPKIN, S. A.**
Calculation of slotted-waveguide antennas taking into account the interaction between radiators at the principal wave. 03 p0385 A67-13951
- TSAREGRADSKII, V. B.**
Some applications of the generalized Callen-Welton theorem to the calculation of the oscillation characteristics of quantum devices /O nekotorykh primeneniakh obobshchennoi teoremy Kallena-Veltona dlia rascheta fluktuatsionnykh kharakteristik kvantovykh ustroystv/. 05 p0762 A67-16350
- Maser oscillator with sinusoidal field distribution. IV. 05 p0826 A67-17234
- TSARENKOV, B. V.**
Some properties of GaAs lasers with an epitaxial p-n junction at room temperature /Nekotorye svoistva kvantovykh generatorov iz GaAs s epitaksial'nym p-n perekhodom pri komnatnoi temperature/. 01 p0087 A67-10080
- Continuous coherent radiation of epitaxial GaAs diodes at a temperature of 77 deg K /Nepreryvnoe kogerentnoe izluchenie epitaksial'nykh diodov iz GaAs pri temperature 77 deg K/. 01 p0090 A67-10548
- Continuous coherent radiation of epitaxial diodes of GaAs at 77 deg K. 01 p0091 A67-11056
- The change in the current voltage characteristic of a GaAs quantum generator during the transition from amplification to generation /Izmenenie kharakteristiki tok-napriazheniia gaas kvantovogo generatora pri perekhode ot usileniia izlucheniia k rezhimu generatsii/. 04 p0678 A67-15132
- Kinetics of recombination of excess carriers in GaAs p-n junctions. 05 p0861 A67-16391
- Thin multifilm GaAs-metal contacts /Tonkie mnogosloinnye kontakty arsenid galliia-metall/. 06 p1050 A67-17939
- On the mechanism of recombination radiation of p-n junctions in GaAs. 06 p1063 A67-18934
- A comparative study of recombination radiation from GaAs p-n junctions with and without Fabry-Perot resonators. 08 p1337 A67-20413
- Some properties of GaAs lasers with epitaxial p-n junctions at room temperature. 08 p1340 A67-21457
- Effect of hydrostatic pressure and temperature on the characteristics of tunnel p-n junctions in GaAs /Vlianie vvestoronnego davleniia i temperatury na kharakteristiki tunnel'nykh p-n-perekhodov v GaAs/. 09 p1554 A67-21977
- A gallium arsenide electron-photon transistor. 11 p1765 A67-24475
- Changes in the current-voltage characteristics of lasers during the transition from amplifier to the laser modes of operation. 12 p1951 A67-25156
- Thin multilayer gallium arsenide - Metal contacts. 18 p3100 A67-33775
- TSARENKOV, G. V.**
Recombination waves in a finite sample. 04 p0681 A67-15290
- Conditions for the existence of slow and fast recombination waves in semiconductors /Uslovia sushchestvovaniia medlennykh i bystrykh rekombinatsionnykh voln v poluprovodnikakh/. 18 p3099 A67-33696
- TSARS, A. A.**
Heat transfer from a vibrating cylinder in a circular channel /Teplotodach ot vibrirulushchego tsilindra v kol'tsevom kanale/. 20 p3554 A67-37303
- TSCHANG, P.-S.**
Energy transfer and electron conduction in a nonequilibrium argon arc column at one atmosphere. [AIAA PAPER 67-693] 21 p3672 A67-38722
- TSCHAUNER, J.**
Trajectories of central force motion /Die Bahnen der Zentralbewegung/. 02 p0327 A67-12375
- Elliptic orbit rendezvous. [AIAA PAPER 66-537] 14 p2394 A67-28115
- Contribution to the theory of central movement /Ein Beitrag zur Theorie der Zentralbewegung/. 20 p3526 A67-37254
- TSCHINKE, M.**
Photoelastic investigation of transient stresses around the blade roots of turbine disks /Studio fotoelastico sui fenomeni transitori all' attacco delle palette di turbomacchine/. 05 p0811 A67-16602
- TSEBULIA, G. G.**
New interpretation of the edge absorption of Ge and CdTe /Nova interpretatsiia kralovogo poglinannia Ge ta CdTe/. 20 p3511 A67-37143
- TSEDILINA, E. E.**
Spreading and shape of inhomogeneities in a plasma. 07 p1250 A67-19810
- The motion and dispersion of an inhomogeneity in a plasma /Dvizhenie i rasplyvanie neodnorodnostei v plazme/. 14 p2359 A67-28504
- Diffusion of discontinuities propagating in a plasma situated in a magnetic field /Ionosphere /Rasplyvanie dvizhushchikhsia neodnorodnostei v plazme, nakhodiaschelsia v magnitnom pole /ionosphere/. 21 p3621 A67-39020
- TSEITLIN, A. I.**
On the methods of dual integral equations and dual series and their application to problems of mechanics. 11 p1812 A67-24150
- TSEITLIN, A. M.**
Effect of plastic deformation with subsequent thermal treatment on the Young's modulus and crystallographic texture of Invar-type Fe-Ni-Ti alloys /Vlianie plasticheskoi deformatsii i posledulushchel termicheskoi obrabotki na modul' iunga i kristallograficheskuiu teksturu Fe-Ni-Ti spлавov Invarnogo tipa/. 05 p0831 A67-17485
- TSEITLIN, N. M.**
The effect of feed displacement from focus on the accuracy of antenna measurements. 01 p0035 A67-10392
- Measurement of lunar radio emission in the 30-to 60-cm range /Izmerenie radiolizlucheniia luny v diapazone 30-60 cm/. 15 p2552 A67-29148
- Measurement of radio emission from the moon in the 30-60 cm band. 24 p4239 A67-43071
- TSEITLIN, V. B.**
The errors in measuring scattering patterns in the Fresnel region. 24 p4120 A67-42229
- TSELNIK, F. A.**
Method for injecting charged particles into magnetic traps /Ob odnom metode inzhekttsii zariazhennykh chastits v magnitnye lovushki/. 01 p0122 A67-10350
- A method of injecting charged particles into a magnetic trap. 11 p1844 A67-25023
- TSSEN, L. F.**
Characteristics of ventilated airfoil sections in a free jet /Caracteristiques des profilis ventiles dans un jet libre/. 05 p0793 A67-17321
- Wall streamlines on a circular cone at an angle of incidence in a supersonic flow /Lignes de courant parietales sur un cone circulaire en incidence dans un ecoulement supersonique/. 13 p2049 A67-26591
- Distribution of the convection coefficient on a cone at an angle of attack in a supersonic flow /Repartition du coefficient de convection sur un cone en incidence dans un ecoulement supersonique/. 17 p2791 A67-32702
- Contribution to the study of a three-dimensional compressible laminar boundary layer with heat transfer /Contribution a l'etude de la couche limite tridimensionnelle laminaire compressible avec transfert de chaleur/. 21 p3615 A67-39127

TSENG, F. I.

Gain optimization for antenna arrays with random errors design parameters. 01 p0032 A67-10005
Signal-to-noise ratio maximization for receiving arrays. 03 p0385 A67-13860
Maximization of directive gain for circular and elliptical arrays. 13 p2082 A67-27406

TSENG, F.-I.

Gain optimization for arbitrary antenna arrays subject to random fluctuations. 16 p2638 A67-31336

TSENG, G.-T.

Dynamics of the bifilar pendulum. 08 p1354 A67-20922

TSEPURE, I. IA.

Heat transfer in the stabilization stage of magnetohydrodynamic flow in a plane channel /Teploobmen na uchastke stabilizatsii magnitogidrodinamicheskogo techeniya v ploskom kanale/. 14 p2358 A67-28283

TSEREVITINOV, S. S.

Passage of plasmoids through longitudinal magnetic fields /Prokhozhenie plazmennyykh sgustkov cherez prodol'nye magnitnyye polya/. 19 p3288 A67-35364

TSERTSVADZE, G. N.

Behavior of certain classes of stochastic automata in random media. 08 p1313 A67-21327

TSESEVICH, V. P.

Stars of the type of RR Lyrae /Zvezdy tipa RR Liry/. 22 p3880 A67-39463

TSIAULOUSKI, M. D.

Oscillography for the impact process in bending and tension /Astsylagorafavanne pratesu udaru pry defarmatsiyakh vygibu i rastslazhenniya/. 13 p2215 A67-26391

TSIBIZOV, K. N.

Waveguide Theory /Teoriya Volnovodov/. 18 p3000 A67-33677

TSIDILKOVSKII, I. M.

Spin-magnetophononic and magnetophononic oscillations of magnetic resistance in n-InAs /Spinmagnitofononnye i magnitofononnye ostslilatsii magnitosoprotivleniya v n-InAs/. 01 p0133 A67-10547

Spin magnetophonon and magnetophonon oscillations of magnetoresistance in n-InAs. 01 p0137 A67-11055

TSIKIN, I. A.

Noise immunity in the reception of signals via a channel with unknown parameters. 05 p0767 A67-17399
On the synthesis of adaptive detection systems. 20 p3384 A67-37333

TSIKULIN, M. A.

Study of the effect on solids of light radiation from a source of the explosion type /Issledovanie vozeistviya na tverdoe veshchestvo svetovogo izlucheniya, poluchennogo pri pomoshchi istochnika vzryvnogo tipa/. 11 p1782 A67-24955

TSIKUNOV, V. N.

Influence of diffusion of excitation on the conditions of multimode generation. 03 p0437 A67-13207

TSINOBER, A. B.

Turbulent magnetohydrodynamic flows in prismatic and cylindrical pipes /Turbulentnye magnitogidrodinamicheskie techeniya v prizmaticheskikh i tsilindricheskikh trubakh/. 04 p0669 A67-15513

Resistance in an MHD flow past a sphere /K voprosu o soprotivlenii pri magnitogidrodinamicheskoi obtekanii shara/. 04 p0670 A67-15530

Flow of an electrically conducting fluid past a flat plate in a transverse magnetic field /Obtekanie ploskoi plastiny elektroprovodnykh zhidkost'yu v poperechnom magnitnom pole/. 06 p1043 A67-18677

Resistance of poorly streamlined bodies at large Stuart numbers /Soprotivleniye plokhoe obtekaemykh tel pri bol'shikh chislakh Stiuarta/. 06 p1045 A67-18692

Comments on the theory of conducting fluid jets /Nekotorye zamechania k teorii strui provodnykh zhidkostei/. 13 p2169 A67-27317

Two-dimensional magnetohydrodynamic jets. 16 p2722 A67-31570

Possibility of increasing the flow stability in a boundary layer with the aid of crossed electric and magnetic fields /O vozmozhnosti povysheniya ustoiichivosti techeniya v pogranichnom sloe s pomoshch'yu

skreshchennykh elektricheskogo i magnitnogo polei/. 21 p3666 A67-38251

TSINTSADZE, N. L.

Energy loss of a moving charge in a weakly turbulent magnetoplasma. 08 p1357 A67-20844
On the theory of transport phenomena in a weakly turbulent plasma. 19 p3286 A67-35351
On decays of ion-sound oscillations in a weakly ionized plasma. 20 p3501 A67-37291

TSIOVKIN, I. U. N.

Temperature dependency of the specific heat of some titanium alloys /Temperaturnaya zavisimost' teploemkosti nekotorykh splavov titana/. 17 p2873 A67-32770

TSIRKEL, B. I.

Probe investigation of plasma parameters in a high-pressure cesium thermionic converter. I - Experimental method - Theory. 02 p0184 A67-12467

TSIRLIN, A. M.

Method for calculating the operational parameters with allowance for gas-dynamic factors, and the determination of the principal geometric dimensions of an electric arc generator with vortex gas stabilization of the arc /Metodika rascheta rabochikh parametrov s uchedom gazodinamicheskikh faktorov i opredeleniye osnovnykh geometricheskikh razmerov elektrodugovogo generatora s vikhrevoi gazovoi stabilizatsiei dugi/. 09 p1547 A67-22320

TSISEK, Z.

A generator of a sequence of nanosecond light pulses /Generator seriil svetovykh nanosekundnykh impul'sov/. 19 p3228 A67-34987

TSITOVICH, S. I.

Transformation of human waste products and the biocomplex to maintain a life cycle in small closed spaces /O transformatsii produktov zhiznedatel'nosti cheloveka i biokompleksa pri osushchestvlenii krugovorota veshchestv v malyykh zamknutykh prostranstvakh/. 02 p0187 A67-12326

TSITSINA, N. P.

Deep-lying energy levels in indium antimonide. 05 p0861 A67-16399

TSITSISHVILI, E. G.

Strongly doped semiconductors in magnetic fields. 01 p0128 A67-10096

TSKHAKAIA, D. D.

Kinetic equations for the radiation processes in a plasma located in a strong magnetic field /Kineticheskie uravneniya dlya radiatsionnykh protsessov v plazme, nakhodivshchiesya v sil'nom magnitnom pole/. 22 p3851 A67-39736

TSLAF, A. L.

Method of determining the current density of an arc that changes its position in a narrow-slot chamber under the action of an external magnetic field /Otnositel'no metodiki opredeleniya plotnosti toka dugi, peremeshaemol v uzkochelevoi kamere vneshnim magnitnym polem/. 03 p0476 A67-13179

TSIAF, L. IA.

Calculus of variations and integral equations /Variatsionnoe ischislenie i integral'nye uravneniya/. 16 p2696 A67-31200

TSO, W. K.

Orthogonality condition for the vibrational modes of elastic shells. 23 p4073 A67-40616

TSODOKOVA, N. S.

On the permanent axes of rotation of a gyrost with a fixed point. 06 p1002 A67-18041

TSOPP, L. E.

Interaction of plasma bunches with a high-power microwave. 19 p3291 A67-35384

TSOTSKHALISHVILI, N. V.

Observation of periodic variation of oscillation modes in a He-Ne laser /Nabludenie periodicheskogo izmeneniya tipov kolebaniy v He-Ne lazere/. 12 p1952 A67-25437

TSOU, F. K.

Flow and heat transfer in the boundary layer on a continuous moving surface. 10 p1732 A67-22728

TSU, C. N.

Transient pressures caused by rocket start and shutdown in ducted launchers. 22 p3780 A67-40091

TSU, R.

Low temperature breakdown in silicon Zener diode. 06 p0968 A67-17814

TSUBAKI, T.

A new model of the coronal condensation. 17 p2945 A67-32690

TSUBOUCHI, N.

Second breakdown in MOS transistors. 07 p1157 A67-19906

TSUCHIYA, A.

Observation of the S-component of the solar radio emission by an eight element grating interferometer at 17 Gc/s. 10 p1711 A67-23802

TSUCHIYA, H. M.

Optimal and dynamic characteristics of a continuous photosynthetic algal gas exchanger. 02 p0186 A67-11861
Statistics and dynamics of microbial cell populations. 05 p0757 A67-17156
Continuous synchronous culture of photosynthetic micro-organisms. 19 p3177 A67-34913

TSUDA, J.

Solution of optimal control problems using hybrid computers. 11 p1770 A67-24426

TSUDA, T.

Computer study of nonlinear cross-field instability. 18 p3092 A67-34746
Monte Carlo path-integral calculations for two-point boundary-value problems. 20 p3475 A67-36481

TSUEI, Y. G.

Investigation of a turbulent radial wall jet. [ASME PAPER 67-APM-10] 17 p2838 A67-32419

TSUI, E. Y. W.

Optimum thickness transitions for cylindrical pressure vessels with hemispherical heads. 15 p2573 A67-29419

TSUJI, H.

The counterflow diffusion flame in the forward stagnation region of a porous cylinder. 18 p3155 A67-33842

TSUJIUCHI, J.

Topographic generation of a contour map of a diffusely reflecting surface by using the immersion method. 16 p2670 A67-30612

TSUKADA, K.

Analysis of Esaki diode pair bistable circuit. 21 p3604 A67-38603

TSUKAMOTO, S.

On the dynamic optimization of a relay servosystem by the method of perturbation. 05 p0783 A67-16445

TSUKERBLAT, B. S.

On the theory of multiphonon radiationless transitions between local states of different multiplicity. II - Quantum yield of the R-line luminescence of ruby - Low temperatures. 03 p0433 A67-12852

TSUKERMAN, V. G.

Some features of the intrinsic photoeffect in layers of the Se-As-Tl system in the visible and X-ray spectral regions /O nekotorykh osobennostiakh vnutrennego fotoeffekta v sloiakh sistemy Se-As-Tl v vidimoi i rentgenovskoi oblastiakh spektra/. 03 p0498 A67-13838

Certain characteristics of the photoconductive effect in layers of the system Se-As-Tl in the visible and X-ray regions of the spectrum. 13 p2184 A67-27719

TSUKISHIMA, T.

Correlation of density fluctuations and diffusion in a plasma. 01 p0124 A67-10911
Correlation of density fluctuations and diffusion in a plasma. 11 p1829 A67-24003
Microwave measurement of shock produced plasmas. 19 p3293 A67-35398

TSUKUDA, M.

Observation of electron flux by L-3 rockets. 01 p0144 A67-10564

Electronics system for a balloon borne experiment identifying nuclear charge of primary cosmic ray. 23 p4009 A67-41479

TSURPAL, I. A.

Investigation of a stressed state around curvilinear holes in shells with a nonlinear law of elasticity /Issledovanie napriazhennogo sostoyaniya okolo krivolinnykh otverstiy v obolochkakh pri nelineinom zakone uprugosti/. 01 p0158 A67-10218

Physically nonlinear problems for a plate weakened by two circular holes /Fizichno-nelineinyye zadachi dlya plastinki, poslablennoi dvoma krugovimi otvorami/. 16 p2766 A67-31147

Concentration of thermal stresses in a physically nonlinear elastic plate with a hole in the presence of a uniform heat flux /Kontsentratsiya termopruzhen' u fizichno-nelineinoy pruzhnii plastinski z otvorom pri

- odnoridnomu teplopototsi/. 16 p2766 A67-31148
- TSURU, H.**
A new ferrite-diode device and its applications. 22 p3774 A67-40459
- TSURUTA, H.**
Observations of mesospheric ozone density in Japan. 19 p3217 A67-35203
- TSURUTA, S.**
Vibrating neutron stars. 22 p3882 A67-39619
- TSURUTA, T.**
Holographic generation of a contour map of a diffusely reflecting surface by using the immersion method. 16 p2670 A67-30612
- TSUTSUMI, K.**
A ground tilt isolation platform. 08 p1314 A67-20580
- TSVANG, L. R.**
Parameters of small-scale turbulence in the diabatic atmospheric surface layer /Kharakteristiki melkomasshtabnoi turbulentnosti v stratifitsirovannom pogranichnom sloe/. 05 p0837 A67-16487
Direct measurement of turbulent flows at two heights in the atmospheric ground layer. 11 p1815 A67-23954
Characteristics of very small-scale turbulence in a stratified boundary layer. 13 p2150 A67-26343
- TSVETAEV, A. A.**
Change in the shape of metals under the simultaneous effects of thermal cycling and an external load. 19 p3244 A67-34929
- TSVETKOV, I. U. V.**
Calculation of heating for condensed plasma jet particles /K raschetu nagreva kondensirovannykh chastits v plazmennoi strude/. 16 p2721 A67-31393
- TSVETKOV, O. S.**
Natural neutron background of the atmosphere and the earth's crust /Estestvennyi neitronnyi fon atmosfery izemnol kory/. 01 p0143 A67-10042
- TSVETKOV, T. S.**
Temperature effect of the cosmic-ray neutron component /Temperaturnyi effekt neitronnoi komponenty kosmicheskogo izlucheniya/. 17 p2936 A67-32381
- TSVETKOV, V. I.**
The variability index in evaluating the process quality in nonlinear systems. 20 p3409 A67-37200
- TSVETKOV, V. P.**
X-ray investigation of the potential and electron-density distribution in the silicon lattice /Issledovanie raspredeleniya potentsiala i elektronnoi plnostsi v reshetke kremniia po rentgenograficheskimi dannymi/. 18 p3094 A67-33439
- TSVETKOV, V. V.**
Self modulation of emission from an injection semiconductor laser. 06 p1009 A67-17756
Emission of a short single pulse by an injection semiconductor laser. 09 p1516 A67-22659
- TSVETKOVA, L. N.**
Structural imperfections in epitaxial silicon layers /Strukturnye nesovershenstva v epitaksl'nykh plenках kremniia/. 21 p3681 A67-38359
- TSVETNOV, V. V.**
Statistical properties of radar signals from extended surfaces in systems with internal coherence /Statisticheskie svoystva radiolokatsionnykh signalov ot protiazhennykh poverkhnostei v sistemakh s vnutrennei koherentnost'iu/. 07 p1139 A67-19223
- TSVINTARNYI, V. I. A.**
A method of determining the probability of tracking interruption in radio range finding devices /radar/. 21 p3585 A67-38815
- TSVIRKO, I. A.**
Recrystallization of thin semiconductor films under the action of laser radiation /Rekristallizatsiia tonkikh poluprovodnikovyykh plenok pod vozdeystviem izlucheniia lazera/. 03 p0498 A67-13839
Recrystallization of thin semiconductor films by exposure to laser radiation. 13 p2185 A67-27720
- TSYBAKOV, B. S.**
Development of information theory research. /Review of some works for the period of 1963-1966/. 14 p2269 A67-28456
- TSYGANIUK, A. I.**
Use of sixth-power polynomials in the calculation of a boundary layer with suction /Ispolzovanie polinomov shestoi stepeni dlia rascheta pogranichnogo sloia pri nalichii otsasyvaniia/. 05 p0749 A67-17184
- TSYGANOK, I. I.**
Generalization of Jackson's theorem /Obobshchenie teoremy Dzheksona/. 02 p0259 A67-11872
- TSYKALO, A. L.**
Calculation of the thermodynamic properties of hydrogen peroxide at temperatures from 273.15 to 2000 deg K, and pressures from 0 to 500 bar, taking into account thermal dissociation /K raschetu termodinamicheskikh svoystv perekisi vodoroda s ucheto termicheskoi dissotsiatsii pri temperaturakh 273,15-2000 deg K i davleniakh 0-500 bar/. 07 p1265 A67-19123
Calculation of thermodynamic properties of hydrogen peroxide with consideration of thermal dissociation at temperatures of 273.15-2000 deg K and pressures of 0-500 bars. 21 p3731 A67-38167
- TSYMBAL, V. P.**
A ring counter with a digital representation of readings /Kol'tsevoi schetchik s tsifrovoi indikatsiei/. 19 p3228 A67-34990
- TSYPIN, M. I.**
Oxidation mechanism of titanium alloys with up to 11 percent aluminum content /O mekhanizme oksleniia splavov titana, soderzhashchikh do 11 percent aluminila/. 05 p0829 A67-16492
Some features of the oxidation of titanium. 05 p0829 A67-16759
Mechanism of oxidation of alloys of titanium containing up to 11 percent aluminum. 17 p2875 A67-33175
- TSYPKIN, I. A. Z.**
Optimization, adaptation, and learning in automatic systems. 24 p4136 A67-42697
Synthesis of automatic systems optimum in the mean /O sinteze optimal'nykh v srednem avtomaticheskikh sistem/. 24 p4137 A67-42722
- TSYTOVICH, V. N.**
Oscillation spectrum of a weakly turbulent plasma. 02 p0274 A67-12455
Theory of excitation and propagation of electromagnetic waves in a weakly turbulent plasma /K teorii vzbuzhdeniia i rasprostraneniia elektromagnitnykh voln v slaboturbulentnoi plazme/. 02 p0278 A67-12627
Nonlinear wave interaction in a plasma situated in a strong external magnetic field /Nelineinoe vzaimodelstvie voln v plazme, nakhodiasheisia v sil'nom vneshnem magnitnom pole/. 04 p0667 A67-15206
The isotropization of cosmic rays. 04 p0693 A67-15554
Nonlinear effects in a plasma /Nelineinye efekty v plazme/. 05 p0849 A67-16013
Nonlinear instability of optical frequencies in a partially ionized plasma /Nelineinala neustoiichivost' opticheskikh chastot v chastichno ionizirovannoi plazme/. 05 p0852 A67-16691
Statistical acceleration of particles in a turbulent plasma. 08 p1358 A67-20861
Nonlinear generation of plasma waves by a beam of transverse waves. 09 p1545 A67-21995
- II.**
Excitation and propagation of electromagnetic waves in weakly turbulent plasma. 13 p2171 A67-27384
Non-linear instability of optical frequencies in partially ionized plasma. 15 p2530 A67-29862
Nonlinear wave interaction in a plasma in a strong magnetic field. 15 p2532 A67-30254
Theoretical aspects of the passage of a charged-particle beam through a plasma /K teorii prokhozheniia puchka zarizhennykh chastits cherez plazmu/. 16 p2716 A67-31176
Certain nonlinear effects in a collisionless plasma and possible perspectives of their application /O nekotorykh nelineinykh effektakh v besstolknovitel'noi plazme i vozmozhnykh perspektivakh ikh ispol'zovaniia/. 17 p2905 A67-32920
Statistical acceleration of particles in a plasma /Statisticheskoe uskorenie chastits v plazme/. 17 p2905 A67-32921
Acceleration of particles in the interaction of high-frequency fields with plasmas /Uskorenie chastits pri vzaimodelstvi vysokochastotnykh polei s plazmoi/. 17 p2905 A67-32922
Interaction of laser radiation with a plasma /O vzaimodelstvi s plazmoi izlucheniia opticheskikh kvantovykh generatorov/. 19 p3291 A67-35385
- Nonlinear effects in a plasma.** 20 p3502 A67-37590
Nonlinear theory of the transmission of electromagnetic-wave pulses through a plasma boundary /K nelineinnoi teorii prokhozheniia impul'sov elektromagnitnykh voln cherez granitsu plazmy/. 21 p3669 A67-38682
Nonlinear generation of plasma waves by a beam of transverse waves. 23 p4034 A67-41678
- TU, C.-C. L.**
Regulation of autotrophic and heterotrophic carbon dioxide fixation in Hydrogenomonas facilis. 20 p3370 A67-36797
- TUAN, H. S.**
Current in a scattering antenna embedded in a dissipative half space. 05 p0769 A67-16006
- TUBA, I. S.**
Elastic-plastic analysis of a flat plate with a circular rigid inclusion. 02 p0336 A67-11633
Elastic-plastic torsion of shafts with hyperbolic notches. 04 p0627 A67-14977
- TUBBS, L. D.**
Further studies of overlapping absorption bands. 19 p3266 A67-35696
- TUBIS, A.**
Effect of a Castillejo-Dalitz-Dyson pole in the pi-N I equals 1/2, J equals 1/2 super plus amplitude. 11 p1823 A67-24599
- TUCCI, V.**
Problems and difficulties in the selection of metallic materials for flights at Mach 3 /Problemi e difficolta nella scelta dei materiali metallici per il volo a Mach 3/. 23 p4019 A67-41045
- TUCHKE, V.**
Modified first boundary-value problem for elliptic nonself-adjoint partial differential equations /O vidoizmenennoi pervoi granichnoi zadache dlia nesamosopriazhennykh uravnenii s chastnymi proizvodnymi ellipticheskogo tipa/. 10 p1674 A67-23077
- TUCHKEVICH, V. M.**
Optical and magneto-optical effects in CdSnAs sub 2. 01 p0128 A67-10094
Preparation and certain properties of the semiconductor compound CdSnAs sub 2 /Poluchenie i nekotorye svoystva poluprovodnikovogo soedineniia CdSnAs sub 2/. 06 p1048 A67-17840
Investigation of the dependence of the Hall coefficient on the magnetic-field induction in p-type CdSnAs sub 2 /Issledovanie zavisimosti koeffitsienta Kholla ot induktcii magnitnogo polia v CdSnAs sub 2 p-tipa/. 15 p2543 A67-30253
Production of the semiconducting compound CdSnAs sub 2 and some of its properties. 17 p2922 A67-33218
- TUCHSCHER, J. S.**
Radiation heat transfer in nonisothermal nongray gases. [ASME PAPER 66-WA/HT-25] 20 p3555 A67-37607
- TUCK, B.**
Photoluminescence of GaAs sub 0.7 P sub 0.3. 07 p1232 A67-19635
- TUCKER, A. B.**
Directional neutron spectrometer. 12 p1945 A67-25859
- TUCKER, C. W., JR.**
Interaction of boron with tungsten single crystal substrates. 01 p0093 A67-10205
- TUCKER, G. J.**
Psychomotor adaption to flight. 17 p2806 A67-31964
Air sickness and anxiety. 21 p3575 A67-38086
Air sickness and anxiety. 23 p3963 A67-41544
- TUCKER, H. L., JR.**
The effect of lunar terrain uncertainties on Kalman filter performance during the lunar landing powered descent. [AIAA PAPER 67-543] 19 p3256 A67-35942
- TUCKER, J. W.**
Magnetic Q spoiling of cooled ruby. 02 p0253 A67-12505
- TUCKER, L. R.**
Meteorological rocket network probing of the stratosphere and lower mesosphere. 02 p0239 A67-12535
- TUCKER, R. H.**
Flow and filtration performance of wire cloth filter media. 20 p3365 A67-37364
- TUCKER, T. N.**
Growth of dislocation-free silicon web

- crystals. 01 p0131 A67-10367
- TUCKER, T. W.**
Structure, conductivity and Hall effect of electron bombardment evaporated silicon films on sapphire. 11 p1845 A67-24141
- TUCKER, W.**
Cosmic X-ray sources. 17 p2937 A67-32639
- TUCKERMAN, A. J.**
Development of self-sealant techniques for micrometeoroid protection of aerospace vehicles. 10 p1673 A67-23748
Selection and evaluation of organic dielectric materials for spacecraft. 15 p2508 A67-29556
- TUFFNELL, G. W.**
An investigation of the fatigue behavior of 18 percent nickel maraging steel. 06 p1014 A67-17800
- TUFTE, O. N.**
Electron mobility in semiconducting strontium titanate. 13 p2180 A67-27160
- TUKALEVSKAIA, N. I.**
Problem of the convergence of the collocation method /K voprosu o skhodimosti metoda kollokatsii/. 19 p3250 A67-36047
- TUKEY, J. W.**
An introduction to the calculations of numerical spectrum analysis. 20 p3476 A67-36784
- TUKHASHVILI, K. I.**
Some remarks on the measurement of radio-wave absorption in the ionosphere by the A sub 1 method /Nekotorye zamechania ob izmerenii pogloshcheniya radiovoln v ionosfere pri pomoshchi metoda A sub 1/. 20 p3378 A67-36124
- TULCHIL, V. I.**
Plate with a round hole reinforced by a multicomponent ring or an elastic gasket /Plastinka s krugovym otverstiem, podkreplennym mnogokomponentnym kol'tsom ili uprugoi nakladko/. 01 p0158 A67-10222
- TULINA, N. A.**
Superconducting properties of rhenium /Sverkhprovodlashchie svoystva renliya/. 14 p2375 A67-29069
- TULINOV, V. F.**
On the role of corpuscular radiation in the formation of the lower ionosphere /below 100 km/. 10 p1647 A67-23283
Role of corpuscular emission in the formation of the lower ionosphere /O roli korpuskularnogo izlucheniya v formirovani nizhnego ionosfery/. 13 p2194 A67-27329
- TULINOVA, Z. I.**
Comparison of experimental data concerning the development of extensive atmospheric showers in the upper part of the atmosphere with the results of calculations /Sopostavlenie eksperimental'nykh dannykh o razviti shirokikh atmosferykh livnel v verkhnei chasti atmosfery s rezul'tatami raschetov/. 02 p0316 A67-12764
Investigation of the reactions of nucleons with an energy of greater than 10 super 14 ev /Issledovanie vzaimodeistviya nuklonov s energiei bol'she priblizitel'no 10 super 14 ev/. 02 p0316 A67-12765
Comparison of experimental data on development of extensive air showers in the upper atmosphere with the results of calculations. 22 p3876 A67-40266
Investigation of the interaction of greater than 10 super 14 ev nucleons. 22 p3876 A67-40267
- TULL, E. H.**
Rocket studies of isolated ionospheric irregularities. 22 p3760 A67-39627
- TULL, R. G.**
The reflectivity spectrum of Mars in the near-infrared. 02 p0319 A67-11454
- TULLY, N.**
Damping in externally pressurized gas bearing journals. 04 p0627 A67-14432
Rotor unbalance in gas lubricated bearings. 09 p1509 A67-22613
- TULUPOV, V. I.**
Measurements of lunar radiation fluxes in the infrared and visible spectral regions by the Luna 10 orbiter /Izmereniya potokov izlucheniya luny v infrakrasnoi i vidimoi oblastiakh spektra na sputnike "Luna-10"/. 05 p0886 A67-16052
The spectrum of the earth's heat radiation according to the observation from the Cosmos 45, Cosmos 65 and Cosmos 92 satellites. 10 p1637 A67-23194
Statistical characteristics of the earth's radiation into space at wavelengths ranging from 7 to 26 mu /Statisticheskie kharakteristiki izlucheniya zemli v kosmos v diapazone dlín voln 7-26 mk/. 16 p2668 A67-31887
The spectral composition of the infrared earth's radiation into the space according to the results of measurements from the artificial earth's satellites. 19 p3219 A67-35253
Measurement of radiation emission from the moon in the infrared and optical spectral regions by the satellite Luna-10. 21 p3701 A67-37839
- TUMA, D. T.**
Electron-cyclotron heating in a mirror machine. 11 p1828 A67-23895
- TUMAKAEV, G. K.**
Gas-density measurements in the wake of a shock wave by the electron-beam method /Izmerenie plotnosti gaza za udarnoi volnoi metodom elektronnoho puchka/. 16 p2673 A67-31107
Interferometric study of the state of xenon and mercury vapor in a shock tube /Interferometricheskoe issledovanie sostoiannya ksenona i parov rtuti v udarnoi trube/. 16 p2673 A67-31108
- TUMANOV, V. I.**
Thermal stability of tungsten carbide - Cobalt alloys /Termostoikost' splavov karbid vol'frama - Kobalt'/. 03 p0447 A67-13641
Thermal shock resistance of tungsten carbide-cobalt alloys. 17 p2875 A67-33174
- TUMAREV, A. S.**
Oxidation mechanism and kinetics of binary alloys of nickel with cobalt. 20 p3467 A67-37115
- TUMASHEV, G. G.**
A certain approximate method for solving problems of gas flow at subsonic velocities /Odin priblizhennyi metod resheniya zadach o techeniiakh gaza s dozvukovoi skorost'iu/. 20 p3356 A67-36442
- TUMM, G. W.**
The need for fast and economical interplanetary space-flight systems /Ueber die Notwendigkeit schneller und wirtschaftlicher interplanetarer Raumfahrtssysteme/. 13 p2211 A67-26577
- TUNALEY, J. K. E.**
Low frequency probe measurements in the ionosphere. 10 p1648 A67-23286
- TUNDO, I. P.**
Case of heavy-nuclei generation on the sun /Sluchai generatsii tiazhelykh lader na solntse/. 21 p3698 A67-38595
- TUNG, C.**
Motion and decay of a vortex ring. 16 p2860 A67-31212
- TUNG, C. C.**
The effects of runway roughness on the dynamic response of airplanes. 08 p1279 A67-20480
- TUNG, S. S. Y.**
Multiple correlation applications in design analysis. 05 p0777 A67-17249
- TUNITSKII, L. N.**
Interpretation of oscillation lines in Ar-Br sub 2 laser. 06 p1011 A67-18545
- TUNITSKII, N. N.**
Ion-molecular reactions of hydrogen with inert gases /Iono-molekuliarnye reaktsii vodoroda s blagorodnymi gazami/. 17 p2808 A67-32141
Excited particles and their role in the elementary processes of radiation chemistry and plasma chemistry /Vozbuzhdennye chastitsy i ikh rol' v elementarnykh protsessakh radiatsionnoi khimii i khimii plazmy/. 17 p2809 A67-32142
- TUOMINEN, I. V.**
On the variability of magnetic stars and the solar model. 19 p3328 A67-35933
- TUOMINEN, J.**
On the migration of magnetic fields on the sun. 06 p1089 A67-18708
On the amplification of magnetic fields within sunspot groups. 13 p2202 A67-27419
On the variability of magnetic stars and the solar model. 19 p3328 A67-35933
- TUOMY, J. M.**
Food quality design for Gemini and Apollo space programs. 05 p0757 A67-17261
- TUONG, N. D.**
Nuclear matrix elements for forbidden beta decay of spheroidal-shaped nuclei. 20 p3488 A67-36662
- TURAIDS, T.**
Absorptional atelectasis breathing oxygen at simulated altitude - Prevention using inert gas. 09 p1453 A67-21732
Retinal vascular response to oxygen at increased partial pressures. 17 p2805 A67-31961
- TURAN, P.**
On some problems in the theory of the mechanical quadrature. 13 p2148 A67-27469
- TURCHAK, L. I.**
Supersonic air flow past a sphere, taking oscillatory relaxation into account /Obtekanie sfery sverkhzvukovym potokom vozdukh s ucheto kolebatel'noi relaksatsii/. 03 p0349 A67-12863
- TURCHANIN, A. G.**
Enthalpy and heat capacity of niobium carbide in the homogeneity domain in the temperature range from 1300 to 2500 deg K /Ental'pia i teploemkost' karbida niobia v oblasti gomogennosti v intervalle temperatur 1300-2500 deg K/. 24 p4171 A67-41958
- TURCHIN, N. M.**
Electrical conductivity measurements in a mixture of liquefied and vaporized potassium /Izmerenie elektroprovodnosti parozhdkostnoi smesi kal'ia/. 16 p2712 A67-30575
Liquid metal injection in MHD converters /Nagnetanie zhidkikh metallov dlia MGD preobrazovatelei/. 16 p2606 A67-30587
- TURCOTTE, D. L.**
Low temperature surface emission in seeded combustion products. 19 p3345 A67-35079
A boundary-layer theory for cellular convection. 20 p3553 A67-36937
- TURIK, A. V.**
Contribution to the theory of the dielectric constant of ferroelectric ceramics. 03 p0498 A67-13705
Permittivity of barium titanate single crystals with a stratified domain structure /O dielektricheskoi pronitsaemosti monokristallov titanata baria so sloistoi domennoi strukturoi/. 04 p0678 A67-15131
Dielectric permittivity of BaTiO sub 3 single crystals with a laminar domain structure. 12 p1978 A67-25155
- TURK, R.**
Tungsten ionizers with controlled porosity for cesium-ion engines. 01 p0140 A67-10703
- TURKELTAUB, R. M.**
Some problems in analyzing the accuracy of radio and electronic equipment circuits. 04 p0586 A67-15671
- TURKEVICH, A.**
Instrument for lunar surface chemical analysis. 05 p0805 A67-16463
- TURKEVICH, A. L.**
Chemical analysis experiment for the Surveyor lunar mission. 08 p1411 A67-20946
- TURKOV, I. U. G.**
Toward design of a laser with passive shutter. 03 p0438 A67-13962
The use of quasi-classical and balance equations for the design of steady-state lasers. 07 p1197 A67-20245
Production of Fourier holograms with the aid of a pulsed ruby laser. 12 p1939 A67-25335
- TURKOV, J. G.**
The utilization of semiclassical and rate equations for design of steady-state lasers. 05 p0815 A67-16628
- TURN, R.**
Some aspects of man-computer communication in active monitoring of automated checkout. 20 p3446 A67-36589
- TURNELL, R. C.**
A study of the energy distribution and nucleation of evaporated gold using a velocity selector. 23 p4009 A67-41015
- TURNER, B. A.**
Wave radiation Doppler effect correction for motion of a source, observer and the surrounding medium. 20 p3486 A67-37005
- TURNER, B. E.**
Einstein A coefficient for the delta doublet transitions of the ground state of OH. 01 p0114 A67-10896
- TURNER, B. R.**
The production of NO sub 2 super minus by electron transfer from O super minus, O sub 2 super minus, O sub 3 super minus, and OH super minus to NO sub 2. 20 p3377 A67-37404
- TURNER, D. H.**
A highly stable electronic integrator for solar radiation measurements. 05 p0808 A67-17310
- TURNER, D. P. W.**
Experimental study of performance

- characteristics in a zero potential energy manual task. 21 p3577 A67-38074
- TURNER, D. R.**
Developments toward an improved sealed Ni-Cd battery. 09 p1445 A67-22177
- TURNER, G. F.**
Flight experience with large-area solar array systems. 24 p4105 A67-42518
- TURNER, J. A.**
Gallium arsenide field effect transistors. 10 p1617 A67-23539
- TURNER, J. T.**
The decay of turbulent velocity profiles. 12 p1927 A67-25351
The influence of velocity profile characteristics on the drag of short circular struts spanning two-dimensional channels. 20 p3359 A67-37486
- TURNER, M. J.**
Design of minimum mass structures with specified natural frequencies. 08 p1417 A67-20554
- TURNER, R. C.**
Review of fossil-fuel-fired thermionic energy converters. 09 p1448 A67-22341
- TURNER, R. E.**
Radiosonde data system. 13 p2069 A67-27019
- TURNER, W. N.**
A high-temperature polyimide reinforced with silica fibre. 11 p1811 A67-24641
- TURRIN, R. H.**
Dual mode small-aperture antennas. 11 p1763 A67-24295
- TURSUOV, A. T.**
Investigation of the radiation spectrum of a neodymium glass laser by the moving active body method /Issledovanie spektra izlucheniia lazera na stekle s neodimom metodom dvizhushchegosia aktivnogo tela/. 19 p3238 A67-34895
- TURTLE, J. P.**
Kinetic temperature measurements of the 5577 angstrom units /OI/ line of the night airglow. 18 p3037 A67-33609
- TURUBAROV, V. I.**
Calculation of the hydrodynamic process of drawing together aerosol particles in a sonic field in a Stokes flow regime /Raschet gidrodinamicheskogo sblizheniia aerosol'nykh chastits v zvukovom pole v Stoksovskom rezhime obtekanii/. 10 p1627 A67-23643
Analysis of the hydrodynamic aggregation of aerosol particles in a sound field under Stokes flow conditions. 18 p3029 A67-34412
- TURUKHANO, B. G.**
Reconstruction of the images of transparent and refracting objects using phase holograms. 08 p1331 A67-20842
Holography with a straight reference beam /Golografiia s priamym opornym puchkom/. 15 p2486 A67-29237
Holographing media with slight variations of the refractive index /Golografirovanie sred s malymi izmeneniami pokazatelya prelomleniia/. 15 p2488 A67-29725
Phase holograms of tracks in bubble and emulsion chambers and the possibility of processing these holograms /Fazovye gologrammy trekov v puzyr'kovykh i emul'sionnykh kamerakh i vozmozhnosti ikh obrabotki/. 18 p3049 A67-34387
- TURVER, K. E.**
The momenta of muons in extensive air showers. 06 p1076 A67-17651
- TUSHKOV, B. P.**
UHF properties of thin magnetic films /Sverkhvysokochastotnye svoistva tonkikh magnitnykh plenok/. 12 p1981 A67-25240
- TUSNADY, G.**
The principle of conservation of entropy in a noiseless channel. 14 p2292 A67-28935
- TUSNOV, I. I.**
Waveguide technique for measuring the electrical characteristics of a plasma produced behind the shock wave front /Volnovodnyi metod izmereniia elektricheskikh kharakteristik plazmy, poluchaemol za frontom udarnol volny/. 07 p1227 A67-19118
Microwave measurements of the electron density and effective collision frequency in argon ionized by a shock wave /Mikrovolnovoe izmerenie plotnosti elektronov i effektivnoi chastoty soudarenii v argone, ionizirovannom udarnol volnol/. 11 p1775 A67-24017
Electrophysical properties of argon ionized by a shock wave in a constant magnetic field /Elektrofizicheskie svoistva argona, ionizirovannogo udarnol volnol, v
- postolannom magnitnom pole/. 18 p3087 A67-34045
Waveguide method of measuring the electrical characteristics of the plasma created behind the front of a shock wave. 21 p3664 A67-38163
- TUSUPOV, M. T.**
Second basic problem for an elastic plane with a doubly periodic system of identical holes /O vtoroi osnovnoi zadache dlia uprugoi ploskosti s dvolakoperiodicheskoi sistemol odinakovykh otverstii/. 18 p3145 A67-34601
- TUTER, M.**
Diffraction of electromagnetic waves on plasma cylinders. 12 p1969 A67-25246
- TUTTLE, E. R.**
Quasiparticle-ensemble theory for a normal Fermi liquid. 07 p1224 A67-19504
- TUTTLE, S. B.**
Mechanisms for Engineering Design. 20 p3454 A67-36766
- TUZAKI, T.**
Current saturation in the evaporated GaAs films. 20 p3505 A67-36177
- TUZAR, A.**
Remarks concerning the optimization of the numerical solution for boundary-value problems of ordinary differential equations /Bemerkung zur Optimierung der numerischen Lösung fuer die Randwertaufgaben der gewöhnlichen Differentialgleichungen/. 16 p2698 A67-31546
- TUZUNALP, O.**
Considerations on the dynamic behavior of pressure transducers by means of direct experimental measurements of the plan-phase diagrams to one-displacement-step response /Considerazioni sul comportamento dinamico dei trasduttori di pressione mediante i rilievi sperimentali diretti dei diagrammi piano-fase alla risposta ad un gradino di spostamento/. 08 p1312 A67-20768
- TVASISHEN, S. D.**
Solvability of the Cauchy problem and some boundary-value problems of general parabolic systems in a class of increasing functions /Pro rozv'iaznist' zadachi Koshi ta delakikh kralovikh zadach dlia zagal'nikh parabolichnikh sistem u klasi zrostaluchikh funktsii/. 14 p2344 A67-28894
- TVERSKOI, B. A.**
Effect of corpuscular radiation on the near-earth cloud /O vliianii korpuskuliarnoi radiatsii na okolozemnoe oblako/. 06 p1078 A67-18162
Theory of hydrodynamic self-excitation of regular magnetic fields. 07 p1229 A67-19684
Transport coefficients of trapped particles in the geomagnetic field. 12 p1994 A67-25541
Stability of the earth's radiation belts /Ustoichivost' radiatsionnykh polasov zemli/. 14 p2378 A67-27916
The influence of corpuscular radiation on the circumterrestrial cloud. 16 p2737 A67-30506
- TVETEN, L. H.**
Large traveling-ionospheric-disturbances observed at midlatitudes utilizing the high resolution H.F. backscatter technique. 20 p3425 A67-36280
- TVOROGOV, S. D.**
Remarks on models of absorption spectra /Nekotorye zamechania o modelakh spektrov pogloshcheniia/. 01 p0109 A67-11043
- TWEEDIE, A. T.**
Final sealing and encapsulation. 19 p3236 A67-35024
- TWEEDY, J. R.**
Effects of reinforcement intervals in paired-associate learning. 21 p3576 A67-39100
- TWERDOCHLIB, M.**
The hyperfine splitting of the interaction energy of two hydrogen atoms. 21 p3658 A67-37814
- TWERSKY, V.**
Progress in radio waves and transmission of information. 06 p0962 A67-18071
Scattering by random distribution of spheres vs. concentration. 09 p1461 A67-21597
Comparison of distribution functions from scattering data on different sets of spheres. 09 p1461 A67-21598
Multiple scattering of electromagnetic waves by arbitrary configurations. 15 p2435 A67-29197
- TWIGGS, R. J.**
Improvement of traveling-wave tube efficiency through period tapering. 09 p1476 A67-22211
- TWISS, R. Q.**
Two-beam interferometric spectroscopy. 19 p3232 A67-35872
- TWISS, S. B.**
Adhesives of the future. 09 p1523 A67-22529
- TWITZ, G. J.**
Factors influencing the recovery of viable micro-organisms from surfaces. 10 p1601 A67-23348
- TWOMEY, W. J.**
Using a partial diaphragm when applying the supersonic Mach box method. 06 p0944 A67-18875
- TYAGI, T. R.**
Some results of electron content measurements at Delhi from Faraday fading of S-86 transmissions. [RASSA PAPER 1-10-124] 03 p0416 A67-14235
- TYAGI, V. P.**
A general non-circular duct convective heat-transfer problem for liquids and gases. 06 p1116 A67-18384
- TYCHINSKII, V. P.**
Powerful gas lasers /Moshchnye gazovye lazery/. 13 p2125 A67-26388
- TYKVENKO, R. N.**
Thin-film photoelectric converters /Plenochnye fotoelektricheskie preobrazovateli/. 04 p0553 A67-14664
- TYLER, B. J.**
Numerical calculations of the critical conditions in thermal explosion theory with reactant consumption. 18 p3156 A67-33850
Experimental investigations of conductive and convective heat transfer in relation to thermal ignitions. 18 p3156 A67-33852
- TYLER, G. L.**
Bistatic-radar detection of lunar scattering centers with Lunar Orbiter I. 17 p2817 A67-33364
- TYLER, J. C.**
Compressive and tensile properties of molybdenum disulfide compacts. 16 p2695 A67-31753
- TYLER, J. N.**
A three-cavity refractometer and associated telemetry equipment. 01 p0025 A67-10816
- TYLER, S. R.**
Applications of the vapour core pump to aero engine fuel systems. 01 p0014 A67-11267
- TYRAS, G.**
Further experimental study of plasma sheath effects on antennas. 05 p0769 A67-16000
Field of an axially slotted circular cylinder clad with an inhomogeneous dielectric. 11 p1761 A67-24280
- TYSLIATSKII, G. S.**
Sequential detection in the presence of many independent reception channels with noise. 05 p0765 A67-16953
- TYSON, H. N., JR.**
The IBM Electronic Circuit Analysis Program /ECAP/. 01 p0031 A67-11336
- TYSON, W. R.**
Theoretical strength of perfect crystals. 03 p0495 A67-13532
The theoretical strengths of crystals and the tip of a crack. 11 p1880 A67-25090
- TYTE, D. C.**
Franck-Condon factors and r centroids for band systems of ZrO. 16 p2704 A67-31173
- TYVES, L. I.**
Quasi-elastic characteristic of a vibrating impact system /Kvaziuprugala kharakteristika vibroudarnol sistemy/. 03 p0432 A67-14162
- TZOAR, N.**
Parametric coupling between electron-plasma and ion-acoustic oscillations. 01 p0125 A67-10913
Kinetic equation for drifted electron plasma. 23 p4033 A67-40962
- TZOURAS, G.**
Microscopic theory of tunneling anomalies. 21 p3682 A67-38385
- UBEROI, C.**
Harmonic and anharmonic oscillations of a cylindrical plasma in the presence of a steady axial current. 03 p0482 A67-13741
Small amplitude hydromagnetic waves in compressible medium with Hall current. 03 p0482 A67-13742
Two-stream instability in

plasma. 23 p4034 A67-41450

UBEROI, M. S.
Effect of magnetic gradient on development of wakes. 02 p0179 A67-12356
Effect of grid geometry on turbulence decay. 18 p3030 A67-34740

UCHIDA, I.
Photoconductivity of pure cadmium sulfide single crystal near the band edge. 14 p2364 A67-28229
Two-step saturation of pulsed current in CdS single crystals. 14 p2365 A67-28238
The second current saturation of non-Ohmic behavior in CdS single crystals. 14 p2365 A67-28239

UCHIDA, M.
Various properties of the plasma jet in the magnetic field at low pressure. 18 p3084 A67-33647

UCHIDA, S.
An analysis of turbulent boundary layer along a flat plate. 08 p1319 A67-20405
An analytical study of a favourable velocity distribution for a low drag aerofol. 08 p1275 A67-20407
An analysis of turbulent flow in a two-dimensional channel. 22 p3782 A67-39409

UCHIDA, T.
A high resolution echelle monochromator and its application to ion temperature measurement of He plasma. 04 p0663 A67-14767
Dynamic behavior of gas lasers. 09 p1515 A67-22431
Self locking of gas lasers. 09 p1516 A67-22432
Development of a laser communication system. I. 13 p2068 A67-26724

UCHIDA, Y.
Resonant responses of the solar atmosphere to the gravitational-hydrodynamic waves. 08 p1399 A67-21236

UCHIKURA, K.
On the scattering propagation caused by the field aligned irregularities. 01 p0021 A67-10334
On the scattering propagation caused by the field aligned irregularities. 07 p1143 A67-19675
Further experimental study of scattering propagation caused by the field aligned irregularities on VHF bands. 24 p4120 A67-42150

UCHINO, T.
Star system. II. 13 p2067 A67-26718

UCHINOKURA, K.
Excitation and relaxation of ionized impurity pairs in silicon. 06 p1068 A67-18970

UCHIYAMA, Y.
Wear of polytetrafluoroethylene - Fundamental behavior. 23 p4009 A67-41062

UDALTSOV, V. A.
Radio spectrometer for polarization measurements in the meter-wave range /Radiospektrometr dlia polarizatsionnykh izmerenii v diapazone metrovykh voln/. 08 p1306 A67-21350
A radio spectrometer for polarization measurements at meter wavelengths. 17 p2822 A67-31946
Measurement of the polarization of the total radio emission flux from the Crab Nebula at wavelengths of 3.3 and 1.6 cm /Izmerenie polarizatsii potoka radioizlucheniia Krabovidnoi Tumannosti na volnakh 3,3 i 1,6 cm/. 20 p3529 A67-37516
Improvement of the reliability of radio meters - An automatic amplification control system for transistorized radio-astronomy receivers /O povyshenii nadezhnosti radiometrov - Sistema avtomaticheskogo regulirovaniia usileniia v radioastronomicheskikh priemnikakh na tranzistorakh/. 20 p3403 A67-37517
Modification of the interference method for polarization measurements of linearly polarized radiation /Modifikatsiia interferentsionnogo metoda dlia polarizatsionnykh izmerenii lineino polarizovannogo izlucheniia/. 20 p3403 A67-37518

UDARTSEV, E. P.
Possible laminarization of electrohydrodynamic flows /O vozmozhnosti laminizatsii elektrogidrodinamicheskikh techenii/. 17 p2839 A67-32907

UDOD, A. A.
Nanosecond-pulse ion source /Nanosekundnyi impul'snyi istochnik ionov/. 03 p0425 A67-14262
A nanosecond pulsed ion

source. 14 p2321 A67-28774

UDRIS, I. A.
Some properties of a high-voltage hollow-anode glow discharge. 06 p0968 A67-18093

UEBERSFELD, J.
Observation of the Endor double resonance in a cane-sugar carbon /Observation de la double resonance Endor dans un charbon de saccharose/. 20 p3508 A67-36398

UEDA, F.
Medium power millimeter wave klystron - Laddertron. 14 p2278 A67-27800

UEDA, I.
Mechanism of aging in polycrystalline BaTiO sub 3. 14 p2364 A67-28228

UEDA, T.
Studies on the thermal fatigue under conditions of transient temperature gradient in cross-section. 18 p3140 A67-33651

UEDA, Y.
Observation of stimulated Raman emission and stimulated Rayleigh-wing scattering from self-trapped filaments of a laser beam. 16 p2684 A67-30607

UEGAKI, T.
Theory of segmented lasers. 12 p1953 A67-26221

UEKI, A.
Self locking of gas lasers. 09 p1516 A67-22432

UENAKA, Y.
An experimental investigation of several ablation materials in a plasma jet wind tunnel. 20 p3544 A67-36640

UENG, C. E. S.
On bending of orthotropic sandwich plates. 04 p0709 A67-14844
Determination of natural frequencies of vibration of a sandwich plate. [SESA PAPER 1175] 18 p3143 A67-33901

UENO, S.
A computational approach to Chandrasekhar's planetary problem. 03 p0462 A67-13903
Numerical results for the estimation of source distributions from external radiation-field measurements. 23 p4082 A67-40993

UENO, Y.
Star system. III. 13 p2068 A67-26719
Microwave communication system using PCM. 22 p3763 A67-40460

UENOHARA, M.
Recent results with epitaxial GaAs Gunn effect oscillators. 01 p0033 A67-10026
Current status of bulk GaAs oscillators and amplifiers. 02 p0218 A67-12099
Characteristics of epitaxial gallium arsenide Gunn oscillators. 10 p1615 A67-23530
Low noise parametric amplifiers. 14 p2286 A67-28465

UESUGI, A.
Photon escape probability. 24 p4191 A67-42596

UFIMTSEV, V. G.
Physicochemical characteristics of the behavior of impurities in gallium and indium arsenides /Fizikokhimicheskie osobennosti povedeniia primesel v arsenidakh galliia i indii/. 18 p3102 A67-34289

UFLIAND, I. A. S.
Dirichlet problem of a toroidal segment /Zadacha Dirikhle dlia toroidal'nogo segmenta/. 10 p1675 A67-23669
On a class of dual integral equations and their applications to the theory of elasticity. 11 p1812 A67-24151
Dirichlet problem for a toroidal segment. 21 p3652 A67-38270

UGAI, I. A. A.
Preparation of single crystals of semiconducting phases in the Zn-Sb system. 14 p2372 A67-28826
X-ray spectral study of the nature of the chemical bonds in certain semiconductor compounds of type A super III B super V /Rentgenospektral'noe issledovanie kharaktera khimicheskoi svyazi v nekotorykh poluprovodnikovykh soedineniiakh tipa A super III B super V/. 18 p3095 A67-33443

UGLOV, A. A.
Heating of a two-layer plate in laser-beam welding. 05 p0814 A67-17548
Allowance for the effect of a nonideal contact during laser welding of different materials /K uchetu vliianiia neideal'nosti kontakta pri svarke lazerom raznorodnykh materialov/. 18 p3053 A67-33630

UGLOV, A. E.
Some reactions of the cardiovascular and respiratory systems of cosmonauts during

the Voskhod-2 orbital flight /Nekotorye reaktsii serdechno-sosudistoi i dykhatel'noi sistem kosmonavtov v orbital'nom polete na kosmicheskom korable "Voskhod-2"/. 09 p1454 A67-22384
Some results of medical supervision of the state of the cosmonauts P. I. Belyaev and A. A. Leonov during training and orbital flight. 11 p1748 A67-24080
Certain features of the physiological reactions of pilots during a simulated stay outside a spacecraft /Nekotorye osobennosti fiziologicheskikh reaktsii pilotov pri imitatsii vykhoda iz kosmicheskogo korabla/. 24 p4113 A67-42054

UGLOW, K. M.
Multiplex telemetry modulation and demodulation methods. 14 p2271 A67-28682

UGODCHIKOV, A. G.
Method for solving the two-dimensional problem of thermoelasticity /Ob odnom metode resheniia ploskoi zadachi termoprugosti/. 11 p1879 A67-24885

UGOLNIKOVA, T. A.
Deposition of an Nb sub 3 Sn layer on a wire from the gas phase /Poluchenie sloia Nb sub 3 Sn na provoloke osazhdeniem iz gazovoi fazy/. 03 p0500 A67-14065
Producing a layer of Nb sub 3 Sn on a wire by deposition from the gas phase. 13 p2185 A67-27721

UGORETZ, K. J.
An economic and technical analysis of a partially reusable space vehicle system. 15 p2569 A67-29851

UHLENBUSCH, J.
Transport property determination from arc plasmas. 19 p3280 A67-35144

UHLIR, A. JR.
Characteristics of a varactor bridge doubler. 02 p0218 A67-12100

UHLITZSCH, R.
Communications via Early Bird /Nachrichtenuebertragung ueber Early Bird/. 01 p0023 A67-10453

UHLMANN, M.
Considerations of isotropic and pseudoisotropic electromagnetic radiation sources /Betrachtungen ueber isotope und pseudo-isotope elektromagnetische Strahlungsquellen/. 16 p2761 A67-30793
HF telemetering and command transmission in Project 621 - High-altitude research rocket /HF-Telemetrie-und -Kommandouebertragung beim Projekt 621 - Hoehenforschungsrakete/. 19 p3193 A67-35061

UJIE, H.
A consideration of the phase center of aperture antennas. 16 p2639 A67-31357

UKHANOV, I. U. I.
Optical and magneto-optical effects in CdSnAs sub 2. 01 p0128 A67-10094
Magneto-optical study of the InSb conduction band. 01 p0128 A67-10095
IR reflection spectra in indium arsenide crystals /Spektry infrakrasnogo otrazheniia v kristallakh arsenida indii/. 19 p3306 A67-35705

UKHANOVA, L. N.
Regularities in the expansion of turbulent jet flow with zero excess impulse /Zakonomenosti rasprostraneniia turbulentnogo struynogo techeniia s nulevym izbytochnym impul'som/. 06 p0982 A67-17742

UKHOVSKII, M. R.
Axisymmetric problem with initial data for the equations of motion of an ideal incompressible fluid /Ob osesimmetrichnoi zadache s nachal'nymi dannymi dlia uravnenii dvizheniia ideal'noi neszhimaemoi zhidkosti/. 18 p3027 A67-34201

UKRAINETZ, P. R.
Measuring coefficients of friction in servovalves. 16 p2610 A67-31915

ULA, N.
Self-adjusting controllers for linear systems with correlated disturbances. 10 p1618 A67-22732

ULANOV, G. M.
Estimating the parameters of stationary controlled plants in an identification problem /Otsenka parametrov statsionarnykh upravlaemykh ob'ektov v zadache identifikatsii/. 05 p0782 A67-16319
Evaluation of parameters in the identification problem of stationary control systems. 18 p3017 A67-33870
The criterion of optimization for low-thrust power-limited engines and the method of their identification. 22 p3898 A67-39181

- ULASHCHIK, V. E.**
Heat-flux sensor /Indikator teplovogo potoka/. 22 p3801 A67-40217
- ULBER, M.**
Experimental study of a liquid-metal, self-excited MHD induction generator. 12 p1897 A67-25378
- ULBRICH, C. W.**
Superconducting-and normal-state thermal conductivity of impure tin. 10 p1687 A67-22761
Energy gap and thermal conductivity of pure and impure superconducting tin. 10 p1687 A67-22762
- ULBRICH, R. H.**
Modified hot-wire type thermal conductivity cell. 17 p2863 A67-33357
- ULBRICHT, G.**
Limitation of radio position-finding with increased spacecraft distances /Leistungsgrenzen der Funkortung bei zunehmender Entfernung der Raumflugkoerper/. 11 p1817 A67-24707
- ULIANA, E. A.**
Lunar radius from radar measurements. 19 p3319 A67-35263
- ULIANIN, I. U. N.**
Long-term cultivation of *Chlorella* with direct recovery of the medium /Dlitel'noe kul'tivirovanie Khlorelly s prilyamym vozvratom sredy/. 24 p4114 A67-41846
- ULIANOV, K. N.**
Relaxation processes in a nonequilibrium plasma /Relaksatsionnye protsessy v neravnovesnoi plazme/. 09 p1543 A67-21823
Arc in a gas flowing through a magnetic field /Duga v potoke gaza pri nalichii magnitnogo polia/. 09 p1543 A67-21824
Electric arc in ionized and nonionized gas flows /Elektricheskaya duga v potoke ionizovannogo i neionizovannogo gaza/. 16 p2712 A67-30547
The electron velocity distribution in a nonequilibrium plasma. 16 p2723 A67-31768
- ULIANOV, R. A.**
Specific features of the plastic deformation in titanium at low temperatures /Osobennosti plasticheskoi deformatsii titana pri nizkikh temperaturakh/. 04 p0636 A67-14752
Stability of the austenite in some Fe-Cr-Ni alloys under low-temperature strain /Stabil'nost' austenita v nekotorykh Fe-Cr-Ni-splavakh pri nizkotemperaturnoi deformatsii/. 04 p0636 A67-14753
Modulus of elasticity of metals and titanium alloys /K voprosu o module uprugosti metallov i titanovykh splavov/. 07 p1206 A67-19279
Effect of alloying on the modulus of elasticity, strength, and plasticity of titanium in the temperature range from -196 to 800 deg /Vlianie legirovaniia na modul' uprugosti, prochnost' i plastichnost' titana v intervale temperatur ot -196 do 800 deg/. 07 p1206 A67-19280
The mechanical properties of welded compositions of some aluminum alloys at low temperatures /Mekhanicheskie svoystva svarykh soedinenii nekotorykh aluminievyykh splavov pri nizkikh temperaturakh/. 17 p2873 A67-32769
Characteristics of plastic deformation of titanium at low temperatures. 18 p3066 A67-34410
Stability of austenite in some Fe-Cr-Ni alloys in deformation at low temperatures. 18 p3066 A67-34411
The influence of certain alloying elements on the durability and plasticity of titanium in temperature range from -196 to 800 deg C /Vlianie nekotorykh legirulushchikh elementov na prochnost' i plastichnost' titana v intervale temperatur ot -196 do 800 deg C/. 20 p3468 A67-37175
Low-temperature mechanical properties of certain deformable aluminum alloys /Mekhanicheskie svoystva nekotorykh aluminievyykh deformiruemyykh splavov pri nizkikh temperaturakh/. 24 p4170 A67-41923
- ULINICH, F. R.**
Magnetohydrodynamics of flows in MHD ducts /Magnitnaya gidrodinamika potokov v MGD kanalakh/. 09 p1541 A67-21797
Hydrodynamics of flows of two-component mixtures in nozzles /Gidrodinamika techenii dvukhkompontentnykh smesel v soplakh/. 16 p2656 A67-30574
- ULITKO, A. F.**
The method of vector eigenfunctions in three-dimensional problems of the theory of elasticity /Metod vektornykh sobstvennykh funktsii v prostranstvennykh zadachakh teorii uprugosti/. 24 p4248 A67-42101
- ULKE, H.**
Effect of gyroscopic moments of engines on the coupling of the longitudinal and transverse motions of an aircraft /Ueber den Einfluss der Kreismomente von Triebwerken auf die Kopplung von Laengs- und Seitenbewegung eines Flugzeugs/. 06 p0944 A67-17624
- ULLALAND, S. L.**
Observations of large-scale coherent pulsating electron precipitation events in the auroral zone, accompanied by geomagnetic continuous pulsations. [AFOSR-87-1314] 12 p1931 A67-25112
- ULLMAIER, H. A.**
AC measurements on hard superconductors. 03 p0487 A67-12809
The current carrying capacity of a hard superconducting wire in zero external field. 03 p0488 A67-12815
- ULLMANN, J. R.**
Associating parts of patterns. 06 p0965 A67-18057
- ULLMANN, O.**
Temperature control in the ESRO I European research satellite /Temperaturkontrolle beim Europaeschen Forschungssatelliten ESRO I/. 13 p2222 A67-26582
- ULLSCHMIED, J.**
The buildup of a beam-generated plasma in a mirror machine. 14 p2352 A67-27749
- ULLYATT, C.**
Secondary radar in the era of auto-tracking. 09 p1466 A67-22657
- ULM, S.**
Solving boundary-value problems arising from the maximum principle /O reshenii kraevykh zadach, vytekaiushchikh iz printsipa maksimuma/. 18 p3071 A67-33679
- ULMANIS, I. A.**
Comparison of different expressions of the attenuation factors in plane induction MHD machines /O sravnenii razlichnykh vyrazhenii koefitsientov oslablenia v ploskikh induktivnykh MGD-mashinakh/. 01 p0012 A67-10191
- ULMER, E. A.**
Theory of the small-signal photovoltage at semiconductor surfaces. 06 p1047 A67-17600
- ULMER, K.**
Mechanism of energy relaxation in electron beams. 04 p0623 A67-15324
Adhesion of metals /Metallkleben/. 07 p1193 A67-20291
- ULMER, W.**
Measurement of density and temperature of a plasma jet by means of an automatic recording Schlieren method. 19 p3231 A67-35595
- ULRICH, E. G.**
The evaluation of digital diagnostic programs through digital simulation. 20 p3392 A67-37456
- ULRICHS, J.**
Rotation and heating of the planet Mercury. 17 p2940 A67-32210
- ULVEDAL, F.**
Study of man during a prolonged exposure to oxygen at 258 mm. Hg total pressure - Supplemental biochemical monitoring. 23 p3960 A67-41703
- ULWICK, J. C.**
Direct measurements of the ionizing flux in different types of auroral forms. 10 p1650 A67-23306
Charge densities and temperatures measured in active auroras. 10 p1650 A67-23307
Rocket measurements of auroral parameters. 18 p3034 A67-33593
Rocket measurements of bremsstrahlung X-rays and related parameters during auroral absorption events. 19 p3312 A67-35188
- ULYBIN, S. A.**
Calculation of the temperature dependence of the viscosity and heat conduction of nonreactive rarefied gas mixtures /K raschetu temperaturnoi zavisimosti vlyazkosti i teploprovodnosti nereagirulushchikh razrezhennykh gazovykh smesel/. 24 p4142 A67-42220
- UMANSKII, E. S.**
Effect of tensile strain rate on the stability of soft reinforced plastics with a two-component base /O vlianii skorosti rastiazheniia na prochnost' miagkikh armirovannykh plastikov na dvukhkompontentnykh osnovakh/. 10 p1671 A67-23605
- UMANSKII, I. A. S.**
Study of the fine structure of the alloy VT15 after high-temperature thermomechanical treatment /Issledovanie tonkol struktury splava VT15 posle vysokotemperaturnoi termomekhanicheskoi obrabotki/. 10 p1670 A67-23641
Effect of deformation on transformations during annealing of a Ni-Mo alloy /Vlianie deformatsii na prevrashcheniia pri otzhige splava Ni-Mo/. 16 p2687 A67-30847
The anomalous change in the X-ray interference pattern on the ageing of nickel-beryllium alloys. 19 p3245 A67-35471
- UMANSKII, S. P.**
Equipment for aviators and cosmonauts /Snariazhenie letchika i kosmonavta/. 21 p3576 A67-37934
- UMAROV, G. I. A.**
Use of a flame discharge for producing semiconductor and refractory metals /Primenenie fakelnogo razriada dlia polucheniiia poluprovodnikovyykh i tugoplyavnykh materialov/. 21 p3681 A67-38358
- UMATHEY, R.**
Drift of an electrostatic gyroscope /Derive du gyroscope electrostatique/. 16 p2677 A67-31715
- UMENO, M.**
Effect of magnetic field on density distribution of injected plasma in semiconductor rods. 09 p1552 A67-21761
Propagation characteristics in the waveguide loaded with a cylindrical semiconductor rod. 12 p1918 A67-26222
Moving high-field domain and current saturation in optically excited n-InSb. 21 p3683 A67-38404
- UMEOKA, K.**
Field-induced photoelectron emission from silicon surface-barrier diodes. 23 p3980 A67-40890
- UMETSKII, V. N.**
The use of methods of control of the surface of optical telescopes for the adjustment of pencil-beam radio telescopes. 07 p1189 A67-20244
- UMNOV, N. V.**
Synthesis of a mechanical system with a variator from a given motion of one of its units /Sintez mekhanicheskoi sistemy s variatorom po zadannomu dvizheniiu odnogo iz zven'ev/. 17 p2885 A67-32967
- UMOTO, J.**
The numerical experiments on the alternating direction implicit method using interlacing scanning for elliptic partial differential equation. 19 p3250 A67-34868
- UNBEHAUEN, H.**
Estimation of the accuracy in the identification of control systems using deterministic test signals. 15 p2461 A67-30318
- UNDERWOOD, J. H.**
A glancing incidence solar telescope for the soft X-ray region. 10 p1712 A67-23804
Oscillator strengths for resonance lines of ions in the neon isoelectronic sequence. 12 p1968 A67-26247
- UNGAR, E. E.**
Statistical energy analysis of vibrating systems. [ASME PAPER 67-VIBR-8] 11 p1872 A67-24168
- UNGAR, E. W.**
A random intact reentry and earth burial study for radiolotope thermoelectric generators. 24 p4241 A67-42559
- UNGER, H.**
Studies of thermionic reactors as power supply systems for space vehicles /Forschungsarbeiten fuer Thermionikreaktoren als Energieversorgungsanlagen fuer Raumflugeraete/. 04 p0553 A67-14551
- UNGER, H. J.**
Spectroscopic measurements of combustion gas composition in supersonic flow. [AIAA PAPER 65-580] 12 p1990 A67-25899
- UNGER, H.-G.**
Partially filled waveguides and surface waveguides of rectangular cross section. 12 p1906 A67-25980
- UNGER, J. H. W.**
Random tropospheric angle errors in microwave observations of the Early Bird satellite. 04 p0574 A67-15074
- UNGER, K.**
Semiconductor laser modes /Moden in einem Halbleiterlaser/. 09 p1516 A67-22663

- UNGER, L.
Electric field measurements with an ejected probe. 19 p3217 A67-35199
- UNGERER, E.
Studies of continuously operating axisymmetric plasma engines with electromagnetic acceleration /Untersuchungen an kontinuierlich arbeitenden, achsensymmetrischen Plasmatriebwerken mit elektromagnetischer Beschleunigung/. 04 p0687 A67-14559
- Studies of continuously operating axisymmetric plasma engines with electromagnetic acceleration /Untersuchungen an kontinuierlich arbeitenden, achsensymmetrischen Plasmatriebwerken mit elektromagnetischer Beschleunigung/. 07 p1240 A67-19569
- UNGSTRUP, E.
Very low frequency emission associated with aurora and particle precipitation. 18 p3039 A67-33621
- UNGURIAN, S. G.
A certain variational problem of aircraft flight dynamics /Ob odnoi variatsionnoi zadache dinamiki poleta samoleta/. 20 p3361 A67-37377
- UNN, J. C.
On the classification of singular and nonsingular extremals for the Pontryagin maximum principle. 07 p1162 A67-20273
- UNNO, W.
Generation of acoustic noise in convection zones. 05 p0899 A67-17073
- UNO, T.
Diffusion of a weakly ionized helium plasma in a metal chamber immersed in a magnetic field. 14 p2358 A67-28293
- UNSOELD, A.
Stellar-abundance distribution and the formation of the chemical elements /Zur stellaren Haeufigkeitsverteilung und Entstehung der chemischen Elemente/. 17 p2946 A67-32694
- UNTERBERGER, R.
Motion simulators for testing attitude control. 22 p3778 A67-39165
- UNWIN, R. S.
The morphology of the V.H.F. radio aurora at sunspot maximum. I. 03 p0513 A67-14112
The morphology of the V.H.F. radio aurora at sunspot maximum. II. 03 p0513 A67-14113
- UNZ, H.
Radiation in a moving anisotropic plasma. 01 p0123 A67-10442
Direct integration of time-dependent Maxwell equations. 03 p0469 A67-13716
Normal incidence on semi-infinite longitudinally drifting magnetoplasma - The relativistic solution. 11 p1832 A67-24304
Asymptotic solution of oblique waves in inhomogeneous vertically magnetised plasma. 14 p2361 A67-28922
Asymptotic solution of waves in inhomogeneous plasma. 16 p2627 A67-31366
Wave propagation in a moving plasma. 17 p2812 A67-32304
Wave propagation in inhomogeneous gyrotropic warm plasmas. 18 p3088 A67-34071
Radiation from a sphere in compressible plasma. 18 p3090 A67-34382
Beam efficiency and gain optimization of antenna arrays with nonuniform spacings. 18 p3012 A67-34429
Oblique electromagnetic radiation incident on a semi-infinite warm general magnetoplasma. 20 p3499 A67-36944
Poynting vector in moving plasmas. 24 p4124 A67-42812
- UNZICKER, A. E.
Solar X-ray spectrum from 1.9 to 25 angstrom units. 17 p2937 A67-32650
- UOTSON, KH.
Parametric resonance in a plasma in a magnetic field. 03 p0475 A67-12931
- UPATNIEKS, J.
Holography with achromatic-fringe systems. 20 p3450 A67-37022
- UPHOFF, C.
An approximate method for predicting lunar satellite lifetimes and its application to a lunar orbit mission analysis. [AAS PAPER 66-130] 07 p1255 A67-19989
An approximate method for predicting lunar satellite lifetimes and its application to a lunar orbit mission analysis. [AAS PAPER 66-130] 13 p2209 A67-27541
- UPTON, B. E.
Gemini window contamination due to outgassing of silicones. 15 p2507 A67-29555

- UPTON, H. W.
Helicopter rotor blade radar antenna. 04 p0579 A67-14491
- URA, K.
Normal mode theory on initial loss in traveling-wave tube. 18 p3010 A67-33645
- URABE, M.
Galerkin's procedure for non-linear periodic systems and its extension to multi-point boundary value problems for general non-linear systems. 07 p1213 A67-19160
- URALTSEVA, N. N.
Certain properties of generalized solutions of second-order parabolic equations. 02 p0259 A67-11916
- URAMOTO, J.
Quiescent DC discharge in cusp fields of TP-D machine. 19 p3274 A67-35104
- URANOVA, L. A.
Vortices of cloud systems according to meteorological satellite data /Vikhri oblachnykh sistem po dannym meteorologicheskikh sputnikov/. 04 p0651 A67-15468
Interdiurnal temperature variability in the stratosphere in January and July /Mezhdusutochnaya izmenchivost' temperatury v stratosfere v ianvare i iul'e/. 04 p0616 A67-15473
- URAZAKOV, E. I.
Forces of an interaction of an electromagnetic wave with a plasmoid /O silakh vzaimodelstviya elektromagnitnoi volny so gustkom plazmy/. 14 p2361 A67-28806
Motion of symmetric current-carrying plasmoids along the axis of a semimfinite cylindrical waveguide. 20 p3497 A67-36680
- URBAN, D. D.
Digital-computer testing. 04 p0579 A67-15738
- URBAN, S.
Use of molecular sieves for stabilizing the electrical parameters of semiconductor devices /Vyuziti molekulovykh sit pro stabilizatsii elektricheskikh parametrov polovodnicovykh soucastek/. 23 p4042 A67-41274
- URBANEK, Z.
The problem of the origin of local concentrations of matter in the nonstatic model of the universe /K problemu vzniku lokalnich sskupenii hmot v nestaticheskem modelu vesmira/. 22 p3880 A67-39314
- URBANEC, K.
On the influence of the anode emission on the maximum efficiency of the thermionic diode energy converter. 14 p2247 A67-28033
- URBANOSKY, T. F.
Fluoride operational amplifier survey. 24 p4098 A67-41988
- URBANSKI, T.
Chemistry and Technology of Explosives. Volume 3. 21 p3688 A67-37900
- URBARZ, H.
A radio spectrograph for the measurement of solar burst spectra in the region from 46 to 540 MHz /Ein Radiospektrograph zur Messung von solaren Burstspektren im Bereich von 46 bis 540 MHz/. 14 p2382 A67-28966
- URE, R. W., JR.
Concentration dependence of de Haas-van Alphen effect in n-type Bi sub 2 Te sub 3. 17 p2912 A67-32268
- UREY, H. C.
Study of the Ranger pictures of the moon. 08 p1390 A67-21026
- URKOWITZ, H.
Energy detection of unknown deterministic signals. 13 p2067 A67-26510
- URLI, N. B.
Investigation of the nature of impurity states in CdTe. 06 p1062 A67-18928
Effect of neutron and gamma radiation on lithium compensated silicon. 17 p2917 A67-32846
- UROSHEVICH, V.
Capture, ionization, and ionization capture in collisions of protons with argon atoms. 23 p4030 A67-41687
- URRUTIA, J. L.
Some aspects of supersonic combustion /Algunos aspectos de la combustion supersonica/. 06 p1113 A67-18027
Ignition delay in diffusive supersonic combustion. [AIAA PAPER 67-496] 18 p3158 A67-33960
- URTIEW, P. A.
Experimental observations of the transition to detonation in an explosive gas. 03 p0535 A67-13500

- Detonative ignition induced by shock merging. 18 p3153 A67-33826
- URUSHADZE, G. I.
Tunnel current modulation by an acoustic wave in superconductors /Modulirovanie tunnel'nogo toka zvukovoi volnoi v sverkhprovodnikakh/. 15 p2537 A67-29708
Electron tunneling in superconductors. 23 p4043 A67-41300
Modulation of the tunneling current by sound waves in a superconductor. 24 p4200 A67-41778
- US, B. V.
Device for continuous automatic control of the state of the cutting edges of a cutting tool /Ustroistvo dlia nepreryvnogo avtomaticheskogo kontrolia za sostoianiem rezhushchikh kromok reztsa/. 21 p3626 A67-38059
- USAMI, T.
Preliminary study of the propagation of spheroidal disturbances on the surface of a heterogeneous spherical earth. 02 p0237 A67-11790
Propagation of disturbances in a Gutenberg-Bullen A' spherical earth model - Travel times and amplitudes of S waves. [SR-16] 20 p3435 A67-37675
- USCINSKI, B. J.
The probability distribution of the wave field scattered by an irregular medium. 16 p2623 A67-30968
- USDIN, E.
Rapid detection of microorganisms in aerospace water systems. 23 p3968 A67-41627
- USELTON, J. C.
Some comments on the aerodynamic characteristics of the Tomahawk sounding rocket. 08 p1405 A67-20502
- USHAKOV, A. S.
Life in the spacecraft and planetary station. 19 p3179 A67-35209
Problem of reproduction of food protein by autotrophic organisms in extraterrestrial conditions. 19 p3179 A67-35228
- USHAKOV, I. A.
Determination of the magnetic moment of a magnetized gyroscope /K opredeleniiu magnitnogo momenta namagnichennogo giroskopa/. 22 p3796 A67-39231
- USHER, M. J.
Systematic diurnal variations in the period and polarization of magnetic micropulsations in South-West England. 17 p2841 A67-32212
Stray field modulation effects in the rubidium magnetometer. 20 p3448 A67-36876
- USHER, P. D.
On the optical search for the X-ray sources Cyg X-1 and Cyg X-2. 17 p2937 A67-32649
Secular behavior of a blue object near Cygnus X-2. 19 p3331 A67-36084
- USHIO, K.
Distribution of normal region after S-N transition in a superconducting magnet. 01 p0137 A67-11065
- USHIROKAWA, A.
Application of microminiature circuits in space electronics. 12 p1918 A67-26216
- USHKOV, S. S.
Effect of secondary recrystallization on the structure and mechanical properties of single-phase titanium alloys in the cast state. 05 p0830 A67-16760
- USHKOVA, T. V.
Macromosaic substructure of the monocystals of molybdenum, tungsten, and tantalum obtained by the electron-beam zonal fusion method without a crucible /Makromozachnaya substruktura monokristallov molibdena, vol'frama, tantala, poluchennykh metodom bestigel'noi elektronno-luchевой zonnol plavki/. 05 p0827 A67-16079
- USKOV, V. A.
Study of the diffusion of antimony and indium in germanium, taking the internal electric field into account /Issledovanie diffuzii sur'my i indiya v germanii s uchetoм vnutrennego elektricheskogo polia/. 03 p0489 A67-13149
Effect of an internal electric field on the simultaneous diffusion of impurities in semiconductors /Vliianie vnutrennego elektricheskogo polia na odnovremennuyu diffuziyu primesel v poluprovodnikakh/. 05 p0867 A67-17051
Investigation of the diffusion of antimony and indium in germanium, including effect of internal electric field. 10 p1690 A67-23096
Effect of an internal electric field on

- simultaneous diffusion of impurities in semiconductors. 15 p2537 A67-29782
- USKOV, V. N.
Determination of the parameters of a supersonic gas stream impinging on an obstacle in the form of an inclined plane /Opredelenie parametrov sverkhzvukovoi gazovoistrui, deistvuiushchei na naklonnulu ploskuiu pregradu/. 15 p2472 A67-29776
- USLENGHI, P. L. E.
Radiation from a recessed slot in a coated cylinder. 22 p3767 A67-39274
Mode uncoupling in oblique scattering from radially inhomogeneous cylinders. 22 p3763 A67-40308
- USMANOV, Z. D.
Rigidity of a surface with flattened point /O zhestkosti poverkhnosti s tochkoi uploshcheniia/. 16 p2698 A67-29192
- USOLTSEV, A. V.
Compensation method of testing thermobimetallic sensing elements /Kompensatsionnyi sposob ispytaniia termobimetallicheskiikh chuvstvitel'nykh elementov/. 07 p1187 A67-19740
- USOVA, V. V.
Mechanism underlying the activation of a titanium surface before deposition of galvanic coatings. 14 p2336 A67-27868
- USPENSKII, A. V.
The theory of two-photon laser. 03 p0437 A67-13292
Concerning the theory of optically coupled GaAs p-n junction lasers. 05 p0814 A67-16390
Feasibility of modulating the emission of a semiconductor laser by current-carrier heating /Vozmozhnost' modulatsii izlucheniia poluprovodnikovogo kvantovogo generatora putem razogreva nositelei toka/. 15 p2496 A67-29236
- USPENSKII, N. V.
Thermal Effects and Cutting Machinability of Aircraft Materials /Teplovyie iavleniia i obrabatyvaemost' Rezaniiem Aviatsonnykh Materialov/. 03 p0427 A67-13190
Effect of the quality of wheel trimming on the thread grinding temperature for aircraft materials /Vliianie kachestva pravki kruga na temperaturu pri shlifovanii rez'by na aviatsonnykh materialakh/. 03 p0428 A67-13196
- USTIANOV, V. I.
Effect of temperature on the kinetics of gamma-conductivity of cadmium sulfide /Vliianie temperatury na kinetiku gamma-provodimosti sernistogo kadmiia/. 14 p2367 A67-28526
Influence of temperature on the kinetics of the gamma-conductivity of cadmium sulfide. 23 p4039 A67-40933
- USTIMENKO, B. P.
Turbulent structure of rotary flows in annular channels between rotating coaxial cylinders /Turbulentnaia struktura krugovogo potoka v kol'tsevykh kanalakh mezhdru vrashchalushchimisia koaksial'nymi tsilindrami/. 24 p4142 A67-42214
- USTIMENKO, L. IU.
Distribution of the potential in an ionized-gas flow in a channel /O raspredelenii potentsiala pri techenii ionizirovannogo gaza v kanale/. 01 p0011 A67-10176
- USTINOV, B. A.
Motion of satellites along low-eccentricity orbits in a noncentral terrestrial gravitational field /Dvizhenie sputnikov po orbitam s malym ekkentsentrisitetom v nentsentral'nom gravitatsionnom pole zemli/. 13 p2200 A67-27322
- USTINOV, G. A.
A combined method equalizing space triangulation /Kombinirovannyi metod uravniivaniia kosmicheskoi triangulatsii/. 21 p3618 A67-38196
- USTINOV, IU. A.
The stresses in a compound disk under the influence of concentrated loads /O napriazheniiakh v sostavnom diske pri deistvii sosredotochennykh nagruzok/. 15 p2577 A67-30186
- USTINOV, L. M.
Diagrams of specific strength of materials made of fibrous compositions /Diagrammy udel'noi prochnosti voloknistykh kompozitsionnykh materialov/. 24 p4246 A67-41921
- USTINOV, M. D.
Flow of an ideal gas behind a shock wave of finite amplitude /O techenii ideal'nogo gaza za udarnoi volnoi konechnoi amplitudoi/. 10 p1624 A67-23033
- UTESHEVA, V. I.
Dynamic torsion of a semi-infinite cylinder /Dinamicheskoe kruchenie polubeskonechnogo tsilindra/. 12 p2029 A67-25664
- UTIAKOV, L. L.
Multistable pulse-frequency elements. 01 p0043 A67-10239
Study of the dynamics of counting control of multistable elements /Issledovanie dinamiki pereschetnogo upravleniia mnogoustoiichivymi elementami/. 01 p0044 A67-10497
Investigation of the dynamics of scaling control of multistable elements. 10 p1621 A67-23619
Reversible counter using a decimal register /Reversivnyi schetchik na osnove desiatichnogo registra/. 22 p3809 A67-40479
- UTKIN, G. M.
Simultaneous-phase automatic frequency control and synchronization /Sovmestnye fazovaya avtopodstroika chastoty i sinkhronizatsiia/. 05 p0764 A67-16904
Automatic phase adjustment in amplifiers. 05 p0778 A67-17395
Experimental characteristics of an amplifier and a self-excited oscillator employing a reflex klystron with phase locking /Eksperimental'nye kharakteristiki usilitelia i sinkhronizirovannogo avtogeneratora na otrazhatel'nom klistrone s avtopodstroikoi fazy/. 11 p1757 A67-23907
Simultaneous automatic phase frequency control and synchronization. 16 p2623 A67-30880
Experimental characteristics of a reflex klystron amplifier and synchronized oscillator with automatic phase control. 21 p3600 A67-38935
- UTKIN, IU. A.
Investigation of the injection electroluminescence of p-n junctions in gallium phosphide /Issledovanie in'ektsionnoi elektroluminesentsii p-n-perekhodov v fosfide galliia/. 14 p2368 A67-28531
Investigation of the injection electroluminescence of p-n junctions in gallium phosphide. 23 p4039 A67-40938
- UTKINA, G. A.
Effectiveness of buildup of sequences of quasi-coherent radio pulses by comb filters /Effektivnost' nakopleniia kvazikogerentnykh posledovatel'nostei radioimpul'sov grebenchatymi fil'trami/. 07 p1140 A67-19231
- UTKU, S.
Behavior of triangular shell element stiffness matrices associated with polyhedral deflection distributions. [AIAA PAPER 67-114] 06 p1103 A67-18356
Stiffness matrices for thin triangular elements of nonzero Gaussian curvature. 19 p3342 A67-35750
- UTRYSKO, B.
Rotating jets in a confined space /Jets tournants en espace confine/. 21 p3615 A67-39128
- UTTER, J.
The "Saphir" test vehicle /Le vehicule d'essai "Saphir"/. 15 p2571 A67-30090
- UTUKURI, R. R. N.
Coincident arrays for the direct measurement of the principal solution in radio astronomy. 09 p1470 A67-21590
- UVAROV, D. B.
Determination of wind velocities and diffusion coefficients with the aid of an artificial luminescent cloud /Opredelenie skorosti vetra i koeffitsienta diffuzii s pomoshch'iu iskusstvennogo svetlasehchego oblaka/. 10 p1675 A67-22795
Determination of wind velocity and of the diffusion coefficient by means of an artificial luminescent cloud. 24 p4181 A67-42131
- UY, J. C.
A method of investigating low-cycle thermal fatigue. 20 p3543 A67-37699
- UYEDA, H.
Clock synchronization via Relay II satellite. 09 p1494 A67-21617
- UYEDA, Y.
Diffusion of Li in InSb. 01 p0137 A67-11067
- UYEHARA, O. A.
Turbine, Wankel, and Stirling engines. [AICE PREPRINT 45A] 04 p0691 A67-15944
- UZHVI, A. G.
Generalized characteristics of a servomotor and their application /Obobshchennye kharakteristiki servodvigatelia i ikh
- primenenie/. 24 p4098 A67-42094
- UZILEVSKAIA, A. A.
Measurement of the rupture stress in dynamic tensile tests /Izmerenie usiliia razrusheniia pri dinamicheskom rastiazhenii/. 18 p3141 A67-33719
- UZKAN, T.
A shear-free turbulent boundary layer. 17 p2837 A67-32286
- UZUNOGLU, V.
Considerations in the utilization of semiconductor devices and integrated circuits. 10 p1610 A67-22976
A technique in analog to digital conversion. 20 p3390 A67-36252
- V
- VAARMANN, O.
Computer simulation of a type of perceptron which predicts the result of a cyclic process /Modelirovanie na TsVM algoritma odnogo tipa pertseptrona, predskazyvayushchego rezul'tat tsiklicheskogo protessa/. 07 p1147 A67-19150
- VACAS, D. I.
Changes in satellite orbits /Cambios en orbitas satelitarias/. 22 p3882 A67-39563
- VACCA, C.
Histophysiological study of pulmonary circulation of rabbits subjected to acute hyperbaric oxygenation at 3 atmospheres absolute /Osservazioni isto-fisiologiche sul circolo polmonare del coniglio sottoposto ad ossigenazione iperbarica acuta a 3 atmosfere assolute/. 16 p2614 A67-31473
- VACCA, G. A.
Mission influences on advanced computers. 11 p1756 A67-24248
- VACCA, L.
Histophysiological study of pulmonary circulation of rabbits subjected to acute hyperbaric oxygenation at 3 atmospheres absolute /Osservazioni isto-fisiologiche sul circolo polmonare del coniglio sottoposto ad ossigenazione iperbarica acuta a 3 atmosfere assolute/. 16 p2614 A67-31473
- VACCARO, J.
Methods of reliability physics. 01 p0041 A67-11356
- VACCARO, M. J.
Lunex II - A study on manned lunar exploration. 01 p0017 A67-11392
- VACHASPATI
Degree of coherence of an extended source. 01 p0091 A67-11227
- VACHER, J.
Direct observation of signals from junction detectors /Observation directe de signaux de detecteurs a jonction/. 01 p0065 A67-10651
- VACHET, M.
Open ways to certain new metals /Voies ouvertes a certains metaux nouveaux/. 06 p1017 A67-17994
- VACHON, R. I.
Pool boiling response to pressure decay. 04 p0734 A67-15848
Photographic exploration of Mars with solar-electric propulsion. [AIAA PAPER 67-88] 06 p1096 A67-18438
Direct determination of thermal diffusivity and conductivity with a refined line-source technique. [AIAA PAPER 67-314] 12 p2037 A67-26029
Evaluation of constants for the Rohsenow pool-boiling correlation. [ASME PAPER 67-HT-33] 20 p3547 A67-36723
Planetary photographic exploration with solar-electric propulsion. [AIAA PAPER 67-712] 21 p3714 A67-38739
- VACLAVIK, J.
The nonlinear theory of plasma instability in an oscillating discharge. 03 p0478 A67-13537
On strong turbulence of an inhomogeneous weakly ionized plasma in crossed electric and magnetic fields. 07 p1228 A67-19508
On the quasilinear theory of ion beam instabilities of low frequency waves in a plasma. 07 p1230 A67-20145
The non-linear theory of instability of non-potential plasma waves in an oscillating discharge. 10 p1684 A67-22902
- VADASZ, L.
Temperature dependence of MOS transistor characteristics below saturation. 09 p1475 A67-22204
- VADOV, G. I.
Study of the temperature dependence of

the contours of the exciton bands of polycrystalline cadmium sulfide films /Issledovanie temperaturnoi zavisimosti konturov eksitonnykh polos polukristallicheskikh plenok sul'fida kadmia/. 14 p2372 A67-28852

VAFAKOS, W. P.
Asymptotic solution for short ring-reinforced oval cylinders. 10 p1729 A67-23766
Asymptotic solution for infinite cylinder reinforced by radially loaded ring. [ASME PAPER 66-WA/APM-27] 10 p1730 A67-23839

VAFIADI, V. G.
Method of calculating active photoelectric systems /O metodike rascheta aktivnykh fotoelektricheskikh sistem/. 08 p1331 A67-21055
A method for designing active photoelectric systems. 22 p3797 A67-39417

VAGANOV, P. A.
Investigation of the radiation resistance of silicon semiconductor detectors when irradiated by protons with an energy of 2.3 Mev /Issledovanie radiatsionnoi stolnosti kremniyevykh poluprovodnikovyykh detektorov pri obлучenii protonami s energiei 2.3 Mev/. 21 p3628 A67-38596

VAGANOV, V. I.
Volt-ampere characteristics of low voltage trinitors /Vol'tampernye kharakteristiki nizkovol'tnykh trinitorov/. 03 p0377 A67-13237
Dinistor-based triggers with counting input /Triggery so schetnym vkhodom na dinistore/. 03 p0377 A67-13239

VAGH, A. S.
Loops and spirals on thermally etched surfaces of cleaved NaCl crystals. 04 p0675 A67-14761

VAGIANOS, N. J.
The UF-XS Japanese STOL seaplane. 14 p2245 A67-27743

VAGIN, V. A.
Waves with complex propagation constants in a diaphragmed waveguide. I /Volny s kompleksnymi postoiannymi rasprostraneniia v diafragmirovannom volnovode. I/. 04 p0575 A67-15214
Waves with complex propagation constants in an iris-loaded waveguide. I. 15 p2438 A67-30262

VAGLIO-LAURIN, R.
The trail of an ionospheric satellite. II. 14 p2302 A67-28207
Trail of an ionospheric satellite. I. [AIAA PAPER 66-477] 21 p3706 A67-38862

VAGNERS, J.
Rigorous error bounds on position and velocity in satellite orbit theories. [AAS PAPER 66-94] 07 p1252 A67-19958
Rigorous error bounds on position and velocity in satellite orbit theories. [AAS PAPER 66-94] 13 p2207 A67-27518
Modified long-period behavior due to tesseral harmonics. 19 p3328 A67-35959

VAHLIDIEK, F. W.
Microhardness anisotropy, slip, and twinning in Mo sub 2 C single crystals. 03 p0441 A67-13254
Oxidation of molybdenum particles by electron microscopy at various temperatures. 24 p4172 A67-41978

VAIDYA, P. C.
The gravitational field of a charged particle embedded in an expanding universe. 14 p2336 A67-27892

VAIKHBROT, E. I.
Study of the effect of 35-Mev electrons on the electrophysical properties of germanium /Doslizhennia vplyvu elektroniv z energiei 35 Mev na elektrofizichni vlastivosti germaniuv/. 16 p2732 A67-31479

VAILHE, L.
"Diamant" - Solid second-stage engine /"Diamant" - 2e Etage propulsif a poudre/. 07 p1240 A67-19521

VAILLANT, J.
Single-pulse receiver for error measurement /Recepteur monopulse pour ecartometrie/. 21 p3599 A67-38645

VAINBERG, B. R.
Uniformly nonelliptic problems. I /O ravnomerno neellipticheskikh zadachakh. I/. 14 p2343 A67-28503

VAINBERG, D. V.
Discrete analysis in plate and shell theory /Diskretnyi analiz v teorii plastin i obolochek/. 12 p2023 A67-25591

VAINDNER, A. I.
Generalization of the Bubnov-Galerkin-

Kantorovich method for the approximate solution of boundary-value problems /Ob odnom obobshchenii metoda Bubnova-Galerkina-Kantorovicha priblizhennogo resheniia kraevykh zadach/. 12 p1962 A67-26106

VAINIKO, G. M.
Perturbed Galerkin method and the general theory of approximate methods for nonlinear equations /Vozmushchennyi metod Galerkina i obshchala teorii priblizhennykh metodov dlia nelineynykh uravnenii/. 21 p3653 A67-38419

VAINO, A. A.
Method of measuring pressure by submerged semiconductor strain gages /Sposob izmereniia davleniia pogruzhennymi poluprovodnikovymi tenzoelementami/. 09 p1498 A67-22031

VAINShteIN, B. K.
The laser as a source of optical Fourier transforms /Lazer kak isotchnik dlia opticheskoi transformatsii Fur'e/. 05 p0824 A67-16921
A laser as a source for optical Fourier transforms. 14 p2330 A67-28261

VAINShteIN, E. E.
Some features of the intrinsic photoeffect in layers of the Se-As-Tl system in the visible and X-ray spectral regions /O nekotorykh osobennostiakh vnutrennego fotoeffekta v slolakh sistemy Se-As-Tl v vidimoi i rentgenovskoi oblastakh spektra/. 03 p0498 A67-13838

Certain characteristics of the photoconductive effect in layers of the system Se-As-Tl in the visible and X-ray regions of the spectrum. 13 p2184 A67-27719

VAINShteIN, G. B.
Dynamics of intracranial pressure and of blood content in the cranial cavity at transverse accelerations up to 40 g /Dinamika krovenapoleniia polosti cherepa i vnutricherepnogo davleniia pri poperechnykh peregruzkakh do 40 ed./. 13 p2057 A67-28456
Dynamics of pulse waves of intracranial pressure in the case of transverse overloads of up to 40 g /Dinamika pul'sovykh voln vnutricherepnogo davleniia pri poperechnykh peregruzkakh do 40 ed./. 15 p2430 A67-30229

VAINShteIN, L. A.
Possibility of identifying the lines of MgII and Hq quark atoms in the solar spectrum /O vozmozhnosti otzhdvestveniiia llini kvarkatomov MgII i Hq v spektre solntsa/. 03 p0509 A67-13298

Possibility of identifying the lines of the quarkatom Mg q II and Hq in the spectrum of the sun. 04 p0698 A67-14723
Open resonators and open waveguides /Otkrytye rezonatory i otkrytye volnovody/. 13 p2075 A67-26461

VAISANEN, S.
Higher modes of critical speed of shafts with elastic bearing moments. 02 p0250 A67-12710

VAISBERG, O. L.
Pitch angle distribution of auroral protons. 07 p1173 A67-19700
Variations in the position of mirror points of electrons with energies greater than 40 kev. 10 p1647 A67-23281

Investigation of corpuscles on the Electron 1 and Electron 3 satellites - Preliminary results. 12 p1996 A67-25804
New data on electric fields in the magnetosphere. 12 p1936 A67-25808
Angular and energy distribution of protons in auroras /Uglovoe i energeticheskoe raspredelenie protonov v poliarnykh silanikh/. 17 p2938 A67-32962

VAISMAN, A. M.
Boundary-value problems of continuous dislocation theory /O granichnykh zadachakh kontinual'noi teorii dislokatsii/. 15 p2572 A67-29235

VAIZBURG, G. M.
Experimental study of tunnel-diode oscillators /Eksperimental'noe issledovanie generatorov na tunnel'nykh diodakh/. 12 p1917 A67-26098

VAJNA, Z.
A study on impellers of greatly cambered forward curved blading. 21 p3614 A67-39053

VAKHITOV, M. B.
Stress analysis of thin-walled low-aspect-ratio wings /K raschetu na prochnost' tonkostennyykh kryl'ev malogo udlneniia/. 14 p2401 A67-28657

Computer calculation of the bending of beams of variable cross section under

arbitrary transverse and longitudinal loads /Raschet s pomoshch'iu EVM sterzhnei peremennogo secheniia na izgib pri prolzvo'noi poperechnoi i prodo'noi nagruzke/. 22 p3915 A67-40449

VAKHNNIN, V. M.
Stratified and faceted forms on panoramas obtained from the Luna-9 space station /Sloistye i granevye formy na panoramakh, poluchennykh so stantsii Luna-9/. 01 p0150 A67-10904
First artificial satellites of the moon /Pervye isskustvennye sputniki lunny/. 08 p1411 A67-20999

VAKHOMCHIK, V. P.
Analytic solution of the integral equation for the vibration of thin airfoils in a cascade. 13 p2218 A67-26899

VAKHAMEEV, I. U. S.
The buildup of shock waves in an inhomogeneous medium. 15 p2472 A67-29694

VAKHROMEY, V. G.
Kinetics of stored-energy buildup in alkali halide crystals after irradiation by protons /Kinetika nakopleniia zapasennoi energii v shchelochno-galodnykh kristallakh posle obлучeniia protonami/. 01 p0136 A67-11050

VAKHROMYCHEVA, M. N.
Optimal parameters of refrigeration units using a heat-emitting regenerative gas cycle /Optimal'nye parametry khoolodil'nykh ustanovok, rabotalushchikh po gazovomu regenerativnomu tsiklu s izlucheniem tepla/. 10 p1596 A67-23022

VAKIN, S. A.
Direction-finding characteristics of single-pulse automatic tracking systems. 02 p0214 A67-11904

VAKMAN, D. E.
Asymptotic method of synthesizing phase-manipulated signals from a given autocorrelation function /Asimptoticheskii metod sinteza fazomanipulirovannykh signalov po zadannoi avtokorrelatsionnoi funktsii/. 04 p0575 A67-15160

An asymptotic method of synthesis of phase-modulated signals based on a given autocorrelation function. 15 p2435 A67-29347

VAKULENKO, A. A.
Peculiarities of the principal deformation laws of high polymers and metals in connection with simulation problems /Ob osobennostiakh osnovnykh zakonov deformatsii vysokopolimerov i metallov v svyazi s vyposami modelirovaniia/. 08 p1423 A67-21330

VAKULENKO, O. V.
Absorption of infrared radiation by free carriers in n-type GaAs. 23 p4042 A67-41293

VAKULOV, P. V.
Cosmic ray variations according to the Zond 3 and Venera 2 probes /Variatsii kosmicheskikh luchel po dannym stantsii Zond-3 i Venera-2/. 05 p0884 A67-17025
Measurement of protons of solar origin with energies from 1 to 5 Mev during the flights of the Venera-2, Venera-3, and Zond-3 stations /Izmereniia pri polete stantsii Venera-2, Venera-3 i Zond-3 protonov solnechnogo proiskhozhdeniia s energiei 1-5 Mev/. 06 p1077 A67-17841

Measurement of the intensity of the penetrating radiation at the surface of the moon. 08 p1385 A67-20841

Measurements of the cosmic ray intensity during the flight of the Zond-3 automatic space probe. 10 p1701 A67-23230

The structure of the earth's proton radiation belts according to the data of the Electron series of satellites. 10 p1702 A67-23300

Cosmic-ray studies in interplanetary space and on the moon. 12 p1992 A67-25123

Time variations of the intensity in the outer belt and near its boundary deduced from Electron 1 and Electron 2 data. 12 p1997 A67-25815

Results of investigations of geometrical position and of composition of the earth's radiation belt particles according to Electron 1 and Electron 2 data. 12 p1998 A67-25816

Investigations of primary cosmic radiation by the Electron 2 and Electron 4 satellites. 12 p1998 A67-25827

Boundary of the outer radiation belt and the region of unsteady radiation /Granitsa vneshnego radiatsionnogo polosa i zona neustoiichivoi radiatsii/. 16 p2740 A67-31886

Measurements of the penetrating radiation intensity on the moon's surface. 18 p3122 A67-34143

- Eleven-year cycle of cosmic-ray intensity beyond the earth's magnetosphere /11-Letnii khod intensivnosti kosmicheskikh luchei vne magnitosfery zemli/. 23 p4055 A67-41101
- Cosmic-ray variations in various regions of interplanetary space, according to data from the Zond 3 and Venera 2 stations /Variatcii kosmicheskikh luchei v razlichnykh oblastakh mezplanetnogo prostranstva, po dannym stantsii Zond-3 i Venera-2/. 23 p4055 A67-41102
- Measurement of sun-emitted 1 to 5-Mev protons on Venera 2 and 3 and Zond 3 stations /Izmereniia pri polete stantsii Venera-2, Venera-3 i Zond-3 protonov solnechnogo proiskhozhdeniia s energiei 1-5 Mev/. 23 p4056 A67-41112
- VALADIER, M.**
Use of a duality method in a problem of dynamic optimization /Utilisation d'une methode de dualite dans un probleme d'optimisation dynamique/. 19 p3204 A67-35907
- VALAKH, M. IA.**
Determination of volume and surface inhomogeneities of the active media and interferometric mirrors of lasers /Opredelenie ob'emnykh i poverkhnostnykh neodnorodnostei aktivnykh tel i interferometricheskikh zerkal opticheskikh kvantovykh generatorov/. 03 p0436 A67-13143
- VALANEJAD, E.**
Evaluation of the gyro-viscous stress. 10 p1685 A67-23331
- VALANIS, K. C.**
Exact and variational solutions to a general viscoelasto-kinetic problem. 05 p0909 A67-16141
- Continuum mechanical description of viscoelasticity and rubber-like elasticity. [AIAA PAPER 67-489] 18 p3143 A67-33955
- Entropy, fading memory and Onsager's relations. 18 p3159 A67-34005
- The strain-energy function of a hyperelastic material in terms of the extension ratios. 18 p3145 A67-34642
- VALBY, L. E.**
Edge effects in the tunneling characteristics of superconducting diodes. 24 p4128 A67-41868
- VALCKX, F. P. G.**
Dissociation of H sub 2 super plus ions by the Lorentz force /Dissociation par la force de Lorentz d'ions H sub 2 super plus/. 04 p0671 A67-15645
- VALD-PERLOV, V. M.**
The avalanche transit-time diode - A new semiconductor microwave device /Lavinnno-proletnyi diod - Novyi poluprovodnikovyi SVCh-pribor/. 04 p0583 A67-15154
- The avalanche transit-time diode - A new semiconductor microwave device. 15 p2443 A67-29341
- VALDMANIS, IA. IA.**
Theory of the longitudinal edge effect in a linear inductive MHD machine /K teorii prodol'nogo kraevogo effekta v lineinoi induktsionnoi magnitogidrodinamicheskoi mashine/. 04 p0556 A67-15523
- VALDONI, F.**
Validity range of the impedance wall description for an actual microwave structure. 17 p2816 A67-32787
- VALEEV, K. G.**
On a case of integrable equations of perturbed motion of a satellite. 01 p0151 A67-10994
- The questions of motion for an earth satellite taking into account atmospheric drag. 06 p1083 A67-18040
- Application of Laplace transforms to the solution and stability analysis of linear differential equations with variable coefficients and time lag /Primenenie preobrazovaniia Laplasa k resheniiu i issledovaniu ustoiichivosti lineinykh differentsial'nykh uravnenii s peremennymi koefitsientami i zapazdvaniami argumenta/. 20 p3478 A67-37579
- VALENSI, J.**
Pressure and density of the heat flux at the surface of a pointed or blunt-nosed obstacle situated in the divergent truncated cone of a hypersonic nozzle /Pression et densite de flux de chaleur a la surface d'un obstacle a pointe vive ou emoussee, place dans le divergent tronconique d'une tuyere hypersonique/. 01 p0005 A67-10258
- Pressure and density of a heat flux convected on a sharp-pointed cone placed in incidence /Pression et densite de flux de chaleur convectee sur un cone a pointe vive place en incidence/. 02 p0177 A67-11499
- Calculation of the local convection coefficient along the stop line of a side-slipping solid of revolution - Hypersonic flows, laminar boundary layer /Sur le calcul de coefficient de convection local le long de la ligne d'arret d'un corps de revolution en derapage - Ecoulements hypersoniques, couche limite laminaire/. 02 p0178 A67-12061
- Study of the interaction of a transverse magnetic field and a supersonic flow of ionized argon /Etude de l'action d'un champ magnetique transversal sur un courant supersonique d'argon ionise/. 09 p1540 A67-21787
- Investigation of the effect of a strong transverse magnetic field on a supersonic flow of ionized argon /Issledovanie vlianiia sil'nogo poperechnogo magnitnogo polia na sverkhzvukovoi potok ionizovannogo argona/. 17 p2898 A67-32184
- VALNSTEIN, E. S.**
The anatomical locus of reinforcement. 20 p3373 A67-37432
- Polydipsia elicited by the synergistic action of a saccharin and glucose solution. 24 p4113 A67-42099
- VALENTIN, P.**
Phenomena preceding shock waves in argon /Phenomenes precursors d'ondes de choc dans l'argon/. 03 p0483 A67-13885
- Aerodynamic measurements in a plasma jet /Mesures aerodynamiques dans un jet de plasma/. 05 p0850 A67-16035
- Dynamic pressures in helium and argon plasma jets in air /Pressions dynamiques dans des jets de plasma d'helium et d'argon dans l'air/. 09 p1549 A67-22554
- Measurement of the electrical conductivity of shock-ionized air /Mesure de conductivite electrique d'air ionise par choc/. 09 p1549 A67-22570
- Conductivity of nitrogen ionized by shock /Conductivite de l'azote ionise par choc/. 11 p1832 A67-24057
- VALENTINE, R. S.**
Mixture ratio distribution - Its impact on rocket thrust chamber performance. 15 p2545 A67-29431
- Effect of fluid dynamic phenomena on spontaneous pressure spikes in the Apollo SPS thrust chamber. [AIAA PAPER 67-513] 18 p3114 A67-33976
- VALENTINE, R. W.**
Effects of chamber energy release efficiency upon nozzle performance. 13 p2188 A67-26847
- VALETTE, C.**
Destruction of superconducting metastable states by beta-irradiation. 17 p2912 A67-32270
- VALIEV, L. M.**
Electrical properties of the antiferromagnetic semiconductor MnTe /Elektricheskie svoistva antiferromagnitnogo poluprovodnika MnTe/. 12 p1982 A67-25326
- VALITSKII, V. P.**
Magnetohydrodynamic instabilities during electrical explosion. 01 p0126 A67-11296
- Thermal phenomena arising in impact of a projectile on a metal surface. 13 p2220 A67-27383
- VALLACQUA, G.**
Experimental determination of the frequency response of the longitudinal control transmission of a transonic fighter aircraft /Determinazione sperimentale della risposta in frequenza della trasmissione di comando longitudinale di un velivolo da caccia transonico/. 19 p3176 A67-35570
- VALLE, P. E.**
The virial theorem and the equilibrium of an insulated self-gravitating system /Il teorema del viriale e l'equilibrio di un sistema autogravitante isolato/. 07 p1183 A67-20175
- VALLELY, D. P.**
A new method of analysis of sampled-data control systems. 13 p2086 A67-26416
- Saturn AS-501/S-IC flight control system design. 19 p3331 A67-34808
- VALLERANI, E.**
Methods of thermal protection for structures subject to aerodynamic heating /Metodi di protezione termica delle strutture soggette a riscaldamento aerodinamico/. 23 p4082 A67-41042
- VALLERIE, L. L.**
Displays for seeing without looking. 14 p2258 A67-28663
- VALLES, A.**
Failure analysis of multilayer boards. 08 p1307 A67-21419
- VALLETTA, G.**
Dangers of pilots' self-medication - Drugs which are apt to endanger a pilot's flight activities and are often taken without medical advice /I pericoli dell'autoterapia nel pilota - Farmaci che possono controindicare l'attivita' di volo e di cui e' piu' frequente l'assunzione senza consiglio medico/. 16 p2614 A67-31474
- VALLURI, S. R.**
Fracture under biaxial conditions in the presence of a crack. 16 p2775 A67-31324
- VALNICEK, B.**
Occultation of a noise storm source during the partial solar eclipse of May 20, 1966. 17 p2953 A67-33403
- The X-emission of expanding flares. 21 p3699 A67-38965
- VALOR, N. H.**
Recent progress in evaluating the detonation characteristics of solid-composite propellant. 15 p2544 A67-29999
- VALOV, G. M.**
A mixed problem of torsion of an infinite hollow cylinder /Smeshannaiia zadacha o kruchenii beskonечноgo pologo tsilindra/. 03 p0529 A67-14164
- VALSAMAKIS, E. A.**
Probe measurements of plasma rings injected into an axial guide field. [AIAA PAPER 66-155] 12 p1975 A67-25895
- Magnet field probe measurements of plasma inside a conical theta-pinch. [AIAA PAPER 67-659] 21 p3671 A67-38695
- VALTER, A. K.**
Study of the effect of 35-Mev electrons on the electrophysical properties of germanium /Doslidzhennia vplivu elektroniv z energiei 35 Mev na elektrofizichni vlastivosti germaniuv/. 16 p2732 A67-31479
- VALTON, M.**
Contribution to the derivation of a new kinetic equation /Contribution a l'etablissement d'une nouvelle equation cinetique/. 17 p2883 A67-32290
- VAMOS, T.**
A generalization of the controllability and observability concept from the point of view of systems identification. 15 p2461 A67-30316
- VAMPOLA, A. L.**
Recent measurements of inner zone electron lifetimes. 19 p3216 A67-35186
- VAN ALBADA, T. S.**
The evolution of small stellar systems and the formation of double stars. 22 p3896 A67-40521
- VAN ALLEN, J. A.**
Observed particle effects of an interplanetary shock wave on July 8, 1966. 08 p1378 A67-21469
- Simultaneous observations of solar protons inside and outside the magnetosphere. 16 p2740 A67-31626
- The solar X-ray flare of 7 July 1966. 19 p3312 A67-35187
- Observations of the February 5-12, 1965, solar particle event with Mariner 4 and Juno 4. 22 p3872 A67-39811
- VAN ALPHEN, W. M.**
Dissipative and non-dissipative flow phenomena in superfluid helium. 22 p3839 A67-40550
- VAN ARKEL, J. A.**
A multi-dimensional self-optimizing control system involving dynamics and disturbances, employing relay extremum control. 07 p1161 A67-19204
- VAN AST, W. G.**
Noise and oscillations in cold-doped germanium photodiodes. 06 p0971 A67-18220
- VAN ATTA, C.**
Progress report on a digital experiment in spiral turbulence. 01 p0054 A67-11163
- VAN ATTA, L. C.**
Interplanetary communication. 02 p0205 A67-12540
- VAN BLADEL, J.**
The equivalent circuit of two-port antennae with an application to magic-T systems. 18 p3013 A67-34527
- VAN BLERKOM, D.**
A pure helium model stellar atmosphere. 14 p2387 A67-28578
- VAN BREDA, I. G.**
The determination of isophotes of extended sources in the night sky - Scattering in the earth's atmosphere. 08 p1326 A67-21243

- VAN BUEREN, H. G.**
Electronic spectroscopy for astronomical purposes. 17 p2854 A67-32234
- VAN CITTERS, R. L.**
Blood flow in mesenteric artery of chimpanzee, monitored via radio telemetry. 22 p3751 A67-39603
- VAN CLEEF, F. L.**
A discussion of empirical orthogonal functions and their application to vertical temperature profiles. 22 p3828 A67-39325
- VAN DALEN, P. A.**
Proximity effects between superconductors and ferromagnetic domains. 17 p2912 A67-32271
- VAN DAM, A.**
Computer driven displays and their use in man/machine interaction. 07 p1148 A67-19658
- VAN DE KAMP, P.**
Principles of astrometry. 13 p2199 A67-26933
- VAN DE REE, J.**
The potential model for helium-hydrogen interaction in thermal diffusion. 13 p2161 A67-27729
- VAN DE VOORDE, M.**
Optical properties of thin indium films /Proprietes optiques des couches minces d'indium/. 05 p0862 A67-16599
- VAN DE VOOREN, A. I.**
Some modifications to lifting surface theory. 18 p2982 A67-33655
On the 9-point difference formula for Laplace's equation. 22 p3826 A67-39195
- VAN DE WIELE, F.**
Influence of interface states on the capacitance of homo- and heterojunctions. 14 p2373 A67-28929
- VAN DEN BERGHE, P.**
Demonstration of phenomena linked with the nucleation of Ti and TiO sub 2 thin films obtained by reactive cathodic sputtering /Mise en evidence de phenomenes lies a la germination de couches minces de Ti et TiO sub 2 obtenues par pulverisation cathodique reactive/. 12 p1981 A67-25276
- VAN DEN BROEK, G.**
The SDS radar - A surveillance radar designed to detect moving targets on the ground - Extension of detection to low-flying aircraft /Le radar SDS - Radar de surveillance destine a detecter les objectifs mobiles au sol - Extension a la detection des avions volant bas/. 04 p0573 A67-15038
- VAN DER BLIEK, J. A.**
Some aspects of thermal model testing in space chambers. [AIAA PAPER 67-306] 12 p1926 A67-26021
The chemiluminescent reaction of NO with O in a supersonic low density wind tunnel. 14 p2293 A67-28199
- VAN DER GOOT, A. S.**
The internal friction of cold-worked niobium and tantalum containing both oxygen and nitrogen. 15 p2503 A67-29748
- VAN DER HOEVEN, B. J. C., JR.**
Low-temperature specific heat and density of states of boronated graphite. 05 p0833 A67-17197
- VAN DER HOUVEN VAN OORDT, A. J.**
Density measurements in a Q-device by resonance fluorescence scattering, Langmuir probe and microwave methods. 11 p1838 A67-24405
- VAN DER LAAN, P. C. T.**
Equilibrium and stability of a toroidal screw pinch. 11 p1827 A67-23888
- VAN DER MAAS, C. J.**
Multivariate statistical analysis of wind sounding data. [AIAA PAPER 66-353] 05 p0838 A67-17214
High-speed analysis of wind-induced dynamic loads on vertically rising vehicles. [AIAA PAPER 66-470] 13 p2212 A67-26820
- VAN DER MERWE, A. J.**
Quadrupole-quadrupole and dipole-octupole dispersion forces between axially symmetric molecules. 17 p2887 A67-32353
- VAN DER MERWE, J. H.**
Interaction between film and substrate and its influence on film structure. 02 p0286 A67-11708
- VAN DER RIJST, C.**
Noise and oscillations in cold-doped germanium photodiodes. 06 p0971 A67-18220
- VAN DER SLUYS, W. A.**
The effect of moisture on slow crack growth in thin sheets of SAE 4340 steel under static and repeated loading. [ASME PAPER 66-WA/MET-6] 04 p0639 A67-15340
- VAN DER WAL, C. W.**
On mechanical properties of unfilled and filled elastomers. 19 p3249 A67-35888
- VAN DER WALTH, A. J.**
Airglow and enhanced penetrating electromagnetic radiation in the southern radiation anomaly. 12 p1996 A67-25775
- VAN DER ZIEL, A.**
H. F. thermal noise in space-charge-limited solid-state diodes. 03 p0380 A67-13486
Low-frequency noise predicts when a transistor will fail. 03 p0389 A67-14277
Noise in silicon double-base diodes. 04 p0585 A67-15619
Noise in space-charge-limited solid-state devices. 06 p0971 A67-18224
The intermediate and high-frequency noise of probes immersed in gas discharges. 12 p1948 A67-26226
Noise in p-i-n junction diodes. 13 p2079 A67-26875
Noise in double-injection space-charge-limited diodes. 16 p2637 A67-31034
Noise in p-n-p-n diodes. 21 p3589 A67-37820
- VAN DEWOESTINE, R. V.**
An experimental investigation on the effect of subsonic inlet Mach number on the performance of conical diffusers. 05 p0748 A67-16811
- VAN DRIEST, E. R.**
Scientific missions for manned lunar operations. 09 p1568 A67-22408
Boundary-layer transition on blunt bodies - Effect of roughness. 21 p3614 A67-38891
- VAN DUZER, T.**
Noise-figure expressions for crossed-field amplifiers. 13 p2079 A67-26874
- VAN DYKE, J. D., JR.**
Cabin noise reduction in the DC-9. [AIAA PAPER 67-401] 15 p2421 A67-30368
- VAN DYKE, P.**
The effects of single curvature on stresses at reinforced circular holes. [AIAA PAPER 67-365] 14 p2401 A67-28733
Local stress concentrations in imperfect filamentary composite materials. 20 p3474 A67-37270
- VAN FLANDERN, T.**
A family of retrograde orbits around the triangular equilibrium points. 15 p2557 A67-29876
- VAN FO FL, G. A.**
Optimum ratios of the components of some composite materials subjected to shear /Optimal'ni spivvidnoshennia komponent delakikh kompozitsiinkh materialiv pri zsvu/. 18 p3069 A67-34170
- VAN FO FY, G. A.**
Homogeneous and reinforced plastics under periodic effects /Odnorodnye i armirovannye plastiki pri periodicheskikh vozdeistviakh/. 01 p0102 A67-10220
Bases of the theory of anisotropic thermoviscous elasticity /K osnovam teorii anizotropnoi termoviazkoi uprugosti/. 05 p0912 A67-16183
- VAN GELDER, A.**
Final value optimal stochastic control problem with bounded controller. 17 p2830 A67-33012
- VAN GELDER, W.**
Optical thickness measurement of SiO sub 2 - Si sub 3 N sub 4 films on silicon. 17 p2854 A67-32191
- VAN GURP, G. J.**
Temperature dependence of the critical field in superconducting vanadium. 07 p1237 A67-20178
The effect of structure on the superconducting properties of vanadium and niobium foils. 12 p1986 A67-26067
On the dynamic intermediate state in superconductors. 14 p2369 A67-28600
- VAN HAERINGEN, W.**
The effect of saturation on the polarization parameters of modes in anisotropic gas lasers. 06 p1010 A67-17823
Polarization properties of a single-mode operating gas laser in a small axial magnetic field. 17 p2870 A67-33368
Circular polarization in a j equals 1 goes to j equals 0 - transition laser. 21 p3640 A67-38353
- VAN HAMERSVELD, J. A.**
Making satellite structures from beryllium-localloy. 07 p1192 A67-20251
- VAN HEEK, H. F.**
Unusual electrode configuration for Hall measurements on thin films and field-effect devices. 09 p1472 A67-21955
- VAN HEYNINGEN, V. F.**
On the selection of trajectories for unmanned Mars orbiters. 16 p2745 A67-30748
- VAN HOLLEBEKE, M.**
Diffusion of protons and nuclei at 27 GeV/c /Diffusions protons-noyauux a 27 GeV/c/. 13 p2160 A67-26436
- VAN HORN, H. M.**
WKB approximation in three dimensions. 16 p2703 A67-31920
- VAN HORNE, T. B.**
A Surveyor-type photographic mission on the surface of Mars. 09 p1570 A67-21680
- VAN HULSTEYN, D. B.**
An arbitrary current source in a homogeneous anisotropic plasma. 15 p2527 A67-29482
- VAN HYNING, J. B.**
Future improvements in critical areas of TRKI-12 receiver/recorder group. 20 p3380 A67-36550
- VAN ISACKER, J.**
Zonal harmonic analysis of stratospheric temperatures /Analyse harmonique zonale des temperatures stratospheriques/. 06 p0996 A67-18447
- VAN ITTERBEEK, A.**
The influence of alpha-irradiation on the transition temperature of superconductive tin, indium and thallium foils. 17 p2926 A67-33405
- VAN KHAI, T.**
A read only 70-ns waffle iron memory. 22 p3765 A67-39904
- VAN KHAP, F.**
Approximate solution of singular integral equations with a Hilbert kernel /O priblizhennom reshenii singularnykh integral'nykh uravnenii s iadrom Gil'berta/. 02 p0258 A67-11625
- VAN KRANENDONK, J.**
Theory of coherent resonant absorption and emission at infrared and optical frequencies. 15 p2519 A67-29190
- VAN LAMSWEEERDE, B.**
The Rayleigh function and the mechanics of dissipative systems /La fonction de Rayleigh et la mecanique des systemes dissipatifs/. 04 p0658 A67-15584
- VAN LANDINGHAM, S. L.**
Origin of round-body structures in the Orgueil meteorite. 24 p4113 A67-42455
- VAN LERBERGHE, A.**
Study of the recovery time of a CO sub 2 laser excited by pulse discharges /Etude du temps de recouvrement du laser a gaz carbonique excite par decharges impulsionnelles/. 23 p4011 A67-40692
- VAN LIEW, H. D.**
Permeation of neon, nitrogen and sulfur hexafluoride through walls of subcutaneous gas pockets in rats. 21 p3574 A67-38079
- VAN LIGTEN, R. F.**
Image separation by pupil separation in multiple-exposure holography. 15 p2487 A67-29500
- VAN LOOCK, W. M.**
The fundamental switching theorem for diodes. 01 p0032 A67-10010
- VAN MAAREN, M. H.**
Some new superconducting group V super dicalcogenides. 16 p2726 A67-30818
- VAN MELLAERT, L. J.**
On the inclusion probability of a stochastic dynamical system. 08 p1308 A67-20323
- VAN MIEGHEM, J.**
Zonal harmonic analysis of stratospheric temperatures /Analyse harmonique zonale des temperatures stratospheriques/. 06 p0996 A67-18447
Fluctuations of the earth's rotation and chronology of volcanic phenomena. 11 p1788 A67-24780
Energy transport across internal boundaries. 19 p3224 A67-35526
- VAN NIELEN, J. A.**
The influence of the substrate upon the DC characteristics of silicon MOS transistors. 12 p1916 A67-26068
- VAN NIMWEGEN, R. R.**
Growth and operational capabilities of the turboprop engine. [SAE PAPER 670236] 12 p1989 A67-25494
- VAN OOLJEN, D. J.**
The internal friction of cold-worked niobium and tantalum containing both oxygen and nitrogen. 15 p2503 A67-29748
- VAN OPDOORP, C.**
Current-voltage characteristics and capacitance of isotype

- heterojunctions. 13 p2183 A67-27569
- VAN OVERSTRAETEN, R.**
Influence of interface states on the capacitance of homo-and heterojunctions. 14 p2373 A67-28929
- VAN POUCKE, L.**
The influence of alpha-irradiation on the transition temperature of superconductive tin, indium and thallium foils. 17 p2926 A67-33405
- VAN PUL, B.**
Microscopy for semiconductors. 21 p3630 A67-38895
- VAN PUTTEN, J.**
Search for fractionally charged particles in cosmic rays near sea level. 15 p2550 A67-29680
- VAN RAALTE, J. A.**
Intra-cavity color selection in ion lasers. 06 p1010 A67-17888
- VAN REGEMORTER, H.**
Hydrogen lines. II /Sur les raies de l'hydrogene. II/. 10 p1704 A67-22884
- VAN RENSBERGEN, W.**
Collisional excitation of auto-ionizing levels in the term system of Si IX at coronal temperatures. 07 p1256 A67-20168
The influence of doubly excited levels on the ionization formula for the solar corona. 17 p2952 A67-33392
- VAN REUTH, E. C.**
NMR results on the variation of T sub c in V sub 3 Au with atomic ordering. 22 p3858 A67-39520
- VAN RUYVEN, L. J.**
Electronic transport in graded-band-gap semiconductors. 22 p3864 A67-40381
- VAN SABDEN, D.**
Magnetospheric currents, associated with the N-S asymmetry of S sub q. 01 p0057 A67-10113
- VAN SCHAIK, P. N.**
Space extravehicular operations - A review of the requirements and alternate system approaches. [AFAPL-CONF-67-6] 01 p0018 A67-11400
An assessment of the practicality of orbital maintenance. [AIAA PAPER 67-652] 20 p3535 A67-37629
- VAN SCHMUS, W. R.**
Significance of iron-rich silicates in the Mezo-Madaras chondrite. [AFCR-67-0012] 07 p1256 A67-20013
Equilibration temperatures of iron and magnesium in chondritic meteorites. 08 p1400 A67-21266
A chemical-petrologic classification for the chondritic meteorites. 14 p2391 A67-28949
A survey of the unequilibrated ordinary chondrites. 16 p2750 A67-31451
Polymict structure of the Mezo-Madaras chondrite. 24 p4237 A67-42648
- VAN SLUITERS, A.**
The geomagnetic activity around conjunction and opposition of planets. 21 p3711 A67-39004
- VAN SLYKE, M.**
Lunar Orbiter spacecraft - Supercleaning processes and cleanliness requirements. 23 p3962 A67-40854
- VAN STRALEN, S. J. D.**
The mechanism of nucleate boiling in pure liquids and in binary mixtures. I. 04 p0720 A67-14637
- VAN THINH, N.**
On the measurement of the velocity in a turbulent flow near a smooth wall by means of a hot-wire anemometer /Sur la mesure de la vitesse dans un ecoulement turbulent par anemometrie a fil chaud, au voisinage d'une paroi lisse/. 18 p3027 A67-34184
- VAN THYNE, R. J.**
Coated refractories for high-temperature rocket applications. 22 p3821 A67-39891
- VAN TIGGELEN, A.**
Oxidation and combustion. V - Oxidation and spontaneous ignition in the gas phase /Oxydations et combustions. V - Oxydations et auto-inflammations en phase gazeuse/. 02 p0341 A67-11502
Combustion in a heterogeneous system /La combustion en systeme heterogene/. 04 p0726 A67-15453
Identity of the ions created by electron impact in flames. 16 p2780 A67-31520
- VAN TIGGELEN, P. J.**
Oxidation and combustion. V - Oxidation and spontaneous ignition in the gas phase /Oxydations et combustions. V - Oxydations et auto-inflammations en phase gazeuse/. 02 p0341 A67-11502
- The concept of a mean temperature in the flame reaction zone. 23 p4082 A67-41141
Kinetic study of hydrogen-nitrous oxide flames. 23 p4082 A67-41142
- VAN TORNE, L. I.**
Pumping induced imperfections in glass-Nd super 3 super plus lasers. 04 p0632 A67-14927
Point defect electron scattering in beryllium. 07 p1209 A67-19643
- VAN TRAN, N.**
Nonlinear optical properties of tellurium /Proprietes optiques non lineaires du tellure/. 20 p3507 A67-36324
- VAN TRONG, N.**
Electron recombination in an argon plasma at atmospheric pressure in the vicinity of 10,000 deg K /Recombinaison electronique dans un plasma d'argon, sous la pression atmospherique et au voisinage de 10,000 deg K/. 09 p1550 A67-22584
Study of the electron recombination of hydrogen in an azimuthal pinch following the profile evolution of lines broadened by the Stark effect /Etude de la recombinaison electronique de l'hydrogene dans une striction azimutale en suivant l'evolution du profil des raies elargies par effet Stark/. 11 p1841 A67-24769
Determination of the temperature of a wire-explosion plasma /Determination de la temperature du plasma de l'explosion de fil/. 22 p3847 A67-39644
- VAN TUYL, A. H.**
Use of rational approximations in the calculation of flows past blunt bodies. 06 p0943 A67-18846
- VAN UITERT, L. G.**
Mechanisms of energy transfer involving trivalent Tb and Eu. 01 p0134 A67-10874
Dielectric and electro-optic properties of lead magnesium niobate. 11 p1803 A67-24834
A new and stable nonlinear optical material. 22 p3863 A67-40236
- VAN VORST, W. E.**
Utilization of lunar geothermal emissions for rocket propellants and life support. [AIAA PAPER 67-903] 24 p4165 A67-43011
- VAN VYONG, N.**
On the stability of motion in a certain critical case. 15 p2518 A67-29695
- VAN WAGNER, F. R.**
Reliable decisions from unreliable measurements. 12 p1949 A67-25524
- VAN WOERDEN, H.**
Computer analysis of observed distributions into Gaussian components. 06 p0965 A67-18069
- VAN WYCKHOUSE, J. F.**
The helicopter rotor at high Mach numbers. [AHS PAPER 102] 16 p2595 A67-31819
- VAN ZANDT, T. E.**
Progress in ionospheric radio. 05 p0795 A67-16010
- VAN ZYL, B.**
Electron impact dissociation of H sub 2 super plus. 09 p1535 A67-22377
Lyman-alpha radiation resulting from ion collisions with molecular gases. 17 p2889 A67-33224
- VAN, G.-K.**
Polygonization in a silicon single crystal. 05 p0862 A67-16503
- VANASSE, G. A.**
Real time Fourier transform synthesizer. 20 p3437 A67-36341
- VANCE, D. A.**
Low solar absorptance surfaces with controlled emittance - A second generation of thermal control coatings. [AIAA PAPER 67-343] 12 p1959 A67-26057
- VANCE, E. F.**
A rocket-borne electrostatic field strength meter. 01 p0074 A67-11126
- VAND, V.**
Application of a Fourier data smoothing technique to the meteoritic crater Ries Kessel. 11 p1864 A67-24559
Electron-excited fluorescence of serpentines. 17 p2852 A67-33239
Cathodoluminescence device for rapid identification of phase assemblages. 21 p3630 A67-38848
- VANDAKUROV, IU. V.**
Magnetohydrodynamic instabilities during electrical explosion. 01 p0126 A67-11296
Stability of a plasma cylinder in a time-dependent magnetic field /Ustoiichivost' plazmennogo tsilindra v zavislashedchem ot vremeni magnitnogo pole/. 04 p0671 A67-15643
- On the stability of a pulsating plasma cylinder. 11 p1832 A67-24154
- VANDE VEGTE, J.**
Triple-input describing functions and the stability analysis of forced nonlinear control systems. 16 p2650 A67-31673
- VANDENPLAS, P. E.**
Theory and experiments of the enhanced radiation from a plasma-coated antenna. 07 p1153 A67-19611
Microwave resonance measurements of average densities /Izmerenie srednei plotnosti plazmy s pomoshch'yu mikrovolnovogo rezonansa/. 17 p2896 A67-32163
Nonlinear resonance effect at high power in a cylindrical plasma. 21 p3666 A67-38354
Damping of temperature resonances in a bounded plasma. 22 p3845 A67-39482
Strongly enhanced radiation displayed by an antenna wrapped in a dielectric sheath and a plasma layer /Rayonnement fortement accru presente par une antenne enrobee d'une gaine dielectrique et d'une couche de plasma/. 24 p4121 A67-42266
- VANDER LUGT, A.**
The effects of small displacements of spatial filters. 17 p2862 A67-33295
- VANDER STOEP, D. R.**
Bounds on the optimal performance of pulse controlled linear systems. 16 p2650 A67-31671
- VANDER VEEN, A. A.**
Venus swingbys for manned Mars missions during the 1978-1986 period. [AAS PAPER 66-125] 13 p2209 A67-27538
- VANDER VORST, A. S.**
The use of degenerate parametric amplifiers in interferometry. 02 p0240 A67-11622
- VANDER WEYDEN, A. J.**
Snapshot - The first space test of a reactor power unit. 16 p2701 A67-30638
- VANDERGRAFT, J. S.**
Newton's method for convex operators in partially ordered spaces. 23 p4023 A67-40863
- VANDERSCHMIDT, G. F.**
The Gemini carbon dioxide sensor. 05 p0806 A67-16549
- VANDERSLICE, J. T.**
Excitation and photon emission rates of the auroral nitrogen first positive group. 10 p1650 A67-23338
- VANDERVEEN, A. A.**
Venus swingbys for manned Mars missions during the 1978-1986 period. [AAS PAPER 66-125] 07 p1254 A67-19984
- VANDEVYVER, M.**
Low-temperature thermal conductivity of fast-neutron-irradiated silicon and germanium. 11 p1849 A67-24899
Low-temperature thermal conductivity of fast neutron-irradiated silicon and germanium. 17 p2919 A67-32855
- VANDEWARKER, R.**
Low spatial frequency holograms of solid objects. 09 p1493 A67-21572
- VANDYKE, P.**
Nonlinear influence coefficients for a spherical shell with pressure loading. 01 p0164 A67-11178
Tension shell as a membrane. 04 p0709 A67-14843
Stresses in a cylindrical shell with a rigid inclusion. [AIAA PAPER 66-525] 05 p0924 A67-17351
- VANE, A. B.**
The achievement of high efficiency in Gunn effect devices. 10 p1616 A67-23535
- VANECHO, J. A.**
Short-time tensile and long-time creep-rupture properties of the HK-40 alloy and type 310 stainless steel at temperatures to 2000 deg F. [ASME PAPER 66-WA/MET-2] 04 p0639 A67-15344
The short-time tensile and long-time creep-rupture properties of the HF and HH alloys. [ASTM PAPER 52] 18 p3068 A67-34582
- VANHAECHT, J.**
Study in the turbulent regime of the limit flux of diffusion on the surface of a rotating ring electrode /Etude en regime turbulent du flux limite de diffusion a la surface d'une electrode a anneau tournant/. 24 p4146 A67-43112
- VANIAN, L. L.**
Alfven velocity distribution in the magnetosphere /K voprosu o raspredelenii alfvenovskoi skorosti v

- magnitosfere/. 05 p0795 A67-16062
Influence of local geoelectric conditions on the sudden commencement of magnetic storms. 07 p1174 A67-19712
Alfven velocity in the magnetosphere in the light of new data on the concentration of a cold plasma /Al'venovskaya skorost' v magnitosfere v svete novykh dannykh o kontsentratsii kholodnoi plazmy/. 17 p2899 A67-32256
Magnetosonic resonances in the exosphere /K voprosu o magnitovukovykh rezonansakh v ekzosfere/. 18 p3042 A67-34389
Alfven velocity distribution in the magnetosphere. 21 p3616 A67-37849
- VANICA, D. F.**
Multiple exhaust nozzles for nuclear rocket engines. [AIAA PAPER 66-925] 03 p0466 A67-14135
Multiple exhaust nozzles for advanced nuclear rocket engines. 22 p3834 A67-40160
- VANIER, J.**
Relaxation in the level F equals 1 of the ground state of hydrogen - Application to the hydrogen maser. 05 p0817 A67-16635
Experiments on the interaction of Lyman alpha radiation and atomic hydrogen. 05 p0848 A67-16795
- VANIUKOV, M. P.**
Study of a compound-cavity laser. 17 p2868 A67-32661
Two-channel single-pulse neodymium glass laser with a power of 180 joules /Dvukhkanal'nyi monolimpul'snyi opticheskii kvantovyi generator na neodimovom stekle s energiei 180 dzh/. 19 p3239 A67-34986
- VANIURIKHIN, G. I.**
Designing nonstationary automatic control systems by the "frozen" reaction method. 20 p3410 A67-37235
- VANKE, V. A.**
Statistical properties of the output signal of an electron-beam quadrupole amplifier of the quasi-degenerate type. 05 p0765 A67-17162
- VANKO, V. I.**
Longitudinal bending and buckling /Prodol'nyi izgib i vypuchivanie/. 15 p2577 A67-30184
- VANKOUGHNETT, A. L.**
Infinite planar and collinear arrays of cylindrical antennas. 22 p3769 A67-39629
- VANLANDINGHAM, S. L.**
Electron microscopy of biological-like structures in the Orgueil carbonaceous meteorite. 13 p2210 A67-27583
- VANLEUGENHAGHE, C.**
Certain aspects of fuel cells /Quelques aspects des piles a combustible/. 14 p2253 A67-29025
- VANNIKOV, A. V.**
Hole mobility in the films of organic polymer semiconductors /Podvizhnost' dyrok v plenkakh organicheskikh polimernykh poluprovodnikov/. 15 p2537 A67-29703
Effect of ionizing radiation on the electrical and paramagnetic properties of organic polyvinyl-acetate-based semiconductors /Vlianie ioniziruiushchego izlucheniia na elektricheskie i paramagnitnye svoystva organicheskikh poluprovodnikov na osnove polivinilatsetata/. 18 p3099 A67-33694
Mobility of holes in films of organic polymer semiconductors. 24 p4199 A67-41773
- VANNUCCHI, G.**
Calculation of intermodulation noise for the case where the distortion is variable with frequency /Calcolo del rumore d'intermodulazione per distorsione variabile con la frequenza/. 13 p2070 A67-27195
- VANPEE, M.**
A fundamental model of hypergolic ignition in space-ambient engines. [AIAA PAPER 66-950] 02 p0302 A67-12284
Spectrophotometric study of premixed trimethylaluminum-oxygen flames. 18 p3109 A67-33840
Development of a fundamental model of hypergolic ignition in space-ambient engines. 19 p3311 A67-35744
- VANROYEN, J. J.**
The Kanigen treatment of large parts /Le traitement Kanigen des pieces de grandes dimensions/. 14 p2324 A67-28609
- VANSANT, J. H.**
Convection heat transfer for turbulent flow in subsonic diffusers. [ASME PAPER 65-HT-64] 03 p0352 A67-14010
- VANSCHOOR, G.**
Resolution of some problems posed by the development of 800-mm diameter solid propellants /Resolution de quelques problemes poses par la realisation des propulseurs a poudre de diametre 800 m/m/. 16 p2736 A67-31617
- VANT VEER, F.**
Spectroscopic observations of sunspots. 13 p2203 A67-27425
- VANT-HULL, L.**
Disappearance of thermal magnetic fluctuations in a superconductor. 17 p2913 A67-32272
- VANVALKENBURG, J. A.**
Implementation of air data computers with solid state transducing and computing techniques. 01 p0029 A67-10667
- VANYSEK, V.**
Irregularities in the motion of comet Halley in 1910 and its physical behavior. 23 p4065 A67-41001
- VANZANDT, T. E.**
Diffusive equilibrium in the topside equatorial ionosphere. 06 p0997 A67-18697
Observations of conjugate ducting by the fixed-frequency topside-sounder satellite. 06 p0997 A67-18699
- VAPAILLE, A.**
Conductivity of gold-doped silicon /Conductivite du silicium dope a l'or/. 01 p0134 A67-10754
- VAPENIK, Z.**
Data processing methods for experimental research on axial compressors /Metoda vyhodnocvani vysledku mereni pri eksperimental'nom vyzkumu axialnykh kompressoru/. 09 p1438 A67-22456
- VAPNIARSKII, I. B.**
Solution of some optimal control problems. 20 p3477 A67-37035
- VARAIYA, P.**
The minimal realization of a nonanticipative impulse response matrix. 16 p2697 A67-31426
- VARAIYA, P. P.**
Bounded-input bounded-output stability of nonlinear time-varying differential systems. 04 p0594 A67-15877
Normal form and stability of a class of coupled nonlinear networks. 10 p1618 A67-22703
Nonlinear programming in Banach space. 13 p2147 A67-27453
Bounded-input bounded-output stability of nonlinear time-varying discrete control systems. 24 p4135 A67-42183
- VARANASI, P.**
Simplified procedures for estimating band and total emissivities of polyatomic molecules. 18 p3152 A67-33817
- VARDANIAN, V. A.**
Stabilization of a hollow jet by a uniform magnetic field /K voprosu o stabilizatsii poloi strui odnorodnym magnitnym polem/. 13 p2169 A67-27314
- VARDI, J.**
Radiation from and conduction within a finite cylinder with a distributed electromagnetic heat source. [AICHE PAPER 16] 20 p3552 A67-36829
- VARDUMIAN, D. T.**
Study of the nuclear-active component of cosmic rays /Ob issledovanii laderno-aktivnoi komponenty kosmicheskikh luchei/. 12 p1947 A67-26095
Dependence of the cross section of nuclear interaction on the atomic weight of the material /K voprosu o zavisimosti secheniia ladernogo vzaimodeistviia ot atomnogo vesa veshchestva/. 24 p4219 A67-42847
- VARDYA, M. S.**
Pressure dissociation and the hydrogen molecular ion. 04 p0697 A67-14807
- VAREKH, N. V.**
Certain properties of the solutions of second-order nonlinear nonautonomous ordinary differential equations /O nekotorykh svoystvakh reshenii nelineinykh neavtonomnykh obyknovennykh differentsial'nykh uravnenii vtorogo poriadka/. 17 p2879 A67-32884
- VARENE, P.**
Dynamic ventilatory work during muscular exertion at an altitude of 2000 m /Le travail dynamique ventilatoire au cours de l'exercice musculaire a 2.000 d'altitude/. 04 p0561 A67-14631
Transfer function of the ventilatory mechanical system /La fonction de transfert du systeme mecanique ventilatoire/. 17 p2807 A67-32238
- VARGA, J.**
Contribution to the investigation of the intensity of cavitation erosion. 14 p2295 A67-27869
Cavitation noise spectrum and cavitation damage. 14 p2295 A67-27870
- VARGA, P.**
Dependence of non-classical electron emission from metals on the direction of polarisation of laser beams. 06 p1012 A67-18759
- VARGA, R. J.**
Space dynamic simulation testing of a lunar landing type Doppler radar system. 02 p0205 A67-12412
- VARLEY, E.**
The propagation of high frequency, finite acceleration pulses and shocks in viscoelastic materials. 09 p1573 A67-21547
- VARLI, K. V.**
The anomalous change in the X-ray interference pattern on the ageing of nickel-beryllium alloys. 19 p3245 A67-35471
- VARMA, R. K.**
Approximate equations for plasmas in mirror machines. 16 p2714 A67-30875
Flute instability in mirror machines at very low densities. 16 p2714 A67-30876
- VARNASAVANG, V.**
Nighttime F sub 2 layer at the equator. 11 p1784 A67-23935
- VARNER, J. E.**
Extraterrestrial life detection based on oxygen isotope exchange reactions. 09 p1454 A67-22015
Extraterrestrial life detection by means of isotopic oxygen exchange. 15 p2426 A67-29113
- VARON, D.**
Some properties and limitations of electronically steerable phased array antennas. 24 p4130 A67-42339
- VARSHALOVICH, D. A.**
Coherent amplification of radio emission in a cosmic medium. 01 p0144 A67-10836
- VARSHAVERSKII, G. A.**
Analysis of the characteristics of a single-circuit space power installation with a thermoelectric converter /Analiz kharakteristik odnokonturnoi kosmicheskoi energoustanovki s termoelektricheskimi preobrazovatelem/. 10 p1596 A67-23019
Some two-dimensional heat-conduction problems with mixed boundary conditions. 16 p2779 A67-31206
- VARSHNEYA, N. C.**
The effect of a solar eclipse on atmospheric potential gradients. 10 p1651 A67-23347
- VARSINI, Y. P.**
Band-to-band radiative recombination in groups IV, VI, and III-V semiconductors. 09 p1558 A67-22601
Band-to-band radiative recombination in groups IV, VI, and III-V semiconductors. II. 12 p1979 A67-25177
- VARTANIAN, IU. L.**
Model of an expanding superdense cosmical object. 18 p3133 A67-34433
- VARTANIAN, T. G.**
Initiation of showers in thin plates by pions and protons with momenta from 0.1 to 20 Bev/c. 02 p0312 A67-12610
- VARVAK, A. P.**
Effect of an elastic filler on the stability of a cylindrical shell - Axisymmetric problem /Vlianie uprugogo zapolnitelia na ustoiichivost' tsilindricheskoi obolochki - Osesimmetrichnaia zadacha/. 12 p2023 A67-25592
Loss of axisymmetrical stability in cylindrical shells with a filler /Osesimmetrichnaia poteria ustoiichivosti tsilindricheskikh obolochek s zapolnitelem/. 12 p2031 A67-25958
- VARVAK, O. P.**
Stability problem of a cylindrical shell with an initial flexure /Do zadachi stivkostii tsilindrichnoi obolochki z pochatkovoi proginoi/. 22 p3912 A67-39685
- VARWIG, R. L.**
A 7-ft-diam shock tube for transonic and supersonic aerodynamic testing. 04 p0598 A67-15254
- VAS, I. E.**
The N-4 hypersonic low density facility and some preliminary results on a sharp flat plate. 14 p2293 A67-28166
- VASALOS, I. A.**
Radiative transfer in anisotropically scattering media - Allowance for Fresnel reflection at the boundaries.

- [ASME PAPER 67-HT-19] 20 p3545 A67-36714
VASANOV, I. U. A.
 Radiative capacity of a toothed surface - A study of a radiating system with finned tubes /Izluhatel'naia sposobnost' zubchatoi poverkhnosti - Issledovanie izluhatel'noi sistemy s orebrennyimi trubkami/. 16 p2778 A67-30714
- VASANTHA, S. S.**
 Laminar boundary layer on a flat plate at high Prandtl number. 01 p0052 A67-10795
- VASAVADA, K. V.**
 Perturbed bound-state poles in potential scattering. II. 02 p0270 A67-12637
 Radius of the nucleon in a bound-state model. 06 p1036 A67-18368
 Is the nucleon a pl N bound state/ques/. 11 p1822 A67-23978
 Scattering of electrons from H sub 2 super plus - The method of polarized single-center orbitals. 20 p3491 A67-37689
- VASETSKII, V. M.**
 Piezoresistance on p-germanium /Piezowiderstand von P-Germanium/. 07 p1233 A67-19644
- VASHEKVICHIUS, R.**
 Hall effect in hole-type germanium in strong electric fields /Effekt Kholla v dyrochnom germanii v sil'nykh elektricheskikh polakh/. 08 p1369 A67-20993
- VASHKOV, V. I.**
 Methods for spacecraft sterilization. 15 p2430 A67-29100
 Efficiency of sterilization by making use of ethylene oxide and methyl bromide mixture. 15 p2430 A67-29101
 Imparting antimicrobial properties to various materials. 19 p3179 A67-35229
- VASHKOVIAK, M. A.**
 Some characteristics of trajectories with the apogee beyond the earth's range of influence /Nekotorye kharakteristiki traektorii s apogeem vne sfery deistviia zemli/. 17 p2941 A67-32239
- VASICEK, A.**
 Problem of measuring the thickness and optical constant of thin films /Zum Problem der Messung der dicke und der optischen Konstanten duenner Schichten/. 02 p0288 A67-11721
- VASILE, N.**
 The importance of the carotidogram in the study of left ventricular ejection /Interet du carotidogramme dans l'etude de l'ejection ventriculaire gauche/. 04 p0561 A67-14626
- VASILENKO, A. T.**
 Stressed state of antisymmetrically loaded shells of revolution /Napriazhennoe sostoianie antisimmetrichno nagruzhennykh obolochek vrashcheniia/. 10 p1720 A67-23603
- VASILENKO, B. T.**
 Current heating of plasma in a closed magnetic trap /Tokovyi nagrev plazmy v zamknuoi magnitnoi lovushke/. 16 p2717 A67-31186
- VASILENKO, V. P.**
 Contribution to the theory of single-rotor correctable gyrocompasses /K teorii odnorotornykh korrektruiemykh girokompasov/. 15 p2490 A67-30170
- VASILESCU, AL. A.**
 Velocity distributions in circular ducts with smooth and rough walls /Sur la distribution des vitesses dans les conduites circulaires aux parois lisses et rugueuses/. 20 p3419 A67-36276
- VASILEV, A. M.**
 Influence of an internal field on diffusion in semiconductors. 05 p0861 A67-16397
 Efficiency of thermophotovoltaic conversion /K.P.D. termofotoelektricheskogo preobrazovaiia/. 16 p2609 A67-31398
- VASILEV, A. P.**
 Theory of radiation transfer in a plasma /K teorii perenosa izlucheniia v plazme/. 03 p0483 A67-13837
 Theory of radiation transfer in a plasma. 13 p2172 A67-27716
- VASILEV, A. S.**
 Turbulent flow in a plane perpendicular to a magnetic field /Turbulentnoe techenie v ploskosti, perpendikullarnoi magnitnomu polu/. 06 p1044 A67-18678
 Flow of conductive fluid in circular pipes within a transverse magnetic field /Techenie provodlashchei zhidkosti v kruglykh trubakh v poperechnom magnitnom pole/. 20 p3501 A67-37304
- VASILEV, B. N.**
 Solar X-ray emission measurements with onboard devices of space stations /Izmerenie rentgenovskogo izlucheniia solntsa s pomoshch'iu apparatury, ustanavlivaemoi na kosmicheskikh stantsiakh/. 02 p0240 A67-11544
 Measurement of solar X-rays with equipment carried by space probes. 16 p2677 A67-31610
- VASILEV, G. V.**
 Compact ionospheric station for fixed frequencies /Malogabaritnaia ionosfernaia stantsiia /MIS/ na fiksirovannykh chastotakh/. 21 p3586 A67-39047
- VASILEV, I. U. N.**
 Theory of a supersonic gas ejector with a cylindrical mixing chamber /Teoriia sverkhzvukovogo gazovogo ezhektora s tsilindricheskoii kameroi smesheniia/. 20 p3358 A67-37085
- VASILEV, K. N.**
 Continuous recording of the minimum virtual heights of ionospheric layers. 13 p2119 A67-26562
 Geomagnetic effect in vertical drifts of ionization in the F region of the ionosphere /Geomagnitnyi effekt v vertikal'nykh peremeshcheniakh ionizatsii v oblasti F ionosfery/. 16 p2668 A67-31894
- VASILEV, L. A.**
 Application of an interferometer with a diffraction grating to the investigation of flows past models in a shock tube /Primenenie interferometra s difraktsionnoi reshetkoi dlia issledovaniia obtekanii modelei v udarnoi trube/. 24 p4158 A67-42723
- VASILEV, L. E.**
 Nonaxisymmetric nose section of bodies of revolution, having a minimum drag at high supersonic flight speeds /Neosesimmetrichnye nosovye chasti tel vrashcheniia, obladaiushchie minimal'nyim soprotivleniem davleniia pri bol'shikh sverkhzvukovykh skorostiakh poleta/. 06 p0936 A67-17737
- VASILEV, L. V.**
 Elastoplastic properties of a number of metals exposed to explosive shock loading. 10 p1668 A67-23092
- VASILEV, M. IA.**
 Impact initiation of an explosion. 06 p1112 A67-17955
- VASILEV, M. P.**
 Plasma heating by a high-amplitude fast magnetosonic wave /Nagrev plazmy bystroii magnitozvukovoi volnoi bol'shoi amplitudoi/. 21 p3669 A67-38678
- VASILEV, O. B.**
 Dependence of star vibration on the zenith distance /O zavisimosti drozhanii zvezd ot zenitnogo rasstoianii/. 02 p0261 A67-11988
 Automatic and semiautomatic devices for measuring the scintillation of stars from their traces /Avtomaticheskie i poluavtomaticheskie pribory dlia izmereniia drozhanii zvezd po ikh sledam/. 02 p0242 A67-11994
- VASILEV, O. V.**
 Gradient method for solving a class of optimum control problems /Gradientnyi metod resheniia odnogo klassa zadach optimal'nogo regulirovaniia/. 09 p1482 A67-21871
- VASILEV, P. V.**
 Data on the condition of the cosmonauts during the flight of the spacecraft Voskhod /Nekotorye dannye o sostoianii kosmonavtov vo vremia poleta kosmicheskogo korablia "Voskhod"/. 02 p0185 A67-11545
 Problem of pharmacology in space medicine /Problema farmakologii v kosmicheskoi meditsine/. 02 p0185 A67-12320
 Some reactions of the cardiovascular and respiratory systems of cosmonauts during the Voskhod-2 orbital flight /Nekotorye reaktssii serdечно-sosudistoi i dykhatel'noi sistem kosmonavtov v orbital'nom poete na kosmicheskom korable "Voskhod-2"/. 09 p1454 A67-22384
 Physiological reactions of man to the effect of overload during space flight /Fiziologicheskie reaktssii cheloveka pri vozdeistvii peregruzok vo vremia kosmicheskikh poletov/. 16 p2610 A67-30752
 Some data on the condition of cosmonauts during the flight of the "Voskhod" spaceship. 16 p2614 A67-31611
 Pharmacological aspects of space medicine /Problema farmakologii v kosmicheskoi meditsine/. 20 p3367 A67-36254
 On the reactivity of animals to caffeine and strychnine during transverse acceleration aftereffects /O reaktivnosti zhivotnykh k kofeinu i strikhninu v period posledeistviia poperechnopravennykh peregruzok/. 24 p4111 A67-41850
- VASILEV, S. V.**
 Experimental apparatus for studying MHD phenomena in the channels of linear induction pumps /Eksperimental'naia ustanovka dlia issledovaniia magnitogidrodinamicheskikh javlenii v kanalakh lineinykh induktsionnykh nasosov/. 04 p0670 A67-15521
- VASILEV, V. B.**
 Optimum microwave filters with an even number of sections. 10 p1613 A67-23444
- VASILEV, V. D.**
 Formation temperatures for evaporated epitaxial germanium films. 06 p1046 A67-17551
- VASILEV, V. F.**
 Experimental investigation of a direct current MHD generator /Eksperimental'noe issledovanie MGD-generatora postoiannogo toka/. 13 p2056 A67-27315
- VASILEV, V. G.**
 Invariant measuring system /Invariantnaa vimiriual'naa sistema/. 13 p2088 A67-27021
 The posing of certain improper problems of mathematical physics. 16 p2698 A67-31736
- VASILEV, V. I.**
 Passage of plasmoids through longitudinal magnetic fields /Prokhozhdenie plazmennyykh sgustkov cherez prodol'nye magnitnye polia/. 19 p3288 A67-35364
 Description of visual images by spectral redistribution functions /Opis vizual'nykh zobrazen' funktsiiami pererazpodilu spektra/. 21 p3605 A67-39114
- VASILEV, V. P.**
 Investigation of the thermodynamic properties of gallium arsenide by the electromotive force method /Issledovanie termodinamicheskikh svoistv arsenida galliia metodom elektrodvishushchikh sil/. 03 p0498 A67-13840
- VASILEV, V. V.**
 Bending of a rectangular plate beyond the elastic limit /K izgibu priamougol'noi plastinki za predelom uprugosti/. 11 p1879 A67-24886
 Bending and torsion of cylindrical shells made of fiberglass-reinforced plastics under the action of internal pressure /Izgib i kruchenie tsilindricheskikh obolochek iz stekloplastika pri deistvii vnutrennego davleniia/. 21 p3725 A67-38795
- VASILEVA, A. B.**
 The asymptotic form of the solution to the Cauchy problem for an integro-differential equation with a small parameter. 08 p1348 A67-21152
 Integral perturbations of differential equations with rapidly oscillating solutions. 15 p2509 A67-29232
- VASILEVA, E. V.**
 Structure and certain properties of niobium-tantalum alloys, containing tungsten and molybdenum /Struktura i nekotorye svoistva sployv nioblia s tantalom, soderzhashchikh vol'fram i molibden/. 05 p0831 A67-17503
 Structure and mechanical properties of alloys in the niobium-vanadium-titanium system /Struktura i mekhanicheskie svoistva sployv sistemy Nb-V-Ti/. 05 p0831 A67-17505
 Structure and some properties of niobium-tantalum alloys containing tungsten and molybdenum. 21 p3644 A67-38030
 Structure and mechanical properties of Nb-V-Ti alloys. 21 p3644 A67-38033
 Principle of high-temperature alloying /Printsip zharoprochnogo legirovaniia/. 22 p3818 A67-39319
- VASILEVA, I. A.**
 Arc in a gas flowing through a magnetic field /Duga v potoke gaza pri nallchii magnitnogo polia/. 09 p1543 A67-21824
 Electric arc in ionized and nonionized gas flows /Elektricheskaiia duga v potoke ionizovannogo i nelonizovannogo gaza/. 16 p2712 A67-30547
- VASILEVA, R. V.**
 Probe measurements in a shock tube /Zondovye izmereniia v udarnoi trube/. 16 p2673 A67-31110
 Electrical conductivity measurements in a shock tube by the induction method /Izmerenie elektroprovodnosti v udarnoi trube induktsionnym metodom/. 16 p2673 A67-31111

- MHD effect in a shock tube /MGD-effekty v udarnoi trube/. 16 p2715 A67-31112
- VASILEVA, S.**
Method for determining the direction of incoming atmospheric radio noise during morning hours /Metod za opredeliane posokata na pristigane na atmosfernite radioshumshchenia prez utrinnite chasove/. 04 p0618 A67-15575
- VASILEVSKAIA, E. G.**
Space and the problem of world peace /Kosmos i problema vseobshchego mira/. 03 p0538 A67-13200
- VASILEVSKAIA, M. M.**
Aging of Fe-Ni-Ti-alloys in the process of reverse martensitic alpha greater than gamma transformation /Starenie splavov Fe-Ni-Ti V protsesse obratnogo martensitnogo prevrashchenia alpha greater than gamma/. 22 p3820 A67-39824
- VASILEVSKAIA, S. K.**
High-frequency sources for high voltage /Vysokochastotnye istochniki vysokogo napriazhenia/. 05 p0780 A67-17499
- VASILISHIN, S. A.**
Investigation of the oscillations of nonlinear systems with distributed parameters in the case of random disturbances /Issledovanie kolebanii nelineynykh sistem s raspredelennymi parametrami pri sluchainykh vozmushcheniakh/. 15 p2517 A67-29658
- Construction of asymptotic solutions for quasi-linear partial differential equations with a time lag /O postroenii asimptoticheskikh reshenii dlia kvaziliniynykh differentsial'nykh uravnenii v chastnykh proizvodnykh s zapazdyvaniem po vremeni/. 19 p3251 A67-36050
- VASILKEVICH, I. V.**
Generalized analysis of a single-stage amplifier with a combined feedback operating on a complex load /Obobshchennyi analiz odnokaskadnogo usilitella s kombinirovannoi obratnoi svyaz'iu, rabotaiushchego na kompleksnuiu nagruzku/. 14 p2283 A67-28276
- VASILKOVSKAIA, A. S.**
Electric field intensity distribution over the length of a longitudinally blown arc in a DC plasmatron /Raspreделение napriazhennosti elektricheskogo polia po dline prodol'no-obduvaemol dugi v plazmotrone postoiannogo toka/. 11 p1843 A67-24972
- VASILKOVSKII, D. N.**
Structural imperfections in epitaxial silicon layers /Strukturnye nesovershenstva v epitaksial'nykh plenkach kremniiia/. 21 p3681 A67-38359
- VASILOS, T.**
Effect of microstructure on creep mechanisms in ceramics. 03 p0449 A67-13304
- VASIN, R. A.**
Form of the hardening function in flow theory /O vide funktsii uprochneniia v teorii techeniia/. 20 p3539 A67-36921
- VASINA, P.**
Measurement of the Hall constant by an alternating method on plates of arbitrary shape /Mereni Hallovy konstanty stridavou metodou na destickach libovolnoho tvaru/. 06 p1005 A67-18727
- VASIU, M.**
On the dispersion equation of a radioactive plasma with a finite electrical conductance /Asupra ecuatiei de dispersie a unei plazme radiative cu conductivitate electrica finita/. 21 p3663 A67-37918
- VASIUK, G. I.**
Reconstitution by discrete sampling of a signal represented by a segment of a function with a limited spectrum /Vosstanovlenie signala, vyrazhennogo otrezkom funktsii s ogranichenym spektrom, po diskretnym otchetam/. 13 p2069 A67-27040
- VASIUKEVICH, P. V.**
Approximate allowance for the variation in the electrical conductivity of the gas in vortical magneto-gas-dynamic flow. 09 p1544 A67-21860
- Channel profiles for producing vortex flows in weakly ionized gases in transverse magnetic fields. 12 p1977 A67-26076
- VASKIN, V. V.**
Effect of an internal electric field on the simultaneous diffusion of impurities in semiconductors /Vlianie vnutrennego elektricheskogo polia na odnovremennuiu diffuziiu primesel v poluprovodnikakh/. 05 p0867 A67-17051
- Effect of an internal electric field on simultaneous diffusion of impurities in semiconductors. 15 p2537 A67-29782
- VASKOV, V. V.**
Perturbation of charged-particle density at large distances from a body moving rapidly in a plasma in the presence of a magnetic field. 03 p0475 A67-12939
- Perturbation of a plasma behind a rapidly moving body in a magnetic field /Vozmushchenie plazmy za bystro dvizhushchimsia telom v magnitnom pole/. 05 p0855 A67-17139
- Plasma disturbance behind a body moving rapidly in a magnetic field. 21 p3668 A67-38481
- VASLET, R.**
Amorphous whiskers of a cobalt-gold alloy. 01 p0135 A67-10895
- VASQUES, T.**
Apollo ships steering system for precision track-keeping. 16 p2701 A67-31659
- VASSELL, M. O.**
Intervalley scattering rate and high-field electron distributions in GaAs. 06 p1067 A67-18963
- Variation of drift velocity with field in GaAs. 07 p1232 A67-19561
- Effect of nonparabolicity on drift velocity in GaAs. 21 p3680 A67-38348
- VASSEUR, G.**
Method of experimental determination of the equilibrium parameters in the F layer of the day ionosphere /Sur une methode de determination experimentale des parametres de l'equilibre dans la couche F de l'ionosphere diurne/. 13 p2115 A67-27211
- VASSEUR, J.**
Television system for the analysis and transmission of spark-chamber pictures /Systeme de television pour l'analyse et la transmission d'images de chambres a etincelles/. 21 p3599 A67-38655
- VASSEUR, J. P.**
Integrated MOS analog gate for space telemetry switches /Porte analogique integree a MOS pour commutateur de telemesures spatiales/. 21 p3592 A67-38227
- VASSEUR, P.**
Prospects offered by thin-film solar cells for space applications /Perspectives offertes par les cellules solaires en couches minces pour les applications spatiales/. 08 p1285 A67-20736
- VASSILEVA, G. IA.**
Photoelectric photometry of solar granulation in several regions of the continuum. 10 p1711 A67-23796
- VASSILEVA, S.**
First results of whistler observations in Bulgaria. 14 p2307 A67-27914
- VASSY, A.**
Vertical distribution of ozone as determined by rocket /Repartition verticale de l'ozone obtenue en fusée/. 02 p0238 A67-12065
- Relations between night-time luminosity and the presence of sporadic E and spread F. [AGARDOGRAPH 95] 15 p2485 A67-30308
- VASSY, E.**
Geographical distribution of total electron content dependence on geomagnetic activity. [RASSA PAPER 1-10-125] 03 p0416 A67-14236
- Physics of the Atmosphere. Volume 3 - Absorption and Diffusion Phenomena in the Atmosphere /Physique de l'Atmosphere. Volume 3 - Phenomenes d'Absorption et de Diffusion dans l'Atmosphere/. 06 p0998 A67-18718
- VASUDEVA, B. R.**
Boundary-layer instability experiment with localized disturbance. 23 p3991 A67-41175
- VASVARI, B.**
Electronic structure of Ca, Sr, and Ba under pressure. 10 p1682 A67-23399
- VATAZHIN, A. B.**
Development of magnetohydrodynamic boundary layers associated with the sudden initiation or deceleration of a supersonic flow at the boundary of a half-space. 04 p0665 A67-15178
- Electrical characteristics of a channel with end electrodes, taking into account the near-electrode potential drop /Elektricheskie kharakteristiki kanala s konechnymi elektrodami pri uchete priektrodnogo padeniia potentsiala/. 06 p1045 A67-18812
- Deformation of the velocity profile in an inhomogeneous magnetic field /O deformatsii profilia skorosti v neodnorodnom magnitnom pole/. 10 p1686 A67-23670
- Electric fields in magnetohydrodynamic channels in the presence of electrode potential drop. 11 p1840 A67-24671
- Deformation of the velocity profile in an inhomogeneous magnetic field. 21 p3666 A67-38271
- VATIN, I. M.**
Magnetic current-pulse generators. 10 p1613 A67-23449
- VATSKICHEV, L.**
Thermocouple with increased sensitivity in the 300-to-450 deg K range /Termopara s povyshennoi chuvstvitel'nost'iu v intervalle 300-450 deg K/. 11 p1793 A67-24866
- VATSLAVIK, IA.**
Quasilinear transformation of waves in an inhomogeneous plasma and nonlinear effects. 06 p1038 A67-17759
- VATULOV, V. N.**
Certain effects of the interaction between a ruby laser beam and "transparent" crystals /Nekotorye efekty vzaimodeistvia puchka rubinovogo lazera s "prozrachnymi" kristallami/. 03 p0435 A67-13128
- VATULOV, V. M.**
Self-focusing of light in NaCl crystals /Samofokusuvannia svitla v kristallakh NaCl/. 02 p0252 A67-12481
- Thermal effects during interaction of a ruby-laser beam with "transparent" crystals /Pro teplovi efekti pri vzaemodii puchka rubinovogo lazera z "prozorimi" kristallami/. 20 p3460 A67-37146
- VAUCHERET, X.**
Study of dynamic stability on aircraft mockups by the free-oscillation method /Stabilite dynamique sur maquettes d'avions par la methode des oscillations libres/. [ONERA-TP-390] 01 p0011 A67-11093
- VAUGE, C.**
Modulation of a helium-neon laser by a medium-power microwave beam /Modulation d'un laser a helium-neon par une onde hyper-frequence de puissance moyenne/. 01 p0088 A67-10260
- Electron-density and collision frequency of a helium-neon laser plasma /Densite et frequence de collision des electrons du plasma d'un laser a helium-neon/. 05 p0815 A67-16598
- VAUGHAN, D. R.**
Application of distributed parameter concepts to dynamic analysis and control of bending vibrations. 16 p2776 A67-31686
- VAUGHAN, O. H., JR.**
Prediction of the lunar thermal environment. 22 p3884 A67-39930
- VAUGHAN, P. E.**
Laboratory techniques for utilization of a shock synthesizer/analyzer. 12 p1942 A67-25693
- VAUGHAN, W. W.**
Serial completion of upper wind records. 09 p1525 A67-22691
- VAUGHN, R. L.**
Productibility aspects of aerospace products with regard to machinability. [ASTME PAPER WES-7-29] 11 p1798 A67-24257
- Advanced machining technology. 21 p3631 A67-38014
- VAUGHN, R. S.**
Estimating aircraft inertial navigator performance. 09 p1526 A67-22392
- VAULIN, E. P.**
Average diffusion cross-sections for elastic collisions of electrons with atoms. 09 p1534 A67-21864
- VAULINA, E. N.**
Chlorella on board Cosmos 110 /Khlorella na bortu "Kosmosa-110"/. 13 p2060 A67-27336
- VAUSE, D. D.**
Para-sail in USAF undergraduate pilot training. 23 p3967 A67-41609
- VAUTHIER, R.**
Utilization of the Doppler effect obtained by reflection of centimeter waves on a detonation front propagating in gas mixtures /Utilisation de l'effet Doppler obtenu par reflexion d'ondes centimetriques sur le front de la detonation se propageant dans des melanges gazeux/. 01 p0166 A67-10229
- Reflection of an electromagnetic wave on the front of a detonation wave in gaseous mixtures /Reflexion d'une onde electromagnetique sur le front d'onde de detonation dans les melanges gazeux/. 17 p2970 A67-32806

- VAVILOV, A. A.**
Nomograms for the analysis and synthesis of astatic automatic control systems /Nomogrammy dlia analiza i sinteza astaticheskikh sistem avtomaticheskogo upravleniya/. 10 p1621 A67-23851
- VAVILOV, V. S.**
Oscillations of optical absorption in CdS, occurring in strong electrical fields /Ostislitsil opticheskogo pogloshcheniya v CdS, voznikaushchie v sil'nykh elektricheskikh pol'kakh/. 01 p0127 A67-10070
Temperature dependence of the current-carrier mobility in GaAs crystals irradiated with fast electrons /Zavisimost' podvizhnosti nositelei toka ot temperatury v kristallakh GaAs, oblučennykh bystryml elektronami/. 04 p0679 A67-15140
Observation of the movement of electric domains in n-Ge having a partially compensated upper Au level. 08 p1367 A67-20411
Photovoltaic electromotive force of a p-n junction intensely illuminated in silicon /F.E.M. photovoltaïque d'une jonction p-n intensément illuminée dans le silicium/. 08 p1285 A67-20732
Optical absorption, photoconductivity and p-n junctions in cadmium telluride. 08 p1368 A67-20734
Oscillations of the optical absorption in CdS appearing in strong electric fields. 08 p1371 A67-21453
Investigation of the recombination properties of A-centers in silicon at helium temperatures /Issledovanie rekombinatsionnykh svoystv A-tsentrov v kremnii pri gellevykh temperaturakh/. 10 p1694 A67-23649
Dependence of carrier mobility on temperature in GaAs crystals irradiated by fast electrons. 12 p1979 A67-25163
Radiation type and energy dependence - Fundamental aspect - Application to devices. 17 p2919 A67-32858
Investigation of recombination properties of A centers in silicon at helium temperatures. 17 p2923 A67-33330
Carrier density in a semiconductor illuminated with a laser. 20 p3513 A67-37437
- VAVRA, J.**
Experimental verification of the mass-velocity relationship /Experimentalni provereni zavislosti hmoty na rychlosti/. 09 p1531 A67-21650
- VAZHENIN, I. N.**
Relation of critical frequency to emitter current for P-4 transistors. 14 p2289 A67-28824
- VCHERASHNII, R. I.**
Simulation of some special gyroscope types /O modelirovani nekotorykh tipov spetsial'nykh giroskopov/. 20 p3451 A67-37154
- VDOVIN, V. L.**
Electrical noises of the plasma of a steady-state HF-discharge in a magnetic field /Elektricheskie shumy plazmy statsionarnogo VC-h-razriada v magnitnom pole/. 04 p0671 A67-15640
The influence of plasma density on the results of spectroscopic electron temperature determination. 07 p1228 A67-19514
- VDOVKINA, E. E.**
Deep-lying energy levels in indium antimonide. 05 p0861 A67-16399
- VEAL, M. B.**
Aircraft/weapon compatibility - The tradeoffs. 15 p2418 A67-29397
- VECSEI, I.**
Displacement detector operating on the basis of the Hall effect /Hall-effektus alapjan mukodo elmozdulaserzekelo ado/. 21 p3626 A67-38159
- VED, I. U. A.**
Problem of the existence of solutions to differential and integrodifferential equations, possessing asymptotic parabolas /K voprosu sushchestvovaniya reshenii differentsial'nykh i integro-differentsial'nykh uravnenii, obladaiushchikh asimptoticheskimi parabolami/. 07 p1214 A67-19174
- VEDAM, R.**
Dynamics of coherent states. 17 p2870 A67-33316
- VEDANE, C. R.**
Analysis and projections of space vehicle automatic checkout and launch. 03 p0399 A67-14211
- VEDDER, J. F.**
Minor objects in the solar system. 07 p1246 A67-19054
- VEDEL, R.**
Development of the aspects of the EEG during a task of visual surveillance performed at night /Evolution des aspects E.E.G. au cours d'une tache de surveillance visuelle effectuee de nuit/. 04 p0561 A67-14627
- VEDENEV, O. V.**
Phenomenological characteristics of extensive air showers with a fixed number of muons and electrons /Fenomenologicheskie kharakteristiki shirokikh atmosferykh livnel s fiksirovannym chislom mu-mezonov i elektronov/. 02 p0318 A67-12777
Phenomenological characteristics of extensive air showers with a fixed number of muons and electrons. 22 p3877 A67-40279
Fluctuation of the energy fluxes of nuclear-active particles in the stem of an extensive air shower /Fluktuatsii potokov energii laderno-aktivnykh chastits v stvole shirokogo atmosfernogo livna/. 24 p4220 A67-42867
Investigation of the penetrating component of high-energy cosmic rays at depths from 20 to 40 mwe below the earth's surface /Issledovanie pronikaushchey komponenty kosmicheskogo izlucheniya vysokoi energii na glubinaх 20 i 40 m v.e. pod zemle/. 24 p4221 A67-42876
- VEDENOV, A. A.**
On one-dimensional weak plasma turbulence. 11 p1837 A67-24393
Effective conductivity of plasma in a magnetic field /Effektivnaya provodimost' plazmy v sil'nom magnitnom pole/. 16 p2711 A67-30539
Problems involved in using a hot-electron plasma in MHD generators /Problemy ispol'zovaniya plazmy s gorlachimi elektronami v MGD generatorakh/. 16 p2601 A67-30545
Theory of a weakly turbulent plasma. 20 p3492 A67-36131
- VEDERMAN, J.**
Clouds over the equatorial and tropical Pacific - An investigation based on Tiros satellite and jet aircraft observations. 24 p4181 A67-42667
- VEDRIGAN, V. E.**
Thermostability of the resonance frequency of spherical ferrite microwave resonators /O termostabil'nosti rezonansnoi chastoty sfericheskikh ferritovykh SVCh-rezonatorov/. 07 p1153 A67-19597
Resonance frequency thermostability of spherical ferrite microwave resonators. 20 p3401 A67-37336
- VEDULA, I. U. S.**
Binding energy of Cs atoms adsorbed on /110/ and /100/ faces of a tungsten crystal. 23 p4042 A67-41298
- VEDUTA, A. P.**
Temperature measurement of ruby laser rods during pumping from the variation in birefringence /Izmerenie temperatury rubinovyykh sterzhnei OKG vo vremia nakachki po izmeneniyu dvoynogo luchepreromleniya/. 15 p2499 A67-29721
- VEGENER, A. R.**
Design of tunnel diode oscillators from averaged characteristics /Raschet generatorov na tunnel'nykh diodakh po usrednennym kharakteristikam/. 16 p2637 A67-31028
- VEGOS, C. J.**
Physical constants as determined from radio tracking of the Ranger lunar probes. [AAS PAPER 66-105] 07 p1253 A67-19965
Physical constants as determined from radio tracking of the Ranger lunar probes. [AAS PAPER 66-105] 13 p2208 A67-27523
- VEIKO, V. P.**
Device for investigating the stability of a laser operating in the periodic mode /Ustanovka dlia issledovaniya stabil'nosti opticheskogo kvantovogo generatora, rabotaiushchego v periodicheskom rezhime/. 20 p3460 A67-37149
- VEINGER, A. I.**
Investigation of the temperature-and concentration-dependences of the superfine structure of the EPR spectrum in silicon carbide /Issledovanie temperaturnoi i koncentratsionnoi zavisimosti sverkh-tonkoi struktury spektra EPR v karbide kremnii/. 10 p1694 A67-23650
Investigation of the temperature and concentration dependences of the hyperfine structure of the EPR spectrum of silicon carbide. 17 p2923 A67-33331
- VEIS, G.**
Results from geometric methods. 01 p0055 A67-10037
Geodetic interpretation of the results. 01 p0056 A67-10038
The Smithsonian observatory tracking network and geodetic results /Le reseau de tracking de l'observatoire de Smithsonian et les resultats geodesiques/. 07 p1177 A67-19774
A differential orbit improvement program for Lunar Orbiter. 18 p3132 A67-34327
- VEITH, W.**
Configuration management. 08 p1430 A67-21049
- VEKSLER, G. S.**
Study of a transistorized smoothing filter with a parallel transistor /Issledovanie tranzistornogo sglazhivaiushchego fil'tra s paralelnym triodom/. 05 p0772 A67-16453
Smoothing filter with an output-controlled parallel transistors /FSh-2/ /Sglazhivaiushchii fil'tr s paralelnym tranzistorom, upravliaemym s vykhoda FSh-2/. 06 p0971 A67-18215
Smoothing filter with an output-controlled parallel transistor /the FSh-2 filter/. 16 p2635 A67-30481
- VEKSLER, L. S.**
Calculation of the statistical sum of an atom /K raschetu statisticheskoi summy atoma/. 03 p0478 A67-13615
Calculation of the statistical sum of an atom. 18 p3091 A67-34480
- VEKSLER, V. I.**
Radiative acceleration of plasma /Radiatsionnoe uskorenie plazmy/. 17 p2904 A67-32915
- VEKUA, I. N.**
New methods for solving elliptic equations. 17 p2878 A67-32686
- VEKUA, L. V.**
Method of studying secular variations of the geomagnetic field before our era. 12 p1933 A67-25554
- VELA, G. R.**
On the nature of mixed cultures of *Chlorella pyrenoidosa* TX 71105 and various bacteria. 10 p1598 A67-23626
- VELDRE, V. IA.**
Collisions of slow electrons with atoms /Stolknovenie medlennykh elektronov s atomami/. 17 p2893 A67-32137
- VELICHENKO, V. V.**
Optimal control problems for equations with discontinuous right-hand sides. 09 p1525 A67-22076
- VELICHKIN, A. I.**
Discrete systems for transmission of continuous messages in noisy channels. 20 p3383 A67-37071
Potential noise immunity of pulse-code modulation in the transmission of continuous random quantities. 22 p3761 A67-39831
- VELICHKO, A. G.**
Calculation of the output power of a gas laser /Raschet vykhodnoi moshchnosti gazovogo lazera/. 17 p2866 A67-31926
- VELICKY, B.**
Excitonic effects in the interband absorption of semiconductor. 04 p0676 A67-14926
- VELIKANOVA, T. IA.**
Structure of certain alloys in the ternary system Ti-Mo-C /Stroenie nekotorykh splavov v troinnoi sisteme Ti-Mo-C/. 07 p1203 A67-19261
- VELIKHOV, E. I.**
A nonequilibrium-ionization wave in a gas /Volna neravnovesnoi ionizatsii v gaze/. 19 p3286 A67-35347
- VELIKHOV, E. P.**
Conductivity of a high-density plasma /K voprosu o provodimosti plazmy vysokoi plotnosti/. 09 p1543 A67-21818
Problems involved in using a hot-electron plasma in MHD generators /Problemy ispol'zovaniya plazmy s gorlachimi elektronami v MGD generatorakh/. 16 p2601 A67-30545
- VELIKOIVANENKO, E. A.**
Elastoplastic state of an unbounded thin plate during arbitrary axisymmetric heating /Uprugoplasticheskoe sostoianie v neogranichennoi tonkoi plastine pri proizvol'nom osesimmetrichnom nageve/. 05 p0912 A67-16179
Thermoplasticity problem for a circular cylindrical shell subjected to arbitrary

- axisymmetric heating /Zadacha termoplastichnosti dlia krugovoi tsilindricheskoi oboiochki pri proizvol'nom osesimmetrichnom nagreve/. 12 p2023 A67-25593
- VELINOV, P.**
Contribution of cosmic rays to the ionization of the low ionosphere. 09 p1561 A67-21841
Effect of solar cosmic rays on low ionosphere. 09 p1561 A67-21844
Additional ionization at the lower boundary of the D region, due to the penetration of solar radiation /Ekstsiesivna ionizatsiya v osnovata na oblasta D ot pronikvane na sl'nevi kosmicheski l'chi/. 14 p2378 A67-27910
Effect of solar flares on low ionosphere. 17 p2936 A67-32382
- VELLA-COLEIRO, G.**
Zeeman effect of acceptor states in semiconducting diamond. 06 p1062 A67-18927
- VELLIKOK, L. F.**
Investigation of plasma-optical effects in a laser at 0.63, 1.15, and 3.39 μ /Issledovanie plazmenno-opticheskikh efektov v lazere na dlinakh voln 0.63, 1.15 i 3.39 μ /. 18 p3060 A67-34038
- VELTMAN, B. P. TH.**
Quantization, sampling frequency, and statistical scattering in correlation measurements /Quantisierung, Abtastfrequenz und statistische Streuung bei Korrelationsmessungen/. 08 p1313 A67-21006
- VELZEL, C. H. F.**
Development of a ring laser for polarimetric measurements. 13 p2128 A67-27345
- VENABLE, W. H., JR.**
Tunnel diode chronotron circuit for picosecond range. 02 p0246 A67-12684
- VENABLES, F. H.**
The effect of diurnal temperature changes on the F2-layer. 16 p2663 A67-30967
Solar X-rays in the wavelength band 44-60 angstrom units observed by the U.S. NRL satellite 1965-16D and atmospheric optical densities deduced from these observations. 17 p2939 A67-33242
- VENCHIKOV, V. A.**
Calculation of non-equidistant antennas. 05 p0775 A67-16964
- VENDELIN, G. D.**
A power reflection technique for characterization of high quality varactor diodes. 08 p1304 A67-21221
- VENEVTSSEV, I. U. N.**
Study of the electron resonance and magnetic properties of solid solutions in the BiFeO sub 3 system /Issledovanie elektronno rezonansa i magnitnykh svoystv v tverdykh rastvorakh sistemy BiFeO sub 3 - BaTiO sub 3/. 01 p0127 A67-10063
X-ray diffraction study of the atomic structure of ferromagnetic BiFeO sub 3. 21 p3685 A67-38967
- VENGRIS, S. A.**
Photoelectric characteristics of the capacitance of a surface varicap /Fotoelektricheskie kharakteristiki emkosti poverkhnostnogo varikapa/. 07 p1152 A67-19591
The photoelectric characteristics of the capacitance of a surface varicap. 20 p3401 A67-37330
- VENINI, C.**
On the integrability conditions of the equations for Einsteinian gravitational fields. 13 p2158 A67-27298
Rotating observer relative to an inertial observer in relativity /Osservatore ruotante rispetto ad un osservatore inerziale in relativita'/. 20 p3486 A67-37501
- VENKATARAGHAVAN, R.**
Mass spectrometric studies of peptides. 04 p0566 A67-15613
- VENKATARAMAN, P.**
The geomagnetic cavity and the van Allen radiation belts. II. 17 p2938 A67-33207
- VENKATARAMAN, V. S.**
Nuclear effects of "solar" and "galactic" cosmic-ray particles in near-surface regions of meteorites. 24 p4210 A67-42634
- VENKATESWARAN, S. V.**
Diurnal variation of the hydrogen exosphere. I. 06 p0997 A67-18701
- VENKATRAMAN, B.**
Creep analysis of circular plates by energy methods. 04 p0707 A67-14443
- VENKITESHWARAN, S. P.**
A method of estimating the vertical component of gusts in turbulence in the upper air. 10 p1676 A67-23085
A simple method of estimating the vertical component of the gusts in the upper air from the F-type radiosonde records. 12 p1964 A67-26165
- VENNIK, J.**
The influence of carbon on precipitation of copper in silicon single crystals. 21 p3686 A67-39136
- VENO, L. B.**
An examination of the propulsion system for the compound helicopter. [ASME PAPER 67-GT-18] 11 p1854 A67-24802
A perspective look at VTOL. [SAE PAPER 670686] 24 p4093 A67-41987
- VENTERS, D. C.**
Omnidirectional instantaneous direction finding system. 11 p1764 A67-24444
A Cassegrain, monopulse feed using end-fire radiators. 15 p2451 A67-29925
- VENTURA, G.**
Input impedance of short dipole antennas on a Nike-Apache rocket /Impedenza di ingresso di antenne dipolari corte su un razzo Nike-Apache/. 15 p2444 A67-29504
- VENUGOPAL, V. R.**
Solar motion determined from 21-cm line observations. 17 p2943 A67-32443
- VEPREK, S.**
Comparison of microwave and probe methods of plasma diagnostics. 03 p0477 A67-13466
- VEPRIK, I. A. M.**
Measurement of tissue doses of cosmic radiation with the aid of nuclear emulsions /Izmerenie tkanevykh doz kosmicheskogo izlucheniya ladernymi emul'silami/. 20 p3368 A67-36260
- VERBITSKII, I. L.**
Motion of a particle in a field of two traveling waves /Dvizhenie chastitsy v pole dvukh begushchikh voln/. 01 p0022 A67-10352
Possibility of finite motion of a charged particle in the field of a travelling electromagnetic wave. 06 p0975 A67-18087
Particle motion in a field of two travelling waves. 11 p1755 A67-25025
Directivity factor of an antenna with a Chebyshev radiation pattern /Koeffitsient napravlennoy deystvitya anteny s Chebyshevskoi diagrammoi/. 14 p2289 A67-28862
- VERBURG, H.**
Measurements of noise in sensitized GaAs. 19 p3307 A67-35733
- VERDEYEN, J. T.**
Spatially resolved laser heterodyne measurements of plasma densities in weakly ionized gases. 05 p0856 A67-17272
Optical mixing in the atomic states of a He-Ne laser. 23 p4012 A67-40891
- VERDIEVA, T. M.**
Effect of crystallization and of the Se surface state on the formation of p-n contacts in Se-CdSe and Se-CdS /Vlianie kristallizatsii i sostoyaniya poverkhnosti Se na formirovaniye p-n-kontaktov Se-CdSe i Se-CdS/. 02 p0297 A67-11849
- VERDONE, M.**
Influence of technology and temperature on the behavior of MOST in the presence of 1-Mev electrons /Influence de la technologie et de la temperature sur la tenue des MOST aux electrons de 1 Mev/. 17 p2918 A67-32852
Integrated circuits with MOS transistors /Circuits integres a transistors M.O.S./. 20 p3395 A67-36320
Logic gate with coupled integrated-circuit transmitters /Porte logique a emetteurs couples realisee en circuit integre/. 23 p3977 A67-40662
- VERDONE, P. H.**
A telescope suitable for rocket-borne instrumentation. 10 p1654 A67-22751
- VEREMEENKO, S. V.**
The UVFD-1 flaw detector for the inspection of nonmetallic laminated structures and products. 09 p1502 A67-22096
- VERENEKAR, K. G.**
Study of the neutral upper atmosphere winds near the equator. 12 p1934 A67-25790
- VERESHCHAGIN, I. K.**
Effect of temperature on the impact ionization coefficient in silicon carbide /O vlianiy temperatury na koeffitsient udarnoi ionizatsii v karbide kremniya/. 05 p0865 A67-16916
The effect of temperature on the impact ionization in silicon carbide. 16 p2727 A67-30893
- VERESHCHAGINA-MYSHKOVA, L. I.**
Estimation of the effect of the vorticity of the outer flow on flow parameters in the separation area /K otsenke vlianiya zavikhrennosti vo vneshnem potoke na parametry tekhnika v zonakh otryva/. 12 p1892 A67-25671
- VERESHCHETIN, V. S.**
Legal forms of international cooperation of the U.S.S.R. in peaceful exploration of outer space. 12 p2044 A67-26155
- VERET, C.**
Laser range-finding - Study of the limiting range. 10 p1663 A67-22881
[ONERA-TP-460]
Low density visualization /Visualisation a faible masse volumique/. 23 p3985 A67-40568
- VERETENNIKOV, B. N.**
Motion of a conducting dissociable gas in a channel of constant cross section in the presence of a magnetic field. 12 p1929 A67-25756
- VERGNOLLE, C.**
Parametric double-pumping mixer for a multiple-beam low-noise receiving antenna /Melangeur parametrique a double pompe pour antenne de reception faible bruit a multipincaux/. 12 p1913 A67-25302
- VERGUNAS, F. I.**
Texture and electrical conductivity of cadmium sulfide films. 03 p0498 A67-13868
Crystallographic anisotropy of the electrical properties of CdS films /Kristallograficheskaya anizotropiya elektricheskikh svoystv plenok CdS/. 12 p1984 A67-25520
Crystallographic anisotropy of the electrical properties of CdS films. 18 p3103 A67-34451
- VERHAEGEN, G.**
Chemical bonding in high temperature species. 21 p3578 A67-38394
- VERHAEGHE, M. F.**
Interpretation test of X-ray diffraction diagrams provided by thin films /Essai d'interpretation de diagrammes de diffraction de rayons X donnees par des couches minces/. 02 p0287 A67-11714
- VERHAGEN, C. J. D. M.**
A multi-dimensional self-optimizing control system involving dynamics and disturbances, employing relay extremum control. 07 p1161 A67-19204
- VERHAS, J.**
On the Gyarmati principle and the canonical equations of thermodynamics. 22 p3918 A67-39766
- VERHEEST, F. G.**
General dispersion relations for linear waves in multicomponent plasmas. 13 p2172 A67-27726
Dispersion relations for linear three-component plasmas. 13 p2172 A67-27727
Linear waves in weakly ionized multicomponent plasmas. 13 p2172 A67-27728
- VERHELST, H. A. M.**
On the design, characteristics and production of turbulence amplifiers. 08 p1280 A67-20437
- VERHOEVEN, J.**
Hyperfine structure of HDO and D sub 2 O by beam maser spectroscopy. 20 p3461 A67-37287
- VERIE, C.**
Semiconductor lasers and fast detectors in the infrared /3 to 15 microns/. 05 p0821 A67-16668
Helicon effect in InSb and HgTe by a resonant-cavity method. 06 p1071 A67-18990
Cd sub x Hg sub 1 sub x Te infrared photovoltaic detectors. 14 p2366 A67-28496
- VERKAMP, F. J.**
Ammonia combustion properties and performance in gas-turbine burners. 18 p3109 A67-33843
- VERKHOGLADOVA, T. S.**
Physical properties of niobium and tantalum nitrides /Fizicheskie svoystva nitridov niobia i tantal'a/. 22 p3861 A67-39917
- VERKHOVSKII, E. I.**
Polarimetric investigation of stresses in silicon single crystals containing a p-pi junction /Polarimetrichekie issledovaniya napriazheniy v monokristalle kremniya, soderzhashchem p-pi-perekhod/. 08 p1423 A67-21332
- VERKIENKO, I. U. V.**
Statistical method for determining computer errors with the aid of an analog computer /Statisticheskii metod opredeleniya oshibok schetno-reshalushchikh ustroystv pri

- pomoshchi analogovykh vychislitel'nykh mashin/. 16 p2633 A67-30464
- VERKIN, B. I.**
Pulsed method for measuring photomagnetic susceptibility /Impul'snaya metodika izmereniya fotomagnitnoi vosprimchivosti/. 06 p1001 A67-17938
- VERLEUR, H. W.**
Infrared optical properties of vanadium dioxide above and below the transition temperature. 05 p0860 A67-16380
- VERMA, B. S.**
Electrical resistivity of indium-antimony alloy films prepared by vacuum evaporation. 19 p3305 A67-35609
- VERMA, G. S.**
Infrared absorption due to donor electrons in semiconductors. 04 p0674 A67-14608
Scattering of magnons and phonons in the thermal conductivity of yttrium iron garnet. 05 p0869 A67-17191
- VERMA, H. K.**
A mixed boundary-value problem of elasticity with parabolic boundary. 07 p1263 A67-19732
- VERMA, J. K. D.**
Electrical conductivity in organic semiconductors. 19 p3302 A67-34995
- VERMA, P. D.**
Flow of a viscous incompressible fluid between two parallel plates, one in uniform motion and the other at rest with uniform suction at the stationary plate. 08 p1322 A67-21179
- VERMA, R. P.**
Steady state of cosmic-ray nuclei - Their spectral shape and path length at low energies. 19 p3317 A67-36099
- VERMA, S. D.**
High-energy primary electrons and the universal blackbody radiation. 07 p1246 A67-20227
Measurement of the charged splash and re-entrant albedo of the cosmic radiation. 08 p1377 A67-21467
- VERMEER, A.**
Evidence for a coherent deceleration of an electron beam during the electron plasma frequency instability. 11 p1827 A67-23890
Excitation of ion oscillations by beam-plasma interaction. 14 p2360 A67-28553
- VERMEULEN, P. J.**
State control of a flowing plasma by means of radio frequency electromagnetic fields. 12 p1975 A67-25921
- VERMOT-DESROCHES, J.-L.**
Visualization of isotherms in an argon plasma jet /Visualisation des isothermes dans un jet de plasma d'argon/. 20 p3497 A67-36397
- VERNA, C.**
Deformation of subsonic wind-tunnel wakes. 02 p0233 A67-12228
- VERNER, S. S.**
Aids in establishing design criteria for satellite-borne optical systems. 22 p3800 A67-40106
- VERNHEES, C. J.**
Direct digital control of numerous engine functions by a single computer /Direkte digitale Steuerung zahlreicher Motorstufen durch einen zentralen Prozessor/. 08 p1315 A67-21007
- VERNHEES, C.-J.**
Direct numerical control of numerous operational devices by a central computer /Comande numerique directe de nombreux organes d'action par un calculateur central/. 17 p2820 A67-32748
- VERNIANI, F.**
Geomagnetic perturbations and upper-atmosphere heating. 11 p1783 A67-23922
- VERNICH, O. R.**
Investigation of electrical conductivity and Hall effect in GaSe single crystals. 03 p0488 A67-12816
- VERNIER, P.**
Influence of the direction of light propagation on the photoelectric emission of thin gold films /Influence du sens de propagation de la lumiere sur l'emission photoelectrique des couches minces d'or/. 02 p0289 A67-11730
- VERNIKOS-DANELIS, J.**
Changes in adrenal corticosterone concentration in rats - Method of bio-assay for ACTH. 04 p0560 A67-14525
- VERNON, F.**
Microstructure associated with the peak effect /maximum in critical current density/ in superconducting niobium. 14 p2375 A67-28999
- VERNON, F. L., JR.**
Effect of film resistance on low-impedance tunneling measurements. 07 p1234 A67-20101
- VERNON, J. B.**
Linear vibration theory. 09 p1576 A67-22423
Linear vibration and control system theory. 17 p2822 A67-33133
- VERNOT, E. H.**
The air oxidation of monomethyl hydrazine. 21 p3578 A67-38841
- VERNOTTE, P.**
Concerning the method of least squares /A propos des moindres carres/. 18 p3071 A67-33752
- VERNOV, S. N.**
Investigation of low-energy charged particles by Cosmos 12, Cosmos 15 and Electron 2. 02 p0310 A67-12571
Measurements of cosmic ray intensity in the stratosphere above the Arctic and Antarctic. 02 p0310 A67-12573
Ultrahigh energy primary cosmic radiation according to extensive air shower data. 02 p0311 A67-12589
Particle groups at a depth of 40 mwe in the composition of an extensive air shower /Gruppy chastits na glubine 40 m v.e. v sostave shirokogo atmosfernogo livniya/. 02 p0318 A67-12779
Cosmic ray variations according to the Zond 3 and Venera 2 probes /Variatsii kosmicheskikh luchei po dannym stantsii Zond-3 i Venera-2/. 05 p0884 A67-17025
Measurement of protons of solar origin with energies from 1 to 5 Mev during the flights of the Venera-2, Venera-3, and Zond-3 stations /Izmereniya pri polete stantsii Venera-2, Venera-3 i Zond-3 protonov solnechnogo proiskhozhdeniya s energiei 1-5 Mev/. 06 p1077 A67-17841
Behavior of radiation belts and anomalous cosmic radio noise absorption in the auroral zone during the magnetic storms of February 12-14 and 20-21, 1964. 07 p1243 A67-19683
Measurement of the intensity of the penetrating radiation at the surface of the moon. 08 p1385 A67-20841
The structure of the earth's proton radiation belts according to the data of the Electron series of satellites. 10 p1702 A67-23300
Cosmic-ray studies in interplanetary space and on the moon. 12 p1992 A67-25123
Radio emission of extensive air showers /EAS/ of cosmic rays. 12 p1940 A67-25337
Discovery and investigation of the Brazil anomaly by spaceships and the Cosmos series of satellites. 12 p1996 A67-25773
Measurements of low-energy protons from Cosmos-41 satellite. 12 p1997 A67-25810
Measurements of low-energy particle fluxes from the Cosmos and Electron satellites. 12 p1997 A67-25811
Time variations of the intensity in the outer belt and near its boundary deduced from Electron 1 and Electron 2 data. 12 p1997 A67-25815
Investigations of primary cosmic radiation by the Electron 2 and Electron 4 satellites. 12 p1998 A67-25827
Observation of a diffusion wave of relativistic electrons in the outer radiation belt. 13 p2191 A67-26545
Boundary of the outer radiation belt and the region of unsteady radiation /Granitsa vneshnego radiatsionnogo polosa i zona neustoiichivoi radiatsii/. 16 p2740 A67-31886
Measurements of the penetrating radiation intensity on the moon's surface. 18 p3122 A67-34143
Radial diffusion of greater than 100 kev electrons in the outer radiation belt. 19 p3313 A67-35257
Phenomenological characteristics of extensive air showers with a fixed number of muons and electrons. 22 p3877 A67-40279
Particle groups in extensive air showers at 40 meters water equivalent. 22 p3877 A67-40281
Cosmic-ray study on the satellite Cosmos 53 /Issledovanie kosmicheskikh luchei na sputnike Kosmos-53/. 23 p4055 A67-41099
Eleven-year cycle of cosmic-ray intensity beyond the earth's magnetosphere /11-letniy khod intensivnosti kosmicheskikh luchei vne magnitosfery zemli/. 23 p4055 A67-41101
Cosmic-ray variations in various regions of interplanetary space, according to data from the Zond 3 and Venera 2 stations /Variatsii kosmicheskikh luchei v razlichnykh oblastakh mezplanetnogo prostranstva, po dannym stantsii Zond-3 i Venera-2/. 23 p4055 A67-41102
Measurement of sun-emitted 1 to 5-Mev protons on Venera 2 and 3 and Zond 3 stations /Izmereniya pri polete stantsii Venera-2, Venera-3 i Zond-3 protonov solnechnogo proiskhozhdeniya s energiei 1-5 Mev/. 23 p4056 A67-41112
New data on groups of particles at a depth of 40 mwe below ground /Novye dannye o gruppakh chastits na glubine 40 m v. e. pod zemlei/. 24 p4220 A67-42865
Quests for neutral particles at a depth of 40 mwe below ground /Poiski neutral'nykh chastits na glubine 40 m.v.e. pod zemlei/. 24 p4220 A67-42866
Investigation of the penetrating component of high-energy cosmic rays at depths from 20 to 40 mwe below the earth's surface /Issledovanie pronikaushchey komponenty kosmicheskogo izlucheniya vysokoi energii na glubinakh 20 i 40 m v.e. pod zemlei/. 24 p4221 A67-42876
- VERNOV, S. V.**
Measurements of the cosmic ray intensity during the flight of the Zond-3 automatic space probe. 10 p1701 A67-23230
Results of investigations of geometrical position and of composition of the earth's radiation belt particles according to Electron 1 and Electron 2 data. 12 p1998 A67-25816
- VERNOV, V. N.**
Proton and electron intensity in the outer radiation belt during the period 1961-1964. 13 p2191 A67-26544
- VERON, H.**
Pulsed vacuum-arc microthrusters. [AIAA PAPER 67-737] 21 p3695 A67-38759
- VERON, P.**
Do radio stars exist/ques/ /Exist-il des radioetoiles/ques//. 14 p2391 A67-28945
Brightness temperature of the sky at nu equals 178 MHz /Temperature de brillance du ciel a la frequence nu equals 178 MHz/. 22 p3896 A67-40530
- VERONDA, C. M.**
The requirements placed on electron tubes for space applications. 15 p2447 A67-29752
Millimeter-wave generation with electron-beam devices. 22 p3774 A67-40443
- VERONIS, G.**
Comparison of some recent experimental and numerical results in Benard convection. 16 p2660 A67-31215
- VERPLAETSE, J.**
On the sources of the law of outer space /Sur les sources du droit de l'espace exterieur/. 13 p2230 A67-27098
- VERRILL, R.**
A very high input impedance D.C. chopper amplifier using a field effect transistor. 03 p0389 A67-14378
- VERSCOORE, C. P.**
Model testing for design evaluation of major components and configurations of static test and launch facilities. [AIAA PAPER 67-237] 07 p1165 A67-20060
- VERSCHUUR, G. L.**
Relation between optical and radio properties of quasars. 06 p1086 A67-18374
- VERSHININ, E. F.**
Some results of an investigation of the ultralow-frequency radio emission of auroras and the upper atmosphere /Nekotorye rezul'taty issledovaniya ul'tranizkochastotnogo radioizlucheniya pollarnykh silanii i verkhnay atmosfery/. 17 p2846 A67-32938
- VERSHININA, T. I.**
Two quasi-circular zones of maximum magnetic activity. 07 p1178 A67-19825
- VERSHINSKII, A. V.**
Accuracy and reliability in navigational systems. 20 p3399 A67-37069
- VERSNYDER, F. L.**
A breakthrough in making turbine components - Directional solidification and single crystals. 03 p0429 A67-13541
- VERTIEV, I. P.**
Measurement of the rate of rotation of mechanisms with a photoelectric sensor /Izmereniye skorosti vrashcheniya mekhanizmov fotoelektricheskimi datchikom/. 22 p3796 A67-39341
- VERTILETSKII, G. N.**
Problem of applying modulo control algorithms /K voprosu realizatsii algoritmov kontrolya po modulu/. 20 p3392 A67-37153

- VERTIUKOVA, L. G.**
Titanium alloys for cryogenic technology /Titanovye splavy dlia kriogennoi tekhniki/. 17 p2873 A67-32768
- VERTUSHKIN, V. K.**
Supersonic flow of air past a sphere with allowance for radiation 07 p1125 A67-19110
Equilibrium. 07 p1125 A67-19110
Effect of radiation on flow near the stagnation point /O vliianii izlucheniia na techenie v oblasti kriticheskoi tochkii/. 14 p2296 A67-27981
- VESECKY, J. F.**
Radio frequency synchrotron radiation from the Van Allen belts. 11 p1855 A67-23944
- VESELA, Z.**
Applications of gas lasers /Pouziti plynovych laseru/. 13 p2129 A67-27364
The use of gas lasers /Pouziti plynovych laseru/. 17 p2867 A67-32366
- VESELOV, G. I.**
Two-layer waveguide of elliptic cross section /Dvukhsloinnyi volnovod ellipticheskogo secheniia/. 24 p4129 A67-42192
- VESELOV, V. P.**
Observation of the processes of unsteady heat conduction and complex heat transfer by electrical simulation methods and an evaluation of the errors /Issledovanie protsessov nestatsionarnoi teploprovodnosti i slozhnogo teploobmena metodami elektromodellirovaniia i otsenka pogreshnosti/. 17 p2973 A67-33082
- VESELOVSKII, I. S.**
Sound propagation in a partially ionized plasma /Rasprostraneniye zvuka v chastichno ionizovannoi plazme/. 10 p1683 A67-22783
Electron recombination in a weakly ionized gas /Elektronnaya rekombinatsiia v slabo ionizovannom gaze/. 14 p2363 A67-29077
Sound propagation in a partly ionized plasma. 24 p4195 A67-42119
- VESELY, J.**
Flight measurement of the longitudinal stability of the L-29 aircraft /Letova mereni podelne stability letounu L-29/. 09 p1440 A67-22469
- VESELY, V.**
On the generation of striations in low-pressure plasma in a strong high-frequency field. 14 p2353 A67-27756
The influence of plasma instability on the operation of gas lasers /Vliv nestability plazmatu na cinnost plynovych laseru/. 24 p4168 A67-42561
- VESPIGNANI, G.**
Cosmic X-ray sources in the 20-180 Kev energy range. 20 p3520 A67-37475
- VESSER, W. C.**
The design and development of a computer driven electroluminescent vertical scale indicator. 05 p0805 A67-16310
- VESSOT, R. F. C.**
Relaxation in the level F equals 1 of the ground state of hydrogen - Application to the hydrogen maser. 05 p0817 A67-16635
- VEST, C. E.**
Operating gears in a simulated space vacuum - The vacuum facility and several techniques. [ASLE PAPER 66AM-7A4] 13 p2123 A67-27099
- VEST, C. M.**
Variational formulation of transformed diffusion problems. [ASME PAPER 67-HT-77] 20 p3551 A67-36755
- VESTINE, E. H.**
Estimated surface motions of the earth's core. 08 p1329 A67-21485
Comparison of estimates of surface fluid motions of the earth's core for various epochs. 23 p3996 A67-40815
Nature of surface flow in the earth's central core. 23 p3996 A67-40816
- VETLUTSKII, V. N.**
Calculation of a cylindrical electric arc with allowance for radiative energy transfer /Raschet tsilindricheskoi elektricheskoi dugi s ucheto perenosa energii izlucheniem/. 17 p2897 A67-32172
- VETRENNIKOV, A. V.**
Particular cases of the integration of the equations of motion of a heavy solid body of variable mass, having one fixed point and cavities completely filled with a fluid /Chastnye sluchai integrirvaniia uravnenii dvizheniia tiazhelogo tverdogo tela peremennoi massy s odnoi zakreplennoi tochkoi, imelushchego polosti, tselikom zapolnennye zhidkost'iu/. 18 p3080 A67-34604
- VETSCH, G. J.**
Automatic flight control system for automatic terrain following. 19 p3174 A67-35965
- VETTE, J. I.**
A survey of the trapped radiation environment. 23 p4061 A67-41517
The operation of the National Space Science Data Center. [AIAA PAPER 67-946] 24 p4260 A67-43032
- VETTER, L. J.**
Automatic flight control development for general aviation. [SAE PAPER 670255] 12 p1895 A67-25505
- VETTER, R.**
Use of a variable-length single-cavity laser as an instrument for analyzing isotopic displacements in the infrared /Utilisation d'une cavite laser de longueur variable comme appareil d'analyse de deplacements isotopiques dans l'infrarouge/. 20 p3439 A67-36355
- VETUKHNOVSKAIA, IU. N.**
Some discrete radio emission sources at 9.6 cm /Nekotorye diskretnye istochniki radioizlucheniia na volne 9,6 cm/. 08 p1401 A67-21351
Some discrete radio emission sources at 9.6 cm. 17 p2940 A67-31947
Two-layer model of the Venusian atmosphere - Interpretation of radar observations /Dvukhsloinnoi model' atmosfery Venery - Ob interpretatsii radiolokatsionnykh nabludeni/. 17 p2941 A67-32322
- VEVERIS, O. E.**
A test of the hermetic seal of semiconductor devices by radioactive xenon-133 gas /Proverka germetichnosti poluprovodnikovyykh priborov radioaktivnym gazom ksenon-133/. 14 p2324 A67-28280
- VEVERKA, J.**
Martian ionosphere - A component due to solar protons. 23 p4063 A67-40799
- VEYRIE, P.**
Variation of the refractive index of glass subjected to a focused laser beam /Variation de l'indice de refraction d'un verre soumis a un faisceau laser focalise/. 12 p1951 A67-25148
- VEYSIERE, M.**
Electrical conductivity of the detonation products of a propane-oxygen-nitrogen mixture /Conductivite electrique des produits de detonation du melange propane-oxygene-azote/. 09 p1581 A67-22581
- VEZE, A. K.**
Determination of ponderomotive forces acting on a conducting strip of finite width in the traveling magnetic field of a unidirectional inductive MHD generator /K opredeleniiu ponderomotornykh sil, deistvulushchikh na provodiaschuiu polosku konechnoi shiriny v begushchem magnitnom pole odnostoronnego induktora/. 04 p0556 A67-15525
- VEZIROGLU, T. N.**
"density-wave" oscillations in boiling Freon-11 flow. [ASME PAPER 66-WA/HT-49] 04 p0725 A67-15433
Correlation of thermal contact conductance - Experimental results. [AIAA PAPER 67-317] 12 p2037 A67-26032
- VIALI, W. S.**
Aerodynamic considerations for engine inlet design for subsonic high-bypass fan engines. [SAE PAPER 660733] 01 p0140 A67-10633
- VIASELEVA, G. IA.**
Electrodeposition of metals in ultrasonic fields. 19 p3235 A67-34914
- VIATKIN, V. A.**
Determination of the envelope of the correlation function of a high-frequency wide-band signal /Opredelenie ogibaiushchei korrellatsionnoi funktsii vysokochastotnogo shirokopolosnogo signala/. 05 p0764 A67-16902
Determination of the envelope of the correlation function of a wide-band high-frequency signal. 16 p2622 A67-30878
- VIAUD, P.**
Lift and drag of a series of trapezoidal models with flat under surfaces in blown flow near the free surface /Protannes et trainees d'une serie de maquettes trapezoidales a intrados plan en ecoulement ventile pres de la surface libre/. 13 p2093 A67-26595
- VICE, D. G.**
A 30 foot precision tracking antenna - A mechanical engineering problem. 07 p1157 A67-20092
- VICENTE, F. A.**
Analysis of flame effects on measured electromagnetic propagation data. 19 p3344 A67-34819
Effects of rocket exhausts on communications systems. 20 p3381 A67-36570
- VICENTINI-MISSONI, M.**
Scaling-law equation of state for gases in the critical region. 16 p2778 A67-31061
- VICENTINI, V.**
Stress-concentration factors for superposed notches. 09 p1574 A67-21839
A new radiometer for atmospheric long waves. 24 p4152 A67-41787
- VICHNESS, J. A.**
Helicopter cargo restraint. [AHS PAPER 124] 16 p2598 A67-31839
- VICHNEVETSKY, R.**
Error analysis in the computer simulation of dynamic systems - Variational aspects of the problem. 21 p3588 A67-38180
- VICK, R. I.**
Meteorological rocket network probing of the stratosphere and lower mesosphere. 02 p0239 A67-12535
- VICKERS, J. M. F.**
Thermal scale modeling of the Mariner IV spacecraft. [AIAA PAPER 66-23] 03 p0517 A67-13066
- VICKERS, R. S.**
Infrared sensing from spacecraft - A geological interpretation. [AIAA PAPER 67-284] 12 p1938 A67-26001
- VICKERS, T. K.**
The omnigraph - New steps toward automatic navigation. 09 p1526 A67-22389
Recent developments in collision avoidance. 15 p2515 A67-29942
Navigation of V/STOL aircraft in high-density urban areas. 19 p3256 A67-35863
- VICKERY, W. K.**
Observation of mesosphere winds and turbulence with smoke trails. 18 p3043 A67-34496
- VIDAL, P.**
Various methods of functioning of a nonlinear discrete system with a variable sampling period /Divers modes de fonctionnement d'un systeme discret non lineaire a periode d'echantillonnage variable/. 11 p1769 A67-24056
Experimental device for the study of the physiological functions of equilibration. 13 p2064 A67-27274
Stability and instability of nonlinear sampled systems /Sur la stabilite et l'instabilite des systemes echantillonnees nonlineaires/. 14 p2292 A67-28898
Sufficient condition of uniqueness of the response of a nonlinear sampled system to any stress /Sur une condition suffisante d'unicite de la reponse d'un systeme echantillonne non lineaire a une sollicitation quelconque/. 15 p2458 A67-29473
- VIDAL, R. J.**
Heat transfer measurements with a catalytic flat plate in dissociated oxygen. [AIAA PAPER 67-163] 06 p0989 A67-18481
Speed-ratio measurements in nonequilibrium nozzle and free-jet expansions. 14 p2301 A67-28182
Heat-transfer measurements with a catalytic flat plate in dissociated oxygen. 19 p3211 A67-35739
- VIDALLON, C.**
Ultrarapid modulation of a hyperfrequency millimeter wave /Modulation ultrarapide d'une onde hyperfrequence millimetrique/. 09 p1465 A67-22568
- VIDIN, IU. V.**
Temperature field of an infinite plate in the case of a variable heat transfer coefficient /O temperaturnom pole neogranichennoi plastyiny pri peremennom koefitsiente teploobmena/. 14 p2407 A67-28647
Unsteady temperature field in a plate subjected to the combined effect of thermal radiation and convection /Neustanovivsheesia temperaturnoe pole v plite pri sovmestnom deistvii teplovogo izlucheniia i konveksii/. 15 p2580 A67-29779
Investigation of the thermal conductivity of solid bodies in the case of variable boundary conditions /Issledovanie teploprovodnosti tverdykh tel pri peremennykh granichnykh usloviakh/. 23 p4083 A67-41289

- VIEGAS, J. R.**
Examination of the validity of the Saha equation in a gas discharge. 16 p2710 A67-30518
- VIEHMANN, W.**
Vanadium charge compensator site in laser CaWO sub 4. 04 p0633 A67-15306
Influence of charge compensation on UV excitation of rare-earth fluorescence. 22 p3856 A67-39384
- VIENTOT, J.-C.**
Spectral differentiation and hologram filtering of weakly decorrelated optical signals /Differentiation spectrale et filtrage par hologramme de signaux optiques faiblement decorrees/. 09 p1497 A67-21826
Energy propagation in a laser beam - Trajectory study /Propagation de l'energie dans un faisceau laser - Etude des trajectoires/. 10 p1663 A67-22847
Interferometry and holographic photoelasticimetry /Interferometrie et photoelasticimetricie holographiques/. 23 p3999 A67-41179
- VIETZ, J. T.**
The basic processes affecting two-step ageing in an Al-Mg-Si alloy. 18 p3065 A67-34362
- VIGDOROVICH, V. N.**
Physicochemical characteristics of the behavior of impurities in gallium and indium arsenides /Fiziko-khimicheskie osobennosti povedeniia primesel v arsenidakh gallia i india/. 18 p3102 A67-34289
- VIGLIONE, S. S.**
Pattern recognition systems. [SMPT PREPRINT 100-13] 03 p0376 A67-13805
- VIGNERON, F. R.**
Passive spin propulsion of large flexible spherically shaped satellites by the solar radiation field. 05 p0905 A67-16568
- VIGNERON, H.**
The ELDO guidance station /La station de guidage ELDO/. 04 p0654 A67-15625
ELDO radio-engineering guidance station /Station radioelectrique de guidage ELDO/. 16 p2700 A67-30657
- VIGNERON, J.**
Relations between the appearance of VLF emissions and magnetic agitation /Relations entre l'apparition des emissions de tres basse frequence et l'agitation magnetique/. 04 p0617 A67-15500
Study from two conjugate points of radioelectric VLF emissions /0.8 to 10 kHz/ /Etude en deux points conjuges des emissions radioelectriques de tres basse frequence /0.8 - 10 kHz/. 06 p0997 A67-18698
- VIGNES, A.**
Diffusion in the cobalt-nickel system. 11 p1808 A67-24772
- VIGNESS, I.**
Hole-drilling strain-gage method of measuring residual stresses. 03 p0531 A67-14360
- VIGOUREUX, P.**
Radiation pressure. 05 p0846 A67-16583
- VIKHROV, A. I.**
Evaluation of the radiation environment on the surface of the moon /Otsenka radiatsionnoi obstanovki na poverkhnosti luny/. 16 p2737 A67-30782
- VIKTOROV, E. D.**
Computation of the damping factor for free oscillations of a viscous liquid in a cylindrical vessel. 04 p0711 A67-15196
Certain characteristic features of the problem of minimizing maximum control deviation /Nekotorye osobennosti zadachi o minimume maksimal'nogo otkloneniia upravleniia/. 24 p4188 A67-42301
- VIKTOROV, I. A.**
Interaction of ultrasonic surface and body waves with conduction electrons in CdS crystals /Vzaimodeistvie ul'trazvukovykh poverkhnostnykh i ob'emnykh voln s elektronami provodimosti v kristalle CdS/. 17 p2921 A67-32971
- VIKTOROVA, A. A.**
Absorption of microradiowaves in air by the dimers of water vapor /Pogloshchenie mikroradiovoln v vozdukhie dimerami vodianogo para/. 06 p0963 A67-18206
Absorption of microwaves in air by water-vapor dimers. 17 p2817 A67-33219
- VILA, P.**
Experimental study of the equatorial ionospheric anomaly in Africa during the period of minimum solar activity /Etude experimentale de l'anomalie ionospherique equatoriale en Afrique en periode de minimum solaire/. 03 p0407 A67-12827
Topside spread F and field-aligned structure. [AGARDOGRAPH 95] 15 p2480 A67-30277
- VILBIG, F.**
Possibilities of information transmission by means of satellites and properties of the satellite orbits /Moeglichkeiten der Nachrichtenuebertragung mittels Satelliten und Eigenschaften der Satellitenbahnen/. 08 p1293 A67-20724
Possibilities of satellite communications and properties of satellite orbits. II /Moeglichkeiten der Nachrichtenuebertragung mittels Satelliten und Eigenschaften der Satellitenbahnen. II/. 08 p1296 A67-21505
Transmission characteristics and design of active communications satellites as well as interference sources in outer space. I /Uebertragungseigenschaften und Bemessung von aktiven Nachrichtensatelliten sowie Stoerungsquellen im Weltraum. I/. 10 p1604 A67-22899
Transmission properties and design of active communication satellites, and study of interference sources in space. II /Uebertragungseigenschaften und Bemessung von aktiven Nachrichtensatelliten sowie Stoerungsquellen im Weltraum. II/. 13 p2066 A67-26334
Possibilities for the future development of communication-satellite techniques. I /Moeglichkeiten fuer eine Weiterentwicklung der Nachrichtensatellitentechnik. I/. 13 p2070 A67-27151
Possibilities for the further development of communication satellite technology. II /Moeglichkeiten fuer eine Weiterentwicklung der Nachrichtensatellitentechnik. II/. 14 p2270 A67-28584
- VILCHEVSKII, N. O.**
Algorithm for separating convex sets /Ob odnom algoritme razdeleniia vypuklykh mnozhestv/. 01 p0028 A67-10495
Mechanical model and method for solving a general problem of linear programming. 05 p0781 A67-16259
An algorithm for separating convex sets. 10 p1608 A67-23617
- VILCSEK, E.**
Neutron produced phosphorus-32 in the Barwell and St. Severin meteorites. 06 p1078 A67-17604
- VILD, T. J.**
A Rankine cycle boiler and condenser-radiator orbital experiment. 24 p4102 A67-42491
- VILENSKAIA, T. V.**
Asymptotic behavior of the solution of the problem of elasticity for a thin spherical shell. 11 p1871 A67-24152
- VILENSKII, V. D.**
General laws for the stabilization of the heat transfer coefficient of a liquid flow in a channel /Obshchie zakonomernosti stabilizatsii koefitsienta teplootdachi pri techenii zhidkosti v kanale/. 03 p0536 A67-13610
Some general regularities in nonstationary heat transfer during the passage of a laminar fluid flow through a channel /Nekotorye obshchie zakonomernosti nestatsionarnogo teploobmena pri laminarnom techenii zhidkosti v kanale/. 07 p1265 A67-19125
General laws in the stabilization of the heat-transfer coefficient for the flow of a liquid in a channel. 18 p3161 A67-34475
Some general principles of unsteady heat transfer in the laminar flow of a liquid in a channel. 21 p3731 A67-38169
- VILISOVA, M. D.**
Effect of conditions of growth on the electrical properties of epitaxial p-n junctions in gallium arsenide /Vliianie uslovii rosta na elektricheskie svoystva epitaksl'nykh p-n-perekhodov v arsenide gallia/. 15 p2533 A67-29317
- VILIUNOV, V. N.**
Ignition of condensed explosives by a conductive inflow of heat from media of low thermal conductivity /O zazhigani kondensirovannykh vv pri konduktivnom podvode tepla ot sred s plokhoi teploprovodnost'iu/. 07 p1267 A67-19314
- VILKOMERSON, D. H. R.**
Some effects of emulsion shrinkage on a hologram's image space. 17 p2863 A67-33303
- VILLA, A.**
Low gain ring antenna - Radiation properties on a ground plane. 17 p2827 A67-32781
- VILLANUEVA, J.**
Mechanical model for longitudinally excited sloshing motion. 22 p3786 A67-40104
- VILLE, P.**
A balloon-borne diffusing system for infrared radiation from 1 mu to 5 mu. 19 p3232 A67-35697
- VILLENA, M.**
Experimental determination of the burning rate in hybrid propellants by using a radioactive source /Determinacion experimental de la velocidad de regresion en los propergoles hibridos empleando una fuente radiactiva/. 01 p0112 A67-11420
- VILLEPELET, J.**
Low-altitude detection and defense /Detection et defense basse altitude/. 17 p2816 A67-32751
- VILETTI, A.**
The effect of air transport on the Italian balance of payments /L'incidenza del trasporto aereo sulla bilancia valutaria Italiana/. 08 p1429 A67-20767
- VILLIERS, J.**
Navigation of the S.S.T. 13 p2153 A67-26710
- VINCENT-GEISSE, J.**
Theoretical study of a four-wave interferometric device /Etude theorique d'un montage interferometrique a quatre ondes/. 06 p1009 A67-17636
- VINCENT, D. W.**
Experimental investigation of acoustic liners to suppress screech in hydrogen-oxygen engines. 04 p0691 A67-15988
- VINCENT, G.**
Source of high energy neutral particles. II /Source de particules neutres de grande energie. II/. 24 p4153 A67-41912
- VINCENT, J. S.**
Study of the reaction Al super 27 /d, alpha/ Mg super 25 at 20.9 Mev. 05 p0849 A67-17381
A search for unbound T equals 1/2 levels in super 3 He. 07 p1226 A67-19563
Large angle alpha particle scattering from the 3 super plus unnatural parity states in magnesium. 20 p3488 A67-36931
- VINCENT, M.**
A new method of minimizing the radar cross section of a sphere. 03 p0369 A67-13683
- VINCENT, M. C.**
A new method of minimizing the backscatter of a conducting plate. 17 p2815 A67-32622
- VINCENT, P. I.**
A working hypothesis of polymer fracture. 18 p3068 A67-33488
- VINCENTI, W. G.**
Inviscid radiating flow over a blunt body. 10 p1592 A67-23453
- VIND, T. H.**
General purpose thermal analysis digital computer programs - Steady state and transient. 05 p0929 A67-17452
- VINE, J.**
Optical means for enhancing the sensitivity of a trialkali photocathode. 17 p2861 A67-33287
- VINEN, W. F.**
The motion of flux lines in type II superconductors. 01 p0133 A67-10750
Flux flow resistivity in type II superconductors. I. 16 p2730 A67-31169
Flux flow resistivity in type II superconductors. II. 16 p2731 A67-31170
- VINER, I. IA.**
Nonlinear resonance /O nelineinom rezonanse/. 03 p0530 A67-14177
- VINERON, ZH.**
Observations of ULF emission at two conjugate points /Nabludeniiia ul'tranizkochastotnogo izlucheniia v dvukh sopriazhennykh tochkah/. 03 p0411 A67-13347
- VINETSKII, V. L.**
Theory of laser radiation induced by impurity-band transitions /Teoriia lazernogo izlucheniia na primesnozonnykh perekhodakh/. 03 p0436 A67-13137
The role of light absorption by free carriers in a semiconductor laser. 03 p0439 A67-14376
On the electric conductivity of semiconductors caused by the ionization of thermal lattice defects. 07 p1237 A67-20177
Theory of laser emission at band-band transitions in an impurity semiconductor

- without conservation of quasi-momentum /Teoriya lazernogo izlucheniya nazonh-zonnnykh perekhodakh v primesnom poluprovodnike pri nesokhraneni kvazimpul'sa/. 10 p1666 A67-23653
- Theory of laser emission by band-band transitions in an impurity semiconductor when the crystal momentum is not conserved. 17 p2870 A67-33334
- VINEY, B. W.**
Experiments on the accommodation of normal momentum. 13 p2098 A67-26945
- VINEYARD, R. A.**
Lithium doped radiation resistant silicon solar cells. 23 p3941 A67-41527
- VINGSBO, O.**
Stacking fault tetrahedra in fatigued stainless steel. 11 p1805 A67-24109
- VINH, N. X.**
Geometric constraints of the disorbit problem. [AAS PAPER 66-122] 07 p1254 A67-19981
- VINITSKII, A. KH.**
Certain specific features of inelastic pi N collisions for a 17 GeV/c momentum /Nekotorye osobennosti pi N-neuprugikh soudarenii pri impul'se 17 GeV/c/. 24 p4192 A67-42853
- VINNEY, D. J.**
Possible travelling-wave parametric amplifier using the Gunn effect. 01 p0040 A67-11309
- VINNICHENKO, N. K.**
Clear-air turbulence at altitudes of 6 to 12 km /'Turbulentnost' v lasnom nebe na vysotakh 6-12 km/. 05 p0837 A67-16486
Clear air turbulence at heights of 6-12 km. 13 p2150 A67-26342
Power spectra of turbulence in the free atmosphere. 15 p2513 A67-30058
- VINNIKOVA, T. L.**
New method of representing coefficient matrices for calculating N/h/ profiles of the ionosphere /Novyi sposob zadaniya matrits koefitsientov dlia rascheta N/h/-profilie ionosfery/. 16 p2669 A67-31897
Master matrix for calculating ionospheric N/h/ profiles /Osnovnaya matritsa dlia raschetov N/h/-profilie ionosfery/. 21 p3623 A67-39046
- VINOGRAD, R. E.**
Theory of Liapunov Indices and its Applications to Stability Problems /Teoriya Pokazatelei Liapunova/. 04 p0645 A67-15011
- VINOGRAD, S. P.**
Weightlessness and manned space flight - Medical data to date. 12 p1902 A67-25727
- VINOGRADOV, A. P.**
Investigation of the intensity and spectral composition of the gamma-radiation of the moon by the Luna-10 automatic space station /Issledovaniya intensivnosti i spektral'nogo sostava gamma-izlucheniya luny na avtomaticheskoi stantsii Luna-10/. 01 p0150 A67-10905
Preliminary results of measurements of gamma radiation from the lunar surface by the Luna 10 space vehicle /Predvaritel'nye rezul'taty izmerenii gamma-izlucheniya lunnoi poverkhnosti na kosmicheskoi stantsii "Luna-10"/. 05 p0887 A67-16055
On the radioactivity of lunar rocks. 18 p3122 A67-34142
Gamma investigation of the moon and composition of the lunar rocks. 19 p3319 A67-35258
Measurements of gamma radiation of the lunar surface by the Luna-10 space station. 21 p3701 A67-37842
- VINOGRADOV, A. V.**
The excitation of atoms by neutral particles. 09 p1534 A67-21850
- VINOGRADOV, B. S.**
Investigation of the flow interaction in the case of blowing of a gas into the supersonic portion of a Laval nozzle /Issledovanie vzaimodeistviya potokov pri vdue gaza v sverkhzvukovuyu chast' osesimmetrichnogo sopla Lavalla/. 22 p3743 A67-40452
- VINOGRADOV, I. U. K.**
Experimental determination of the saturated vapor pressure of sodium and potassium. 09 p1579 A67-21857
- VINOGRADOV, N. I.**
Observation of plasma created by a superhigh-frequency field in the state of electron-cyclotron resonance. I /Issledovanie plazmy, sozdavaemol sverkhvysokochastotnym polem v rezhime elektron'nogo tsiklotronnogo rezonansa. I/. 15 p2529 A67-29715
- Observation of plasma created by a superhigh-frequency field in the state of electron-cyclotron resonance. II /Issledovanie plazmy, sozdavaemol sverkhvysokochastotnym polem v rezhime elektron'nogo tsiklotronnogo rezonansa. II/. 15 p2529 A67-29716
- Absorption of electromagnetic waves in a plasma at frequencies near harmonics of the electron cyclotron frequency. 20 p3498 A67-36692
Microwave production of a plasma in a trap. 23 p4035 A67-41684
- VINOGRADOV, P. A.**
Space-time variations of the parameters of Pci fluctuations. 07 p1179 A67-19837
- VINOGRADOV, R. I.**
Application of the method of varying the similarity constants to aircraft design /Ispol'zovanie metoda variatsii konstant podobii pri perspektivnom proektirovanii letatel'nykh apparatov/. 04 p0552 A67-15892
- VINOGRADOV, V. N.**
Synthesis of tissue proteins in hypodynamic animals /O sinteze tkaneykh belkov u zhivotnykh pri gipodinamii/. 13 p2059 A67-26759
- VINOGRADOV, V. P.**
A Toepfer apparatus with a pulsed ruby laser for observing a plasma cloud /Teplerovskaya ustanovka s impul'snym rubinovym lazerom dlia issledovaniya plazmennoi obolochki/. 16 p2721 A67-31396
- VINOGRADOVA, M. N.**
Hall effect in semiconductors containing two species of current carriers /Effekt Kholla v poluprovodnikakh s dvumia sortami nositelei toka/. 03 p0489 A67-13148
Hall effect in semiconductors with two types of carrier. 10 p1689 A67-23097
- VINOGRADOVA, V. N.**
Space-time variations of the parameters of Pci fluctuations. 07 p1179 A67-19837
- VINOKUROV, G. N.**
Interaction of oscillation modes in a gas laser with a spherical-mirror resonator cavity /Vzaimodeistvie tipov kolebaniy v gazovom opticheskom kvantovom generatore s rezonatorom so sfericheskimi zerkalami/. 16 p2685 A67-31038
- VINOKUROV, L. P.**
Stresses induced by temperature effects in thin-walled bars of open section /Napriazheniya v tonkostennnykh sterzhniakh otkrytogo profil'a ot temperaturnykh vozdeistviy/. 21 p3728 A67-38905
- VINOKUROV, V. A.**
Minimum time of an Earth-Mars-Earth flight with an uncontrolled low-thrust engine /Minimal'noe vremia pereleta Zemlia-Mars-Zemlia s nereguliruemym dvigatelem maloi tiagi/. 17 p2941 A67-32240
- VINOT**
Role of LRBA in the "Diamant" program /Le role du L.R.B.A. dans le programme "Diamant"/. 07 p1131 A67-19520
- VINTI, J. P.**
The spheroidal method in satellite astronomy. 06 p1081 A67-17777
Effects of a constant force on a Keplerian orbit. 08 p1383 A67-20402
The spheroidal method in the theory of the orbit of an artificial satellite. 15 p2560 A67-30042
- VINTOVKIN, S. I.**
Temperature dependence of the threshold of radiation-defect formation in silicon irradiated with electrons /Temperaturnaya zavisimost' poroga obrazovaniya radiatsionnykh defektov v kremnii, obлучennom elektronami/. 15 p2542 A67-30250
- VIOLETTE, F.**
Medical aspects of the Gemini flights and the Apollo accident /Aspects medicaux des vols Gemini et de l'accident Apollo/. 16 p2614 A67-31538
- VIOLINA, G. N.**
Tau-photoconductivity and negative resistance of p-n junctions in SiC /Fotoprovodimost' i otritsatel'noe soprotivlenie u p-n-perekhodov v SiC/. 04 p0680 A67-15156
Tau-photoconductivity and negative resistance in p-n junctions in SiC. 15 p2534 A67-29343
- VIRAG, L.**
Analysis of the automatic optimization problem for a linear Diophantine plant /Analiz zadachi avtomaticheskoi optimizatsii lineinogo diofantovogo
- ob'ekta/. 11 p1770 A67-24209
- VIRCHENKO, N. A.**
Solution of a boundary-value problem in the axisymmetric potential theory for a three-dimensional layer /Reshenie odnoi kraevoi zadachi osesimmetrichnoi teorii potentsiala dlia prostranstvennogo sloia/. 17 p2885 A67-32882
- VIRENE, E. P.**
Structural reliability with normally distributed static and dynamic loads and strength. 09 p1575 A67-22298
- VIRKO, V. F.**
Redistribution of the density of plasma electrons and ions caused by a strong microwave field /Pereraspredelenie plotnosti elektronov i ionov plazmy, vyzvannoe sil'nym polem SVCh/. 18 p3087 A67-34040
- VISHIK, M. I.**
Parabolic convolution-type equations in a bounded region /Parabolicheskie uravneniya v svertkakh v ogranichennoi oblasti/. 02 p0259 A67-11871
- VISHNEVSKII, V. N.**
Structure of the fundamental absorption bands of mixed KCl-KBr single crystals /Pro strukturu fundamental'nykh smug poglinaniya zmishanikh monokristallov KCl-KBr/. 05 p0872 A67-17493
- VISHNIAC, W.**
A discussion of the planetary quarantine constraints. 15 p2424 A67-29098
- VISHNIAKOV, D. IA.**
Effect of carbide-forming elements on the kinetics of the isothermal transformation of austenite and the mechanical properties of manganese-molybdenum steel /Vlianie karbidoobrazuyushchikh elementov na kinetiku izotermicheskogo prevrashcheniya austenita i mekhanicheskie svoystva margantsevomolibdenovoi stali/. 07 p1199 A67-19239
Hardness of heat-resistant steels at elevated temperatures as a function of alloying and heat treatment /Tverdst' zharoprochnykh stalei pri povyshennykh temperaturakh v zavisimosti ot legirovaniya i termicheskoi obrabotki/. 07 p1199 A67-19240
Effect of the rate of cooling from the homogenization temperature on the structure and properties of the alloy KhN77Tiur /E1437B/ /Vlianie skorosti okhlazhdeniya ot temperatury gомогениzatsii na strukturu i svoystva splava KhN77Tiur /E1437B/. 07 p1199 A67-19241
Effect of rare-earth elements on the structure and properties of steel Kh16N25M2V5 /Vlianie redkozemel'nykh elementov na strukturu i svoystva stali Kh16N25M2V5/. 07 p1199 A67-19242
Isothermal transformations in titanium-molybdenum alloys /Izotermicheskie prevrashcheniya v splavakh titana s molibdenom/. 07 p1199 A67-19243
Isothermal transformations in titanium-chromium alloys /Izotermicheskie prevrashcheniya v splavakh titana s khromom/. 07 p1200 A67-19244
Effect of aging on the structure and properties of complex-alloyed heat-resistant steel /Vlianie starenii na strukturu i svoystva slozhnolegirovannoi zharoprochnoi stali/. 24 p4173 A67-42190
- VISHNIAKOV, IA. D.**
Effect of high-temperature thermomechanical treatment on the fine structure and mechanical properties of titanium alloys /Vlianie vysokotemperaturnoi termomekhanicheskoi obrabotki na tonkuiu strukturu i mekhanicheskie svoystva titanovykh splavov/. 01 p0095 A67-10641
Study of the fine structure of the alloy VT15 after high-temperature thermomechanical treatment /Issledovanie tonkoi struktury splava VT15 posle vysokotemperaturnoi termomekhanicheskoi obrabotki/. 10 p1670 A67-23641
Effect of high-temperature thermomechanical treatment on the fine structure and mechanical properties of titanium alloys. 18 p3066 A67-34405
- VISICH, M. JR.**
Supersonic flow around cones at zero incidence in equilibrium air. 22 p3742 A67-40098
- VISKANTA, R.**
Transient heating or cooling of one-dimensional solids by thermal radiation. 04 p0737 A67-15865
Transient energy transfer in a gray

- radiating gas during expansion. 08 p1323 A67-21391
Shielding of surfaces in Couette flow against radiation by transpiration of an absorbing-emitting gas. 15 p2578 A67-29129
Application of Sokolov's method to integral equations of radiant interchange. 17 p2967 A67-32068
Heat transfer by combined conduction and radiation between concentric spheres separated by radiating medium. [ASME PAPER 67-HT-20] 20 p3546 A67-36715
- VISKOV, V. V.**
Theory of meteorological effects in the meson component of cosmic rays, taking into account elementary-event data /Teoriia meteorologicheskikh effektov v mezonnoi komponente kosmicheskikh luchei s uchetom dannykh ob elementarnom akte/. 17 p2934 A67-32104
- VISSER, J.**
Current results of the electronic part sterilization program. 07 p1136 A67-19618
Current results of the electronic part sterilization program at the jet propulsion laboratory. 09 p1480 A67-22296
- VISTE, N. D.**
Cumulative damage under biaxial fatigue stress. 19 p3341 A67-35552
- VISWANADHAM, N.**
Design of non-linear multivariable control systems. 06 p0978 A67-18720
Stability analysis of non-linear multivariable systems. 23 p3984 A67-41160
Dead-beat response in multi-variable systems. 24 p4134 A67-42027
- VISWANADHAM, Y.**
The radiative cooling of the atmosphere at coastal and continental stations. 13 p2150 A67-26419
- VISWANATHAN, C. R.**
Space-charge-limited current of holes in silicon and techniques for distinguishing double and single injection. 23 p4038 A67-40878
- VISWANATHAN, K. S.**
The geomagnetic cavity and the van Allen radiation belts. II. 17 p2938 A67-33207
- VISWANATHAN, N.**
Fatigue-crack-propagation rates under random excitation. [ASME PAPER 66-WA/MET-3] 04 p0639 A67-15343
- VISWANATHAN, T. R.**
A silicon diode analogue multiplier. 24 p4131 A67-42478
- VITALE, G.**
Thermometric measurements using gallium arsenide semiconductor diodes. 11 p1766 A67-24650
- VITALI, G.**
Evidence for damage regions in Si, GaAs, and InSb semiconductors bombarded with high-energy neutrons. 17 p2922 A67-33060
Laser damage on semiconductor surfaces. 23 p4045 A67-41470
- VITEK, V.**
Retregression of nondiverging waves /Die Retregression der divergenzfreien Wellen/. 06 p1027 A67-18603
Thermally activated motion of screw dislocations in B.C.C. metals. 07 p1209 A67-19640
Dislocation theory of slip geometry and temperature dependence of flow stress in B.C.C. metals. 07 p1209 A67-19641
- VITERBI, A. J.**
Principles of coherent communication. 04 p0576 A67-15616
Orthogonal tree codes for communication in the presence of white Gaussian noise. [JPL-TR-32-1120] 14 p2273 A67-28710
- VITKEVICH, V. V.**
Observations of fluctuations in the radio intensity of the quasi-stellar source 3C 48 produced by nonuniformities in the interplanetary plasma. 03 p0509 A67-13204
Scattering of radio waves in interplanetary plasma. 03 p0368 A67-13279
Principles of construction of the cross-shaped wideband radio telescope of the Physics Institute of the USSR Academy of Sciences /Osnovy konstruktii krestobraznogo diapazonnogo radioteleskopa FIAN/. 08 p1318 A67-21339
Possible ways of creating large radio telescopes /Vozmozhnye puti sozdaniia krupnykh radioteleskopov/. 08 p1318 A67-21342
Parabolic reflector with shields /Parabolicheskiy reflektor s ekranami/. 08 p1318 A67-21343
Radio wave scattering on isotropic and radially extended inhomogeneities of the solar outer corona. 13 p2197 A67-26543
Design principles of the FIAN cross-type wide-range telescope. 17 p2831 A67-31935
Possible methods of building large radio telescopes. 17 p2831 A67-31938
A parabolic reflector with screens. 17 p2822 A67-31939
Solar-wind studies and the brightness distribution of radio sources during observations of their fluctuations /Ob issledovanii solnechnogo vetra i raspredelenii iarkosti radioistochnikov pri nabludenii ikh mertsanii/. 20 p3520 A67-37513
Observations of the fluctuations of radio sources on inhomogeneities of interplanetary plasma /Nabludeniiia mertsaniiia radioistochnikov na neodnorodnostiakh mezhplanetnoi plazmy/. 20 p3529 A67-37514
Observations of the solar supercorona in 1964 and 1965 and the nature of scattering inhomogeneities in the corona /Nabludeniiia sverkhkorony solntsa v 1964-1965 gg. i kharakter rasseivaniushchikh neodnorodnostei v sverkhkorone/. 20 p3529 A67-37515
Possible mechanism of the nonequilibrium radio emission of the sun by beta-decay electrons /O vozmozhnom mekhanizme neravnovesnogo radioizlucheniia solntsa elektronami beta-raspada/. 20 p3520 A67-37522
Spicules as a possible source of the formation of small-scale inhomogeneities in the solar supercorona and in interplanetary plasma /Spikuly kak vozmozhnaia pervoprichina obrazovaniia melkomasshtabnykh neodnorodnostei v sverkhkorone solntsa i mezhplanetnoi plazmy/. 21 p3711 A67-39028
- VITKO, A. V.**
Effect of the interrelation of transmitters on the performance of antennas with branched power supply systems /Vliianie vzaimosvazi mezhdu izluchateliami na rabotu antenn s razvetvlennymi sistemami pitaniia/. 13 p2080 A67-27033
- VITLINA, R. Z.**
Theory of formation of negative ions during slow collisions of atoms /K teorii obrazovaniia otritsatel'nykh ionov pri medlennykh atomnykh stolknoventsiakh/. 14 p2352 A67-29073
- VITMAN, F. F.**
Nature of the damage of high-strength glass and possibilities of protecting glass. 20 p3473 A67-36159
- VITON, M.**
Observations of ultraviolet radiation beyond the atmosphere in the winter Milky Way /Observations extra-atmospheriques du rayonnement ultraviolet dans la Voie Lactee d'hiver/. 18 p3125 A67-34190
- VITORSKII, I. A. M.**
Properties and structure of deformed and annealed molybdenum /Svoistva i struktura deformirovannogo i otozhzhennogo molibdena/. 20 p3466 A67-36967
- VITOV, V. F.**
Application of a theorem by Hart to the investigation of nonlinear integral equations /Primenenie odnoi teoremy Kharta k issledovaniu nelineinykh integral'nykh uravnenii/. 15 p2511 A67-29888
- VITOVEC, F. H.**
Effect of hydrogen environment on creep and fracture of steels. 16 p2689 A67-31327
- VITOVSKII, N. A.**
Study of isochronous and isothermal annealing of InSb irradiated by X rays and gamma rays /Issledovanie izokhronnogo i izotermicheskogo otzhiga InSb, obluchennogo rentgenovskimi i gamma-luchami/. 15 p2542 A67-30247
On the nature of damages in indium antimonide produced by gamma- and X-irradiation. 21 p3687 A67-39143
- VITRIANIUK, V. K.**
Study of the permeability of porous materials of refractory compounds /Izuchenie pronitsaemosti poristykh materialov iz tugoplavkikh soedinenii/. 09 p1517 A67-21875
Preparation of high-porosity materials from refractory compounds. 16 p2683 A67-31596
- VITRIKHOVSKII, M. I.**
Dispersion of the refractive index of CdS sub x Se sub 1 sub minus x and CdTe single crystals in the visible and IR spectral ranges /Dispersiia pokaznikip zalomlennia monokristaliv CdS sub x Se sub 1 sub minus x ta CdTe u vidimii ta infrachervonli oblastiakh spektra/. 16 p2732 A67-31481
- VITRIKHOVSKII, N. I.**
Nature of the centers of luminescence in pure cadmium sulfide /O prirode tsvetov sveceniia v chistom sernistom kadmii/. 03 p0433 A67-12890
Generation on CdS sub x -CdSe sub 1 sub -x mixed crystals in the presence of excitation by ruby laser emission /Generatsiia na smeshannykh kristallakh CdS sub x -CdSe sub 1 sub -x pri vzbuzhdenii izlucheniem rubinovogo OKG/. 03 p0436 A67-13153
Generation in mixed CdS sub x -CdSe sub 1 sub -x crystals excited with ruby laser radiation. 10 p1664 A67-23102
- VITS, W.**
Contribution to GaAs laser diodes /Ein Beitrag zu GaAs-Laserdioden/. 09 p1515 A67-22275
- VITSHAS, A. F.**
Determination of the concentration of cesium atoms in an argon-cesium flow by the radiation absorption method /Opredelenie kontsentratsii atomov tseziia v potoke argono-tsezievoi smesi metodom pogloshcheniia izlucheniia/. 09 p1538 A67-21778
Investigation of an electrical discharge in a magnetic field in the presence of a gas flow /Issledovanie elektricheskogo razriada v magnitnom pole pri nalichii potoka gaza/. 09 p1542 A67-21816
- VITSHAS, L. N.**
On inhomogeneous formations in the outer ionosphere. II. 12 p1936 A67-25800
- VITTORI, O.**
A new radiometer for atmospheric long waves. 24 p4152 A67-41787
- VITTORIA, C.**
Anisotropic ferromagnetic resonance linewidth in Ni platelets. 22 p3864 A67-40245
- VITUSHKIN, A. G.**
Necessary and sufficient set conditions for any continuous function analytical within internal points of the set to permit smooth approximation by means of rational fractions /Uslovia na mnozhestvo, neobkhodimye i dostatochnye dlia того, chtoby vsiakaa nepreryvnala funktsiia, analiticheskai vo vnutrennikh ego tochках, dopuskala ravnomernoe priblizhenie ratsional'nymi drobiami/. 07 p1212 A67-19137
- VIVDENKO, M. I.**
Mechanism of decay of a jet into large drops. 04 p0609 A67-15591
- VIVENTI, R., JR.**
Design and demonstration of a radioisot. [AIAA PAPER 67-425] 18 p3075 A67-33909
- VIVIAN, W. E.**
On the application of coherent optical processing techniques to synthetic-aperture radar. 01 p0022 A67-10430
- VIVIAND, H.**
Heat transfer in laminar source flow between a stationary and a rotating disk. 04 p0729 A67-15812
Laminar source flow between two parallel coaxial disks rotating at different speeds. 23 p3988 A67-40602
- VIVONA, R. F.**
The periodical components of the Piccardi D-test. 06 p0994 A67-17638
- VLAARDINGERBROEK, M. T.**
Theory of Cerenkov coupling to beam-plasma systems. 01 p0040 A67-11314
- VLACHY, J.**
Physical research with the Cosmos satellites /Fysikalni vyzkum na družicich kosmos/. 09 p1570 A67-21654
- VLADIMIR, L. O.**
An approach system for all places - The Talar landing approach system. 06 p1028 A67-17721
- VLADIMIROV, F. S.**
Penetration of a jet into a channel /Pronikanie strui v kanal/. 20 p3357 A67-37052
- VLADIMIROV, N. P.**
Polarization of pearl-type pulsations /O polarizatsii kolebaniil tipa "zhemchuzhlin"/. 16 p2667 A67-31485
Certain characteristics of the electromagnetic resonances of the earth-ionosphere cavity /Nekotorye kharakteristiki elektromagnitnykh rezonansov polosti zemli-ionosfera/. 17 p2847 A67-32942

VLADIMIROV, V. I.

- Breakdown in transparent dielectrics caused by intense laser radiation. 03 p0439 A67-14367
- Damage produced by a laser beam in a transparent dielectric. 08 p1337 A67-20840
- Evaluation of the amplitude of a signal with a random initial phase, using a simple cost function /Otsenka amplitudy signala so sluchainoi nachal'noi fazoi pri prostoi funktsii stoimosti/. 16 p2623 A67-31015
- Statistical relationships governing the formation of cracks in polymethylmethacrylate under the action of laser radiation. 20 p3473 A67-36161
- VLADIMIRSKII, B. M.**
- Relation between radio bursts of the fourth type and the solar diurnal variation of cosmic rays and the relationship between the first and second harmonics according to IGY data /Sviaz' mezhduradiovplyskami IV tipa i solnechno-sutochnoi variatsiei kosmicheskikh luchei i sootnoshenie pervoi i vtoroi garmonik po dannym za period MGG/. 05 p0881 A67-16116
- Small flare effects in cosmic rays according to stratospheric measurements /Malye efekty vspyshkek v kosmicheskikh luchakh po izmereniyam v stratosfere/. 23 p4057 A67-41115
- Relation between type IV radio bursts and the solar-diurnal variation of cosmic rays and the ratio of the first and second harmonics according to data for the period of the IGY. 24 p4214 A67-42792
- VLASAK, M.**
- Effect of startle on performance of men. 22 p3756 A67-40537
- VLAZENKO, N. A.**
- Nature of the centers of luminescence in pure cadmium sulfide /O prirode tsentrov svecheniya v chistom sernistom kadmi/. 03 p0433 A67-12890
- On certain properties of GaP films. 16 p2729 A67-31065
- VLADES, G. C.**
- Pressure probes for research in plasma dynamics and detonation. 20 p3443 A67-36514
- VLASOV, E. V.**
- Investigation of turbulence in connection with the determination of the acoustic characteristics of a jet. 14 p2302 A67-28301
- Acoustic modification of the aerodynamic characteristics of a turbulent jet /Akusticheskoe vozdeistvie na aerodinamicheskie kharakteristiki turbulentnoi strui/. 22 p3785 A67-40019
- VLASOV, I. U. S.**
- Nomogram for determining the lifetime of a satellite /Nomogramma dlia opredeleniya vremeni sushchestvovaniya ISZ/. 13 p2213 A67-27324
- VLASOV, M. A.**
- Experimental study of the instability of an inhomogeneous plasma /Eksperimental'noe issledovanie neustoiichivosti neodnorodnoi plazmy/. 01 p0123 A67-10739
- Effect of a radial electrical field on the instability of an inhomogeneous plasma /Vliianie radial'nogo elektricheskogo polia na neustoiichivost' neodnorodnoi plazmy/. 01 p0123 A67-10741
- Experimental investigation of instability in an inhomogeneous plasma. 13 p2166 A67-26768
- Influence of a radial electric field on the instability of an inhomogeneous plasma. 13 p2166 A67-26770
- Low-pressure arc discharge in a magnetic field. 20 p3498 A67-36683
- VLASOV, V. F.**
- Fine and rough convergence of interpolation and quadrature processes. 02 p0259 A67-11919
- VLASOV, V. I.**
- Refinement of the method of statistical trials /Monte-Carlo method/ for the computation of rarefied gas flows. 01 p0055 A67-11292
- Observations of fluctuations in the radio intensity of the quasi-stellar source 3C 48 produced by nonuniformities in the interplanetary plasma. 03 p0509 A67-13204
- Observations of the fluctuations of radio sources on inhomogeneities of interplanetary plasma /Nabludeniya mertsanliya radioistochnikov na neodnorodnostyakh mezplanetnoi plazmy/. 20 p3529 A67-37514
- VLASOV, V. P.**
- Experiment concerning the operation of a molecular-beam laser on board a satellite

- /Opyt raboty molekulyarnogo generatora na iskusstvennom sputnike zemli/. 21 p3582 A67-38594
- VLASOV, V. V.**
- Basic problems in the theory of elasticity /Ob osnovnykh zadachakh teorii uprugosti/. 21 p3725 A67-38792
- VLASOVA, E. N.**
- Study of the structural characteristics of alloys with an fcc lattice. I /Issledovanie strukturnykh osobennostei sployov s gtsk reshetkoi. I/. 17 p2872 A67-32723
- VLIEGENTHART, A. C.**
- On the 9-point difference formula for Laplace's equation. 22 p3826 A67-39195
- VLIET, G. C.**
- Thermal energy transport characteristics along the laminations of multilayer insulations. [AIAA PAPER 67-295] 12 p2035 A67-26010
- VLOKH, O. G.**
- Spontaneous electrooptical effect in triglycin sulfate crystals /Spontannii elektroopticheskii efekt v kristalakh triglitsinsulfatu/. 01 p0129 A67-10138
- VOCKE, W.**
- Finite elastic deformation /Endliche elastische Verformungen/. 16 p2764 A67-30855
- VODAR, B.**
- Variation of the elastic constants of molten silica as a function of temperature /variation des constantes de la silice fondue en fonction de la temperature/. 04 p0683 A67-15499
- Stimulated inverse Raman effect /Effet Raman inverse stimule/. 14 p2333 A67-28985
- VODIANITSKII, A. A.**
- Energy losses of a modulated azimuthal current in a plasma situated in a magnetic field /Poteri energii azimutalnogo modulirovannogo toka v plazme, nakhodiasheisia v magnitnom pole/. 16 p2716 A67-31177
- VODOPIANOV, L. K.**
- Disordered regions in InSb produced by fast-neutron bombardment /O razuporiadochennykh oblastiakh v InSb, obuslovlennykh obлучeniem bystryimi neitronami/. 15 p2541 A67-30234
- VOEGTLEN, H. D.**
- A review of the major findings of the Weapon System Effectiveness Industry Advisory Committee /WSEIAC/. 01 p0170 A67-11334
- VOELK, H. J.**
- Constants of the motion and microscopic stability of plasmas. 22 p3849 A67-39700
- VOELKER, H.**
- On geomagnetic pulsations accompanying storm sudden commencements and sudden impulses. 05 p0795 A67-16026
- VOELZ, H.**
- Comparative considerations concerning the magnetic storage of low frequencies /Vergleichende Betrachtungen zur magnetischen Speicherung tiefer Frequenzen/. 07 p1147 A67-19632
- VOGE, J.**
- Intelsat and the International Consortium for Telecommunications by Satellites /Intelsat et l'Organisation Mondiale des Telecommunications par Satellites/. 06 p0956 A67-17556
- Influence of propagation factors on the temperature of noise of a receiver at hyperfrequencies /Influence des facteurs de propagation sur la temperature de bruit d'un recepteur aux hyperfrequences/. 12 p1904 A67-25308
- Report of the president of commission II /Rapport du president de la commission II/. 14 p2264 A67-28393
- World telecommunications by satellites /Telecommunications mondiales par satellites/. 14 p2270 A67-28583
- Regional and world telecommunications by satellites /Telecommunications mondiales et regionales par satellites/. 17 p2813 A67-32397
- World-wide satellite communications /Telecommunications mondiales par satellites/. 21 p3581 A67-38211
- VOGEL, D. C.**
- Experimental arrangement for comparison of the optical and physical characteristics of particulate smokes. 12 p1946 A67-25982
- VOGEL, G.**
- Presentation of the results of an FAA study of land-use planning relating to aircraft noise in the vicinity of civil airports /Darstellung der Ergebnisse einer Studie der Federal Aviation Agency /FAA/ ueber den

- Einfluss des Flugzeuglaerms auf die Bauleitplanung in der Umgebung von Verkehrsflughaeften/. 03 p0358 A67-12979
- VOGEL, G. E.**
- Evidence for chemical bond formation at silane coupling agent interfaces. 20 p3474 A67-37269
- VOGEL, J.**
- Bifurcation of the identically vanishing solution of a certain class of nonlinear integral equations of the Hammerstein type. I /Ueber die Verzweigung der identisch verschwindenden Loesung einer Klasse nichtlinearer Integralgleichungen vom Hammerstein-Typ. I/. 16 p2695 A67-30858
- VOGEL, M.**
- Electron emission cools noise-diode cathode. 01 p0033 A67-10024
- VOGEL, U.**
- Molecular fluxes in the lunar atmosphere. 05 p0904 A67-17404
- VOGEL, W. H.**
- Low-cycle fatigue of three superalloys under cyclic-extension and cyclic-temperature conditions. [ASME PAPER 67-MET-19] 12 p1956 A67-25955
- VOGELER, K.**
- Thrust staging as an advantageous thrust program for the ascent from low orbit /Schubstufung als guenstiges Schubprogramm fuer den Aufstieg auf niedrige Kreisbahnen/. 23 p4071 A67-41314
- VOGELEY, A. W.**
- Piloted space-flight simulation at Langley Research Center. [ASME PAPER 66-WA/AV-2] 04 p0599 A67-15395
- Piloted simulators for space research. 16 p2654 A67-30761
- VOGT, F. B.**
- An objective approach to the analysis of tilt table data. 05 p0754 A67-16276
- Plasma volume and extracellular fluid volume change associated with 10 days bed recumbency. 07 p1134 A67-19858
- Tilt table response and blood volume changes associated with fourteen days of recumbency. 07 p1135 A67-19863
- Electrocardiogram preprocessing unit. 09 p1455 A67-21715
- Effect of complex measuring instrumentation upon the tilt table response. 10 p1602 A67-23823
- Plasma volume and tilt table response to water immersion deconditioning experiments using extremity cuffs. 15 p2428 A67-29271
- A linear beat-by-beat cardiotelemetry. 15 p2432 A67-29920
- Tilt table and plasma volume changes with short term deconditioning experiments. 17 p2805 A67-31953
- Effectiveness of extremity cuffs or leotards in preventing or controlling the cardiovascular deconditioning of bedrest. 18 p2992 A67-34715
- VOGT, G.**
- Obtaining airline tickets for third persons /Erwerb von Flugscheinen fuer Dritte/. 20 p3555 A67-36300
- VOGT, T.**
- Impulse measurements of an electric engine by a vacuum microbalance technique. 04 p0620 A67-14734
- VOHL, P.**
- GaAs thin-film solar cells. 10 p1596 A67-23165
- VOHR, J. H.**
- An experimental study of Taylor vortices and turbulence in flow between eccentric rotating cylinders. [ASME PAPER 67-LUB-12] 24 p4145 A67-42673
- VOIGT, E. D.**
- Comparative investigation of the physical fitness of man with respect to manual labor, oxygen deficiency, and acceleration /Vergleichende Untersuchungen der koerperlichen Leistungsaehigkeit des Menschen bei Muskelarbeit, im Sauerstoffmangel und bei Beschleunigung/. 03 p0364 A67-13924
- VOIKHANSKAIA, N. F.**
- Physical conditions in solar faculae. 01 p0151 A67-11285
- VOINICH, B. A.**
- Power aspects of a radar survey of limited regions of the earth's surface /Energetika radiolokatsionnogo obzora ogranichennykh uchastkov zemnoi poverkhnosti/. 07 p1139 A67-19225

- VOINOV, I. U. P.**
Production of spectra of multiply charged ions by focusing laser radiation on a solid target. 12 p1986 A67-26065
- VOISHVILLO, G. V.**
Transistor amplifier stage stabilization over a wide temperature and parameter range. 04 p0586 A67-15669
- VOITENKO, A. E.**
The brightness temperature of shock waves in xenon and air. 05 p0795 A67-17544
- VOITENKO, D. M.**
Supersonic regions in three-dimensional separated flows /O sushchestvovani sverkhzvukovykh zon v prostranstvennykh otrynnykh techeniakh/. 10 p1590 A67-23025
- VOITONIS, V. V.**
Measurement of ultrasonic absorption in gases by the acoustic interferometer method. 06 p1004 A67-18395
- VOITOV, V. P.**
Multipurpose spectrometer for studying the atmospheric short-wave radiation field /Universal'nyi spektrometr dlia issledovaniia polia korotkovolnovogo izlucheniia v atmosfere/. 19 p3227 A67-34860
- VOITOVICH, I. D.**
Analysis of a multistable-state cryotron memory circuit /Analiz krlotronnoi zapam'latovuluchoi skhemi z bagat'ma stilikmi stanami/. 06 p0966 A67-18242
- VOITOVICH, R. F.**
Calculation of reduced thermodynamic potentials for some carbides and nitrides /Raschet privedennykh termodinamicheskikh potentsialov nekotorykh karbidov i nitridov/. 11 p1804 A67-23901
Kinetics of the oxidation of hafnium between 300 deg and 1200 deg. 13 p2132 A67-26999
- VOITSEKHIVSKII, O. V.**
Study of the electrical properties of InAs and a super II B super IV C super V sub 2-compound-based solid solutions /Doslidzhennia elektrichnykh vlastivostei tverdkh rozchlniv na osnovi InAs i spoluk a super II B super IV C super V sub 2/. 16 p2732 A67-31480
- VOITSENIA, V. S.**
Application of a variable-field Thomson mass spectrograph to the time resolution of spectra /Ispol'zovanie peremennogo elektricheskogo polia v massspektrografe Tomsona dlia razresheniia spektrov vo vremeni/. 15 p2526 A67-29258
Thomson mass spectroscopy for studying plasmoids /Mass-spektroskop Tomsona dlia izucheniia plazmennyykh sgustkov/. 15 p2486 A67-29260
Ion energy spectra in an accelerated plasma. 15 p2532 A67-30264
- VOJTA, G.**
Dynamic adiabatic equations of state for partially ionized gases with chemical reactions. 19 p3286 A67-35348
Theory of wave propagation in partially ionized plasmas with internal relaxation processes. 19 p3290 A67-35375
- VOKHMIANIN, I. T.**
Load-carrying capacity of plane and reinforced cylindrical shells /Nesushchaia sposobnost' gladkikh i podkreplennykh tsilindricheskikh obolochek/. 10 p1720 A67-23600
- VOKUN, V.**
Modern trends in experimental research of thermal fatigue /Moderni smery v eksperimentalnim vyzkumu tepelne unavy/. 09 p1576 A67-22475
Loading of jet engines during operation /Zatzenii proudovykh motoru v provozu/. 19 p3311 A67-35816
The influence of temperature-cycle characteristics on the shape of thermal-fatigue hysteresis loops /Vliv karakteru teploinogo tsyklu na tvar hystereznich smycek tepelne unavy/. 19 p3343 A67-35820
- VOLAROVICH, M. P.**
Optical characteristic of some cosmic and terrestrial surfaces /Opticheskala kharakteristika nekotorykh kosmicheskikh i zemnykh poverkhnostei/. 15 p2516 A67-29152
The optical characteristics of some cosmic and terrestrial surfaces. 24 p4190 A67-43075
- VOLCHEK, B. B.**
Three-dimensional effects with an MHD flow in a channel with sectional electrodes /Prostranstvennye efekty pri MGD-techenii v kanale s sektiionirovannymi elektrodami/. 21 p3665 A67-38242
- VOLCHKOV, E. P.**
Turbulent thermal boundary layer on a flat plate with a thermally insulated section. 16 p2594 A67-31201
- VOLCHKOV, I. U. M.**
Asymmetric buckling of cylindrical shells under creep conditions /Nesimmetrichnoe vypuchivanie tsilindricheskikh obolochek v usloviakh polzuchesti/. 24 p4250 A67-42306
- VOLCHKOV, N. M.**
Selection of code-selector parameters /O vybore parametrov kodovogo selektora/. 18 p3000 A67-34088
- VOLD, C. L.**
X-ray diffraction study of the perfection of niobium /columbium/ single crystals. 05 p0828 A67-16470
- VOLDEK, A. I.**
Various determinations of the magnetic Reynolds number /O razlichnykh opredeleniakh magnitnogo chisla Reimol'dsa/. 04 p0670 A67-15533
- VOLEK, J.**
Significant meaning of the X-ray examination of pilots' arms after aircraft collisions /Expertizni vyznam Rtg vysetrovani rukou pilotu pri leteckych katastrofach/. 14 p2255 A67-28227
Our experience with rentgenographic kymography in evaluating the state of the cardiovascular apparatus in middle-aged pilots. 22 p3753 A67-40543
- VOLES, R.**
Frequency correlation of clutter. 01 p0023 A67-10468
A radar phase locking technique. 05 p0780 A67-17521
- VOLFSON, A. A.**
Fundamental-absorption edge of silicon heavily doped with donor and acceptor impurities /Krai sobstvennogo pogloscheniia kremliia, sil'no legirovannogo donornymi ili akseptornymi primeslami/. 13 p2173 A67-26361
Fundamental absorption edge of silicon heavily doped with donor or acceptor impurities. 21 p3680 A67-38318
- VOLGENAU, E.**
On the Mayer problem technique for the constrained error coefficient criterion function optimization problem in aerospace guidance and control. 02 p0265 A67-12389
- VOLGER, J.**
Electric transport in n-type Fe sub 2 O sub 3. 02 p0299 A67-12085
- VOLGIN, L. I.**
Calculation of the error in measurements of the rms value of fluctuating signals. 10 p1607 A67-23451
- VOLIAK, L. D.**
Experimental determination of the saturated vapor pressure of sodium and potassium. 09 p1579 A67-21857
- VOLK, F.**
Analytical investigation of hexogen-octogen mixtures /Analytische Untersuchung von Hexogen-Octogen-Gemischen/. 05 p0872 A67-17153
- VOLK, I. M.**
Free oscillations of an elastic hysteresis-type system with one degree of freedom on the condition that the hysteresis loop has a parallelogram shape /Svobodnye kolebania uprugoglastereznnoi sistemy s odnoi stepen'iu svobody pri uslovii, chto petlia glstereznisa imeet formy parallelogramma/. 12 p1967 A67-25660
- VOLKENSHTEIN, F. F.**
Electron processes at the semiconductor surface in the presence of chemisorption /Elektronnye protsessy na poverkhnosti poluprovodnika pri khemosorbtsii/. 03 p0492 A67-13315
Electronic processes at the surface of a semiconductor during chemisorption. 16 p2724 A67-30491
- VOLKENSHTEIN, N. V.**
Anisotropy of the Hall effect in dysprosium /Ob anizotropii efekta Kholla v disprozii/. 01 p0133 A67-10743
Anisotropy of the Hall effect in dysprosium. 13 p2176 A67-26772
Magnetic, microwave and electric properties of some oxide compounds of divalent europium. 16 p2733 A67-31732
- VOLKIN, H. C.**
Generalized potentials for inelastic scattering. 14 p2350 A67-27789
- VOLKMANN, C. M.**
Fatty acid synthetase of *Saccharomyces cerevisiae*. 19 p3178 A67-35873
- Subcellular sites involved in lipid synthesis in *Saccharomyces cerevisiae*. 21 p3573 A67-37919
- VOLKMER, K.**
Experimental study of performance characteristics in a zero potential energy manual task. 21 p3577 A67-38074
- VOLKOGON, G. M.**
Study of the effect of zirconium additions on the plasticity and the deformation characteristics of nickel within a wide range of temperatures /Izuchenie vlianiia dobavok tsirkoniia na plastichnost' i osobennosti deformatsii nikelia v shirokom diapazone temperatur/. 24 p4169 A67-41922
- VOLKOLUPOV, I. U. IA.**
Injection and trapping of charged particles in a magnetic mirror. 02 p0274 A67-12457
Capture of charged particles in pulsed injection into a trap with stationary fields. 02 p0274 A67-12458
Charged-particle energy distribution in a magnetic trap. 02 p0274 A67-12459
- VOLKOV, A. F.**
Waves in semiconductors with a negative differential resistance /Volny v poluprovodnikakh s otritsatel'nyim differentsial'nyim soprotivleniem/. 04 p0678 A67-15129
Waves in semiconductors having negative differential resistivity. 12 p1978 A67-25153
Appearance of nonuniform current distribution in semiconductors with negative differential conductivity /O vozniknovenii neodnorodnogo raspredeleniiaтока v poluprovodnikakh s otritsatel'noi differentsial'noi provodimost'iu/. 19 p3301 A67-34900
- VOLKOV, A. S.**
Recombination processes in p-InSb /Rekombinatsionnye protsessy v p-InSb/. 12 p1983 A67-25512
Temperature dependence of the hole-capture cross section in InSb /O temperaturnoi zavisimosti secheniia zakhvata dyrok v InSb/. 12 p1984 A67-25523
Recombination processes in p-type InSb. 18 p3103 A67-34443
Temperature dependence of the cross section for the capture of holes in InSb. 18 p3103 A67-34454
- VOLKOV, E. A.**
Solution of the Dirichlet problem using higher-order differences. 19 p3249 A67-34794
Solution of the Dirichlet problem using higher-order differences. 20 p3475 A67-36651
- VOLKOV, E. D.**
Current heating of plasma in a closed magnetic trap /Tokovyi nagrev plazmy v zamknutom magnitnoi lovushke/. 16 p2717 A67-31186
- VOLKOV, I. A. F.**
Coaxial plasma source with a superimposed azimuthal magnetic field /Koaksial'nyi istochnik plazmy s nalozhennym azimutal'nyim magnitnym polem/. 15 p2526 A67-29254
Measurement of theta-pinch parameters in an azimuthal magnetic field /Izmerenie parametrov theta-pincha v azimutal'nom magnitnom pole/. 16 p2718 A67-31187
- VOLKOV, I. U. M.**
Electrical conductivity and energy in nonequilibrium plasma /Elektroprovodnost' i balans energii v neravnovesnoi plazme/. 16 p2709 A67-30516
Dynamics of channel formation in a nonequilibrium pulsed discharge and the nonequilibrium ionization in inert gas/cesium mixtures /Dinamika razvitiia kanala neizoter mcheskogo impul'snogo razriada i neravnovesnaya ionizatsiia v smeslakh inertnykh gazov s cesiumom/. 19 p3278 A67-35132
- VOLKOV, L. P.**
Some properties of shock waves produced in air by exploding wires. 09 p1532 A67-22064
- VOLKOV, N. V.**
Influence of interelectrode distance on the operation of a cesium thermionic converter. 09 p1444 A67-22007
Diagnostics of low-temperature cesium plasma. 22 p3845 A67-39425
- VOLKOV, S. D.**
Distribution of elastic deformations in the structure of quasi-isotropic polycrystalline titanium. 01 p0093 A67-10100
Reliability of nonlinearly elastic structural elements with respect to random external

- loads /O nadezhnosti nelinelno-uprugikh
elementov konstruktssil pri sluchainykh
vneshnikh slakh/. 07 p1261 A67-19171
- VOLKOV, V. M.**
Selective transistorized logarithmic
amplifiers /Izbratel'nye logarifmicheskie
uslilteli na tranzistorakh/. 02 p0215 A67-11978
Selective logarithmic amplifier with a
video output /Izbratel'nyi logarifmicheskii
usliltel's videovykhodom/. 05 p0773 A67-16459
Phase characteristics of some I.F.
amplifier circuits with a logarithmic
amplitude characteristic /Fazovye
kharakteristiki nekotorykh skhem UPCh s
logarifmicheskoi amplitudnoi
kharakteristikoi/. 06 p0972 A67-18899
Application of the partially Chebyshev
approximation principle to the solution of
some applied problems of radio engineering
/O primenenii chastichno chebyshevskogo
printsipa priblizhenia k resheniiu
nekotorykh prikladnykh zadach
radiotekhniki/. 19 p3201 A67-34909
- VOLKOVA, L. V.**
Cross sections of inelastic interaction
between nucleons and pi-and K-mesons on
various nuclei at high energy levels
/Sechenia neuprugogo vzaimodelstvia
nuklonov, pi-i K-mezonov na razlichnykh
iadrakh pri vysokikh energiyakh/. 24 p4192 A67-42852
- VOLKOVA, M. A.**
Study of the phase diagram of titanium-
rich alloys of the system Ti-Al /Issledovanie
diagrammy ravnovesia bogatykh titanom
spлавov sistemy Ti-Al/. 07 p1204 A67-19267
Study of alloys of the ternary system Ti-
Al-V /Issledovanie spлавov troinnoi sistemy
Ti-Al-V/. 07 p1205 A67-19273
- VOLKOVA, N. V.**
Destruction of LiF single crystals under
the effect of laser radiation /O razrushenii
monokristallov LiF pod deystviem lazernogo
izlucheniya/. 01 p0086 A67-10071
Kinetics of the formation and healing of
the damage caused by a laser beam in
lithium fluoride single crystals /Kinetika
obrazovaniia i zalechivaniia razrusheniia,
vyzvanogo lazernym luchom, v
monokristallakh fluoristogo
litliya/. 05 p0867 A67-17057
Fracture of LiF single crystals under the
action of laser radiation. 08 p1339 A67-21454
Kinetics of the formation and healing of
damage caused by a laser beam in lithium
fluoride single crystals. 15 p2538 A67-29788
- VOLKOVA, R. M.**
Effect of rare-earth metals on the
properties of EP357 steel /Vlianie
redkozemel'nykh metallov na svoystva stali
EP357/. 24 p4169 A67-41920
- VOLKOVICH, V. L.**
Optimal filtration in spatially distributed
systems /Optimal'naya fil'tratsiya v
prostranstvenno raspredelennykh
sistemakh/. 03 p0391 A67-13181
Influence of the error in realization of an
optimal distributed filter. 20 p3408 A67-37040
Optimal detection by a spatially
distributed receiving
system. 20 p3383 A67-37070
Optimal filtration of a random field by a
distributed receiving system /Optimal'naya
fil'tratsiya sluchainogo polia raspredelennym
priemnym ustroystvom/. 20 p3385 A67-37376
- VOLKOVISKY, V.**
Application of a new type of thermopile
receiver to actinometry /Application d'un
nouveau type de recepteur a thermopile a
l'actinometrie/. 21 p3628 A67-38530
- VOLLAND, H.**
A two-dimensional dynamic model of the
diurnal variation of the thermosphere.
I. 04 p0611 A67-14651
On the dynamics of the upper
atmosphere. 10 p1640 A67-23218
Heat-conduction waves in the upper
atmosphere. 15 p2475 A67-29617
The physical behavior of the upper
atmosphere deduced from satellite drag
data. 19 p3214 A67-34931
- VOLLAND, I.**
High power ion lasers with wall-stabilized
arc discharge. 16 p2685 A67-30825
- VOLLERNER, N. F.**
Estimate of the amplitude of an echo-
signal with consideration of the a priori
distribution of the probability density of its
levels /Otsenka amplitudy ekho-signal'a s
uchetom apriornogo raspredeleniia plotnosti
veroiatnosti ego urovnel/. 02 p0194 A67-11976

- VOLLMER, H. D.**
The influence of higher order
contributions to the correlation function of
the intensity fluctuation in a laser near
threshold. 15 p2496 A67-29091
The transient solution of the laser Fokker-
Planck equation. 20 p3461 A67-37183
- VOLLMER, J.**
Traveling wave masers - A
review. 02 p0251 A67-11787
Applied lasers. 16 p2685 A67-31195
- VOLMNIR, A. S.**
Buckling of bars under
impact. 01 p0165 A67-11303
- VOLOBUEV, I. V.**
Influence of small amounts of niobium on
the mechanical properties of 25G2
steel. 06 p1018 A67-18235
- VOLOBUEV, V. F.**
A correlation meter of the velocity of a
motion of a plant in an electromagnetic field
/Korelatsionnyi vmirlyuvach shvidkosti rukhu
ob'ekta v elektromagnitnomu
poli/. 21 p3631 A67-39115
- VOLODICHEV, N. N.**
Study of the chemical composition of
primary cosmic rays in the moderate-energy
range with the aid of the satellite Proton 1
/Izuchenie khimicheskogo sostava
pervichnykh kosmicheskikh luchei v oblasti
umerennykh energii na ISZ
Proton-1/. 05 p0877 A67-16087
Study of the proton component of the
inner radiation belt in the Brazilian anomaly
with the aid of the satellites Proton 1 and 2
/Issledovanie protonnoi komponenty
vnutrennego radiatsionnogo polosa v
Brazil'skoi anomalii na ISZ Proton-1 i
Proton-2/. 05 p0878 A67-16089
Determination of the location of the
cosmic-ray equator from the results of
measurements on board the satellite Proton 1
/Opredelenie polozheniia ekvatora
kosmicheskikh luchei po rezul'tatam
izmerenii na ISZ
Proton-1/. 05 p0878 A67-16090
Proton-2 earth satellite study of the
nuclear component of primary cosmic rays
/Izuchenie iadernoi komponenty pervichnykh
kosmicheskikh luchei na ISZ
"Proton-2"/. 09 p1561 A67-21897
Study of superheavy nuclei in cosmic rays
/Izuchenie sverkh'tiazhelykh iader v
kosmicheskikh luchakh/. 17 p2935 A67-32248
Study of the energy distribution of
cosmic-ray particles with various masses
with the aid of the satellites Proton 1 and
Proton 2 /Izuchenie energeticheskogo
raspredeleniia chastits kosmicheskikh luchei
s razlichnymi massami na ISZ "Proton-1" i
"Proton-2"/. 17 p2935 A67-32249
Study of the chemical composition of
primary cosmic rays in the intermediate-
energy range on the Proton 1 and 2 space
stations /Izuchenie khimicheskogo sostava
pervichnykh kosmicheskikh luchei v oblasti
umerennykh energii na kosmicheskikh
stantsiyakh Proton-1 i
Proton-2/. 23 p4054 A67-41093
Study of the forms of the energy spectra
of nuclei with various Z values from
measurements on the Proton 1 and 2 space
stations /Izuchenie vida energeticheskikh
spektrov iader razlichnykh Z po izmereniiam
na kosmicheskikh stantsiyakh Proton-1 i
Proton-2/. 23 p4054 A67-41094
Investigation of the chemical composition
of primary cosmic rays in the region of
moderate energies by means of Proton
I. 24 p4212 A67-42763
Investigation of the proton component of
the inner radiation belt in the Brazilian
anomaly by means of Proton I and Proton
II. 24 p4212 A67-42765
Determination of the location of the
cosmic ray equator on the basis of data
recorded by Proton I. 24 p4212 A67-42766
- VOLOGZHANINOV, I. I.**
Study of hole-weakened shells of negative
Gaussian curvature, using the photoelasticity
method /Issledovanie oslablennykh
otverstii obolochek otritsatel'noi
gaussovoi krivizny metodom
fotoopugosti/. 11 p1879 A67-24888
- VOLOKHOV, V. S.**
Dispersion method of /spontaneous/
subdivision of an image space into compact
sets /images/ /Dispersiini metod
samovil'nogo /spontannogo/ rozbittia
prostoru zobrazen' na kompaktni mnozhini
/obrazi/. 03 p0374 A67-13081

- Description of visual images by spectral
redistribution functions /Opis vizual'nykh
zobrazen' funktsiyami
spektra/. 21 p3605 A67-39114
- VOLOKOBINSKII, I. U. M.**
Thermal processes in thin
films. 18 p3100 A67-33766
- VOLOSEVICH, P. P.**
Self-similar problem of the expansion of
an electrically conducting gas into a medium
with a given axial magnetic field
/Avtomodel'naya zadacha o razlete
elektroprovodnogo gaza v sredu s zadannym
osevym magnitnym
polem/. 13 p2169 A67-27307
Nonlinear effect of the formation of a
self-sustaining high-temperature electrically
conducting gas layer in unsteady MHD
processes /Neliniy efekt obrazovaniia
samopodderzhivayushchegosia vysoko-
temperaturnogo elektroprovodnogo sloia gaza
v nestatsionarnykh protsessakh magnitnoi
gidrodinamiki/. 14 p2355 A67-27839
- VOLOSHIN, I. F.**
Temperature characteristics of an AC
posistor /Temperaturnaya kharakteristika
pozistora na peremennom
toke/. 24 p4130 A67-42253
- VOLOSHIN, V. A.**
Method of measuring the amplification
factor of circular-polarization antennas
/Metod izmereniia koeffitsienta usileniia
antenn krugovoi
polarizatsii/. 02 p0209 A67-11505
Method of measuring the gain of circular
polarization antennas. 14 p2283 A67-28069
- VOLOSHIN, V. T.**
Experimental investigation of the stability
of a cylindrical shell under longitudinal
impact /Eksperimental'noe issledovanie
ustoiчивosti tsilindricheskoi obolochki pri
prodol'nom udare/. 14 p2401 A67-28736
- VOLOSOV, V. D.**
Effect of the spatial structure of a laser
beam on second-harmonic generation in ADP
and KDP crystals /Vlianie prostranstvennoi
strukturny puchka opticheskogo kvantovogo
generatora na generatsiiu vtoroi harmoniki v
kristallakh ADP i KDP/. 09 p1511 A67-21916
Effect of the spatial structure of a laser
beam on the generation of the second
harmonic in ADP and KDP
crystals. 14 p2329 A67-28245
A possibility of decreasing the angular
divergence of the radiation of a single-pulse
laser /Ob odnoi vozmozhnosti umen'sheniia
uglovogo raskhozhdeniia izlucheniia
monimpul'snogo OKG/. 18 p3061 A67-34042
- VOLOSOV, V. I.**
Method for injecting charged particles into
magnetic traps /Ob odnom metode inzhektsii
zaryazhennykh chastits v magnitnye
lovushki/. 01 p0122 A67-10350
A method of injecting charged particles
into a magnetic trap. 11 p1844 A67-25023
- VOLOSOV, V. M.**
Certain stability conditions associated with
resonance studies /O nekotorykh usloviakh
ustoiчивosti, svyazannykh s issledovaniem
rezonansov/. 01 p0113 A67-10675
Problem of steady-state rotations in an
autonomous system /K voprosu o
statsionarnykh vrashcheniyakh v avtonomnoi
sisteme/. 05 p0847 A67-17475
Resonance in a rotating system /O
rezonanse vo vrashchatel'noi
sisteme/. 09 p1532 A67-21910
Higher-order resonance rotations
/Rezonansnye vrashcheniia vysshiikh
stepenel/. 12 p1967 A67-26102
- VOLOVIK, M. V.**
Generation of the second optical harmonic
in GaSe crystals /Generatsiya drugoi
optichnoi garmoniki viprominiuvannia
kristally GaSe/. 24 p4167 A67-42074
- VOLOVIK, V. D.**
Measurement of coherent radio emission
of extensive air showers of cosmic rays
/Izmerenie kogerentnogo radioizlucheniia
shirokikh atmosferynykh lunei kosmicheskikh
luchei/. 02 p0318 A67-12783
Radio emission of extensive air showers
/EAS/ of cosmic rays. 12 p1940 A67-25337
Measurement of the coherent radio-
frequency radiation of extensive air
showers. 22 p3878 A67-40285
- VOLPERT, V. S.**
Three-dimensional problem of the
elasticity theory for an ellipsoid of
revolution and an ellipsoidal cavity
/Prostranstvennaya zadacha teorii uprugosti

- dila ellipsoida vrashchenia i ellipsoidal'noi polosti/. 21 p3718 A67-37984
- VOLTERRA, E.**
Upper and lower bounds of frequencies for cantilever bars of variable cross sections. 05 p0910 A67-16151
Experimental and theoretical determination of frequencies of elastic toroids. 13 p2219 A67-27091
- VOLYNKIN, I. U. M.**
Data on the condition of the cosmonauts during the flight of the spacecraft Voskhod /Nekotorye dannye o sostoyanii kosmonavtov vo vremia poleta kosmicheskogo korabla "Voskhod"/. 02 p0185 A67-11545
Ensuring radiation safety during flights of the spaceships "Voskhod" and "Voskhod 2" /Obespechenie radiatsionnoi bezopasnosti pri poletakh korabel "Voskhod" i "Voskhod-2"/. 02 p0308 A67-12321
Provision for radiation safety in flights of "Voskhod" and "Voskhod-2" ships. 14 p2256 A67-27863
Some data on the condition of cosmonauts during the flight of the "Voskhod" spaceship. 16 p2614 A67-31611
- VOLZ, R. A.**
Optimal control of discrete systems with constrained sample times. 16 p2646 A67-31635
Design of a digital controller for a tracking telescope. 16 p2629 A67-31688
Design of a digital controller for a tracking telescope. 24 p4154 A67-42176
- VOLZE, J.**
Organic dye solution laser. 02 p0253 A67-12515
- VOLZHENSKAIA, V. A.**
Transverse pulse /Poperechnyi impuls/. 02 p0271 A67-12752
Transverse momentum. 22 p3841 A67-40254
- VOM STEIN, H.-D.**
A perturbation calculation for determining the electromagnetic field in nonadapted waveguide cross sections /Eine Störungsrechnung zur Bestimmung des elektromagnetischen Feldes in nicht angepassten Wellenleiterquerschnitten/. 20 p3382 A67-36862
- VON ARDENNE, M.**
Continuous electron beam processing plant for plane thin-film resistors. 04 p0600 A67-15479
- VON ARX, W. S.**
A study of satellite altimetry for geophysical and oceanographic measurement. 16 p2742 A67-30688
- VON BARANOFF, A.**
Analytical form of the kernels of the generalized Possio integral equation /Ueber die analytische Form des kerns der verallgemeinerten Possioschen Integralgleichung/. 06 p0935 A67-17623
- VON BECKH, H. J.**
Criteria for emergency recompression procedures during space flight as studied by the exposure of chimpanzees to a near vacuum. 14 p2257 A67-28219
- VON BONIN, L.**
Prospects of piston and turbojet engines for light aircraft /Zukunftsaspekte der Kolbenmotoren und Turbotriebwerke fuer Leichtflugzeuge/. 03 p0502 A67-13006
Parametric investigation concerning the influence of the propulsion system on the takeoff weight of a VTOL subsonic ground-combat system /Parametrische Untersuchungen ueber den Einfluss der Triebwerksanlage auf das Abfluggewicht eines vertikal startenden Unterschallbodenkampf-Waffensystems/. 23 p3934 A67-41315
- VON BONSDORFF, M. G.**
Nuclear MPD gas turbine power plant. 16 p2603 A67-30562
- VON BRAUN, W.**
A statement on nuclear propulsion. 06 p1098 A67-19019
Lunar logistics and Apollo manned space flight operations. 09 p1486 A67-22403
News about the Diademe 1 and 2 satellites /Nouvelles des satellites Diademe I et II/. 17 p2941 A67-32232
Space prospects before the space age began - And today. 23 p4086 A67-40917
- VON BUELOW, K.**
Geological interpretation of moon-probe photographs /Sonden-Mondphotos in geologischer Sicht/. 19 p3327 A67-35830
- VON DALLARMI, G.**
Lightweight vertical multi-wire antennas for HF range. 06 p0973 A67-19050
- VON DER DECKEN, J.**
Aerodynamic properties of slender wings at near-ground level /Aerodynamische Eigenschaften schlanker Fluegel in Bodennaeh/. 23 p3930 A67-41310
- VON DIRINGSHOFEN, H.**
Altitude controller for VTOL aircraft /Hoeohenregler fuer VTOL-Flugzeuge/. 03 p0363 A67-12981
Use of roll-angle indicators for avoiding spatial disorientation during instrument flight. 13 p2063 A67-26927
"human factors and anthropotechnology" in the development of weapon systems /"Faktor Mensch und Anthropotechnik" bei der Entwicklung von Waffensystemen/. 18 p2993 A67-33643
- VON DIRINGSHOFEN, H. V.**
Human-engineering aspects of automation and reliability in aircraft design /Anthropotechnische Aspekte der Automatisierung und Zuverlaessigkeit im Luftfahrzeugbau/. 04 p0562 A67-14535
- VON ELBE, G.**
The deflagration of hydrazine dichlorolate. 14 p2376 A67-28551
- VON ENGEL, A.**
Ionization by electron reactions in hot gases at atmospheric pressure /Ionizatsia gorlachiikh gazov elektronami pri atmosfernom davlenii/. 17 p2968 A67-32149
- VON ENGELHARDT, W.**
Chemical composition of Rles glass bombs. 24 p4233 A67-42621
- VON ESSEN, K. J.**
The backscattering and extinction of visible and infrared radiation by selected major cloud models. 17 p2817 A67-33293
- VON FLUE, R. J.**
Pneumatic starting systems. [ASME PAPER 67-GT-15] 11 p1854 A67-24800
- VON GIERKE, H. E.**
On the measurement of the transmission of external force through fluid systems in primates. 10 p1600 A67-23821
- VON GIERKE, H. F.**
Simulation of aerospace flight acceleration and dynamic pressure environments for biodynamics research. [AIAA PAPER 67-279] 15 p2465 A67-29425
- VON GOELER, S.**
Direct measurement of the confinement time of cesium plasma in a Q device. 11 p1835 A67-24385
Direct measurement of the confinement time of cesium plasma in a Q-device. 18 p3093 A67-34757
Production of a thermally ionized plasma with negative ions. 19 p3272 A67-35084
- VON GUTFELD, R. J.**
Temperature dependence of heat-pulse propagation in sapphire. 01 p0131 A67-10341
- VON HOERNER, S.**
Design of large steerable antennas. 11 p1768 A67-24777
- VON KANN, C. F.**
A systems approach to air transportation planning. 19 p3348 A67-34974
- VON KOENIG, E.**
Stability of the Nystroem and Fehlberg methods /Zur Stabilitaet des Nystroemschen und des Fehlberg-Verfahrens/. 09 p1524 A67-21935
Stability of the Fehlberg method for n equals 1 /Zur Stabilitaet des Fehlberg-Verfahrens fuer n equals 1/. 09 p1524 A67-21936
- VON KOENIGSWALD, G. H. R.**
Tektil studies. IX. 15 p2551 A67-29093
- VON MUENCH, W.**
Gallium arsenide planar technology. 07 p1155 A67-19889
- VON ORTENBERG, M.**
Effect of sintering temperature on the density and mobility of conduction electrons in cadmium oxide /Der Einfluss der Sintertemperatur auf die Dichte und Beweglichkeit der Leitungselektronen in Kadmium-Oxyd/. 10 p1691 A67-23503
- VON PRAGNAU, G. L.**
Free flight simulated on ground with the Apollo Saturn V space vehicle. 21 p3607 A67-37796
- VON PUTTKAMER, E.**
Energy measurement of photoelectrons and Franck-Condon factors for vibrational transitions of molecular ions /Energiesmessung von Photoelektronen und Franck-Condon-Faktoren der Schwingungsuebergaeenge Molekuelionen/. 17 p2888 A67-32356
- VON ROOS, O.**
Generalized physical optics approximation for the scattering of electromagnetic radiation from imperfect conductors of irregular shape. 11 p1820 A67-24913
- VON ROSENBERG, D. U.**
Unsteady discharge of a viscous gas from a duct. 19 p3172 A67-35780
Numerical solution of compressible flow in ducts. 22 p3784 A67-39945
- VON ROSENVINGE, T.**
Observations on nuclei heavier than iron in the primary by cosmic radiation. 11 p1856 A67-24504
- VON SCHMELING, H. H. K.**
Influence of reforming processes on the fracture strength of solids. 08 p1423 A67-21302
- VON SZABO, E.**
Thermoelectric generators for high performance /Thermoelektrische Generatoren fuer hohe Leistungen/. 04 p0559 A67-15961
- VON VERESS, E.**
Project of a nuclear-powered dirigible - New paths in aeronautics /Das Projekt eines Atomluftschiffes - Neue Wege der Luftschifffahrt/. 16 p2597 A67-31787
- VON VICK, G.**
Accelerometers - Frequency response. 04 p0627 A67-15792
- VON ZAHN, U.**
Neutral constituents of the upper atmosphere in the altitude range of 110 to 160 km above Sardinia. 10 p1639 A67-23213
- VONBUN, F. O.**
Long range planning for tracking and communications for manned planetary mission. [AIAA PAPER 67-976] 24 p4125 A67-43052
- VONDERHAAR, D. F.**
Observation of plasma ion oscillations in a laser-produced plasma. 17 p2901 A67-32368
- VONSOVSKII, S. V.**
Exchange interaction in rare-earth metals and alloys. 16 p2733 A67-31730
- VOOK, F. L.**
Transient radiation defects. 19 p3305 A67-35667
- VOOK, R. W.**
Quantitative, in situ, X-ray diffractometer investigations of evaporated metal films. 02 p0287 A67-11713
- VOORHAAR, F. R.**
Phase linearity of microwave components. 06 p0972 A67-18578
Phase linearity of microwave components. 08 p1303 A67-21029
- VOORHEES, B. G.**
Thermionic conversion for space auxiliary power generation. 20 p3364 A67-37019
- VOORHEES, J. E.**
The design and evaluation of a supercritical-speed helicopter power-transmission shaft. [ASME PAPER 67-VIBR-20] 11 p1796 A67-24179
- VOREL, F.**
Remarks on the possibility of determining after the fact the psychological state of a pilot during aircraft collisions /Poznamky k moznosti posouzeni psychickeho stavu pilota post hoc pri leteckych katastrofach/. 14 p2255 A67-28226
- VOROBETCHIK, J.**
The radial guidance - A new guidance scheme for space vehicles. 22 p3830 A67-39164
- VOROBEEV, A. M.**
Thermal processes in a semiconductor diode /Teplovyie protsessy v poluprovodnikovom diode/. 05 p0772 A67-16448
- VOROBEEV, A. P.**
Free motion of a point, taking into account random perturbations of the medium and asphericity of the earth /Svobodnoe dvizhenie tochki s uchedom sluchainykh vozmushchenii srede i nesferichnosti zemli/. 05 p0901 A67-17110
- VOROBEEV, E. A.**
Criteria for the fabrication of large-sized monolithic antenna domes /Nekotorye kriterii proizvodstva krupnogabaritnykh monolitnykh antennykh obtekael/. 02 p0215 A67-11980
Angular errors in antennas with aerodynamic radome heating /Uglovyie

- oshibki anteny pri aerodinamicheskom nagreve obtekatela/. 13 p2080 A67-27034
- Estimation of the effect of external noise on the angular resolution of pencil-beam antennas /Otsenka vlianiia vneshnikh shumov na uglovuiu razreshalushchuiu sposobnost' ostronapravlennykh antenn/. 17 p2826 A67-32685
- VOROBEEV, E. M.**
Asymptotic characteristic of the eigenfunctions of a two-dimensional scalar wave equation with boundary conditions at equidistant curves /Asimptotika sobstvennykh funktsii dvumernogo skaliarnogo volnovogo uravneniia s kraevymi usloviiaimi na ekvidistantnykh krivnykh/. 04 p0570 A67-14743
- VOROBEEV, L. E.**
Effect of a strong electrical field on the Faraday effect in indium antimonide /Vlianie sil'nogo elektricheskogo polia na effekt Faradeia v sur'mianistom indii/. 10 p1695 A67-23663
- Influence of a strong electric field on the Faraday effect in indium antimonide. 17 p2924 A67-33344
- VOROBEEV, L. M.**
Non-linear substitutions in variational problems. 06 p0976 A67-18407
- VOROBEEV, N. F.**
Calculation of the aerodynamic characteristics of a wing profile with blowing of a controllable jet into the external flow /Raschet aerodinamicheskikh kharakteristik profil'a kryla s vydumom reguliruemoi strui vo vneshnoi potok/. 18 p2984 A67-34202
- VOROBEEV, N. M.**
Optimal filtration of nonlinear functionals of Gaussian processes /Ob optimal'noi fil'tratsii nelineinykh funktsionalov ot gaussovskikh protsessov/. 05 p0782 A67-16317
- On optimal filtering of nonlinear functions from Gaussian processes. 18 p3016 A67-33868
- VOROBEEV, P. A.**
New high-power nanosecond switch. 09 p1473 A67-22009
- VOROBEEV, V. G.**
Problem of studying the effect of the kinematic properties of installed gyro-instruments on the dynamics of mobile plants /K voprosu ob issledovanii vlianiia kinematicheskikh svoistv giroskopicheskikh priborov na dinamiku podviznykh ob'ektov/. 11 p1794 A67-25043
- Simulation of some special gyroscope types /O modelirovanii nekotorykh tipov spetsial'nykh giroskopov/. 20 p3451 A67-37154
- VOROBEEV, V. I.**
The problem of detecting repeating incoherent pulsed signals in Gaussian noise /K voprosu ob obnaruzhenii povtorialushchikhsia nekoherentnykh impul'snykh signalov v gaussovom shume/. 18 p2999 A67-33505
- VOROBEEV, V. S.**
Low-temperature nonequilibrium plasma /Neravnovesnaia nizkotemperaturnaia plazma/. 16 p2720 A67-31386
- Causes of the formation of a radiation peak in the atomic spectral lines of a nonequilibrium gas following a shock wave /O prichinakh obrazovaniia pika izlucheniia v atomarnykh spektral'nykh liniakh neravnovesnogo gaza za udarnoi volnoi/. 18 p3083 A67-34060
- VOROBEEV, V. V.**
Crystalline structure of dysprosium at 77 to 300 deg K /Kristallicheskaia struktura disprozia pri 77-300 deg K/. 01 p0133 A67-10744
- Crystal structure of terbium at 120-300 deg K. 09 p1555 A67-22066
- Crystal structure of dysprosium at 77-300 deg K. 13 p2176 A67-26773
- VOROBEEVA, T. M.**
Non-linear substitutions in variational problems. 06 p0976 A67-18407
- VOROBKEVICH, V. IU.**
Frequency doublers based on switching phase detectors /Preobrazovatel' chastoty v dva raza na osnove kliuchevykh fazovykh detektorov/. 22 p3762 A67-39872
- VORONEL, A. V.**
Specific heat of nitrogen near the critical point. 03 p0532 A67-12929
- VORONENKO, V. P.**
Stability criterion for tunnel-diode circuits. 03 p0386 A67-13965
- Basic characteristics and some peculiarities of tunnel-diode autodyne

- frequency converters /Osnovnye kharakteristiki i nekotorye osobennosti avtodinnykh preobrazovatel' chastoty na tunel'nykh diodakh/. 05 p0774 A67-16917
- Basic characteristics and some properties of autodyne tunnel diode frequency converters. 16 p2636 A67-30894
- VORONIN, B. D.**
Method for calculating the operational parameters with allowance for gas-dynamic factors, and the determination of the principal geometric dimensions of an electric arc generator with vortex gas stabilization of the arc /Metodika rascheta rabochikh parametrov s uchedom gazodinamicheskikh faktorov i opredelenie osnovnykh geometricheskikh razmerov elektrodugovogo generatora s vikhrevoi gazovoi stabilizatsiei dugi/. 09 p1547 A67-22320
- VORONIN, F. S.**
Experimental investigation of the hypersonic flow of a rarefied gas past a sphere /Eksperimental'noe issledovanie obtekanii sfery glipervukovym potokom razrezhnennogo gaza/. 14 p2240 A67-27996
- VORONIN, G. V.**
Electric stimulation effect on human vestibular responses to accelerations /Vlianie elektricheskoi stimulatsii na reaktivnyi vestibularnyi apparat cheloveka, vyzvaemye uskorenieniem/. 24 p4112 A67-41859
- VORONKO, IU. K.**
Cerium fluoride with neodymium additions as an active medium for lasers /Tserrfluorit s primes'iu neodima kak aktivnaia sreda dlia opticheskikh kvantovykh generatorov/. 05 p0825 A67-16922
- Neodymium-doped cerium fluoride in lasers. 14 p2330 A67-28262
- Mixed systems on the basis of fluorides as new laser materials for quantum electronics - The optical and emission parameters. 16 p2725 A67-30809
- VORONKO, O. N.**
Means of increasing the Q-factor of the resonator cavity of a neodymium laser /Ob odnoi vozmozhnosti uvelicheniia dobrotnosti rezonatora neodimovogo opticheskogo kvantovogo generatora/. 13 p2130 A67-27629
- One possibility of increasing the Q of the resonator of a neodymium laser. 21 p3642 A67-38825
- VORONKOV, E. N.**
Effect of the condensation rates of CdTe, Te, and Cd on the critical temperatures and the phase composition of their films /Vlianie skorosti kondensatsii CdTe, Te i Cd na kriticheskie temperatury i fazovyi sostav plenok/. 15 p2537 A67-29706
- Effects of CdTe, Te, and Cd condensation rates on the critical temperatures and phase content of thin films. 24 p4199 A67-41776
- VORONKOV, V. E.**
Rotation of an elastoplastic rod after bending /Vrashchenie predvaritel'no izognutogo uprugoplasticheskogo sterzhnia/. 06 p1107 A67-18635
- VORONOV, G. S.**
Multiphoton ionization of atoms. II /Mnogofotonnaia ionizatsiia atomov. II/. 06 p1037 A67-18796
- Multiphoton ionization of atoms. II. 18 p3083 A67-34415
- Multiple-photon ionization of atoms and molecules in a strong electromagnetic wave field. 19 p3265 A67-35164
- VORONOV, G. T.**
Exobiology and the effect of physical factors on micro-organisms. 15 p2427 A67-29117
- VORONOV, V. M.**
Some properties of shock waves produced in air by exploding wires. 09 p1532 A67-22064
- VORONOVA, L. I.**
Determination of dynamic characteristics for some nonlinear automatically controlled plants /Vznacheniia dinamicheskikh kharakteristik delakikh nelineinnykh ob'ektiv avtomaticheskogo reguliuvaniia/. 06 p0976 A67-18241
- Some methods of controlled plants dynamic characteristics determination and investigation of their accuracy. 15 p2462 A67-30328
- New method for determining the characteristics of complex dynamic systems /Novyi metod opredeleniia kharakteristik slozhnykh dinamicheskikh sistem/. 20 p3412 A67-37378
- VORONTSOV, V. I.**
Propagation of electromagnetic waves in a

- moving gyrotropic medium /Rasprostranenie elektromagnitnykh voln v dvizhushchelsia girotropnoi srede/. 05 p0761 A67-16207
- Quadratic relations in moving media electrodynamics /Kvadratichnye sootnosheniia v elektrodinamike dvizhushchikhsia sred/. 05 p0844 A67-16354
- VOROPAEV, IU. P.**
Reflection coefficient for a waveguide with a large number of discontinuities. 22 p3770 A67-39661
- VOROSHILOV, IU. V.**
Ti-Zr-C and Ti-Hf-C ternary systems /Troinye sistemy Ti-Zr-C i Ti-Hf-C/. 15 p2505 A67-30388
- VOROTNIKOV, G. S.**
Interrelation and peculiarities of the processes of stress relaxation, creep, and uniaxial elongation /Relaksatsiia napriazhenii, polzuchest' i odnoosnoe rastiazhenie, obshchnost' i osobennosti protsessov/. 06 p1109 A67-18809
- VOROTNIKOV, P. E.**
Energy of ions ejected from a high-frequency source /Energiia ionov, vykhodiaschikh iz vysokochastotnogo istochnika/. 03 p0424 A67-14261
- Nanosecond-pulse ion source /Nanosekundnyi impul'snyi istochnik ionov/. 03 p0425 A67-14262
- Energy of ions emerging from high-frequency sources. 14 p2321 A67-28773
- A nanosecond pulsed ion source. 14 p2321 A67-28774
- VOROVICH, I. I.**
General representations of solutions of the equations in the theory of multilayer anisotropic shells. 01 p0162 A67-10985
- On the solution of nonlinear boundary value problems of the theory of elasticity by a method of transformation to an initial value Cauchy problem. 03 p0524 A67-13623
- Asymptotic solution of the elasticity problem for a hollow, finite length, thin cylinder. 06 p1100 A67-18033
- Asymptotic behavior of the solution of the problem of elasticity for a thin spherical shell. 11 p1871 A67-24152
- VOSHAGE, H.**
Cosmic-ray exposure ages and origin of iron meteorites /Bestrahlungsalter und Herkunft der Eisenmeteorite/. 15 p2556 A67-29664
- VOSHEDCHENKO, B. M.**
Influence of molybdenum on the properties of Kh15N85 alloy. 06 p1018 A67-18229
- VOSILIUS, I. I.**
Optical phonon production and galvanomagnetic effects for a large-anisotropy electron distribution. 06 p1010 A67-17884
- VOSKRESENSKII, A. D.**
Data on the condition of the cosmonauts during the flight of the spacecraft Voskhod /Nekotorye dannye o sostoianii kosmonavtov vo vremia poleta kosmicheskogo korablia "Voskhod"/. 02 p0185 A67-11545
- Some data on the condition of cosmonauts during the flight of the "Voskhod" spaceship. 16 p2614 A67-31611
- VOSKRESENSKII, D. I.**
Radiation patterns of arc antenna arrays. 02 p0214 A67-11906
- Directivity factor of convex pencil-beam antennas /Koeffitsient napravlennoogo deistviia vypuklykh ostronapravlennykh antenn/. 13 p2080 A67-27025
- Radiation patterns of annular slots on a conducting conical surface /Diagrammy napravlennosti kol'tsevykh shchelei na provodiashei konicheskoi poverkhnosti/. 13 p2080 A67-27026
- Range properties of the pencil-beam arrays of arc antennas /Diapazonnost' ostronapravlennykh dugovykh antenykh reshetok/. 13 p2080 A67-27027
- Frequency-scanning array of emitters on a convex curve /Chastotno-skaniirulushchala reshetka izluchatelei na vypukloi krivoi/. 13 p2069 A67-27031
- VOSKRESENSKII, G. P.**
Calculation of supersonic flow past pointed nonaxisymmetrical bodies /Raschet sverkhzvukovogo obtekaniiia ostrykh neosesimmetrichnykh tel/. 13 p2051 A67-27617
- VOSKRESENSKII, V. IU.**
Thermal conductivity and emissivity of niobium at temperatures above 1000 deg C. 09 p1517 A67-21856

- Thermophysical properties of heat-resistant tungsten-rhenium alloy VR-27-VT. 12 p1956 A67-25758
- Thermophysical properties of tantalum at temperatures above 1000 deg C. 16 p2692 A67-31771
- VOSS, K.**
Information-theoretical investigation of the superposition approximation /Informationstheoretische Untersuchung der Superpositionsnäherung/. 18 p3078 A67-33669
- VOSTROVA, Z. I.**
Optimal processes in sampled-data systems containing objects with distributed parameters. 06 p0976 A67-18404
- VOSTRY, J.**
A note on Tuominen's modification of Babcock's theory of the solar magnetic field. 05 p0897 A67-16809
- Amplification of the dipolar magnetic field of the sun by differential rotation. 10 p1705 A67-22895
- VOTAW, M. J.**
The Early Bird project. 16 p2760 A67-30692
- VOUGARIS, N. C.**
On the variation of small-signal alphas of a p-n-p-n device with current. 17 p2911 A67-32193
- VOVELLE, P.**
High-stability master oscillator of the D1 satellites /Le pilote haute stabilité des satellites D1/. 21 p3591 A67-38206
- VOVKODAV, I. F.**
Logarithmic particular solutions to the equation of cyclic deformation of a shallow conical shell /O logarifmicheskikh chastnykh resheniyakh uravneniya tsilindricheskoi deformatsii plogoi konicheskoi obolochki/. 06 p1109 A67-18664
- VOZBINAS, S. IU.**
Certain possibilities of phase separation and synchronization during the separation of several amplitude-modulated signals with overlapping spectra /Nekotorye vozmozhnosti razdeleniya i sinkhronizatsii faz pri razdelenii neskol'kikh amplitudno-modulirovannykh signalov s perekryvayushchimisya spektrami/. 05 p0764 A67-16903
- Phase detection and synchronization when several amplitude-modulated signals with overlapping spectra are separated. 16 p2622 A67-30879
- VOZHDAEV, V. S.**
Approximate solution of the problem of one-pulse and two-pulse optimum transfer between coplanar circular orbits /Priblizhennoe reshenie zadachi ob optimal'nykh odnoimpul'snykh i dvukhimpul'snykh pereletakh mezhdru komplanarnymi krugovymi orbitami/. 09 p1564 A67-21888
- VOZILKIN, V. A.**
Relation between the structure and superconductivity parameters of the alloy of zirconium with 4 per cent niobium. 10 p1689 A67-23090
- VOZNESENSKII, A. A.**
Calculation of elastoplastic shells of revolution in complex form /K raschetu uprugoplasticheskikh obolochek vrashcheniya v kompleksnoi forme/. 24 p4250 A67-42305
- VOZNESENSKII, I. V.**
Superhigh-frequency radio receivers /Radiopriemniki SVCh/. 17 p2822 A67-32020
- VOZNIUK, A. V.**
Transverse oscillations of an elastic inhomogeneous rod /Poperechnye kolebaniya uprugogo neodnorodnogo stержnia/. 17 p2962 A67-32873
- VRANA, M.**
Observation of the movement of electric domains in n-Ge having a partially compensated upper Au level. 08 p1367 A67-20411
- VRATARIC, F., JR.**
A meteorological telemetry system for gun-launched probes. 08 p1292 A67-20664
- VREBALOVICH, T.**
Heat loss and recovery temperature of fine wires in transonic transition flow. 14 p2405 A67-28177
- VREE, P. H.**
Chemiluminescent gas-phase reactions involving electronically excited oxygen molecules. Trimethyl-aluminum and diborane near 3 mtorr. 01 p0019 A67-11007
- Chem-ionization in the reaction between C sub 2 F sub 4 and atomic nitrogen-atomic oxygen mixtures. 18 p3107 A67-33805
- REUX, J.-M.**
A high luminosity spectrograph for recording the far ultra-violet spectra of aurora. 14 p2315 A67-28157
- VRONSKII, S.**
Temperature distribution in laminar fluid flows for large values of the tangential stresses /Raspredelenie temperatury v zhidkostyakh pri laminarnom techenii v usloviyakh bol'shikh znachenii kasatel'nykh napryazhenii/. 13 p2224 A67-27049
- VRUBLEVSKAIA, Z. V.**
Layer structure of cold-rolled molybdenum /Sloistaya struktura kholodnokatanogo molibdena/. 01 p0101 A67-10939
- The layered structure of cold-rolled molybdenum. 22 p3820 A67-39792
- VRZHESHCH, E. IA.**
Preparation and properties of carbides /Ti, W, Cr/C/. 16 p2691 A67-31587
- VSEKHSVIATSKAIA, I. S.**
Ionospheric "turbidity" /O "mutnosti" ionosfery/. 02 p0236 A67-11670
- Method of calculating the signal intensity along a short-wave path /Metod rascheta intensivnosti signala vdol' korotkovolnovoi trassy/. 10 p1603 A67-22793
- Ionospheric "turbidity." 16 p2665 A67-31085
- Method of computing signal intensity along a short-wave link. 24 p4120 A67-42129
- VSEKHSVIATSKII, S. K.**
Physical Characteristics of Comets Observed from 1954 through 1960 /Fizicheskie Kharakteristiki Komet, Nabludavshikhsia v 1954-1960 gg./. 05 p0886 A67-16030
- Visual observations of the Alcock 1963b comet /Vizual'nye nabludeniya komety 1963b Olkoka/. 05 p0888 A67-16204
- Problems of comet photometry /Problemy kometnoi fotometrii/. 05 p0890 A67-16330
- Physical characteristics of comets from 1961 to 1965 /Fizicheskie kharakteristiki komet 1961-1965 godov/. 06 p1083 A67-18163
- Physical characteristics of comets observed during 1961-1965. 16 p2741 A67-30507
- VSEVOLODOV, N. N.**
Destruction of transparent materials by laser radiation - Formation of gas bubbles and wedging of the material by gas pressure. 09 p1516 A67-22660
- VU HUY DAT, R.**
Ferroelectricity of barium titanate thin films of less than one micron thickness. 21 p3687 A67-39142
- VUILLEMIN, M.**
Calculation of the statistical entropy of a plasma out of equilibrium /Calcul de l'entropie statistique d'un plasma hors d'équilibre/. 24 p4196 A67-42158
- VUILLEMIER, R.**
Coherent amplification characteristics of GaAs phased array. 22 p3813 A67-39254
- VULLOD, J.**
Epitaxy of silicon on corundum - Measurement of the electronic characteristics of epitaxial deposits /Epitaxie du silicium sur corindon - Mesures des caracteristiques electroniques des depots epitaxiaux/. 02 p0294 A67-11755
- Gallium arsenide epitaxial films obtained by the vapor phase transport technique /Couches epitaxiales d'arseniure de gallium obtenues par la technique de transport en phase vapeur/. 08 p1368 A67-20726
- VUKANOVIC, D.**
Axial distribution of the radial separation effect in the plasma of a DC arc /Achsiale Verteilung des radialen Entmischungseffektes im Plasma des Gleichstrombogens/. 19 p3281 A67-35156
- VUKANOVIC, V.**
Dwell times and velocities of particles in the arc plasma /Verweilzeiten und Geschwindigkeiten der Teilchen im Bogenplasma/. 19 p3281 A67-35155
- VUKOBRATOVIC, M.**
Sensitivity of weakly damped self-excited systems oscillating in the stability-limit region /Empfindlichkeit von schwach gedampften selbsterregten Systemen, welche in dem Bereich der Stabilitaetsgrenze schwingen/. 13 p2216 A67-26627
- VUL, B. M.**
The polarization of radiation from gallium arsenide diodes. 01 p0034 A67-10090
- Contact effects in the degenerate semiconductors at low temperature. 06 p1069 A67-18976
- Photovoltaic electromotive force of a p-n junction intensely illuminated in silicon /F.E.M. photovoltaïque d'une jonction p-n intensely illuminee dans le silicium/. 08 p1285 A67-20732
- Optical absorption, photoconductivity and p-n junctions in cadmium telluride. 08 p1368 A67-20734
- Observation of electric "domains" in high-resistance GaAs with the aid of the electro-optic effect. 22 p3857 A67-39459
- VULIS, L. A.**
Mercury flow in a duct in a transverse magnetic field /Tehenie rtuti v lotke v poperechnom magnitnom pole/. 01 p0120 A67-10179
- Numerical solution of some problems of boundary-layer theory. 04 p0603 A67-14642
- Effective control of expansion of a turbulent jet /Ob effektivnom upravlenii rasprostraneniem svobodnoi turbulentnoi strui/. 06 p0982 A67-17744
- Certain results of theoretical investigations of magnetogasdynamic flows /Nekotorye rezul'taty teoreticheskikh issledovani magnitogazodinamicheskikh skikh techenii/. 09 p1541 A67-21807
- Hysteresis phenomena in conducting gas flows in the channel of an MHD energy converter. 09 p1444 A67-21859
- Thermal regime of combustion of an electric arc /O teplovom rezhime gorenia elektricheskoi dugi/. 12 p2033 A67-25314
- Graph-analytical calculation of an MHD-generator channel /Grafoanaliticheskii raschet kanala MGD-generatora/. 13 p2169 A67-27308
- Some observations of a flow of mercury in a trough in a transverse magnetic field /Nekotorye nabludeniya techeniya rtuti v lotke v poperechnom magnitnom pole/. 16 p2713 A67-30578
- Estimation of the effect of the temperature dependence of conductivity on MGD flows /K otsenke vlianiya temperaturnoi zavisimosti provodimosti v magnitogazodinamicheskikh techeniyakh/. 16 p2721 A67-31392
- Investigation of one-dimensional plasma flow in the channel of an MHD energy converter /Issledovanie odnomernogo techeniya plazmy v kanale MGD-preobrazovatelya energii/. 24 p4196 A67-42216
- VUN KANNON, R. S.**
Development and use of a bidirectional spectroradiometer. [AIAA PAPER 67-313] 12 p1946 A67-26028
- VURIN, V. N.**
Interaction of the elements of the periodic system /O vzaimodeistvii elementov periodicheskoi sistemy/. 06 p1035 A67-17845
- VURZEL, F. B.**
High-frequency electrodeless plasmatron for atmospheric pressure /Vysokochastotnyi bezelektroodnyi plazmatron pri atmosfernom davlenii/. 17 p2897 A67-32175
- VUSHAN, V. A.**
Construction and some uses of the volt-ampere characteristic of a combination of two tunnel diodes /Postroenie vol'tamperno kharakteristiki kombinatsii iz dvukh tunnel'nykh diodov i nekotorye ee primeneniya/. 03 p0377 A67-13236
- VVEDENSKAIA, N. D.**
Three-dimensional laminar boundary layer on a blunt body /O trekhmernom laminarnom pogranchnom sloe na zatuplennom tele/. 03 p0349 A67-12868
- Solution of boundary-layer equations in the vicinity of a critical point /O reshenii uravnenii pogranchnogo sloia v okrestnosti kriticheskoi točki/. 21 p3613 A67-38422
- VVEDENSKII, IU. V.**
A generator of nanosecond light pulses /Generator nanosekundnykh svetovykh impul'sov/. 19 p3228 A67-34988
- VYBORNOV, B. I.**
Method of interpreting oscillograms during an ultrasonic inspection of turbine and compressor blades. 06 p1007 A67-18098
- VYKUKAL, H. C.**
Effects of combined linear and vibratory accelerations on human body dynamics and pilot performance. 02 p0189 A67-12409
- VYSE, B.**
An investigation of pulsed magnetron performance at X band with voltage rise times in the nanosecond region. 09 p1479 A67-22262
- VYSKA, K.**
The effect of a boundary layer on certain gas states in a shock tube with a nozzle /Der Einfluss der Grenzschicht auf einige

- Gaszustaende in einem Stossrohr mit Duese/. 17 p2837 A67-32346
- VYSOTSKII, B. F.**
Power aspects of a radar survey of limited regions of the earth's surface /Energetika radiolokatsionnogo obzora ogranichennykh uchastkov zemnoi poverkhnosti/. 07 p1139 A67-19225
- VYSOTSKII, V. G.**
Effect of space-flight factors on wheat seeds and plants grown from them. 11 p1747 A67-24081
The problem of verifying the permissible doses of ionizing radiation for space-vehicle crews /Problema obosnovaniia dopustimykh doz ionizirulushchei radiatsii dlia chlenov ekipazha kosmicheskikh korabel/. 16 p2617 A67-30764
- VYSTAVKIN, A. N.**
Investigation of the effect of impurities and magnetic field on the detection properties of n-InSb in the millimeter and submillimeter ranges /Issledovanie vlianiia primesei i magnitnogo polia na detektirulushchie svoystva n-InSb v millimetrovom i submillimetrovom diapazonakh/. 19 p3300 A67-34762
- VZIATYSHEV, V. F.**
Excitation of a dielectric waveguide that has a small delay. 03 p0385 A67-13953
- W**
- WAALAND, I. T.**
Gulfstream II aerodynamic design. 12 p1894 A67-25497
- WACHMAN, H. Y.**
Formula for thermal accommodation coefficients. 12 p2040 A67-26229
Accommodation coefficients of nitrogen and helium on nitrogen covered tungsten between 325 deg -496 deg K. 13 p2223 A67-26944
Velocity distribution measurements by a sensitive time of flight method. 14 p2316 A67-28185
- WACHMAN, M.**
A discrete ordinate technique for the non-linear Boltzmann equation with application to pseudoshock relaxation. 13 p2102 A67-26973
- WACHNIN, W.**
Venus - A hot planet/ques/ /Die Venus - Ein heisser Planet/ques/. 05 p0886 A67-16029
- WACHTEL, J. M.**
Negative electron cyclotron resonance absorption due to collisions. 22 p3842 A67-40346
- WACHTER, J. W.**
Neutron and proton spectra from targets bombarded by 160-Mev protons. 23 p4028 A67-40739
- WACHTMAN, J. B., JR.**
Mechanical properties of ceramics - An introductory survey. 20 p3473 A67-36645
- WACKERLING, L. R.**
Ultraviolet stellar spectroscopy on Gemini 11. 10 p1706 A67-23060
- WACKS, K. P.**
Photomultiplier gate for stimulated-spontaneous light scattering discrimination. 17 p2863 A67-33353
- WACSH, D.**
Photon-enhanced field emission from CdS single crystals. 11 p1845 A67-24133
- WADA, I.**
Experimental study of hypersonic low density flow by using the electron beam fluorescence method. 14 p2300 A67-28176
- WADA, J. Y.**
Nonlinear scattering of microwaves by a travelling-wave density-modulated plasma column. 01 p0027 A67-11324
Measurements of microwaves scattered from a moving density-modulated plasma. 01 p0027 A67-11325
Electron energy distribution and thermalization measurements in plasmas. 19 p3274 A67-35105
- WADA, M.**
The location and spectra of cosmic X-ray sources. 12 p1995 A67-25761
Double sunspot-cycle variation in cosmic ray diurnal variation. 22 p3874 A67-40046
- WADA, T.**
Decrease of built-in voltage in tunnel diodes caused by irradiation. 09 p1471 A67-21764
Junction potential in irradiated tunnel

- diodes. 22 p3767 A67-39369
- WADDELL, R. C.**
Solar cell radiation damage on satellites Relay I and Relay II. 17 p2804 A67-32840
- WADDELL, J.**
Flying the 747. [AIAA PAPER 67-397] 15 p2421 A67-30364
- WADDELL, J. H.**
Solar content of C super 13. 02 p0324 A67-11770
- WADDELL, J., III**
Symmetry of the time axis and solar observations. 06 p1079 A67-17605
- WADDOUPS, I. G.**
Solar tidal variations of sporadic E. 13 p2107 A67-26306
- WADDOUPS, R. O.**
Rocket measurement of midlatitude night airglow emissions. 23 p3995 A67-40813
- WADE, D.**
The multiple internal communications system concept - Single coaxial cable interconnects all system components by multiplexing. 13 p2083 A67-27447
- WADE, J. H. T.**
Flow phenomena and heat transfer effects in a 90 deg bend. 09 p1487 A67-21831
- WADE, L., JR.**
Tilt table response and blood volume changes associated with fourteen days of recumbency. 07 p1135 A67-19863
- WADE, R. B.**
Investigation of cavitating cascades. [ASME PAPER 66-WA/FE-25] 04 p0607 A67-15355
Linearized theory of a partially cavitating cascade of flat plate hydrofoils. 16 p2662 A67-31550
- WADE, W. R.**
The thermal radiation characteristics of some high-emittance coatings for space applications. [ASM PAPER C6-4.3] 23 p4020 A67-41404
- WADEHRA, N. S.**
Audio frequency spectrum of a radio atmospheric at large distances. 03 p0415 A67-14117
Phase spectra of distant atmospherics. 24 p4149 A67-42068
- WADSWORTH, E. A.**
Computerized aircraft synthesis. 21 p3568 A67-38534
- WAECH, T. G.**
Calculated spectrum of quasibound states for H sub 2 /super 1 sigma sub g super plus/ and resonances in H plus H scattering. 18 p3084 A67-34523
- WAEHNELDT, T. V.**
Phosphorylation of nucleosides with polyphosphoric acid. 13 p2065 A67-26807
- WAENKE, H.**
Neutron produced phosphorus-32 in the Barwell and St. Severn meteorites. 06 p1078 A67-17604
Meteorite age and related problems of cosmic chemistry /Meteoritenalter und verwandte Probleme der Kosmochemie/. 12 p1903 A67-25429
Helium and neon isotopes in iron meteorites and the tritium loss in hexahedrites /Helium-und Neonisotope in Eisenmeteoriten und der Tritiumverlust in Hexaedriten/. 17 p2942 A67-32359
Metamorphosis and equilibrium in chondrites. 18 p3134 A67-34494
- WAESCHE, R. H. W.**
Investigation of solid propellant decomposition characteristics and their relation to observed burning rates. 15 p2544 A67-29989
The effects of pressure and additives on the kinetics of decomposition of ammonium perchlorate. 19 p3309 A67-35003
- WAGANER, L. M.**
Experimental simulation of nonlinear vibration isolating systems with one and two degrees of freedom. [ASME PAPER 67-VIBR-35] 11 p1873 A67-24192
- WAGENER, E. H.**
Isomerization rates of iminocarbonates. 09 p1459 A67-22363
- WAGER, J. H.**
A new technique for measuring electron temperature and measurements of electron temperature in the lower ionosphere at sunset. 19 p3229 A67-35246
- WAGGONER, J. A.**
Elemental analysis using neutron inelastic scattering. 05 p0843 A67-16545

- WAGGONER, J. N.**
Human tolerance to changes in aircraft cabin pressurization. 10 p1602 A67-23825
The two-gas spacecraft cabin atmosphere engineering considerations. 16 p2617 A67-30776
- WAGNER, C. N. J.**
Faulting in cold worked Ta-10 percent Re and W-20 percent Re. 02 p0256 A67-12701
- WAGNER, F., JR.**
Large volume degausser with gradient compensation. 15 p2517 A67-29491
- WAGNER, G. A.**
New K-Ar and fission track ages of impact glasses and tektites. 11 p1866 A67-24693
- WAGNER, H.**
Future lunar surface missions. [AIAA PAPER 67-27] 15 p2571 A67-30102
The buckling problem of a unilaterally longitudinally reinforced rectangular panel with varying compression /Zum Beulproblem einseitig laengsversteifter Rechteckplatten bei veraenderlichem Druckfluss/. 16 p2763 A67-30792
Microwave measurements on sheet-like semiconductors without a rigid connection into the waveguide /Mikrowellenmessungen an plattenfoermigen Halbleitern ohne starre Einpassung in den Hohlleiter/. 16 p2678 A67-31720
- WAGNER, H. G.**
Studies of unimolecular reactions of triatomic molecules. 18 p3082 A67-33793
The structure of the reaction zones of ammonia-oxygen and hydrazine-decomposition flames. 18 p3155 A67-33838
- WAGNER, H. GG.**
Some new aspects of the mechanism of carbon formation in premixed flames. 18 p3151 A67-33808
- WAGNER, H. J.**
Where Soviet superalloys stand. 10 p1668 A67-23012
Where you can use today's superalloys. 16 p2686 A67-30487
- WAGNER, J. T.**
On-board approach guidance for a planet-orbiter. 04 p0654 A67-15234
Coupling of turbomachine blade vibrations through the rotor. [ASME PAPER 66-WA/GT-5] 04 p0711 A67-15360
Performance evaluation of intercept/rendezvous guidance and navigation for advanced space missions. 17 p2882 A67-32493
Monte Carlo performance analysis of lunar rendezvous guidance. 22 p3832 A67-39965
Coupling of turbomachine blade vibrations through the rotor. [ASME PAPER 66-WA/GT-5] 24 p4251 A67-42461
- WAGNER, K. H.**
Energy conversion with liquid metal working fluids in MHD-staustahlrohr. 16 p2604 A67-30572
- WAGNER, P. E.**
Angular dependence of paramagnetic relaxation for super 2 T sub 2 states in rhombic symmetry - General theory and application to K sub 3 /Co, Fe/ /CN/ sub 6. 01 p0129 A67-10150
- WAGNER, R.**
Production of electromagnetic waves in plasmas through the interaction of longitudinal plasma waves /Erzeugung elektromagnetischer Wellen in Plasmen durch Streuung longitudinaler Plasmawellen an longitudinalen Plasmawellen/. 23 p4033 A67-41151
- WAGNER, R. D., JR.**
Fluid dynamic studies to M equals 41 in helium. [AIAA PAPER 65-399] 04 p0546 A67-14815
- WAGNER, R. E.**
Dynamic study of temperature transducers by use of an optical method. 04 p0624 A67-15417
- WAGONER, G.**
Low-temperature specific heat and density of states of boronated graphite. 05 p0833 A67-17197
- WAGONER, R. V.**
On the synthesis of elements at very high temperatures. 12 p2010 A67-26239
Radio sources and peculiar galaxies. 14 p2393 A67-29026
Some effects of an intervening galaxy on the radiation from very distant objects. 24 p4223 A67-41810

- WAH, T.
Buckling of longitudinally stiffened plates. 10 p1719 A67-23474
- WAHL, A. C.
Slater screening constants in atomic and molecular orbitals. 10 p1682 A67-23378
Pictures of molecular orbitals. 10 p1682 A67-23379
- WAHL, D. J.
A 28 volt logic microcircuit. 16 p2642 A67-31725
- WAHLQUIST, H. D.
Relativistic collapse to a Schwarzschild sphere. [JPL-TR-32-1136] 15 p2564 A67-30438
Herglotz-Noether theorem in conformal space-time. [JPL-TR-32-1125] 17 p2879 A67-32929
- WAIDELICH, D. L.
Methods of measuring electric fields. 08 p1311 A67-20652
The simulation of magnetic environments for testing large spacecraft. 20 p3415 A67-36612
- WAIMANN, G.
Rapid recording of luminous density distribution of decaying plasmas /Schnelle Registrierung der Leuchtdichteverteilung abklingender Plasmen/. 04 p0672 A67-15653
Electron losses in a decaying hydrogen plasma /Elektronenverluste in einem abklingenden Wasserstoffplasma/. 07 p1229 A67-19682
- WAIN, H. L.
Some effects of hydrostatic pressure on yielding and brittleness in iron and chromium. 16 p2689 A67-31328
The effect of free dislocations on yielding and fracture in body-centred cubic metals. 18 p3063 A67-33484
- WAINERDI, R. E.
Lunar and planetary surface analysis using neutron activation. 05 p0843 A67-16546
Extraterrestrial neutron activation analysis. 11 p1749 A67-23976
- WAINIO, K. M.
Solar proton activation of the lunar surface. 05 p0885 A67-17386
- WAIN TAL, A.
A high pressure form of MnYO sub 3 /Une forme haute pression de MnYO sub 3/. 09 p1557 A67-22572
- WAINWRIGHT, J. B.
Test on a thermally scaled model space station in a simulated solar environment. [AIAA PAPER 65-658] 03 p0534 A67-13063
- WAIT, J. R.
Simulation of curvature in a straight model waveguide. 01 p0040 A67-11310
Radiation from a spherical antenna with an anisotropic plasma sheath. 02 p0220 A67-12193
Electromagnetic fields of a dipole over an anisotropic half-space. 02 p0204 A67-12194
Fields of a horizontal dipole over a stratified anisotropic half-space. 03 p0370 A67-13858
Quasi-static theory of a cylindrical impedance probe for magnetoplasma. 05 p0849 A67-16004
Progress in radio propagation in nonionized media. 05 p0760 A67-16009
Progress in ionospheric radio. 05 p0795 A67-16010
Theory of a plasma resonance probe in a magnetic field. 06 p1041 A67-18145
On the theory of transient wave propagation in a dispersive medium. 06 p0964 A67-18767
Illumination of an inhomogeneous spherical earth by an LF plane electromagnetic wave. 07 p1142 A67-19449
Further note on the quasi-static theory of a cylindrical impedance probe for magnetoplasma. 09 p1549 A67-22451
Theory of diffraction by a curved inhomogeneous body. 17 p2817 A67-32930
Resonances of the thin-shell model of the earth-ionosphere cavity with a dipolar magnetic field. 18 p3042 A67-34427
The whispering gallery nature of the earth-ionosphere waveguide at VLF. 19 p3184 A67-35827
Pattern of a linear antenna erected over a tapered ground screen. 22 p3760 A67-39628
Launching a surface wave over the earth. 22 p3763 A67-40306
New asymptotic solution for the electromagnetic fields of a dipole over a stratified medium. 22 p3763 A67-40311
Phase of the electromagnetic field on the surface of an inhomogeneous earth for sky-wave illumination. 23 p3973 A67-40838
On the theory of radiation from a raised electric dipole over an inhomogeneous ground plane. 23 p3980 A67-41202
Electromagnetic whispering gallery modes in a dielectric rod. 23 p3974 A67-41203
- WAITE, R.
Vestibular experiments in Gemini flights V and VII. 13 p2062 A67-26920
- WAITE, R. E.
The manufacture of typical, biologically clean, planetary landing spacecraft to be sterilized. 02 p0188 A67-12380
- WAITER, S. A.
Inverse solution of blunt-body flowfields at large angle of attack. [AIAA PAPER 66-413] 14 p2240 A67-28110
- WAJSGRAS, H.
Safety monitoring instrumentation for the lunar module internal environment simulator. 23 p3969 A67-41640
- WAKAI, N.
Quiet and disturbed structure and variations of the nighttime E region. 22 p3791 A67-39814
- WAKALSKI, M.
Dynamic stability of threaded joints /Dynamiczna wytrzymałosc polaczon gwintowych/. 07 p1190 A67-19353
- WAKELYN, N. T.
Crystallinity index of poly/ethylene terephthalate/ by X-ray diffractometry and differential scanning calorimetry. 04 p0641 A67-14527
- WAKEMAN, J. F.
Radiotracer propellant gauge. 10 p1656 A67-23078
- WAKESHIMA, H.
Mechanism of the inception of hydraulic cavitation. 04 p0606 A67-15123
- WAKIYA, S.
Periodic motions of a viscous fluid past a sphere in a cylindrical tube. 04 p0602 A67-14618
- WAKKER, K. F.
Powered flight of a space vehicle by ion thrust /De gedreven vlucht van een ruimtevoertuig met ionenvoortstuwing/. 13 p2199 A67-27169
- WAKSBERG, A. L.
Visible side-light emission properties of a CO sub 2 -N sub 2 -He plasma induced by the CO sub 2 laser radiation field. 14 p2331 A67-28494
- WALBAUM, M.
Interaction between the red spot of Jupiter and the three new formations of the South Temperate Band /WOS/ /Interaction de la tache rouge de Jupiter et des trois nouvelles formations de la bande temperee sud /WOS//. 15 p2558 A67-30026
- WALBURN, A. B.
An analytical and experimental examination of the effect of cryogenic propellant venting on orbital vehicle dynamic behavior. 22 p3906 A67-40165
- WALCH, A. P.
The annular hollow cathode - Its operation and applications. 04 p0628 A67-15311
- WALCH, P.
Synthesis of a class of highly accurate radio guidance and tracking stations. 02 p0264 A67-12355
- WALCZEWSKI, J.
First series of rocket wind measurements over the Polish coast of Baltic Sea. 19 p3219 A67-35247
- WALD, D.
A new approach to heat flux measurements in fluid systems. 18 p3052 A67-34513
- WALD, F.
A contribution to the question of compatibility between metals and certain high modulus fibers. 03 p0443 A67-13429
- WALDBUSSER, E.
Shape effects on hypersonic slender body wake geometry and transition distance. 13 p2050 A67-26832
- WALDECK, T. A.
A system safety mathematical model for commercial jet airplanes. [AIAA PAPER 67-910] 24 p4096 A67-43017
- WALDIE, B.
An experimental study of gas borne suspensions of thermionic emitters as M.H.D. working fluids. 18 p3086 A67-33707
- WALDMANN, L.
Non-equilibrium thermodynamics of boundary conditions. 21 p3733 A67-39065
- WALDMEIER, M.
Statistics and evolution of sunspots. 13 p2202 A67-27417
- WALDO, R. D.
Some special problems in surface effect ships. [AIAA PAPER 67-346] 14 p2245 A67-28729
- WALDREN, N. E.
Burst strength of rotating discs. 09 p1502 A67-21554
- WALDRON, H. F.
Scattering cross sections of argon and atomic oxygen to thermal electrons. 03 p0472 A67-13320
A mechanism for the conversion of the chemical energy of explosives to the kinetic and internal energy of a gas. [AIAA PAPER 67-178] 06 p1118 A67-18485
Viscous hypersonic flow over pointed cones at low Reynolds numbers. 06 p0943 A67-18845
- WALDRON, P.
Lincoln experimental satellite program - LES-1, -2, -3, -4. 24 p4242 A67-42906
- WALDRON, R. A.
The theory of reflections in a tapered waveguide. 03 p0376 A67-12802
Characteristic impedances of waveguides. 22 p3765 A67-39212
- WALDRON, R. W.
Radiation equilibria pertinent to planetary atmospheres. 03 p0513 A67-14088
- WALDTEUFEL, P.
Detection of movements in the ionosphere by means of incoherent diffusion /Mise en evidence de mouvements dans l'ionosphere au moyen de la diffusion incoherente/. 10 p1632 A67-22858
Demonstration of collisions between ionized particles and neutral particles by means of incoherent diffusion /Mise en evidence au moyen de la diffusion incoherente des collisions entre particules ionisees et particules neutres/. 10 p1646 A67-23268
Measurements of electronic and ionic temperatures by incoherent diffusion /Mesures de temperatures electroniques et ioniques par diffusion incoherente/. 12 p1931 A67-25108
On the diurnal variation of the thermopause temperature. 16 p2666 A67-31416
- WALDVOGEL, J.
Regularization and conformal mapping /Regularisierung und konforme Abbildung/. 15 p2559 A67-30037
Generalization of the Birkhoff regularization for the three-dimensional three-body problem /Die Verallgemeinerung der Birkhoff-Regularisierung fuer das raumliche Dreikörperproblem/. 22 p3881 A67-39513
- WALETZKO, J. A.
RF admittance measurements of a slotted-sphere antenna immersed in a plasma. 14 p2283 A67-28377
- WALKER, A. B. C., JR.
Solar x-ray spectrum below 25 angstrom units. 19 p3318 A67-35198
- WALKER, A. D. M.
The theory of guiding of radio waves in the exosphere. II - Waves propagating with small dispersion. 01 p0027 A67-11259
- WALKER, B.
An analogue method of studying the angular spectrum of radiation reflected from rough surfaces. 06 p0957 A67-17579
Some recent advances in the development of solid state celestial trackers. 09 p1526 A67-22394
- WALKER, C. G.
Auroral excitation of the forbidden lines of atomic oxygen. 20 p3426 A67-36301
- WALKER, D.
Reduction of viscous flows having orthogonal magnetic and velocity field distributions. 16 p2721 A67-31552
- WALKER, D. S.
High-density packaging technique for complex aerospace electronics. 20 p3397 A67-36603
- WALKER, E. H.
Comments on paper by L. D. Jaffe, "Depth of the lunar dust." 02 p0325 A67-11860
The structure of the lunar surface as indicated by the geometry of impact craters. 23 p4065 A67-41003
Statistics of impact crater accumulation on the lunar surface exposed to a distribution of impacting bodies. 23 p4066 A67-41007

- WALKER, F. J.**
An ultra low weight pressure to D.C. voltage transducer. 01 p0075 A67-11136
- WALKER, G.**
Laboratory investigations of meteorite luminescence. 08 p1390 A67-21021
Controlling contamination in the hydraulic system of the Saturn S-IVB stage. 20 p3363 A67-36801
Contamination control in the Saturn S-IVB stage hydraulic system. 23 p3935 A67-40848
- WALKER, H. D.**
Inspection of jet engines by radioisotope. 02 p0303 A67-12219
- WALKER, H. E.**
Reliability assessment and dormant storage. 15 p2495 A67-30418
- WALKER, I. F. M.**
The development and operation of the stabilised Skylark rocket. 08 p1408 A67-20537
- WALKER, J. A.**
Tunnel-diode circuits pave the way. 06 p0970 A67-18203
- WALKER, J. C. G.**
Doppler profiles of the 5577 angstrom units airglow. 05 p0803 A67-17411
[AFCL-67-0443]
Quenching of auroral hydrogen line emission by collisional ionization. 05 p0804 A67-17413
Direct measurements bearing on the question of the nighttime heating mechanism in the ionosphere. 08 p1327 A67-21364
Ion temperatures in the topside ionosphere. 08 p1327 A67-21371
The diurnal variation of ionospheric temperatures. 17 p2850 A67-33192
Thermal diffusion in the topside ionosphere. 20 p3427 A67-36304
Electric field heating of D-region electrons. 24 p4146 A67-41808
[AFCL-67-0121]
- WALKER, J. G.**
A configuration study for an ELDO-PAS test satellite based on communications requirements. 17 p2955 A67-32396
- WALKER, J. L. C.**
Plasma 17 hydroxycorticosteroids in healthy subjects after water immersion of twelve hours' duration. 15 p2427 A67-29270
- WALKER, K. R.**
Simplified engineering techniques for predicting diode tree responses. 04 p0588 A67-15698
- WALKER, L. A.**
Calculation of heat transfer to turbine blading in the presence of secondary flow. 13 p2225 A67-27465
- WALKER, L. C.**
The enthalpy of reaction of sulfur and nitrogen trifluoride. 06 p0955 A67-17986
Enthalpies of formation and bond energies of some fluoramines. 23 p3971 A67-40975
- WALKER, M. L., JR.**
Feasibility study of a laminar NOR unit. 14 p2250 A67-28335
- WALKER, P. H.**
Determination of root loci. 11 p1756 A67-24639
- WALKER, R. F.**
Temperature measurement in high temperature chemistry - 1000-3000 deg C. 20 p3435 A67-36117
- WALKER, R. M.**
Tracks of cosmic rays in plastics. 06 p1076 A67-17641
Origins of fossil charged-particle tracks in meteorites. 07 p1245 A67-19941
Tracks of heavy primary cosmic rays in meteorites. 07 p1245 A67-19942
- WALKER, W. C.**
Ultraviolet optical properties and electronic band structure of magnesium oxide. 13 p2181 A67-27167
Exciton structure in the ultraviolet spectra of KI and RbI. 15 p2520 A67-29768
Optical constants of magnesium oxide and lithium fluoride in the far ultraviolet. 16 p2734 A67-31881
Electronic spectrum and ultraviolet optical properties of crystalline MgO. 20 p3509 A67-36508
Optical study of the electronic structure of diamond. 22 p3862 A67-39999
Electronic spectrum of crystalline lithium fluoride. 23 p4038 A67-40774
- WALKER, W. W.**
Conversion of a large chamber to sputter-ion and titanium sublimation pumping. 12 p1921 A67-25691
- Selection and application of high vacuum pumping systems. 17 p2884 A67-32596
- WALL, C. R.**
Double Langmuir probes for hypervelocity wakes. 11 p1790 A67-24449
- WALL, N. S.**
Quasifree scattering of 160-Mev protons from nuclei. 02 p0269 A67-11862
- WALL, R. A.**
An interference prediction model. 01 p0023 A67-10498
- WALL, V. W.**
Military communications satellite development. 18 p3137 A67-34612
- WALL, W. A., JR.**
Welding skate with computerized torch angle and welding control. 01 p0081 A67-11040
- WALL, W. E.**
Piezoresistive strain gage accelerometers with subcritical damping and high overload capabilities. 01 p0075 A67-11138
- WALLACE, C. A.**
Measurement of the lattice parameter of silicon, using a double-diffraction effect. 01 p0135 A67-10894
- WALLACE, D. A.**
Analysis of high sticking coefficient cryopanel arrays for the simulation of the permissive nature of the space environment. 09 p1485 A67-22122
- WALLACE, F. B., JR.**
On the effect of aerodynamic and gravitational torques on the attitude stability of satellites. 04 p0704 A67-14827
Attitude instability regions of a spinning symmetric satellite in an elliptic orbit. 06 p1095 A67-18312
[AIAA PAPER 67-124]
Attitude instability regions of a spinning symmetric satellite in an elliptic orbit. 19 p3333 A67-35747
Attitude instability regions of a spinning unsymmetrical satellite in a circular orbit. 22 p3899 A67-39311
- WALLACE, G. F.**
Simulation Using Digital Computers. 15 p2440 A67-30133
- WALLACE, J. E.**
Hypersonic turbulent boundary-layer studies at cold wall conditions. 16 p2659 A67-30954
- WALLACE, J. M.**
On the role of mean meridional motions in the biennial wind oscillation. 13 p2151 A67-26738
- WALLACE, K. F.**
An experimental direct electron beam film scanner - One solution to the problems of resolution, readout rate, and signal-to-noise ratio. 17 p2857 A67-32469
- WALLACE, L.**
Rocket measurements of the sodium dayglow. 07 p1180 A67-19917
- WALLACE, L. F.**
Development of large-area 200-volt planar voltage-variable capacitance diodes. 09 p1475 A67-22207
- WALLACE, M. J.**
Hydrodynamic journal bearing tests in molten lithium. 04 p0629 A67-15338
[ASME PAPER 66-WA/LUB-6]
Wear and compatibility behavior of liquid metal bearing materials. 04 p0630 A67-15350
[ASME PAPER 66-WA/LUB-3]
- WALLACE, T. J.**
Thickened fuels for aircraft safety. 17 p2927 A67-33001
[SAE PAPER 670364]
Non-Newtonian fuels for aircraft safety. 18 p3110 A67-33967
[AIAA PAPER 67-503]
- WALLER, P.**
Automatic landing systems for all-weather operation by civil transport aircraft. 23 p4025 A67-40990
[AIAA PAPER 67-757]
- WALLERSTEIN, G.**
Spectral and location measurements of several cosmic X-ray sources including a variable source in Centaurus. 21 p3698 A67-38564
- WALLERSTEIN, S.**
Gear material for operation at 1000 F. 14 p2334 A67-27791
- WALLES, S.**
Magnification and observation of a holographic interference pattern. 02 p0242 A67-12027
- WALLI, C. R.**
Asynchronous finite-state machines - A novel control system class. 24 p4127 A67-43060
[AIAA PAPER 67-988]
- WALLIKER, D. A. J.**
Resistive thin films in rectangular waveguide. 01 p0039 A67-10899
- WALLIN, C.**
Launch vehicles as support subsystems for communications satellites. 06 p1093 A67-17678
- WALLING, J. C.**
The physics of maser materials. 19 p3304 A67-35547
- WALLIS, G.**
Solar corpuscular streams and force-free fields. 12 p1998 A67-25821
- WALLIS, L.**
Producing high quality resistance welds in aluminum and magnesium. 12 p1948 A67-25287
- WALLIS, M. K.**
Comet tail streamers in the solar wind. 08 p1401 A67-21367
The physics of cometary plasma. 22 p3885 A67-40081
- WALLIS, S.**
Effect of grid geometry on turbulence decay. 18 p3030 A67-34740
- WALLMAN, H.**
Life support for inner and outer space vehicles - Similarities and differences. [AIAA PAPER 67-364] 14 p2259 A67-28732
- WALMSLEY, D. G.**
Anisotropy of the energy gap in superconducting leadbismuth alloys. 03 p0501 A67-14341
Tunneling investigation of energy-gap anisotropy in superconductors. 06 p1052 A67-18571
- WALMSLEY, M.**
Lower bound energy calculations for H super plus sub 2. 03 p0469 A67-13943
Evidence for a correlation between the position and red-shift of quasars. 05 p0898 A67-16887
- WALOWIT, J. A.**
The determination of stresses in rolling-contact elements. 03 p0431 A67-13757
[ASME PAPER 66-LUB-16]
Gas lubrication and distortion of high-pressure mainshaft seals for compressors. 10 p1658 A67-22705
- WALPOLE, L. J.**
On bounds for the overall elastic moduli of inhomogeneous systems. 02 p0337 A67-11795
- WALSH, D.**
Giant pulse laser action at 77 deg K. 01 p0089 A67-10448
Thermal radiation fields and antenna parameters in magnetoplasma. 09 p1464 A67-22448
Attempted microwave measurement of temperature of a shock-heated plasma. 21 p3660 A67-37741
- WALSH, E. J.**
Full-wave solutions in terms of coupled vacuum modes. 20 p3389 A67-37710
- WALSH, E. M.**
Energy Conversion-Electromechanical, Direct, Nuclear. 22 p3749 A67-40329
- WALSH, G. R.**
The fourth necessary condition in an optimal rocket trajectory. 01 p0152 A67-11306
Approximate theories of the spinning of aircraft. 22 p3744 A67-39197
- WALSH, J. M.**
Summary report on the theory of hypervelocity impact. 04 p0710 A67-15004
Limiters in NERVA reactor control. 24 p4183 A67-42472
- WALSH, L.**
Electrical properties of some liquid semiconductors. 03 p0495 A67-13533
Flexible anisotropic magnets. 23 p4041 A67-41183
- WALSH, P. J.**
The effect of internal reflection in a corner cube upon the polarization of a reflected beam. 04 p0657 A67-15307
- WALSH, P. N.**
Kinetics of the oxygen-tungsten reaction at high temperatures. 09 p1457 A67-22026
Stagnation-flow technique for high temperature gas-solid kinetics studies. 15 p2582 A67-30022
- WALSH, T. M.**
Accelerated testing of component parts. 01 p0085 A67-11373
- WALSH, W. M., JR.**
Fermi-liquid effects on plasma wave propagation in alkali metals. 20 p3514 A67-37570

- WALT, M.
Penetration of electrons into the atmosphere. 18 p3035 A67-33599
Neutron multiplicity monitor observations during 1965. 20 p3452 A67-37407
- WALTER, C. E.
A large nuclear-electric space power plant. 24 p4186 A67-42549
- WALTER, D. O.
Computer analysis of EEG data from Gemini flight GT-7. 13 p2062 A67-26919
Electroencephalographic baselines in astronaut candidates estimated by computation and pattern recognition techniques. 13 p2062 A67-26921
Analysis of brain wave records from Gemini flight GT-7 by computations to be used in a thirty day primate flight. 15 p2425 A67-29104
- WALTER, H. G.
Methods for calculating the visibility of artificial satellites /Verfahren zur Berechnung der Sichtbarkeit kuenstlicher Satelliten/. 15 p2561 A67-30047
- WALTER, L. S.
Oxygen isotopes - Experimental vapor fractionation and variations in tektites. 15 p2564 A67-30394
Vapor pressure of natural tektite melts at high temperatures and its application to aerodynamic analysis. 18 p3134 A67-34495
Ferrous ion order-disorder in meteoritic pyroxenes and the metamorphic history of chondrites. 21 p3702 A67-38128
Tektite compositional trends and experimental vapor fractionation of silicates. 24 p4237 A67-42649
- WALTER, N.
Application of residual stress measurements in failure analysis and field inspection. [SAE PAPER 670154] 09 p1502 A67-21772
- WALTER, R. K.
Manned earth orbital program in earth sensing. 08 p1325 A67-21072
- WALTER, W.
On nonlinear Volterra integral equations in several variables. 13 p2149 A67-27736
- WALTER, W. T.
Efficient pulsed gas discharge lasers. 05 p0819 A67-16650
- WALTERS, G. K.
Very long nuclear spin relaxation times in gaseous He super 3 by suppression of He super 3 -surface interactions. 24 p4191 A67-42247
- WALTERS, R. L.
The potential of low-resolution radar imagery in regional geologic studies. 06 p0994 A67-17833
- WALTERS, R. R.
Turbulent boundary layer characteristics of compliant surfaces. [AIAA PAPER 67-128] 06 p0987 A67-18336
- WALTERS, W. L.
Dynamic M-H loop study of energy losses in thin Ni-Fe films. 22 p3860 A67-39902
- WALTHER, H.
Atomic beam source for atoms in the metastable state /Eine Atomstrahlquelle fuer Atome in metastabilen Zuständen/. 09 p1534 A67-21564
A new photoelectric Fabry-Perot spectrometer for low light intensities. 20 p3439 A67-36356
A digital recording double Fabry-Perot spectrometer. 20 p3440 A67-36363
- WALTMAN, P.
The first and second boundary value problems for nonlinear second order differential equations. 04 p0647 A67-15742
Distance between zeros of components of solutions of second-order nonlinear systems. 12 p1961 A67-26062
- WALTON, A.
Nucleation. 04 p0565 A67-15080
- WALTON, A. B.
The momenta of muons in extensive air showers. 06 p1076 A67-17651
- WALTON, C. J.
Chemical pretreating and finishing. 14 p2324 A67-27821
- WALTON, D. M.
Flight research program. 17 p2806 A67-31954
- VIII.
Vibrophonocardiograph investigation and development study. 23 p3970 A67-41661
- WALTON, F. D.
Interconnections - The passive elements in microminiature packaging. 21 p3594 A67-38333
- WALTON, R. R.
Scientific exploration of comets - A mission study. 16 p2745 A67-30750
- WALWICK, E. R.
Biological macromolecule detection by use of a thiocarbocyanine dye. 15 p2426 A67-29115
- WALZER, Y.
Unique determination of the parameters of surface recombination centers in semiconductors. 15 p2534 A67-29326
- WAMPLER, E. J.
Scanner observations of four quasi-stellar radio sources. 08 p1398 A67-21230
Photoelectric observations of 3C 446. 14 p2389 A67-28850
The emission-line spectrum of 3C 273. 17 p2944 A67-32636
The spectrum of Tonantzintla. 18 p3120 A67-33997
- WAN, F. Y. M.
A note on stress strain relations of the linear theory of shells. 06 p1100 A67-18111
The influence of shell behavior on the design of large antennas. 16 p2763 A67-30678
- WAN, L. A.
Pulse Doppler waveform coding. 15 p2437 A67-29934
Analysis of environment induced errors in missile guidance. 20 p3481 A67-36605
- WANDERER, E. T.
Structures and equipment for service at cryogenic temperatures. 14 p2323 A67-27816
- WANDERLINGH, F.
On the linewidth of electromagnetic radiation in equilibrium with an optical cavity. 14 p2329 A67-27952
- WANDERT, H.
Model safety device for the 50 x 50 cm supersonic wind tunnel /Modellsicherung fuer den Ueberschallwindkanal 50 cm x 50 cm/. 22 p3780 A67-39756
- WANDINGER, L.
Semiconductor laser arrays and their characteristics. 01 p0086 A67-10023
- WANDLING, D. E.
Transfer functions and input impedances of pressurized piping systems. [ASME PAPER 66-WA/AUT-13] 04 p0555 A67-15416
- WANG, A. P.-I.
Invariant imbedding and scattering processes. 07 p1224 A67-20274
On the relation of scattering matrix, Riccati equation and boundary conditions. 10 p1673 A67-22964
- WANG, C.
Influence of magnetic field on surface field-effect in germanium. 15 p2533 A67-29263
- WANG, C. P.
Superconducting critical temperatures of nonstoichiometric transition metal carbides and nitrides. 03 p0491 A67-13256
Reported cosmic gamma-ray source in Cygnus. 06 p1078 A67-18212
- WANG, C. S.
Orientation of aurora and the concurrent magnetic disturbance. 16 p2667 A67-31511
Optimization of systems reliability. 20 p3556 A67-37316
- WANG, C. Y.
Binary correlations in a stable homogeneous plasma. 13 p2164 A67-26295
- WANG, C.-M.
The phase-shift lifetime of excess carriers in semiconductors under sinusoidal injection. 15 p2533 A67-29264
- WANG, C.-Y.
Electrical resistance of manganin coil to 7 kbar and 200 deg C. 08 p1353 A67-20373
Separation and stall of an impulsively started elliptic cylinder. [ASME PAPER 67-APM-31] 17 p2840 A67-33157
The flow past a circular cylinder which is started impulsively from rest. 18 p3026 A67-34008
- WANG, D. I.-J.
A nonsteady-state thermal-conductivity tester for cryogenic insulations. 22 p3803 A67-40295
- WANG, E. S. J.
Simulation testing in a space environment - An assessment. [AIAA PAPER 65-474] 04 p0598 A67-15229
Martian sand and dust storm experimentation. 07 p1248 A67-19386
- WANG, F. E.
The mechanical properties as a function of temperature and free electron concentration in stoichiometric TiNi, TiCo and TiFe alloys. 16 p2688 A67-31307
- WANG, F. F. Y.
Temperature-dependent Nd fluorescence parameters and laser thresholds. 01 p0091 A67-11085
- WANG, G.-Y.
Nonlinear parabolic equations. 03 p0461 A67-14105
- WANG, H.-C.
Generalized hypergeometric function solutions on the transverse vibration of a class of nonuniform beams. [ASME PAPER 67-APM-25] 17 p2964 A67-33153
- WANG, I. C.
Strain energy expression for large deformations of isotropic elastic shells subjected to arbitrary temperature distribution. 21 p3718 A67-38021
- WANG, J. R.
Dimension of the cosmic ray modulation region. 20 p3519 A67-37395
- WANG, J. T.-S.
Axisymmetric dynamic response of spherical and cylindrical shells. 22 p3914 A67-40190
- WANG, K. C.
Approximate solution of a plane radiating "piston problem." 03 p0405 A67-14029
- WANG, L. R. L.
Effect of boundary conditions on shell buckling. 03 p0524 A67-13786
- WANG, L. R.-L.
Discrepancy of experimental buckling pressures of spherical shells. 06 p1111 A67-18876
- WANG, L. S.
Study of the interaction between radiation and conduction by a differential method. 04 p0738 A67-15868
- WANG, M.
Far-infrared laser power measurements. 11 p1801 A67-24715
- WANG, P. K. C.
Stabilizability of a class of linear stochastic systems /Stabilisabilite d'une classe de systemes stochastiques lineaires/. 02 p0259 A67-12064
- WANG, R.
Electrodes and walls with structurally determined front-surface temperatures for open-cycle magnetohydrodynamic generators /Electrodes et parois a temperatures de faces frontales structurellement determinees pour generateurs magnetohydrodynamiques a cycle ouvert/. 20 p3362 A67-36115
- WANG, S.
Spin-wave interaction with a laser beam in YIG. 12 p1953 A67-25749
- WANG, T. C.
Theoretical and experimental study of a liquid metal MHD induction generator. 05 p0754 A67-17348
Experimental results with the variable fluid and field velocity MHD generator. 12 p1897 A67-25377
Comparison of MHD induction generator analyses. 23 p3942 A67-41737
- WANG, T. M.
Elastic stability of a simply supported plate under linearly variable compressive stresses. 15 p2577 A67-30218
- WANG, W. C.
Multiple-wave interactions in piezoelectric semiconductors. 22 p3854 A67-39246
- WANG, W.-L.
Low temperature electrical properties of silicon material. 05 p0861 A67-16502
- WANG, Y.-N.
Grain boundary relaxation of molybdenum and the mechanism of the embrittling effect of interstitial impurity additions. 05 p0829 A67-16505
- WANG, Z.-G.
Low temperature electrical properties of silicon material. 05 p0861 A67-16502
- WANGLER, R. J.
System considerations for millimeter wave satellite communications. 08 p1292 A67-20671
- WANGLER, T. P.
Search for charge-2/3 quarks produced by cosmic rays. 11 p1823 A67-24598
- WANGSNESS, R. K.
Collisional excitation of neon spectra. 03 p0472 A67-13324
Hidden variables and magnetic relaxation. 21 p3658 A67-38845
- WANHAINEN, J. P.
Experimental investigation of acoustic liners to suppress screech in hydrogen-oxygen engines. 04 p0691 A67-15988

- WANIEK, R. W.
Interaction of a plasma flow with a three dimensional magnetic dipole. 19 p3288 A67-35366
High power microwave emission from a plasma discharge. 19 p3291 A67-35386
- WANNEMACHER, H.
Anomalous radiation effect in p-channel MOSFET's under electron irradiation. 13 p2076 A67-26516
- WANNEMACHER, H. E., JR.
The effects of space radiation on MOSFET devices and some application implications of those effects. 04 p0589 A67-15715
- WANNER, J. C.
The supersonic boom /Le bang supersonique/. 16 p2589 A67-30832
- WANNER, M.
Conditions of a remarkable equilibrium of a gas mixture subjected, in a constant volume container, to a field of external mass forces deriving from a time-independent potential /Conditions d'un equilibre remarquable d'un melange de gaz soumis, dans un recipient de volume constant, a un champ de forces exterieures massiques derivant d'un potentiel independant du temps/. 24 p4257 A67-43113
- WANSELOW, R. D.
A compact, low profile, transmission line antenna - Tunable over greater than octave bandwidth. 03 p0384 A67-13847
- WAPLES, P. J.
The techniques of satellite launcher checkout. 16 p2655 A67-30835
- WARD, C. A.
Equilibrium of a single-species two-temperature gas mixture. 13 p2102 A67-26972
- WARD, C. C.
Application of distributed system concepts to analysis of bending vibration. [SAE PAPER 660719] 04 p0716 A67-15782
- WARD, F.
The longitudinal proper motion of sunspots and the solar rotation rate. [AFRL-66-801] 01 p0149 A67-10804
- WARD, J.
Drawing a line between laser signal power and noise. 14 p2330 A67-28289
- WARD, J. E.
Systems engineering problems in computer-driven CRT displays for man-machine communication. 18 p3005 A67-33499
- WARD, J. F.
Newly measured and calculated wavelengths in the vacuum ultraviolet spectrum of neutral nitrogen. 05 p0846 A67-16781
A summary of hingeless-rotor structural loads and dynamics research. 06 p1099 A67-17911
Optical third-harmonic generation in gases. 21 p3639 A67-37962
- WARD, J. H.
Application of hologram techniques for particle size analysis. 10 p1653 A67-22748
Optical subcarrier communications. 20 p3378 A67-36183
A broad bandwidth digital laser communication system. 23 p3973 A67-41039
- WARD, J. L.
Flight-control systems. 04 p0655 A67-15735
- WARD, J. R.
An application of self-lubricated composite materials. [ASLE PREPRINT 67AM 7A-3] 14 p2326 A67-28791
- WARD, J. W.
Electron-bombardment thrusters using liquid-mercury cathodes. 13 p2188 A67-26822
Mercury hollow-cathode plasma bridge neutralizer. [AIAA PAPER 67-671] 21 p3697 A67-38958
- WARD, R. B.
A circuit for the measurement of small delays of binary waveforms. 01 p0037 A67-10482
Digital communications on a pseudonoise tracking link using sequence inversion modulation. 09 p1459 A67-21581
- WARD, R. W.
The microelectronic radar intercept calculator. 08 p1293 A67-20690
Integrated circuits in action. VI. 15 p2439 A67-29161
- WARD, S. H.
Correlation between occurrence of pearl pulsations and interplanetary magnetic field sector boundaries. 07 p1182 A67-19946
Direct correspondence between X-ray microbursts and impulsive micropulsations. 07 p1246 A67-19949
- Interplanetary magnetic field data and corresponding geomagnetic effects for the storm of October 7, 1962. 17 p2844 A67-32540
- WARDER, R. C., JR.
Current measurements in high-voltage radio frequency plasma discharges. 23 p4001 A67-41224
- WARDLAW, R. L.
On relating two-dimensional bluff body potential flow to the periodic vortex wake. 02 p0178 A67-12233
- WARE, W. A.
A simulator for a gravity gradient satellite. 12 p1920 A67-25122
- WAREN, A. D.
The method of conjugate gradients for optimal control problems. 01 p0044 A67-10483
The conjugate gradient minimization method in function space. 08 p1310 A67-20337
The conjugate gradient method for optimal control problems. 15 p2456 A67-29362
An interior penalty method for inequality constrained optimal control problems. 16 p2651 A67-31677
An interior penalty method for inequality constrained optimal control problems. 24 p4135 A67-42180
- WARES, G. W.
Simultaneous ultrasonic and line reversal temperature determination in a shock tube. 21 p3624 A67-37740
- WARHURST, F., JR.
Panel layout for rectilinear instruments. 14 p2257 A67-28661
- WARK, D.
Contamination as applied to aircraft hydraulic systems. 09 p1445 A67-22131
- WARK, D. Q.
Indirect measurements of atmospheric and surface temperatures. 01 p0061 A67-11391
On cloud-top determination from Gemini-5. 01 p0061 A67-11396
On cloud-top determination from Gemini-5. 06 p1028 A67-18563
Infrared limb darkening of the earth from statistical analysis of Tiros data. 21 p3855 A67-38579
A discussion of empirical orthogonal functions and their application to vertical temperature profiles. 22 p3828 A67-39325
On cloud measurements from Gemini-5 using reflected solar radiation. 22 p3807 A67-40369
Cloud-top and surface temperatures and temperature soundings from satellites. 22 p3829 A67-40370
- WARLIMONT-MEIER, B.
Dislocation densities in tungsten. 19 p3248 A67-36028
- WARMBROD, J. D.
Determination of normal force and pitching moment characteristics of bodies of revolution at finite angles of attack - Extension of cross flow technique. 22 p3740 A67-39943
- WARMING, R. F.
Theoretical predictions of radiative transfer in a homogeneous cylindrical medium. 06 p1111 A67-17874
- WARNECK, P.
Studies of ion-neutral reactions by a photoionization mass-spectrometer technique. I. 07 p1137 A67-20187
Studies of ion-neutral reactions by a photoionization mass-spectrometer technique. II. 07 p1137 A67-20188
Reactions of super 1 D oxygen atoms. 09 p1457 A67-22025
Laboratory rate coefficients for positive ion-neutral reactions in the ionosphere. 11 p1785 A67-23945
The chemiluminescent reactions of atomic oxygen with carbonyl sulfide and hydrogen sulfide. 14 p2260 A67-28781
Studies of ion-neutral reactions by a photoionization-mass spectrometer technique. III. 22 p3793 A67-40077
- WARNECKE, G.
Meteorological parameters affecting supersonic transport operations. 07 p1219 A67-19066
The interpretation of Tiros radiation data for practical use in synoptic weather analysis. 13 p2149 A67-26274
- WARNECKE, R. J.
Source of high energy neutral particles. II /Source de particules neutres de grande energie. II/. 24 p4153 A67-41912
- WARNECKE, R., JR.
Simulator for the study of antennas in an ionized medium /Simulateur pour etude d'antennes en milieu ionise/. 21 p3664 A67-38214
- WARNER, B.
Some effects of pressure broadening in solar and stellar curves of growth. 21 p3700 A67-37731
- WARNER, C.
Transport effects in the electron-rich unignited mode of cesium diodes. 11 p1849 A67-24902
The plasma physics of thermionic converters. 22 p3747 A67-39342
- WARNER, F. L.
Miniature X-band Gunn oscillator with a dielectric-tuning system. 05 p0775 A67-16951
- WARNER, J.
Convection below cloud base. 19 p3253 A67-35919
- WARNER, J. S.
Maintainability - Never too late. 23 p4070 A67-40581
- WARNER, M. E.
The development and techniques of missile handling. 05 p0787 A67-16613
- WARNER, M. R.
Determination of the masses of the moon and Venus, and the astronomical unit from the radio tracking of Mariner II. 05 p0895 A67-16575
- WARNER, R. E.
Slip table fixture design for cryogenic/vibration testing. 04 p0598 A67-15176
A search for unbound T equals 1/2 levels in super 3 He. 07 p1226 A67-19563
- WARNER, R. M., JR.
Comparing MOS and bipolar integrated circuits. 16 p2637 A67-31194
- WARNER, W. H.
Dynamical theory of hyperelastic rods. 03 p0522 A67-13391
Parameter values excluded by existence conditions for buoyant dissipative motions in vertical channels. 17 p2840 A67-33138
- WARNICK, J. M.
Direct forced-air cooling system for electronic equipment. 08 p1303 A67-21061
- WARNOCK, T. T.
Internal energy of reaction products by velocity analysis. III. 11 p1750 A67-24991
- WARR, W. B.
Spontaneous spike discharges from single units in the cochlear nucleus after destruction of the cochlea. 06 p0952 A67-17847
- WARREN, A. C.
Flux flow resistivity in type II superconductors. I. 16 p2730 A67-31169
Flux flow resistivity in type II superconductors. II. 16 p2731 A67-31170
- WARREN, B. H.
Human circulation times during weightlessness produced by parabolic flight. 23 p3959 A67-41698
Sodium and water excretion and renal hemodynamics during lower body negative pressure. [SAM-TR-65-329] 24 p4110 A67-41801
- WARREN, D. H. D.
The effect of the geographical distribution of observations on orbital accuracy. 18 p3127 A67-34248
- WARREN, E. P.
Continuum feedback control of a Rayleigh-Taylor type instability. 05 p0856 A67-17414
- WARREN, E. S.
The influence of focusing upon the apparent reflection coefficient of the F region. [AGARDOGRAPH 95] 15 p2481 A67-30279
- WARREN, F. W. G.
A problem of vertical distribution of mechanical wave energy in the atmosphere. 21 p3655 A67-39088
- WARREN, R. P.
A system for venting a propellant tank in the absence of gravity. 13 p2056 A67-27639
- WARREN, R. W.
Application of fluidics to sensing and controlling fluid phenomena. [ASME PAPER 67-DE-12] 14 p2252 A67-28869
A possible new group of semiconducting compounds. 16 p2725 A67-30806
- WARREN, W. E.
The axisymmetric thermoelastic problem in bispherical coordinates. [ASME PAPER 66-WA/APM-12] 04 p0713 A67-15403
End effect in semi-infinite transversely isotropic cylinders. 17 p2962 A67-33014
A note on the end effect in isotropic

- cylinders. 17 p2963 A67-33019
- WARREN, W. R., JR.**
Study of equilibrium air total radiation. [AIAA PAPER 66-103] 08 p1426 A67-20569
MHD generator and accelerator experiments in seeded and unseeded air flows. 09 p1542 A67-21809
The hypervelocity heat protection problem. 16 p2778 A67-30722
- WARSZAWSKI, B.**
A new conception of the fuel cell /Une conception nouvelle de la pile a combustible/. 14 p2253 A67-29020
- WARSZAWSKI, J.**
Laser power stabilization by means of nonlinear absorption. 24 p4167 A67-42360
- WARTANOWICZ, T.**
Thermoelectric generators /Generatory termoelektryczne/. 07 p1131 A67-19191
- WARTEN, R. M.**
A numerical integration technique for ordinary differential equations with widely separated eigenvalues. 23 p4024 A67-41394
- WARWICK, J. W.**
High time-resolution studies of Jupiter's radio bursts. 14 p2388 A67-28836
Radiophysics of Jupiter. 19 p3317 A67-34933
- WASA, K.**
Reactively sputtered titanium resistors, capacitors and rectifiers for microcircuits. 23 p3977 A67-40661
- WASCHER, T. C.**
Bezold-Bruecke hue shift - Further measurements. 22 p3835 A67-39238
- WASHBURN, L. A.**
Maintenance replication rate prediction and measurement. 16 p2634 A67-30444
- WASHBURN, R. M.**
New polymers for thermal extremes. 23 p4021 A67-41228
- WASHIZU, K.**
Some consideration on the controllability limit of a human pilot. 05 p0757 A67-17354
Some consideration on the center of shear. 15 p2572 A67-29311
- WASHO, B. D.**
Molecular weight and the thermal conductivity of high polymers. 01 p0103 A67-10295
- WASICKO, R. J.**
Factors influencing glide path control in carrier landing. [AIAA PAPER 65-791] 09 p1441 A67-22494
- WASILEWSKI, R. J.**
Plastic deformation of single-crystal NIAL. 21 p3645 A67-38774
Thermal vacancies in NIAL. 24 p4173 A67-42165
- WASKO, P. E.**
Aerospace thermodynamic properties expected above Cape Kennedy for the 1966-1967 period. 13 p2114 A67-26821
- WASKO, S.**
A transistorized time-delay system with large delay time /Tranzystorowy układ opóźnienia czasowego o dużym czasie opóźnienia/. 21 p3590 A67-37952
- WASOW, W.**
Asymptotic simplification of self-adjoint differential equations with a parameter. 04 p0647 A67-15741
- WASSE, M. P.**
An assessment of epitaxial gallium arsenide for use in Gunn effect devices. 10 p1616 A67-23534
- WASSERBAUER, J. F.**
Experimental mercury bombardment thruster at submillipound thrust. [AIAA PAPER 66-247] 10 p1698 A67-23120
- WASSERBURG, G. J.**
Evidence for the formation of an iron meteorite at 3.8 x 10 super 9 years. 18 p2749 A67-31434
Super 87 Rb-super 87 Sr ages of silicate inclusions in iron meteorites. 22 p3881 A67-39495
- WASSERMAN, A. J.**
Mechanism and pattern of human cerebrovascular regulation after rapid changes in blood CO sub 2 tension. 11 p1746 A67-23989
Human cerebrovascular response to combined hypoxia and hypercapnia. 23 p3945 A67-41080
- WASSERMAN, R. H.**
On the geometry of magnetohydrodynamic flow. 17 p2910 A67-33351
- WASSERSTROM, E.**
Numerical approach to the stability of inviscid parallel flows. 11 p1778 A67-24220
- WASSIL, G. N.**
Preliminary investigation of the mechanical behavior of three dimensionally reinforced plastics. 03 p0451 A67-13401
Mechanical and structural properties of a three dimensionally reinforced plastic. [AIAA PAPER 67-171] 06 p1020 A67-18296
The effect of bond-layer compliances on flexural responses of a sandwich beam. [SESA PAPER 1214] 18 p3142 A67-33895
- WASSON, H. R.**
A segmented wing test technique for obtaining spanwise load distributions. [AIAA PAPER 66-768] 17 p2834 A67-32576
- WASSON, J. T.**
Concentrations of Ni, Ga, and Ge in a series of Canyon Diablo and Odessa meteorite specimens. 08 p1385 A67-20936
The chemical classification of iron meteorites. I. 09 p1564 A67-21738
Indium variations in a petrologic suite of L-group chondrites. 23 p4069 A67-41474
The chemical classification of iron meteorites. II. 24 p4237 A67-42650
- WASYNICZUK, C. A.**
Terminal guidance for soft and accurate moon landing. [AIAA PAPER 67-594] 19 p3259 A67-35990
- WASZCZYŚYŹN, Z.**
Finite elastic-plastic deflections of circular symmetric plates. 17 p2961 A67-32807
Finite elastoplastic deflections of circularly symmetrical plates /Skonczony sprężysto-plastyczne ugięcia płyt kołowo-symetrycznych/. 19 p3340 A67-35511
- WASZCZYŚYŹN, Z. W.**
Application of multi-point equivalent cross-sections to the calculations of finite deflections of elastic-plastic beams with stretchable axis. 20 p3541 A67-37285
- WATADANI, K.**
Spectroscopic study of auroral green line lambda 5577 emitted by the glow discharge. 11 p1824 A67-24934
- WATANABE, A.**
Thermoelectric power of vanadium dioxide whisker. 05 p0864 A67-16898
Observation of the Ti super 47 and Ti super 49 hf structure in the F-center ESR line in BaTiO sub 3. 21 p3684 A67-38417
- WATANABE, H.**
Collisional damping of the whistler mode in a dense plasma. 16 p2713 A67-30608
- WATANABE, K.**
Absorption coefficient and photoionization yield of no in the region 580-1350 angstrom units. 10 p1681 A67-22738
A model of typhoons accompanied by inner and outer rainbands. 10 p1676 A67-22813
Asynchronous delta-modulation system. 10 p1606 A67-23063
- WATANABE, M.**
Mean electron energy of a plasma emerging from a duoplasmatron ion source. 04 p0663 A67-14768
Some considerations on micropower electronics. 12 p1917 A67-26206
Pressure dependent characteristics of an Oak Ridge type duoplasmatron ion source. I. 17 p2902 A67-32659
Pressure dependent characteristics of an Oak Ridge type duoplasmatron ion source. II. 23 p4034 A67-41436
- WATANABE, T.**
Non-linear free flexural vibration of heated plates with initial deflection. 10 p1715 A67-22825
Theoretical notes on whistlers and periodic emissions in the hydromagnetic regime. 17 p2853 A67-33253
- WATENPAUGH, K.**
The crystal and molecular structure of dichlorodiphenoxytitanium /IV/. 06 p0955 A67-17849
- WATERHOUSE, R. B.**
The effect of clamping stress distribution on the fretting fatigue of alpha brass and Al-Mg-Zn alloy. [ASLE PAPER 67-LC-5] 24 p4174 A67-42744
- WATERMAN, A. T., JR.**
Progress in radio propagation in nonionized media. 05 p0760 A67-16009
- WATERMAN, H. A.**
On the propagation of elastic waves through composite media. 18 p3069 A67-34488
- WATERS, D. M.**
Radio-optical dispersion observed over a 25-km tropospheric path. 16 p2627 A67-31363
- WATERS, J.**
On the optical identification of Sco X-1. 02 p0324 A67-11772
- WATERS, J. M., JR.**
Autopsy on the ditching of a business aircraft. 14 p2245 A67-28319
- WATERS, J. P.**
Holographic image synthesis utilizing theoretical methods. 07 p1186 A67-19558
- WATERS, J. R.**
A measurement of the location of the X-ray source SCO X-1. 02 p0308 A67-11771
The Apollo X-ray astronomy experiment. [AIAA PAPER 66-888] 02 p0246 A67-12267
The location and spectra of cosmic X-ray sources. 12 p1995 A67-25761
Directional neutron detector for rocket and satellite experiments. 12 p1945 A67-25860
The size and position of the X-ray source in the Crab Nebula. 13 p2189 A67-26263
An X-ray survey of the Cygnus region. 17 p2937 A67-32648
On the optical search for the X-ray sources Cyg X-1 and Cyg X-2. 17 p2937 A67-32649
- WATERS, V. Z.**
ARIA deployment model. 20 p3361 A67-36600
- WATERS, W. E.**
The quest for superdense electron beams. 04 p0624 A67-15326
- WATERS, W. J.**
A high strength nickel-base alloy with improved oxidation resistance up to 2200 deg F. [ASME PAPER 67-GT-1] 11 p1808 A67-24789
- WATKINS, G. D.**
1.8-, 3.3-, and 3.9-mu bands in irradiated silicon - Correlations with the divacancy. 05 p0870 A67-17194
Defects in irradiated silicon - Electron paramagnetic resonance and electron-nuclear double resonance of the aluminum-vacancy pair. 13 p2180 A67-27161
The interaction of irradiation-produced defects with impurities and other defects in semiconductors - EPR studies in silicon. 17 p2918 A67-32854
- WATKINS, M. T.**
New methods in metal working. 13 p2123 A67-26699
- WATKINS, N. D.**
Confirmation of the reality of the Gilsa geomagnetic polarity event. 11 p1788 A67-24700
- WATRASIEWICZ, B. M.**
Character recognition by holography. 24 p4157 A67-42456
- WATSON-MUNRO, C. N.**
Properties of a laboratory plasma prepared with combined transverse and longitudinal currents. 11 p1845 A67-25098
Some studies of the attenuation of torsional Alfvén waves in a partly ionized hydrogenous plasma. 19 p3290 A67-35377
- WATSON, B. B.**
A practical design approach to semiautomatic test equipment. [SAE PAPER 660704] 01 p0049 A67-10597
- WATSON, B. C.**
Etching investigations with calcium tungstate laser crystals /Aetzuntersuchungen an Calciumwolframat-Laser-Kristallen/. 07 p1196 A67-19565
- WATSON, C. E.**
Electron impact cross sections for atmospheric species. I. 20 p3489 A67-37417
Electron impact cross sections for atmospheric species. II. 20 p3489 A67-37418
Electron impact cross sections for atmospheric species. III. 20 p3489 A67-37419
- WATSON, C. J. H.**
The radio-frequency confinement and acceleration of plasmas. 22 p3851 A67-39772
- WATSON, D. D.**
Simple method for making sulfur targets. 02 p0247 A67-12698
- WATSON, D. M.**
A split-damper inertially coupled passive gravity-gradient attitude control system. 24 p4241 A67-42904
- WATSON, D. S.**
The Federal Government's propensity to patent. 07 p1289 A67-19467
- WATSON, G. G.**
Techniques for measuring surface temperature. 01 p0062 A67-10274
- WATSON, H. G.**
Pyrotechnic actuation. 15 p2543 A67-29304
- WATSON, H. M.**
The uses of orbiting reflector satellites. [AAS PAPER 67-118] 15 p2570 A67-29964
The uses of orbiting reflector satellites.

- [AIAA PAPER 67-786] 24 p4242 A67-42949
WATSON, J. H. P.
 Flux jumping in synthetic high-field
 superconductors. 23 p4044 A67-41452
WATSON, J. K.
 Eddy-current-free switching of Permalloy
 thin films. 22 p3860 A67-39903
WATSON, J. W.
 On line solution of optimal nonstationary
 linear systems. 11 p1771 A67-24896
WATSON, K.
 Proposed lunar heat flow measurement
 from a polar orbiting
 satellite. 16 p2754 A67-31750
WATSON, M. D. S.
 Ionization and temperature measurement
 in MPD experiments. 09 p1538 A67-21777
WATSON, N. R.
 Some measurements of turbulence in
 altocumulus clouds. 13 p2152 A67-26741
WATSON, R.
 Techniques for conducting shock tube
 experiments with mixtures of ultrafine solid
 particles and gases. 20 p3414 A67-36516
WATSON, R. A.
 Digital accelerometer built around
 crystals. 17 p2855 A67-32438
WATSON, R. D.
 Fluid dynamic studies to M equals 41 in
 helium. [AIAA PAPER 65-399] 04 p0546 A67-14815
 Transformation of hypersonic turbulent
 boundary layers to incompressible
 form. 14 p2297 A67-28137
WATSON, R. H.
 Transverse wave structure in
 detonations. 18 p3153 A67-33828
WATSON, S. B.
 Relationships between geographic and
 inertial coordinates. 11 p1786 A67-24353
WATSON, S. R.
 Model Fokker-Planck equations.
 II. 22 p3843 A67-39265
 Model Fokker-Planck
 equations. 22 p3843 A67-39266
WATSON, W. H.
 The F-111 hydraulic power
 distribution. 05 p0752 A67-16158
 The hydraulic power supply
 system. 05 p0752 A67-16159
WATSON, W. W.
 Design and instrumentation of a large-
 scale VTOL test bed for investigation of
 ground proximity effects. [AIAA PAPER 67-181] 06 p0980 A67-18297
WATT, J. M.
 The asymptotic discretization error of a
 class of methods for solving ordinary
 differential equations. 15 p2510 A67-29631
WATT, J. T., JR.
 The problem of multiparameter adaptive
 systems having specified poles and
 zeros. 02 p0225 A67-12143
WATT, T. M.
 Obtaining local values of plasma scale
 height with the Alouette 1 topside
 sounder. 20 p3433 A67-37409
WATT, W.
 Carbon fibres of high strength and high
 breaking strain. 09 p1520 A67-21988
 Structure of high modulus carbon
 fibers. 19 p3248 A67-35425
WATTEAU, J.-P.
 Neutron emissions by noncylindrical
 discharges of revolution /Emission de
 neutrons par des décharges de révolution
 non cylindriques/. 10 p1683 A67-22844
WATTENBURG, W. H.
 An automated system for the growth and
 analysis of large numbers of bacterial
 colonies using an environmental chamber
 and a computer-controlled flying-spot
 scanner. 20 p3453 A67-37598
WATTERS, R. L.
 Extended mass range operation of the
 monopole mass
 spectrometer. 06 p1000 A67-17747
WATTON, A.
 A review of current trends in technology
 for reusable launch
 vehicles. 15 p2569 A67-29854
WATTS, A. F.
 The economic impact of reusable orbital
 transports on the cost of planned manned
 space programs, 1970-1999. [AIAA PAPER 66-862] 02 p0343 A67-12261
WATTS, C. R.
 A tension test method for high modulus,
 high-strength filaments. 19 p3245 A67-35553
WAUER, D.
 Theory of wave propagation in solid-state
 plasma waveguides in a direction normal to
 the magnetic field /Zur Theorie der
 Wellenausbreitung in Festkörperplasma-
 Hohlleitern senkrecht zum
 Magnetfeld/. 07 p1231 A67-19133
WAUGH, J. G.
 Real fluid effects on an accelerated
 sphere before boundary-layer separation.
 [ASME PAPER 66-WA/UNT-6] 04 p0601 A67-14483
WAWNER, F. E., JR.
 Observations on the tensile strength of
 "amorphous" boron. 23 p4018 A67-40787
WAX, R. L.
 Technique for the generation of quasi-
 isotropic 1-10 Kev proton
 fluxes. 23 p4001 A67-41225
WAXMAN, R.
 Automated logic design techniques
 applicable to integrated circuitry
 technology. 19 p3189 A67-36062
WAY, S. H.
 OGO-E cosmic radiation - Nuclear
 abundance experiment. 12 p1944 A67-25852
WAYLAND, J. R.
 A two-temperature statistical model for
 particle production at high
 energies. 13 p2161 A67-27398
WAYMOUTH, J. F.
 Perturbation of electron energy
 distribution by a probe. 04 p0665 A67-15112
WAYTE, R. C.
 Quantitative measurements by scanning
 electron microscopy. I. 04 p0584 A67-15483
WAZZAN, A. R.
 The stability of water flow over heated
 and cooled flat plates. [ASME PAPER 67-HT-41] 20 p3547 A67-36725
WBAILEY, W., III
 Solar electric propulsion mission to the
 comets. 19 p3323 A67-35333
WDOWCZYK, J.
 A theoretical analysis of extensive air
 showers. I. 03 p0506 A67-13517
 Absolute flux of hypothetical primary
 cosmic photons with energies of 10 super 15
 EV /Sur le flux absolu d'hypothétiques
 photons cosmiques primaires d'énergie 10
 super 15 EV/. 09 p1562 A67-22559
 Direct method of showing the existence of
 extensive air showers due to primary
 photons /Sur une méthode directe
 démontrant l'existence des grandes gerbes
 de l'air dues à des photons
 primaires/. 19 p3316 A67-35796
WEAIRE, D.
 Structure of di-and trivalent
 metals. 05 p0869 A67-17189
WEAKLEY, R. H.
 A novel system for rapid acquisition of
 the sun in solar energy conversion
 systems. 15 p2423 A67-30130
WEALE, R. A.
 Why does the human retina possess a
 fovea/ques/. 02 p0184 A67-11473
WEAR, F. C.
 Rescue teams for manned testing of
 Gemini spacecraft. 17 p2807 A67-32598
WEAR, K.
 By-products emitted from sputter-ion
 pumps. 07 p1190 A67-20283
WEARE, N. E.
 Exothermically brazed hydraulic fittings
 for aircraft. 07 p1190 A67-19212
WEATHERED, C. J.
 System approach to lunar surface
 exploration. 08 p1316 A67-21082
WEATHERSTON, R. C.
 Condensation of mercury vapor and drop
 growth processes in a nitrogen flow.
 [AIAA PAPER 66-85] 10 p1733 A67-23125
WEAVER, L. A.
 Effects of laser on the electron gas
 and excited-state populations in xenon
 discharges. 08 p1338 A67-21306
WEAVER, R. W.
 Expandable metal honeycombs for high-
 temperature, load-bearing structures.
 [ASME PAPER 67-DE-14] 14 p2402 A67-28870
WEAVER, W., JR.
 Computer programs for structural
 analysis. 15 p2574 A67-29646
WEBB, C. E.
 New CW laser wavelength in
 KrII. 22 p3818 A67-40490
WEBB, D.
 A new concept in charge exchange
 molecular beams. 14 p2316 A67-28190
WEBB, D. C.
 Solid-state YIG
 serrodyne. 19 p3196 A67-35661
WEBB, D. D.
 Mission control of Lunar Orbiter I.
 [AIAA PAPER 67-276] 07 p1260 A67-20082
WEBB, E. D.
 Three-impulse transfer from lunar orbits.
 [AAS PAPER 66-134] 07 p1255 A67-19993
 Three-impulse transfer from lunar orbits.
 [AAS PAPER 66-134] 13 p2210 A67-27544
WEBB, E. K.
 Daytime seeing and thermal structure in
 the lower atmosphere. 01 p0108 A67-10250
WEBB, G. R.
 Further study on "A stability criterion for
 panel flutter via the second method of
 Liapunov." 23 p4081 A67-41752
WEBB, G. W.
 Superconductivity and the
 d-shell. 06 p1047 A67-17642
WEBB, H. G., JR.
 Inverse solution of blunt-body flowfields
 at large angle of attack. [AIAA PAPER 66-413] 14 p2240 A67-28110
WEBB, J. A.
 Analysis of Sofar bomb
 data. 20 p3484 A67-36558
WEBB, M. J.
 The application of packaged liquid rocket
 powerplants to meteorological
 rockets. 08 p1408 A67-20523
WEBB, P.
 Dissociation of heat production and heat
 loss in working men. [ASME PAPER 66-WA/HT-45] 04 p0564 A67-15431
 Controlled cooling during high rates of
 work. 23 p3965 A67-41562
 Undercooling and overcooling with liquid
 cooling garments. 23 p3970 A67-41655
WEBB, P. W.
 A review of semiconductor
 heterojunctions. 06 p1053 A67-18756
WEBB, W. H.
 Hot-wire measurements of wake
 turbulence in a ballistic
 range. 05 p0750 A67-17346
 Further results of viscous interaction
 theory for the laminar supersonic near
 wake. [AIAA PAPER 67-61] 06 p0941 A67-18467
WEBB, W. L.
 Meteorological rocket network probing of
 the stratosphere and lower
 mesosphere. 02 p0239 A67-12535
 Structure of the stratosphere and
 mesosphere. 07 p1172 A67-19603
 Circulation of the middle and upper
 atmosphere. 10 p1643 A67-23247
 Space port meteorology. [AAS PAPER 67-47] 15 p2513 A67-30115
 The source of atmospheric
 electrification. 19 p3220 A67-35255
WEBB, W. W.
 Strength characteristics of whisker
 crystals, microcrystals, and
 macrocrystals. 03 p0449 A67-13306
 Magnetic properties of some type-II alloy
 superconductors near the upper critical
 field. 22 p3857 A67-39440
WEBBER, J. P. H.
 An iterative technique for minimising a
 double integral with applications in
 elasticity. 20 p3541 A67-37487
WEBBER, R. F.
 Optimal nonlinear feedback control
 derived from quartic and higher-order
 performance criteria. 01 p0046 A67-11206
 Simplified algebraic characterization of
 optimal singular control for autonomous
 linear plants. 16 p2649 A67-31669
WEBBER, W.
 A charged particle telescope for use in
 the measurement of the cosmic ray electron
 spectrum in the energy range 10
 Mev-2Gev. 20 p3452 A67-37566
WEBBER, W. R.
 Observations on nuclei heavier than iron
 in the primary by cosmic
 radiation. 11 p1856 A67-24504
 The spectrum and charge composition of
 the primary cosmic
 radiation. 14 p2379 A67-27963
 A determination of the energy spectrum
 of extraterrestrial electrons in the energy
 range 70-2000 mev. 15 p2475 A67-29615
 An upper limit on the quiet time solar
 neutron flux at energies greater than 60
 Mev. 17 p2936 A67-32532
 Differential response and specific yield
 functions of cosmic-ray neutron
 monitors. 17 p2936 A67-32533
 Some observations on the 11-year

- modulation of galactic cosmic rays. 19 p3315 A67-35487
- WEBER, C.
Pointwise calculation of disks and plates
/Zur punktweisen Berechnung von Scheiben
und Platten/. 17 p2961 A67-32714
- WEBER, C. L.
Signal design for phase-incoherent
communications. 06 p0962 A67-17945
Transmitter optimization for satellite
telemetry systems. 16 p2622 A67-30693
- WEBER, D.
Alkanes in fungal spores. 03 p0363 A67-13594
- WEBER, E. J.
The angular momentum of the solar
wind. 12 p2010 A67-26241
- WEBER, F.
Thunderstorms - A danger to air traffic
and air travel /Gewitter - Gefahr fuer den
Luftverkehr und die Reisefahrt/. 23 p4025 A67-41303
- WEBER, G.
The Astro-2 satellite observation
theodolite /Le theodolite d'observation de
satellites Astro-2/. 10 p1655 A67-22990
- WEBER, H.
Determination of the pumping power and
critical inversion for a ruby laser
/Bestimmung der Anregungsleistung und der
kritischen Inversion beim Rubinlaser/. 01 p0088 A67-10245
Direct observation of abrupt transmission
change during ruby-laser emission /Direkte
Beobachtung der sprunghaften Ueberbesetzungsänderung während der
Laseremission beim Rubinlaser/. 04 p0634 A67-15649
Mode-locking and mode-competition by
saturable absorbers in a ruby-laser. 07 p1197 A67-20147
Helium and neon isotopes in iron
meteorites and the tritium loss in
hexahedrites /Helium- und Neonisotope in
Eisenmeteoriten und der Tritiumverlust in
Hexaedriten/. 17 p2942 A67-32359
Regular and irregular spiking of a ruby
laser /Regelmäßiges und unregelmäßiges
Spiken des Rubinlasers/. 17 p2867 A67-32402
Generation of short and intensive light
pulses by saturable absorbers. 23 p4015 A67-41036
- WEBER, H. H.
Metallic filaments and their
composites. 03 p0443 A67-13408
- WEBER, H. P.
Method for pulsewidth measurement of
ultrashort light pulses generated by phase-
locked lasers using nonlinear optics. 20 p3456 A67-36172
Data analysis studies relative to calibration
of R.F. tracking instrumentation using a
near earth satellite. 20 p3381 A67-36604
- WEBER, J.
Operation of Lacoste and Romberg
gravimeter at sensitivity approaching the
thermal fluctuation limits. 05 p0809 A67-17392
Lunar gravity investigation. 08 p1387 A67-20964
Gravitational radiation. 10 p1652 A67-23545
The flow field near the centre of a rolled-
up vortex sheet. 24 p4092 A67-42570
- WEBER, J. A.
Federal aviation agency air traffic control
development program. 11 p1885 A67-23988
[SAE PAPER 670265]
- WEBER, J. N.
Water resources on the moon -
Experimental studies concerned with
predicting the nature of possible water
deposits and determining optimum
processing conditions for their
exploitation. 08 p1317 A67-21093
Electron-excited fluorescence of
serpentes. 17 p2852 A67-33239
- WEBER, J. D.
A general stability condition for an
inhomogeneous elastic body /Sur une
condition de stabilité d'un corps elastique
non homogene/. 20 p3535 A67-36392
- WEBER, M. J.
Pulsed and steady-state infrared emission
studies of CO sub 2 laser systems. 05 p0816 A67-16630
Electric field enhanced Raman scattering
and frequency shift of the soft mode of
SrTiO sub 3. 18 p3098 A67-33520
- WEBER, R. J.
Some structural dependent electrical
properties of tantalum-tantalum oxide thin-
film resistors. 13 p2082 A67-27366
- Liquefied natural gas as a fuel for
supersonic aircraft. 13 p2185 A67-27439
- WEBER, S.
Measurement capabilities of digital
transducers with magnetically stored
calibration. 01 p0074 A67-11124
- WEBER, T. A.
Spin-matrix polynomial development of the
Hamiltonian for a free particle of arbitrary
spin and mass. 11 p1824 A67-25074
- WEBSTER, A. R.
Faraday rotation and other measurements
on the ionosphere at Nairobi. 03 p0406 A67-12825
Some geometrical considerations in
Faraday rotation measurements. 16 p2628 A67-31507
- WEBSTER, C. M.
Dynamic testing when the response data is
contaminated with noise. 03 p0400 A67-14218
- WEBSTER, D. L.
Dynamical friction. 10 p1711 A67-23790
- WEBSTER, G. A.
A widely applicable dislocation model of
creep. 01 p0100 A67-10751
The effects of load and temperature
cycling on the creep behavior of a nickel-
base alloy. 06 p1014 A67-17802
Creep deformation of a composite beam
subjected to combined axial and bending
loads. 14 p2403 A67-29002
Iterative procedures for elastic, plastic
and creep deformation of beams. 14 p2339 A67-29003
- WEBSTER, J. A.
Matrix analysis of beam-columns by the
method of finite elements. 03 p0523 A67-13457
- WEBSTER, J. J.
Free vibrations of shells of revolution
using ring finite elements. 22 p3911 A67-39499
- WEBSTER, L. F.
The role of the space simulator in the
development of space rocket propulsion
systems. [AIAA PAPER 67-257] 07 p1164 A67-20052
- WEBSTER, R. E.
The ultimate S-band monopulse focal-point
feed. 08 p1300 A67-20654
- WECHSLER, A. E.
The role of solar furnaces in the
processing of extraterrestrial
resources. 08 p1317 A67-21094
An improved guarded-cold plate thermal-
conductivity apparatus. 22 p3803 A67-40296
- WEDIG, J. J.
Digital data processing considerations in
the system engineering of digital data
acquisition-reduction systems as pertaining
to the static testing of solid-propellant
rocket motors. 01 p0030 A67-11110
- WEDLER, G.
Influence of the order-disorder state and
film thickness on the structure and
electrical conductivity of evaporated nickel,
titanium, and silver films /Der Einfluss von
Ordnungszustand und Schichtdicke auf die
Struktur und die elektrische Leitfähigkeit
aufgedampfter Metallfilme - Nickel, Titan,
Silber/. 02 p0292 A67-11745
- WEE, R. S. S.
Inertial effects of simple rotor-shaft
systems. 20 p3453 A67-36500
- WEEKES, T. C.
X-ray and gamma-ray astronomy. 04 p0698 A67-14886
Radio pulses from extensive air
showers. 07 p1242 A67-19619
- WEEKS, C. C.
Calibration of a special purpose drop
calorimeter. 18 p3052 A67-34515
- WEEKS, G. A.
Dynamic measurements on an
experimental helicopter platform and on the
Moat Street Flyover, Coventry. 11 p1880 A67-25056
- WEEKS, J. R.
Liquids curves and corrosion of Fe, Cr,
Ni, Co, V, Nb, Ta, Ti, Zr, in 500-750 C
mercury. 15 p2502 A67-29261
- WEEKS, L. H.
Lyman-alpha emission from the sun near
solar minimum. 11 p1862 A67-24503
Rocket observations of electron
temperature in the E region. 19 p3216 A67-35193
- WEEKS, T. M.
Sound generation by shock-vortex
interaction. 10 p1625 A67-23117
- WEEMS, P. V. H.
Space navigation. 08 p1351 A67-21100
- WEERTMAN, J.
Theory of infinitesimal dislocations
distributed on a plane applied to
discontinuous yield phenomena. 11 p1807 A67-24568
Rate of growth of fatigue cracks
calculated from the theory of infinitesimal
dislocations distributed on a plane. 16 p2769 A67-31283
Venus - Tectonic activity. 24 p4227 A67-42222
- WEESE, J. A.
The axisymmetric thermoelastic problem
in bispherical coordinates. [ASME PAPER 66-WA/APM-12] 04 p0713 A67-15403
- WEETON, J. W.
Studies of tungsten composites containing
fibers or reacted additives. 01 p0098 A67-10702
Metallurgical and geometrical factors
affecting elevated temperature tensile
properties of discontinuous tungsten fiber
reinforced composites. 03 p0441 A67-13272
Fibering of oxides in refractory
metals. 03 p0441 A67-13273
Fiber-metal composites. 03 p0442 A67-13310
Refractory metal fiber nickel alloy
composites for use at high
temperatures. 24 p4174 A67-42475
- WEGER, E.
Some new results on momentum and heat
transfer in compressible turbulent free
jets. 24 p4092 A67-42608
- WEGER, M.
Nuclear relaxation measurements in the
superconducting and normal states of some
V sub 3 X compounds. 07 p1236 A67-20139
- WEGMANN, H. M.
Comparative investigation of the physical
fitness of man with respect to manual labor,
oxygen deficiency, and acceleration
/Vergleichende Untersuchungen der
koerperlichen Leistungsfähigkeit des
Menschen bei Muskelerbeit, im
Sauerstoffmangel und bei Beschleunigung/. 03 p0364 A67-13924
Diurnal rhythm and function diagnostics of
peripheral cycle regulation /Tagesrhythmik
und Funktionsdiagnostik der peripheren
Kreislaufregulation/. [DVL-620] 11 p1747 A67-25035
- WEGNER, S.
The vibrocardiogram as a cardiovascular
monitor. 23 p3959 A67-41660
- WEGROWE, J. G.
Density measurements in a Q-device by
resonance fluorescence scattering, Langmuir
probe and microwave methods. 11 p1838 A67-24405
- WEH, H.
Theory of rectangular channel MHD
polyphase converters. 12 p1896 A67-25374
Energy conversion with liquid metal
working fluids in MHD-staustahlrohr. 16 p2604 A67-30572
- WEHNER, D. R.
Boresight shift due to reflections in
amplitude sensitive angle tracking
antennas. 17 p2814 A67-32523
- WEHNER, G. K.
Parameters of the optical properties of
the lunar surface powder in relation to
solar-wind bombardment. 16 p2753 A67-31744
- WEHR, J.
Systematic errors in the evaluation of the
propagation velocity of ultrasonic waves on
the basis of pulse-delay measurement /Błedy
systematyczne przy wyznaczaniu predkosci
rozchodzenia sie fal ultradźwiękowych na
podstawie pomiaru opoznienia impulsu/. 18 p3044 A67-33734
Calculation of random errors in ultrasonic
measurements /O obliczaniu błędów
przypadkowych przy pomiarach
ultradźwiękowych/. 18 p3044 A67-33735
- WEHRMANN, O. H.
Transition in the incompressible wake of a
cone at low Reynolds numbers. 05 p0751 A67-17439
Turbulence measurements with inclined
hot-wires. 1. 13 p2222 A67-26913
- WEHRMANN, W.
Electronic generation of stochastic step
processes defined by stationary Markov
chains /Elektronische Erzeugung
stochastischer Stufenprozesse, die durch
stationäre Markoffsche Ketten bestimmt
sind/. 07 p1162 A67-20195

- Correlation analysis of stochastic processes defined by stationary Markov chains /Korrelationsanalyse stochastischer, durch stationäre Markoffsche Ketten bestimmter prozesse/. 07 p1217 A67-20196
- WEHRY, W.**
Meteorological parameters affecting supersonic transport operations. 07 p1219 A67-19066
- WEI, J.**
Numerical solution of parabolic partial differential equations with two-point boundary conditions by use of the method of lines. 20 p3391 A67-36820
- WEI, M. H. Y.**
Unified performance theory for V/STOL aircraft in equilibrium flight. I. 09 p1441 A67-22487
- WEI, R. P.**
A fractographic investigation of the effect of environment on fatigue-crack propagation in an ultra-high-strength steel. 22 p3821 A67-40051
Fatigue-crack propagation in some ultrahigh-strength steels. 24 p4171 A67-41953
- WEIBEL, E. S.**
Anomalous skin effect in a plasma. 15 p2522 A67-29211
On the design of a rotating field pinched discharge. 17 p2908 A67-33108
- WEIBLEN, R. E.**
Detecting a signal digitally. 10 p1604 A67-22970
- WEICHEL, H.**
Expansion rates of the luminous front of a laser-produced plasma. 03 p0478 A67-13573
Density and temperature of a laser induced plasma. 05 p0852 A67-16654
Observation of plasma ion oscillations in a laser-produced plasma. 17 p2901 A67-32368
Experimental and analytical study of arc retrograde motion. 19 p3281 A67-35153
- WEIDENBAUM, M. L.**
Program budgeting and the space program. [AAS PAPER 66-150] 08 p1430 A67-20970
Measurements of the economic impact of defense and space programs. 10 p1735 A67-23629
Program budgeting and the space program. [AAS PAPER 66-150] 13 p2232 A67-27551
- WEIDENHAMMER, F.**
Parametric oscillations of counterbalanced rotors /Parametererregte Schwingungen ausgewuchter Rotoren/. 13 p2216 A67-26628
- WEIDLICH, W.**
Quantum theory of noise in gas and solid state lasers with an inhomogeneously broadened line. I. 04 p0632 A67-14949
Quantummechanical solutions of the laser master-equation. I. 15 p2501 A67-30124
Quantummechanical solutions of the laser master-equation. II. 20 p3461 A67-37182
- WEIFFENBACH, G. C.**
Acquisition of electronic geodetic satellite data. 20 p3383 A67-36889
- WEIGAND, B. L.**
Contamination of relay internal ambients. 13 p2084 A67-27694
- WEIGEL, J.**
Spherical and tubular structures as new sandwich forms /Globus-und Tubusbauweise als neuentwickelte Sandwichformen/. 03 p0521 A67-13022
Tubular design and strength /Tubusbauweise/. 04 p0715 A67-15539
Cathodic and anodic synthetic deposition on metal /Die kathodische und anodische Kunststoffabscheidung auf Metall/. 18 p3054 A67-34098
- WEIGERT, A.**
Evolution in double star systems. II /Entwicklung in engen Doppelsternsystemen. II/. 11 p1864 A67-24581
Methods for calculating stellar evolution. 14 p2392 A67-28995
- WEIGL, F.**
Mach-Zehnder optical interferometry of laser induced discharges in high pressure gases. 15 p2488 A67-29903
Investigation of strong blast waves and the dynamics of laser induced plasmas in high pressure gases. [AIAA PAPER 67-696] 21 p3672 A67-38725
- WEIHRAUCH, J.**
Stereoscan investigations of metal plates exposed on LUSTER 1966, Gemini IX and XII. 19 p3339 A67-35197
- WEIHRAUCH, J. H.**
Electron microscope and microprobe measurements on Luster-flight samples. 10 p1707 A67-23238
- WEIJSSENFELD, C. H.**
The Hall angle of various superconducting niobium-tantalum alloys in the mixed state. 18 p3098 A67-33519
- WEIKEL, R. C.**
Structural analysis and design of a large area solar array. 17 p2954 A67-31980
- WEIL, H.**
Thermal radiation fields and antenna parameters in magnetoplasma. 09 p1464 A67-22448
- WEIL, J.**
Lie series solution of the equations resulting from a separation of the Helmholtz equation in special coordinate systems. 15 p2509 A67-29266
- WEIL, J. W.**
Annular effect in MHD - An example of a boundary value problem to be solved by Lie series formalism. 05 p0854 A67-16989
On the solution of some important second order differential equations in physics using Lie series. 17 p2876 A67-32045
On the solution of the general inhomogeneous linear differential equation of second order using Lie series representation. 19 p3250 A67-35891
- WEIL, L.**
Liquid helium in electromagnetic applications /L'hélium liquide dans les applications électromagnétiques/. 22 p3838 A67-40397
- WEIL, M. H. Y.**
Unified performance theory for V/STOL aircraft in equilibrium flight. II. 13 p2054 A67-27586
- WEIL, W. M.**
Description of an inertial test facility located 1,100 feet below the surface of the earth. [AIAA PAPER 67-538] 19 p3208 A67-35940
- WEILAND, E.**
Development of the BO 105 light helicopter /Die Entwicklung des "leichten Hubschraubers BO 105"/. 18 p2985 A67-33642
- WEILER, M. H.**
Multiphoton magneto-optical resonance in PbTe and InSb. 02 p0254 A67-12522
- WEILL, G.**
Variation of the brightness of the zodiacal light during a cycle of solar activity /Variation de la brillance de la lumière zodiacale au cours d'un cycle d'activité solaire/. 03 p0413 A67-13454
Excitation of the forbidden nitrogen doublet super 4 S-super 2 D observed in night airglow during a traveling ionospheric perturbation /L'excitation du doublet interdit super 4 S-super 2 D de l'azote observée dans la luminescence nocturne au cours d'une perturbation ionosphérique itinerante/. 15 p2474 A67-29479
Nocturnal recombination of the optically observed ionospheric F region /La recombinaison nocturne de la région ionosphérique F observée optiquement/. 18 p3040 A67-33693
- WEILL, G. M.**
Airglow observations near the equator. 18 p3036 A67-33607
- WEILL, R.**
Synthesis of the results of studies of the machinability of high-strength steels, titanium alloys, and refractory alloys /Synthèse des résultats d'étude de l'usinabilité des aciers à haute résistance, des alliages de titane et des alliages réfractaires/. 15 p2505 A67-30126
- WEIMER, K. R. V.**
Cerenkov coupling to beam-plasma systems. 01 p0040 A67-11313
- WEIMER, P. K.**
A self-scanned solid-state image sensor. 23 p3998 A67-40868
- WEIMER, TH.**
Motion of the moon around its center of gravity /Mouvement de la lune autour de son centre de gravité/. 08 p1395 A67-21157
- WEINBAUM, S.**
Near wake uniqueness and a re-examination of the throat concept in laminar mixing theory. [AIAA PAPER 67-65] 07 p1188 A67-19433
Exact Navier-Stokes solutions including swirl and cross flow. 21 p3609 A67-37737
- WEINBERG, A. F.**
Effects of additions of non-metals on the properties of vapor-deposited tungsten. 09 p1519 A67-22348
- WEINBERG, D. L.**
Stimulated Raman scattering in an infrared active, nontotally symmetric vibration of alpha-quartz. 21 p3641 A67-38459
- WEINBERG, E.**
Theoretical and experimental investigation of liquid metal MHD power generation. 16 p2605 A67-30583
- WEINBERG, F. J.**
Point holograms as optical elements. 18 p3048 A67-34194
- WEINBERG, I.**
A feasibility study of nuclear resonance techniques for nondestructive testing of reinforced plastics. 08 p1345 A67-20425
Thermoelectric power in silver-gold silver-germanium alloys. 16 p2731 A67-31444
Image-force effects in normal tunneling through junctions exhibiting the Josephson effect. [JPL-TR-32-1154] 18 p3106 A67-34647
Diffusion thermopower and the Fermi surface in dilute silver-gold alloys. [JPL-TR-32-1095] 24 p4200 A67-41840
- WEINBERG, S.**
General theory of resistive beam instabilities. 15 p2522 A67-29198
- WEINER, H.**
Solar cell/battery power systems for advance application. 24 p4105 A67-42515
- WEINER, M.**
Tunable, high-power ferrite frequency doubler. 21 p3598 A67-38572
- WEINER, P.**
On the number of distinct state assignments for synchronous sequential machines. 13 p2073 A67-27066
- WEINER, S.**
Miniature optically immersed thermistor bolometer arrays. 19 p3231 A67-35684
- WEINER, S. D.**
Radar scattering from blunted cone tips. 03 p0370 A67-13854
Scattering by edges - The hemisphere. 23 p3973 A67-40839
- WEINFELD, M.**
Production and experimental study of a plasma column in an intense magnetic field /Production et étude expérimentale d'une colonne de plasma dans un champ magnétique intense/. 19 p3275 A67-35107
- WEINGARTEN, W. E.**
A comparison of second, third, and fourth order phase-locked loops. 18 p3001 A67-34116
- WEINGER, S. D.**
Effect of aspect ratio on noise in proportional fluid amplifiers. 14 p2250 A67-28330
- WEININGER, J. L.**
The mechanism of the cadmium negative electrode. 09 p1445 A67-22176
- WEINREB, S.**
Applications of on-line computers in radio astronomy. 14 p2275 A67-28439
- WEINSCHL, B. O.**
Progress in radio measurement methods and standards. 05 p0804 A67-16008
Microwave attenuation standard /Mikrowellen-Daempfungsnormale/. 13 p2067 A67-26488
- WEINSTEIN, A.**
On the base problem for a compact integral operator. 22 p3828 A67-40554
- WEINSTEIN, H.**
Sonic film memory. 18 p3012 A67-34347
Sonic film memory. 19 p3189 A67-36067
- WEINSTEIN, H. G.**
Plane Couette flow of rarefied gases. 11 p1774 A67-23863
Plane Couette flow of rarefied binary gas mixtures. 13 p2101 A67-26965
- WEINSTEIN, L. M.**
Effect of two-dimensional multiple-wave distortions on the heat transfer to a wall in hypersonic flow. [AIAA PAPER 67-164] 06 p1115 A67-18294
Heat transfer to wavy wall in hypersonic flow. [AIAA PAPER 67-164] 21 p3732 A67-38855
- WEINSTEIN, M.**
A contribution to the question of compatibility between metals and certain high modulus fibers. 03 p0443 A67-13429
- WEINSTOCK, J.**
Kinetic equation to higher orders in the plasma parameter. 08 p1363 A67-21394
Low-frequency microscopic fluctuations in a bounded plasma. 08 p1365 A67-21404
- WEINSTOCK, R.**
Entropy and temperature in equilibrium statistical mechanics. 20 p3484 A67-36835

- VEIR, J. R.**
Postirradiation creep and stress rupture of Hastelloy N. 08 p1343 A67-21195
- WEIRATHER, R. R.**
Dielectric bath promotes togetherness in IC's. 12 p1915 A67-25888
- WEIS, E. B., JR.**
The motion of the human center of mass and its relationship to mechanical impedance. 09 p1456 A67-22370
Cineradiographic analysis of human visceral responses to short duration impact. 23 p3951 A67-41553
Cineradiographic analysis of human visceral responses to short duration impact. 23 p3960 A67-41704
- WEISBERG, S. A.**
Computer technique for estimating system reliability. 01 p0031 A67-11338
Reliability design analysis for space systems. 18 p3139 A67-34698
- WEISBROD, S.**
High-power, high-efficiency silicon avalanche diodes at ultra high frequencies. 13 p2076 A67-26519
- WEISER, K.**
Interaction of two avalanching layers in GaAs. 06 p1051 A67-18222
- WEISFELD, M.**
The derivation of the deflection of the vertical from Stokes formula. 09 p1492 A67-22681
- WEISMAN, F. T.**
Maintaining a small expensive fleet. 24 p4094 A67-42277
- WEISS, D. W.**
Reliability prediction with inadequate data. 18 p3058 A67-34699
- WEISS, E. R.**
Influence of storable propellant liquid rocket design parameters on combustion instability. [AIAA PAPER 67-474] 18 p3113 A67-33944
- WEISS, H.**
Capacity and optimum configuration of displays for group viewing. 03 p0365 A67-13299
- WEISS, H. G.**
A description of a high-performance microwave experimental facility. 04 p0596 A67-15047
Effect of additives on the ignition delay time of hypergolic propellants. 19 p3310 A67-35012
- WEISS, H. S.**
Metabolic depression in animals exposed to air after living in a He-O sub 2 environment. 23 p3944 A67-40823
A multiple place metabolimeter with a servo-driven volume meter for use with artificial atmospheres. 23 p3999 A67-41088
- WEISS, J.**
Contribution to the numerical solution of algebraic equations of higher degree /Prispevek k numerickemu reseni algebraickych rovnici vyssich stupnu/. 06 p1025 A67-18557
Application of digital computers to the determination of the behavior of pressure in solid-propellant rocket engines /Zastosowanie matematycznych maszyn cyfrowych do okreslenia przebiegu cisnienia w silnikach rakietowych na paliwo stale/. 07 p1239 A67-19351
- WEISS, J. O.**
A new high temperature fiber, its properties and performance. 21 p3647 A67-37873
- WEISS, L.**
Generalized maximum likelihood estimators. 11 p1812 A67-24098
Finite time stability under perturbing forces and on product spaces. 11 p1771 A67-24892
- WEISS, M.**
Design maturity demonstration of the LEM rendezvous radar. 04 p0576 A67-15397
Thermal design of steerable space antennas. 22 p3750 A67-40409
- WEISS, M. D.**
Instrument engineer's guide to digital computer control. 21 p3587 A67-37957
- WEISS, N. O.**
Concentration of magnetic fields by convection in the sun. 21 p3709 A67-38991
- WEISS, R.**
An ultrareliable sensing system for vehicles with limited sparing capability. 21 p3624 A67-37786
- WEISS, R. F.**
A new theoretical solution of the laminar, hypersonic near wake. [AIAA PAPER 67-63] 06 p0940 A67-18353
- WEISS, T. F.**
A model of the peripheral auditory system. 17 p2806 A67-32044
- WEISSBERGER, E.**
Reaction of O/super 1 D/ with CO sub 2 at low temperatures. 23 p3971 A67-40970
- WEISSE, J.**
Diffusion plasma in the experiments Daphnis I and Daphnis II. 11 p1835 A67-24383
Determination of the electron distribution function from the breakdown of the probe current into its electron and ion components /Determinacion de la funcion de distribution des electrons a partir de la separation du courant de sonde en ses composantes electroniques et ioniques/. 19 p3267 A67-34947
- WEISSENBACH, B.**
Statistical mechanics of vehicle motion /Statistische Mechanik von Flugkoerperbewegungen/. 04 p0703 A67-14550
- WEISSGLAS, P.**
Coupling of waves in a hot inhomogeneous anisotropic electron plasma. 07 p1228 A67-19509
- WEISSLER, G. L.**
Optical constants of evaporated barium in the vacuum ultraviolet. 03 p0499 A67-13909
- WEISSMAN, D. E.**
Measurements of the charged particles of an equilibrium turbulent plasma. 02 p0275 A67-12550
Microwave scattering from an underdense turbulent plasma. 05 p0760 A67-15999
Plasma diagnostics using electrostatic probes under short mean free path conditions. 11 p1827 A67-23882
- WEISSMANN, G. F.**
A high damping magnesium alloy for missile application. 04 p0638 A67-15175
- WEISSMANN, S.**
Dislocation substructure and extension of fatigue life in metal crystals. 06 p1013 A67-17798
- WEISZ, M.**
Study of plastic deformation mechanisms of polycrystalline beryllium between 80 and 500 deg K /Contribution a l'etude des mecanismes de deformation plastique du Be polycristallin entre 80 et 500 deg K/. 13 p2138 A67-27121
- WEITSMAN, Y.**
A note on singularities in a Cosserrat. 17 p2964 A67-33141
- WEITZIG, H.**
Compatibility of metallic materials with medium-energy hypergolic rocket propellants /Vertraeglichkeit metallischer Werkstoffe mit mittlereenergetischen, hypergolen Raketentreibstoffen/. 01 p0139 A67-10211
- WEITZMAN, W.**
A comparison of shroud-mounted with tank-mounted high-performance insulation. 13 p2214 A67-27655
- WEITZNER, H.**
Longitudinal plasma oscillations. 20 p3494 A67-36150
- WEITZSCH, F.**
A discussion of some known physical models for second breakdown. 07 p1156 A67-19894
- WEIXELMAN, L. W.**
A current survey of aircraft fuel gauging systems. [SAE PAPER 670263] 11 p1789 A67-23986
- WEIZER, V. G.**
On the resolution of the field-ion microscope. 23 p3998 A67-40896
- WELBORN, J.**
Mixed scattering in III-V compounds. 06 p1067 A67-18964
- WELCH, A. S.**
Graded effect of social stimulation upon d-amphetamine toxicity, aggressiveness and heart and adrenal weight. [AFOSR-66-1883] 19 p3178 A67-35885
- WELCH, B. E.**
Spacecraft atmosphere selection. 02 p0187 A67-12319
Detailed study of contaminant production in a space cabin simulator at 760 mm of mercury. 15 p2430 A67-29278
Contaminant concentrations in a space cabin simulator at 258 mm Hg. 23 p3964 A67-41559
Normal man and chronic hypercapnia - Metabolic aspects. 23 p3955 A67-41605
Physiology of man during steady state exercise in a 180 mm total pressure environment. 23 p3955 A67-41617
- WELCH, B. L.**
Graded effect of social stimulation upon d-amphetamine toxicity, aggressiveness and heart and adrenal weight. [AFOSR-66-1883] 19 p3178 A67-35885
- WELCH, J. A.**
Theoretical description of trapped electron diffusion in the South American anomaly. 12 p1995 A67-25772
Longitude dependence of geomagnetically trapped electrons. 22 p3791 A67-39808
- WELCH, J. D.**
The application of spatial filter techniques to precision autonomous space navigation. 02 p0264 A67-12316
Space navigation by spatial filtering of landmarks. 17 p2881 A67-32436
- WELCH, J. R.**
Engine vibration signals as an aid to fault diagnosis. [SAE PAPER 670872] 24 p4207 A67-42009
- WELCH, N. E.**
A new concept to the general understanding of the effect of longitudinal conduction for multistream counter flow heat exchangers. 04 p0728 A67-15806
The analysis of turbulence from data obtained with a laser velocimeter. [AIAA PAPER 67-179] 06 p0990 A67-18511
- WELCH, R. C.**
Integrated reliability program for Scout research vehicle. 18 p3139 A67-34702
- WELCH, W. J.**
Observations of Jupiter, Saturn, and Mercury at 1.53 centimeters. [AD-653438] 05 p0892 A67-16409
The microwave spectrum of Venus in the frequency range 18-36 Gc/sec. 11 p1865 A67-24601
Measurement of the cosmic microwave background temperature at 1.5-cm wavelength. 15 p2551 A67-30161
Upper limits on liquid water in the Venus atmosphere. 17 p2945 A67-32652
- WELEFF, W.**
Radiation effects on shear strength of several alloys at liquid hydrogen environment. 13 p2143 A67-27678
- WELLENHOFER, H.**
New methods for determining the plasma output of anomalous glow discharges /Neue Methoden zur Bestimmung des Plasmawirkungsgrades von anomalen Glimmladungen/. 19 p3273 A67-35099
- WELLER, C. S.**
Measurements of dissociative recombination of CO sub 2 super plus ions with electrons. [SRCC-55] 17 p2888 A67-32826
- WELLNITZ, J. N.**
Thermal conductance of magnesium joints. 05 p0929 A67-17451
- WELLS, A. A.**
Fracture in engineering design. 23 p4076 A67-40696
- WELLS, C. H.**
The effect of temperature on the low-cycle fatigue behavior of Udimet 700. 18 p2693 A67-31870
The elastic constants of a directionally-solidified, nickel-base superalloy, Mar M-200. 16 p2693 A67-31874
- WELLS, C. R.**
Analytical development of mathematical model for response of Saturn IB launch vehicles to inflight winds, flexible and rigid body. 10 p1713 A67-23750
- WELLS, C. S., JR.**
Effects of freestream turbulence on boundary-layer transition. 05 p0794 A67-17364
Boundary-layer transition on blunt bodies - Effect of roughness. 21 p3614 A67-38891
- WELLS, E. E.**
Advanced research telescope for lunar surface use. 02 p0246 A67-12414
- WELLS, H. O.**
On random vibration testing of relays. 13 p2085 A67-27699
- WELLS, J. W.**
Paleontological evidence of the rate of the earth's rotation. 24 p4151 A67-42318
- WELLS, R. A.**
Martian and lunar craters. 06 p1089 A67-18648
Some comments on Martian white clouds. 11 p1862 A67-24501
Some aspects of Martian clouds and their relationship to the topography. 18 p3124 A67-34156

- WELLS, R. H.
Crack propagation and residual static strength of fatigue-cracked titanium and steel cylinders. 24 p4247 A67-41943
- WELLS, R. J.
The use of gases other than air in the acoustical testing of model compressors. [ASME PAPER 67-GT-27] 11 p1742 A67-24806
- WELLS, R. L.
A study of cracking during welding of aluminum alloys. [ASME PAPER 66-WA/MET-5] 04 p0639 A67-15341
- WELLS, W. M.
High-temperature testing and evaluation of graphite helical-screw expanders and compressors. 15 p2492 A67-29427
- WELSH, E. C.
National space program planning viewpoint of Executive Branch of Federal Government. [AIAA PAPER 67-628] 20 p3556 A67-37619
- WELSH, L. M.
Cross sections for electron capture by fast protons in H sub 2, He, N sub 2, and Ar. 17 p2889 A67-33227
- WELSH, R. E.
A measurement of the lifetime of the 14.4 kev level of super 57 Fe. 03 p0471 A67-13225
A modular 100 mc/sec digital timer. 06 p1001 A67-17852
- WELSH, R. L.
Imploding shocks and detonations. 19 p3209 A67-35411
- WELSH, R. S.
Cellular biochemistry and organ mass of cold-and heat-acclimated monkeys. 04 p0560 A67-14582
- WELSH, W.
Annealing of dislocation pinning centers in the temperature range 120 deg to 180 deg K in alkali halide crystals. 02 p0298 A67-11888
- WELSH, W. E., JR.
A new technique for mechanical strength testing of rapidly charred ablation materials. 21 p3650 A67-38874
- WELTMAN, G.
Perceptual narrowing in novice divers. 14 p2256 A67-28662
- WELZ, M.
Possible applications of glass-fiber-reinforced plastics /Anwendungsmoeglichkeiten glasfaserverstaerkter Kunststoffe/. 06 p1007 A67-18019
- WEMPEN, R. R.
Physiology of man during steady state exercise in a 180 mm total pressure environment. 23 p3955 A67-41617
- WEMPLER, S. H.
Evidence from Raman scattering for an overdamped soft optic mode in BaTiO sub 3. 23 p4038 A67-40796
- WEMPNER, G. A.
Theory for moderately large deflections of sandwich shells with dissimilar facings. 13 p2219 A67-26906
The boundary conditions for thin shells and their physical meaning. 16 p2764 A67-30862
- WEN, C. P.
Intra-cavity color selection in ion lasers. 06 p1010 A67-17888
Mechanisms of electron beam excitation of ion lasers. 09 p1514 A67-22272
Measurements of electron impact excitation cross sections of laser states of argon /II/. 10 p1665 A67-23382
- WEN, K.-S.
An eddy diffusion model for predicting rapid wake ionization decay behind hypersonic cones. [AIAA PAPER 67-21] 06 p0938 A67-18257
- WENDE, B.
Continuous-absorption cross section of argon in arc plasma /Kontinuierlicher Absorptionsquerschnitt von Argon im Bogenplasma/. 05 p0854 A67-16988
Asymmetric broadening of the H beta Balmer line in plasma /Asymmetrische Verbreiterung der Balmer-Linie H beta im Plasma/. 09 p1536 A67-21562
- WENDEROTH, S.
Multispectral color aerial photography. 22 p3797 A67-39451
- WENDL, M. J.
Automatic flight control system for automatic terrain following. 19 p3174 A67-35965
- WENDLAND, P. H.
Multiply reflective laser detector diode. 11 p1802 A67-24737
- WENDT, J. F.
Ion acoustic waves in a cesium plasma. 11 p1837 A67-24396
- WENER, S.
Detailed analysis of flares, magnetic fields and activity in the sunspot group of Sept. 13-26, 1963. 10 p1703 A67-23799
- WENG, P. S.
Lithium fluoride thermoluminescent responses to neutrons. 04 p0685 A67-15710
- WENGER, C. E.
A meteorological telemetry system for gun-launched probes. 08 p1292 A67-20664
- WENGER, N. C.
Resonant frequency of open-ended cylindrical cavity. 17 p2828 A67-33083
- WENOGRAJ, J.
Investigation of solid propellant decomposition characteristics and their relation to observed burning rates. 15 p2544 A67-29989
The effects of pressure and additives on the kinetics of decomposition of ammonium perchlorate. 19 p3309 A67-35003
- WENTWORTH, R. C.
The geometry of the magnetosphere. 22 p3792 A67-39820
- WENTZEL, D. G.
On the motion of shocks through the solar chromosphere. 17 p2944 A67-32642
- WENTZEL, M. G.
Launch operations for manned space flight in the 1970's. [AIAA PAPER 66-865] 03 p0397 A67-14130
- WENZEL, A. R.
Pressure correlation for a cylinder in a diffuse sound field. 20 p3537 A67-36646
- WENZEL, L. M.
Experimental verification of a double-dead-time model describing chugging in liquid-bipropellant rocket engines. 24 p4207 A67-42689
- WENZEL, R. J.
Theoretical and practical applications of capacitance matrix transformations to TEM network design. 08 p1304 A67-21224
The digital elliptic filter - A compact sharp-cutoff design for wide bandstop or bandpass requirements. 15 p2444 A67-29453
- WENZELL, R. M.
Flight test development of the OV-10A. 06 p0947 A67-18199
- WENZL, E.
The Stefan-Boltzmann law - A fundamental law of astrophysics /Das Stefan-Boltzmannsche Gesetz - Ein Grundgesetz der Astrophysik/. 05 p0846 A67-16730
- WERDERN, P. J.
Methods for determining the economic impact of value engineering changes. 23 p4085 A67-40585
- WERKEMA, M. S.
Using aluminum alloy strain measurements. [SAE PAPER 67-0153] 09 p1509 A67-22543
- WERLE, H.
Water tunnel visualization of vortex flow. 15 p2465 A67-29399
- WERLICH, H. W.
Holographic production of spatial filters for code translation and image restoration. 24 p4159 A67-43097
- WERNER, J. B.
Experimental correlation of a transient heat transfer analysis of a complex spacecraft model. [AIAA PAPER 67-157] 06 p1118 A67-18506
- WERNER, M.
On the detection of water on the moon. 17 p2952 A67-33250
- WERNER, P.
On the behavior of stationary electromagnetic wave fields for small frequencies. 01 p0024 A67-10523
A numerical method for the exterior Dirichlet problem for the reduced wave equation. 05 p0835 A67-16738
- WERNICK, J. H.
Nuclear relaxation measurements in the superconducting and normal states of some V sub 3 X compounds. 07 p1236 A67-20139
- WERNICK, R. J.
The infinitely long partial arc self-acting gas bearing - A method of solution for the full range of the compressibility number. 19 p3237 A67-35866
- WERNITZ, W.
Inversion of a conical disk /cup spring/, taking into account the generatrix curvature /Stueipen einer konischen Ringscheibe /Tellerfeder/ unter Beruecksichtigung der
- Mantellinienkrueimmung/. 18 p3144 A67-34262
- WERNLUND, R. F.
Comparative merits of radioisotope and machine sources of X-radiation for aerospace applications. 02 p0266 A67-12217
A pulsed X-ray instrument for altitude measurement and terrain identification. 05 p0806 A67-16528
In-flight instrumentation for prompt missile distance measurement using gamma ray techniques. 05 p0841 A67-16533
- WERNTZ, C.
Solar neutrinos from the super 3 He /p, e super plus nu/ super 4 He reaction. 16 p2741 A67-31929
- WERT, C. A.
The clustering of oxygen in solid solution in niobium. II. [AD-642957] 17 p2871 A67-32628
- WERTHAMER, N. R.
Anisotropy and temperature dependence of the upper critical field of type-II superconductors. 07 p1236 A67-20136
Temperature and purity dependence of the superconducting critical field H sub c2. IV. 17 p2925 A67-33378
- WERTS, A.
Propagation of coherent light in optical fibers /Propagation de la lumiere coherente dans les fibres optiques/. 02 p0190 A67-11528
Restitution of holograms in partially coherent light /Restitution d'hologrammes en lumiere partiellement coherente/. 13 p2119 A67-26587
Transmission of images through an optical fiber /Transmission des images a travers une fibre optique/. 13 p2120 A67-27206
- WERTS, D. D.
Establishment and maintenance of a communication satellite system. 06 p1094 A67-17696
- WERTZ, D. L.
Reinvestigation of the structures of ethanol and methanol at room temperature. 20 p3378 A67-37560
- WERTZ, D. W.
On the infrared spectra of HNCS and DNCS. 19 p3181 A67-35016
- WERTZ, H. J.
Analog and digital computation of Fourier series and integrals. 09 p1470 A67-22667
- WESCOTT, E. M.
Hydromagnetic emissions at the geomagnetic poles. 01 p0060 A67-10892
Coastal effects in magnetic and telluric current variations near a complex land, shelving seawater boundary. 13 p2108 A67-26317
- WESLEY, D. A.
On the dynamic characteristics of a variable-mass slender elastic body under high accelerations. [AIAA PAPER 67-41] 06 p1095 A67-18263
On the dynamic characteristics of a variable-mass slender elastic body under high accelerations. [AIAA PAPER 67-41] 17 p2956 A67-33013
- WESLEY, T. A. B.
Numerical calculations of the critical conditions in thermal explosion theory with reactant consumption. 18 p3156 A67-33850
Experimental investigations of convective and convective heat transfer in relation to thermal ignitions. 18 p3156 A67-33852
- WESSELING, K. H.
A single-sideband-double-sideband interferometer receiver for radio astronomy. 11 p1764 A67-24308
- WESSON, J. A.
Stability of the theta-pinch. 08 p1361 A67-21132
Heat flow through a Langmuir sheath in the presence of electron emission. 11 p1828 A67-23894
Dynamic stabilization of the theta pinch. 23 p4031 A67-40793
- WEST, A.
Potable water standards for aerospace systems - 1967. 21 p3576 A67-38077
Potable water standards for aerospace systems - 1967. 23 p3968 A67-41620
- WEST, A. A.
The air cushion performance of a tracked hovercraft in a tunnel. 22 p3746 A67-40067
- WEST, G. S.
Probability of solar flare occurrences. 22 p3873 A67-39922
- WEST, G. S., JR.
The atmosphere of Mars - A derivation of parameters for engineering and design applications. 12 p2003 A67-25688

- The atmosphere of Mars - A derivation of engineering and design parameters. 22 p3887 A67-40140
- WEST, J. W. Microwave integrated circuits. 05 p0770 A67-16241
- WEST, L. P. A vestigial-sideband FM modem. 02 p0201 A67-12119
- WEST, R. F. A configuration study for an ELDO-PAS test satellite based on communications requirements. 17 p2955 A67-32396
- WESTBROOK, J. H. The temperature dependence of hardness of some common oxides. 20 p3472 A67-36113
- WESTBURG, P. W. Shrouds for space payloads. 11 p1870 A67-25006
- WESTCOTT, J. H. The application of Bayesian statistics to the control of noisy extremum systems. 02 p0226 A67-12145
- WESTCOTT, R. J. Investigation of multiple F.M./F.D.M. carriers through a satellite T.W.T. operating near to saturation. 15 p2438 A67-30140
- WESTENBERG, A. A. Applications of ESR to the chemical kinetics of gases. 04 p0566 A67-15173
- WESTERHOF, TH. J. An experimental reflex klystron for 1.5 mm wavelength. 22 p3768 A67-39493
- WESTERMAN, R. E. High temperature corrosion and evaporation of Haynes 25 and Hastelloy X-280. 14 p2336 A67-28148
- WESTERMEIER, H. High-power solid-state CW laser employing 3-in. ruby crystals /Kontinuierlicher Hochleistungsfestkoerperlaser unter Verwendung von Drei-Zoll-Rubinkristallen/. 01 p0088 A67-10244
- WESTERVELT, F. H. Holographic synthesis of computer-generated holograms. 07 p1188 A67-19796
- WESTFALL, W. D. Diurnal changes of phase and group velocity of VLF radio waves. 07 p1142 A67-19450
- WESTHEAD, J. W. Transient ionization effects in silicon induced by 48 Mev electron pulses. 04 p0685 A67-15695
- WESTINE, P. S. Model tests for structural response of Apollo command module to water impact. 07 p1257 A67-19368
- WESTLEY, J. W. Chemical resolution of secondary /plus or minus-/alcohols. 06 p0956 A67-18576
- The Pasteur probe - An assay for molecular asymmetry. 15 p2433 A67-29116
- WESTLUND, E. F. Vapor-plating aluminum on beryllium for welding. 11 p1798 A67-24264
- WESTMANN, R. A. Note on estimating critical stress for irregularly-shaped-planar cracks. 08 p1422 A67-20956
- Stress analysis of cracked rectangular beams. [ASME PAPER 67-APM-21] 17 p2964 A67-33150
- WESTON, K. C. Aerothermodynamics - The Apollo experience. 16 p2761 A67-30935
- WESTON, V. H. The effect of curvature on the reflection coefficient of layered absorbers. 03 p0370 A67-13852
- Oblique incidence of an electromagnetic wave on plasma half-space. 13 p2065 A67-26290
- WESTPAHL, K. Diffraction of scalar high-frequency waves on a circular diaphragm /Beugung skalarer Hochfrequenter Wellen an einer Kreisblende/. 22 p3912 A67-39783
- WESTPHAL, J. A. Reconnaissance of infrared emission from the lunar nighttime surface. 18 p3134 A67-34497
- WESTPHALEN, H. A frequency multiplier from 10 to 30 GHz /Ein Frequenzvervielfacher von 10 auf 30 GHz/. 20 p3398 A67-36863
- WESTWATER, J. W. Film boiling of a mixture on a horizontal plate. 10 p1732 A67-22729
- WESTWOOD, A. R. C. Rebinders effects in MgO. 23 p4035 A67-40655
- WESTWOOD, D. H. CADRE - Computer aided design and reliability engineering. 13 p2074 A67-27449
- Digital-synthesizer design with a simplified chart. 14 p2276 A67-28919
- WETHERILL, G. W. Collisions in the asteroid belt. 14 p2384 A67-28055
- WETMORE, R. J. Plonic and muonic X rays in liquid helium. 24 p4192 A67-42735
- WETSEL, G. C., JR. Two-phonon absorption in ultrasonic paramagnetic resonance of uranium-doped calcium fluoride. 14 p2365 A67-28295
- WETERSTAD, L. The supersonic combustion ramjet /Das Straahltriebwerk mit Ueberschallverbrennung/. 06 p1073 A67-17609
- WEVER, A. Results of recent microparticle hypervelocity impact studies related to sensors of cosmic dust experiments. 19 p3229 A67-35210
- WEVER, R. Mathematical model for the circadian periodicity /Ein mathematisches Modell fuer die circadiane Periodik/. 13 p2058 A67-26629
- WEXLER, B. Direct electron excitation cross sections pertinent to the argon ion laser. 02 p0253 A67-12520
- WEXLER, D. M. Orbital resonance caused by tesseral harmonics. 02 p0328 A67-12400
- WEYAND, J. D. Iridium coatings for the protection of graphite reentry structures. 20 p3465 A67-36607
- WEYBREW, B. B. Effect of isolation in a constant environment on periodicity of physiological functions and performance. 23 p3959 A67-41697
- WEYGANDT, C. N. Identification of a linear system from discrete values of input-output data. 08 p1311 A67-20344
- WEYMANN, H. D. Finite speed of propagation in heat conduction, diffusion, and viscous shear motion. 18 p3159 A67-34070
- WEYMANN, R. Possible thermal histories of intergalactic gas. 11 p1860 A67-24485
- WEZNER, F. S. An erectable antenna for space communications. 04 p0569 A67-14501
- WHALE, H. A. Rotating interferometer and its use in measuring the spread and coherence ratio of a scattered radio wave. 05 p0760 A67-15997
- WHALEN, B. A. Rocket observations of electron pitch-angle distributions during auroral substorms. 15 p2473 A67-29187
- Rocket measurements in proton aurora. 24 p4209 A67-42262
- WHALEN, P. M. Factors in recovery from performance decrement-Activation, inhibition and warm-up. [NAVTRADEVEN-IH-72] 24 p4114 A67-41809
- WHALEY, R. E. Fatigue tests of unmachined, mechanically machined, and chemically machined panels of aluminum and titanium alloys. 10 p1669 A67-23437
- WHALEY, R. The oscillogyro. 14 p2322 A67-29010
- It pays to derive T.F.'s by Lagrangian equations when systems get complicated. 19 p3206 A67-36033
- WHARRY, J. The multiple scan correlator. 20 p3452 A67-37312
- WHARTON, C. B. Intense microwave radiation from a dense, unstable plasma /Moshchnoe mikrovolnovoe izluchenie plotnoi neustoiichivoi plazmy/. 17 p2894 A67-32145
- Cyclotron waves in a collisionless plasma. 19 p3288 A67-35373
- Collisionless damping of large-amplitude plasma waves. 22 p3853 A67-40242
- WHEALY, R. D. Nondestructive inspection of a composite structure. 22 p3812 A67-39857
- WHEATLEY, C. F. Thermal regeneration in power-dissipating elements. 06 p0971 A67-18245
- WHEATLEY, D. E. Fluidics - A new technology. 20 p3364 A67-37171
- WHEATLEY, P. O. An accelerated gradient method for parameter optimization with non-linear constraints. 01 p0104 A67-10428
- An accelerated gradient method for parameter optimization with nonlinear constraints. [AAS PAPER 66-118] 07 p1217 A67-19977
- WHEATON, E. P. Space commerce. 13 p2231 A67-27512
- WHEELER, G. A. A metallographic technique for polishing and etching beryllium. 24 p4173 A67-42349
- WHEELER, H. A. The grating-lobe series for the impedance variation antenna in a planar phased-array. 03 p0384 A67-13848
- WHEELER, J. L. Transmission loss for ionospheric propagation above the standard MUF. 05 p0760 A67-16005
- WHEELER, L. A. An iterative procedure for solving the discrete terminal control problem. 02 p0226 A67-12152
- WHEELER, R. G. Far-infrared spectra of erbium, dysprosium, and samarium ethyl sulphate. 04 p0686 A67-15778
- WHEELER, R. L. The hovercraft noise problem. 06 p0946 A67-17915
- WHEILDON, W. M. Flame-sprayed ceramic coatings in space technology. 06 p1021 A67-18764
- WHELAN, J. W. Digital versus analog television transmission from spacecraft. 06 p0964 A67-18415
- WHELAN, M. V. On the role of sodium and hydrogen in the Si-SiO sub 2 system. 02 p0300 A67-12518
- WHELCH, C. J. Smokeless propellants for rocket propulsion and gas generators. 15 p2544 A67-29981
- WHELDON, R. J. Limitation of discharge current in constricting apertures. 19 p3278 A67-35127
- WHELTON, J. J. Removing heat from high-density packaged electronics. [ASME PAPER 67-DE-47] 14 p2408 A67-28880
- WHERRY, M. D. LMSC pyrotechnic shock experience. [SAE PAPER 660717] 01 p0139 A67-10606
- WHERRY, R. J., JR. Some secondary determiners of psychological stress. 10 p1601 A67-23820
- WHINNERY, J. R. Progress in radio electronics. 06 p0968 A67-18072
- WHIPPLE, C. L. Silicones in outer space. 15 p2508 A67-29557
- WHIPPLE, E. C., JR. Theory of a satellite electrostatic probe. 21 p3625 A67-37899
- WHIPPLE, F. L. On the satellite geodesy program at the Smithsonian Astrophysical Observatory. 01 p0056 A67-10040
- The meteoritic environment of the moon. 08 p1389 A67-21017
- On the satellite geodesy program at the Smithsonian Astrophysical Observatory. 10 p1636 A67-23177
- Tracking by the Smithsonian Astrophysical Observatory. 18 p3003 A67-34236
- Acquisition of optical data for geodetic satellite programs. 20 p3382 A67-36888
- WHIPPLE, L. D. Progress report - Development of advanced composite structures. 03 p0443 A67-13414
- WHISENHUNT, R. M. Saturn IB flight test loads investigation. 10 p1713 A67-23734
- WHISNANT, J. M. Use of Malkin's theorem for satellite stability in the presence of light pressure. 11 p1870 A67-24723
- WHISTLER, R. A compact, air-to-ground laser

- range-finder. 23 p3999 A67-41028
- WHITACRE, G. R.**
A random intact reentry and earth burial study for radioisotope thermoelectric generators. 24 p4241 A67-42559
- WHITAKER, E. A.**
Further observations on the Ranger VII records. 05 p0896 A67-16715
- WHITAKER, J.**
Preparation and characteristics of gallium arsenide. 10 p1692 A67-23512
- WHITAKER, R. O.**
Experimental investigations of closed-loop MPD power generation. 16 p2602 A67-30557
- WHITBECK, R. F.**
A suboptimal approach to the control of systems containing uncertain parameters. 24 p4137 A67-42903
- WHITBY, C. M.**
A unique visual simulation facility. 08 p1314 A67-20659
- WHITE, A.**
Handling the XB-70A. 07 p1129 A67-19910
- WHITE, A. D.**
Gas-laser frequency stabilization. 06 p1010 A67-17965
Pressure-and current-dependent shifts in the center frequency of the Doppler-broadened $2p$ sub 4 goes to $3s$ sub 2/6328-angstrom units 20 sub Ne transition. 07 p1197 A67-20100
Control system for frequency stabilizing a 6328 angstrom units gas laser. 20 p3459 A67-36519
- WHITE, A. F.**
Electrothermal microthruster systems. [AIAA PAPER 67-423] 18 p2988 A67-33907
- WHITE, A. M.**
A system for continuous high efficiency pumping of crystal laser rods. 20 p3461 A67-37290
- WHITE, A. P.**
Double diffused gallium arsenide transistor. 10 p1617 A67-23537
- WHITE, C. E.**
The orbiting astronomical observatory /OAO/ structure. 10 p1712 A67-22991
- WHITE, D. F.**
The control of the hazards from lasers. 23 p4015 A67-41053
- WHITE, D. K.**
Pilots report - "Brakes A-OK." 05 p0753 A67-16164
- WHITE, D. R.**
Density induction times in very lean mixtures of D sub 2, H sub 2, C sub 2 H sub 2, and C sub 2 H sub 4, with O sub 2. 18 p3081 A67-33792
- WHITE, E. C.**
Development of the Cuckoo rocket motor. 24 p4206 A67-42580
- WHITE, G. C., JR.**
Reliability prediction activities in the Apollo program. 18 p3139 A67-34697
- WHITE, H.**
Welding in modern gas turbine engine manufacture. 18 p3053 A67-33431
- WHITE, H. E.**
Failure-correction decoding. 09 p1459 A67-21578
- WHITE, H. G.**
P-n junctions in compensated solution-grown GaP. 17 p2921 A67-33053
- WHITE, H. L.**
Interaction of streptonigrin with DNA in vitro. 06 p0952 A67-17873
- WHITE, J. A.**
Onset of long-range order in a critical solution of macromolecules. 06 p1035 A67-17829
Ears on the line profile of decay transitions in a gas laser. 23 p4016 A67-41324
- WHITE, J. B.**
Application of redundancy in the Saturn V guidance and control system. [AIAA PAPER 67-553] 19 p3257 A67-35950
- WHITE, J. E.**
A compatibility study of SiC and B fibers in Be, Fe, Co, and Ni matrices. 03 p0444 A67-13430
Thermionic properties of tungsten in iodide vapors. 17 p2887 A67-32201
- WHITE, J. P.**
Gallium arsenide insulated gate field effect transistors. 10 p1617 A67-23540
Gallium arsenide FET's outperform conventional silicon MOS devices. 15 p2455 A67-30391
- WHITE, J. R.**
Interaction of streptonigrin with DNA in vitro. 06 p0952 A67-17873
- WHITE, J. S.**
Micro-yield stress determinations of cast and extruded beryllium. 13 p2138 A67-27119
Machining damage studies in beryllium. 13 p2123 A67-27133
Estimating reliability from the first two failures. 15 p2495 A67-30414
- WHITE, J. W.**
Deep-space optical communications. [AIAA PAPER 66-317] 06 p0961 A67-17706
- WHITE, M. B.**
Generation of combination tones by the interaction of orthogonal oscillations in a gas laser. 13 p2126 A67-27015
- WHITE, O. R.**
On the height of formation of H-alpha in the solar chromosphere. [AFCRL-66-834] 02 p0323 A67-11694
- WHITE, P. H.**
Estimation of structural response to aeroacoustic loads. [SAE PAPER 660721] 01 p0010 A67-10625
Transmission of random sound and vibration through a rectangular double wall. 03 p0468 A67-13214
Effect of transducer size, shape, and surface sensitivity on the measurement of boundary-layer pressures. 19 p3228 A67-34964
- WHITE, R. A.**
Effect of sudden expansions or compressions on the turbulent boundary layer. 04 p0604 A67-14840
- WHITE, R. B.**
Hypersonic viscous-interaction and rarefaction effects on impact probes. 14 p2294 A67-27794
- WHITE, R. C.**
Zero-G hydrogen tank venting systems. 13 p2057 A67-27640
- WHITE, R. C., JR.**
Experiments with digital computer simulations of pseudo-random noise generators. 18 p3006 A67-34066
- WHITE, R. D.**
Plastic shear flow in asymmetrically notched specimens. 16 p2770 A67-31293
- WHITE, R. H.**
Stellar dynamics and gravitational collapse. 14 p2393 A67-28997
- WHITE, R. J.**
Angular correlation in the helium atom. 13 p2181 A67-27182
Analytic power-series solution of the Schroedinger equation for the helium atom. 15 p2520 A67-30158
Integral series solution of the Schroedinger equation for the helium atom. 15 p2520 A67-30159
- WHITE, R. L.**
Paramagnetic resonance spectrum of Ce super 3 super plus yttrium gallium garnet. 08 p1371 A67-21312
- WHITE, R. M.**
Optical exciton-magnon absorption in MnF sub 2. 17 p2926 A67-33382
- WHITE, R. P.**
VTOL periodic aerodynamic loadings - The problems, what is being done and what needs to be done. 06 p0945 A67-17908
- WHITE, R. S.**
The earth's radiation belts. 01 p0143 A67-10254
The time dependence of the low-energy proton belts. 08 p1378 A67-21470
- WHITE, R. W.**
Positive isotope effect on the superconducting transition temperature of alpha-uranium. 23 p4044 A67-41439
- WHITE, W. J.**
Thermal comfort zones for helium-oxygen atmospheres at reduced pressures. 22 p3754 A67-39599
The effects of centrifuge radius on the performance of entry tasks. 23 p3965 A67-41567
- WHITEHEAD, A. B.**
Use of transformations in multiparameter data sorting. 12 p1909 A67-25863
- WHITEHEAD, D. S.**
Aerodynamic aspects of blade vibration. 12 p2014 A67-25412
- WHITEHEAD, J. D.**
Survey of sporadic E processes. 10 p1644 A67-23255
Ion layers in the E-region of the ionosphere with a linear attachment law. 19 p3222 A67-35456
Instabilities in a gradient of ionization and sporadic-E. 22 p3789 A67-39475
- WHITEHOUSE, D. R.**
Understanding CO sub 2
- lasers. 18 p3061 A67-34350
- WHITEHOUSE, T. S.**
Multi-level arrays in integrated circuits potentialities and applications. 02 p0219 A67-12110
- WHITEHURST, C. A.**
Flow losses in flexible hose. 22 p3785 A67-39971
- WITELAW, J. H.**
The effectiveness of the uniform density, two-dimensional wall jet. 15 p2468 A67-29128
Decay of a velocity maximum in a turbulent boundary layer. 16 p2657 A67-30614
- WITTELEY, I.**
Synthesis of distributed elliptic-function filters from lumped-constant prototypes. 04 p0580 A67-14859
- WHITEMAN, K. J.**
Computation of hydromagnetic equilibria with finite pressure in minimum-B systems. 02 p0276 A67-12561
- WHITEOAK, J. B.**
Evidence for an association between magnetic field and gas outflow from a spiral arm. 13 p2198 A67-26791
- WHITESIDES, R. H., JR.**
Forced-convection nucleate and film boiling of several aliphatic hydrocarbons. [ASME PAPER 67-HT-7] 20 p3544 A67-36705
- WHITESON, B. V.**
Special fractographic techniques for failure analysis. [ASTM PAPER 44] 18 p3145 A67-34581
- WHITFIELD, J. D.**
Comment on "Base pressure measurements on sharp and blunt 9 deg cones at Mach numbers from 3.50 to 9.20." 04 p0547 A67-14851
Simulating high-speed aerodynamics. 11 p1774 A67-25012
- WHITFIELD, W. J.**
Development of an increased sampling rate monitoring system. 23 p3961 A67-40843
- WHITHAM, G. B.**
Nonlinear dispersive waves. 01 p0024 A67-10737
- WHITING, E. E.**
Determination of Mars atmospheric composition by shock-layer radiometry during a probe experiment. [AIAA PAPER 67-293] 12 p2009 A67-26009
Calculation of molecular band spectra assuming a Gaussian line profile. 23 p4030 A67-41695
- WHITING, G. H.**
The heat pipe. 08 p1427 A67-21051
- WHITING, K.**
Design data for UHF circulators. 13 p2076 A67-26482
- WHITLEY, J. H.**
Contacts and dry circuits. 08 p1306 A67-21417
- WHITLOCK, J. R.**
Data reduction experience with a maintenance recorder on the BAC 1-11. [AIAA PAPER 67-377] 15 p2420 A67-30348
- WHITLOCK, M.**
The basic discipline of airline operation. [SAE PAPER 670343] 12 p2041 A67-25879
- WHITLOCK, W. S.**
Thin films in narrow-band receivers. 21 p3589 A67-37917
- WHITMAN, A. M.**
Characteristics of plasma probes in an MHD working fluid. 09 p1539 A67-21784
- WHITMAN, J. G., JR.**
Tracking, telemetry and command. 22 p3763 A67-40338
- WHITMER, D. A.**
The application of packaged liquid rocket powerplants to meteorological rockets. 08 p1408 A67-20523
- WHITMIRE, L. D.**
The effects of deformation on the electrical resistivity of molybdenum single crystals. 16 p2689 A67-31370
- WHITMORE, F. C.**
Low temperature breakdown in silicon Zener diode. 06 p0968 A67-17814
- WHITMORE, R. A.**
History of heat measurement calibration. 23 p4006 A67-41375
- WHITMORE, R. L.**
The flow behaviour of blood in the circulation. 18 p2990 A67-33511
- WHITNAH, A. M.**
Flight angle of attack determined from ablative heat-shield patterns. 15 p2417 A67-29447
- WHITNEY, C. G.**
Direct frequency modulation of a

- semiconductor laser by ultrasonic waves. 05 p0821 A67-16671
Frequency modulation and demodulation of a gallium arsenide injection laser using ultrasonic waves. 15 p2499 A67-29731
- WHITNEY, C. R.
Optimizing heat treatments for superalloys. 07 p1192 A67-20249
- WHITNEY, E. D.
Densification and wear resistance of ceramic systems. I. 17 p2875 A67-33407
- WHITNEY, H. E.
Middle-latitude ionospheric total electron content - Summer 1965. [RASSA PAPER 1-10-130] 03 p0417 A67-14241
A comparison of scintillations at two middle latitude observatories. 10 p1640 A67-23233
Studies of the latitudinal variations of irregularities by means of synchronous and 1000 km satellites. 10 p1640 A67-23234
The definition and use of scintillation index to describe ionospheric effects. 19 p3220 A67-35256
- WHITNEY, J. M.
Elastic properties of fiber-reinforced shells. [AIAA PAPER 66-526] 12 p2030 A67-25914
Elastic moduli of unidirectional composites with anisotropic filaments. 14 p2398 A67-28101
Experimental determination of shear modulus of laminated fiber-reinforced composites. 23 p4021 A67-40738
- WHITNEY, T. M.
Two algorithms related to the method of steepest descent. 13 p2147 A67-27173
- WHITNEY, W. M.
Ultrasonic velocity and dispersion in liquid helium II from 0.15 to 1.8 deg K. 17 p2886 A67-33231
- WHITROW, G. J.
Time-dependent internal solutions for spherically symmetrical bodies in general relativity. I. 16 p2746 A67-30865
- WHITTAKER, D.
Theoretical properties of spheroidally-symmetrical static arcs. 12 p1970 A67-25290
- WHITTAKER, T. F.
Laser oscillation on electronic transitions in neutral N sub 2 and CO. 15 p2500 A67-29910
- WHITTEN, E. H. T.
Statistical problems involved in remote sensing of the geology of the lithosphere-atmosphere interface. 05 p0803 A67-17387
- WHITTEN, R. C.
Effect of the Starfish high altitude nuclear explosion on the F2-region. 22 p3793 A67-40082
- WHITTIER, J. S.
Axially symmetric motions of a two-layered Timoshenko-type cylindrical shell. 04 p0717 A67-15909
Axially symmetric wave propagation in a two-layered cylinder. 17 p2961 A67-32778
- WHITTINGHAM, P.
The excretion of urinary catecholamines in relation to flight deck work loads. 23 p3952 A67-41577
- WHITTLE, D. P.
Compositional changes in the underlying alloy during the protective oxidation of alloys. 20 p3468 A67-37247
- WHITTLE, D. C.
The augmentor-wing research program - Past, present and future. [AIAA PAPER 67-741] 24 p4094 A67-42804
- WHYMAN, D.
A rotating-wall, D.C.-arc plasma furnace. 17 p2835 A67-33389
- WIACEK, Z.
Dimensional etching of aluminum-alloy parts by a chemical method /Trawienie kszaltowne metoda chemiczna czesci ze stopow glinu/. 23 p4009 A67-40641
- WIBBERENZ, G.
Experimental investigation of electron-photon cascades in lead scintillator devices for primary energies between 100 and 440 Mev /Experimentelle Untersuchung von Elektronen-Photonen-Kaskaden in Blei-Szintillator-Anordnungen fuer Primaerenergien zwischen 100 und 440 Mev/. 24 p4191 A67-42439
- WIBULSWAS, P.
Laminar flow heat-transfer in ducts of rectangular cross-section. 04 p0728 A67-15805
- WICHMANN, H. G.
Acceleration and retardation of plasma by magnetic waves /Beschleunigung und Verzoegerung von Plasma durch magnetische Wellen/. 04 p0688 A67-14564
Electric thrusters for communication satellites. 23 p4049 A67-41428
- WICHNER, R.
Work functions of monocrystalline and polycrystalline rhenium. 09 p1451 A67-22358
- WICK, R. L., JR.
Some unusual features of a general aviation accident. 18 p2996 A67-34724
- WICK, R. V.
Performance of a vibrational H sub 2 - Stokes oscillator. 02 p0253 A67-12516
- WICKENS, R. H.
The vortex wake and aerodynamic load distribution of slender rectangular wings. 17 p2790 A67-32215
- WICKHAM, R. J.
High quality plasma arc cutting and piercing. 20 p3456 A67-37694
- WICKINS, P. E.
Vortex streets in the earth's atmosphere. 24 p4146 A67-41786
- WICKLEIN, H. W.
Microcircuit hardening study. 04 p0590 A67-15722
- WICKRAMASINGHE, N. C.
Wavelength dependence of interstellar polarization by graphite grains. 01 p0150 A67-10890
Unified model for interstellar extinction and polarization. 09 p1569 A67-22439
Microwave background in a steady-state universe. 24 p4226 A67-41875
- WICKS, S. M.
Exposure of men to intermittent photic stimulation under simulated IFR conditions. 17 p2807 A67-31966
- WICKSTROM, R. A.
The resonant gate transistor. 13 p2079 A67-26870
The resonant gate transistor - A frequency selective component for integrated circuits. 16 p2642 A67-31724
- WIDDEL, H. U.
The morphology of winter anomaly of absorption. 10 p1646 A67-23267
An instrument for the determination of air-flow velocity in short tubes at low gas pressure /Ein Messgeraet zur Bestimmung der Stromungsgeschwindigkeit in kurzen Roehren /Ionenzaehlern/ bei niedrigem Gasdruck/. 20 p3451 A67-37300
- WIDEMANN, F.
Spectrum of internal conversion electrons emitted in the course of transmutation of samarium 155 into europium 155 /Le spectre d'electrons de conversion interne emis au cours de la transmutation du samarium 155 en europium 155/. 16 p2733 A67-31706
- WIDGER, W. K., JR.
Orbits, altitudes, viewing geometry, coverage, and resolution pertinent to satellite observations of the earth and its atmosphere. 01 p0147 A67-10325
Tabulations of some of the most frequently required information on individual Tiros satellites. 15 p2565 A67-29762
Meteorological satellite achievements. 20 p3430 A67-36900
- WIDING, K. G.
Carbon monoxide in the solar ultraviolet spectrum. 08 p1399 A67-21235
Recent extreme ultraviolet solar spectra and spectroheliograms. 10 p1707 A67-23224
Energy distribution in the solar ultraviolet continuum between 1550 and 2100 angstrom units. 24 p4225 A67-41835
- WIDLAR, R. J.
An exact expression for the thermal variation of the emitter base voltage of bipolar transistors. 07 p1155 A67-19792
Monolithic OP AMP with simplified frequency compensation. 17 p2828 A67-32899
- WIDLUND, O. B.
On difference methods for parabolic equations and alternating direction implicit methods for elliptic equations. 14 p2342 A67-28155
- WIDMAIER, J.
Measurements of electron density in the upper ionosphere by propagation measurements between sections of a high altitude rocket. 10 p1648 A67-23287
- WIDMER, J.
Lunar Orbiter camera. [SMPT PAPER 101-47] 12 p1940 A67-25465
- WIDNALL, S. E.
Aerodynamic forces of an oscillating cylindrical duct with an internal flow. 20 p3357 A67-37003
- WIDNER, R. L.
The role of lubrication in propagation of contact fatigue cracks. [ASME PAPER 67-LUB-20] 24 p4163 A67-42678
- WIEBE, W.
Fracture surface analysis by means of electron fractography. [AIAA PAPER 66-814] 01 p0077 A67-10034
Fracture surface analysis by means of electron fractography. [AIAA PAPER 66-809] 10 p1661 A67-23552
- WIEBELT, J. A.
Thermal radiation characteristics of a specular walled groove. [AIAA PAPER 66-459] 02 p0342 A67-11939
A laser source integrating sphere for the measurement of directional, hemispherical reflectance at high temperatures. [AIAA PAPER 67-300] 12 p2035 A67-26015
Thermal modeling in a simulated space environment. [AIAA PAPER 67-305] 12 p2036 A67-26020
Synergistic and accelerated testing effects on space thermal-control materials. 24 p4177 A67-42916
- WIECZOREK, L. W.
Motion of ions in gases under the influence of inhomogeneous fields /Die Bewegung von Ionen in Gasen unter dem Einfluss nichthomogener Felder/. 17 p2907 A67-33102
Influence of charge exchange and plasma efficiency on the cathode fall region of a normal glow discharge. 19 p3273 A67-35098
- WIED, O. J.
The dependence of the electrical characteristics of Ni-Cr thin films on evaporation parameters. 09 p1555 A67-22103
- WIEDEMANN, E.
Conversion of universal time to sidereal time /Die Umsetzung von Weltzeit in Sternzeit/. 02 p0267 A67-12202
- WIEDEMANN, H.
New methods for determining the plasma output of anomalous glow discharges /Neue Methoden zur Bestimmung des Plasmawirkungsgrades von anomalen Gluhmentladungen/. 19 p3273 A67-35099
- WIEDER, B.
Transmission of VLF radio waves through the ionosphere. 16 p2631 A67-31857
- WIEDER, H.
Fabrication of wide bore hollow cathode Hg super plus lasers. 23 p4016 A67-41226
Reactive optical information processing. II. 23 p4002 A67-41270
- WIEDER, H. H.
Properties of vacuum deposited InSb films recrystallized from the liquid phase. 02 p0295 A67-11765
Electron beam synthesis and crystallization of InSb films. 04 p0682 A67-15319
Electrical and galvanomagnetic properties of single crystal InSb dendrites. 05 p0869 A67-17092
- WIEDER, I.
Generation of new infrared maser frequencies by isotopic substitution. 05 p0816 A67-16634
Flame pumping and infrared maser action in CO sub 2. 17 p2866 A67-32275
- WIEDERHOLD, M. L.
Efferent inhibition of auditory-nerve responses - Dependence on acoustic-stimulus parameters. 08 p1287 A67-20483
- WIEDERKEHR, R.
Estimation of microbial survival in heat sterilization. 19 p3180 A67-35264
- WIEGAND, H.
An experimental apparatus for producing liquid drops of uniform size /Eine Versuchsanlage zur Erzeugung gleich grosser Fluessigkeitstropfchen/. 18 p3052 A67-34610
- WIEGAND, J. H.
The failure mechanism of solid propellant grains. 08 p1374 A67-20891
- WIEGAND, J. J.
Behavior of thin-film superconducting bridges in a microwave field. 12 p1985 A67-25848
- WIEGMANN, W.
Time dependence of avalanche processes in silicon. 18 p3105 A67-34628
- WIERDA, G.
Theory of Cerenkov coupling to beam-plasma systems. 01 p0040 A67-11314
- WIERUM, F. A.
State control of a flowing plasma by means of radio frequency electromagnetic

- fields. 12 p1975 A67-25921
- WIERUM, F. A., JR.**
Anomaly observed in spectral data recorded on a hypersensitized film. 17 p2863 A67-33305
- WIERWILLE, W. W.**
Nonstationary correlation analysis. 20 p3484 A67-36695
- WIERZBA, H. J.**
Magnetic double-balanced monolithic frequency converter. 22 p3773 A67-39916
- WIERZBINSKI, S.**
Concerning the so-called third integral of motion /O tzw. trzeciej calce ruchu/. 04 p0699 A67-14981
- WIESE, W. L.**
Experimental determination of transition probabilities and Stark widths of S I and S II lines. 19 p3266 A67-36089
- WIESER, E.**
Mossbauer investigations of Mn and Mg-Mn ferrites /Moessbauer-Untersuchungen an Mn- und Mg-Mn Ferriten/. 04 p0676 A67-14925
- WIESER, L. E.**
Wear-life improvement of a solid film lubricant. [ASLE PREPRINT 67AM 7A-2] 14 p2326 A67-28790
- WIESNER, F. J.**
A review of slp factors for centrifugal impellers. [ASME PAPER 66-WA/FE-18] 24 p4143 A67-42463
- WIFALL, J. R.**
Charge generation by corona discharge in electrofluiddynamic energy conversion processes. 24 p4107 A67-42528
- WIGGINS, B., JR.**
Abdominal blood flow in anesthetized dogs during plus G sub x acceleration. 23 p3950 A67-41535
- WIGGINS, J. H., JR.**
Effect of sonic boom on structural behavior. 15 p2573 A67-29401
- WIGGINS, T. A.**
Performance of a vibrational H sub 2 - Stokes oscillator. 02 p0253 A67-12516
- WIGINGTON, R. L.**
A shared memory computer display system. 03 p0375 A67-13633
- WIGLE, B. M.**
Accelerometer mounting and data integrity. 12 p1942 A67-25680
- WILK, H. B.**
The composition of the Barratta, Carraweena, Kapoeta, Mooresfort, and Ngawi meteorites. 10 p1712 A67-23807
The composition of the Belly River, Bluff, Bremervoerde, and Modoc meteorites. 10 p1712 A67-23808
- WIIN-NIELSEN, A.**
On the stability of a barotropic basic flow in a stratified atmosphere. 04 p0611 A67-14650
- WIKNER, E. G.**
Study of n-and p-type silicon exposed to highly energetic radiation. 04 p0684 A67-15689
- WIKSTEN, D.**
High-volume data-processing techniques applied to Ranger acoustic testing. 12 p1924 A67-25713
- WILBER, P. C.**
Ignition of hypergolic propellants in a simulated space environment. 07 p1163 A67-19385
- WILBERS, L. G.**
Fastener applications for aircraft gas turbine engines. 24 p4160 A67-42079
- WILBERS, O. J.**
Martian sand and dust storm experimentation. 07 p1248 A67-19386
Effects of spacecraft sterilization procedures and Mars dust environment on thermal control coatings. 15 p2503 A67-29541
- WILBUR, A. C.**
Silicon solar cells for near-sun missions. 23 p3937 A67-41490
- WILBUR, R. I.**
Theoretical and experimental determinations of neutron energy deposition in silicon. 04 p0684 A67-15688
- WILCKENS, V.**
Method for piloting aircraft along prescribed paths, particularly for manually controlled complete instrument landings /Ueber ein Verfahren zur Fuehrung von Flugzeugen auf vorgegebenen Bahnen, vornehmlich bei manuell gesteuerten, vollstaendigen Blindlandungen/. 04 p0550 A67-14548
- WILCOCK, D. F.**
Externally pressurized bearings as servomechanisms. I. [ASME PAPER 66-LUB-7] 03 p0431 A67-13759
- WILCOX, B. A.**
Substructural strengthening of a precipitation hardened molybdenum alloy. 11 p1805 A67-24108
The influence of zirconium on dynamic strengthening of niobium alloys. 20 p3468 A67-37123
- WILCOX, C. H.**
The near-field behavior of the Green's matrix in anisotropic wave motion. 13 p2158 A67-27179
Steady-state wave propagation in homogeneous anisotropic media. 18 p3077 A67-33429
- WILCOX, D. E.**
The effects of propulsion system-airframe interactions on the performance of hypersonic aircraft. [AIAA PAPER 67-493] 18 p2985 A67-33957
- WILCOX, G. E.**
Gamma and X-rays to guide copter stationkeeping. 04 p0653 A67-14605
Nuclear radiation as a guidance tool. 05 p0839 A67-16532
- WILCOX, G. W.**
Microstructure of alloys and products. 14 p2334 A67-27803
- WILCOX, J. C.**
Self-contained orbital navigation systems with correlated measurement errors. 02 p0263 A67-11925
A new algorithm for strapped-down inertial navigation. 21 p3656 A67-38951
- WILCOX, J. M.**
Influence of interplanetary magnetic field and plasma on geomagnetic activity during quiet-sun conditions. 07 p1251 A67-19912
Longitude distribution of proton flares as a function of recurrence period. 08 p1377 A67-21248
Solar system magnetic fields and plasmas. 11 p1863 A67-24548
Summary of results from IMP-I magnetic field experiment. 12 p1936 A67-25802
Solar source of the interplanetary sector structure. 17 p2953 A67-33400
- WILCOX, P. H.**
Traveling waves in relation to the surface fields on a semi-infinite cone. 14 p2261 A67-28376
- WILCOX, S. E.**
Turbopan/turboshaft powerplant for composite helicopters. [SAE PAPER 670352] 17 p2929 A67-32992
- WILCOX, T. P., JR.**
A large nuclear-electric space power plant. 24 p4186 A67-42549
- WILD, D.**
Review of wall creeping in thin magnetic films. 11 p1845 A67-23953
- WILD, J. M.**
Nuclear propulsion for aircraft. [AIAA PAPER 67-508] 18 p3076 A67-33972
- WILD, J. P.**
Radio spectrographs for observation of the sun. 14 p2386 A67-28443
- WILD, R. K.**
Birefringence, X-ray topography and electron microscope examination of the plastic deformation of diamond. 08 p1346 A67-20795
- WILDE, D. J.**
Foundations of optimization. 22 p3775 A67-39270
- WILDE, G. L.**
The Rolls-Royce three-shaft turbopan engine. [AIAA PAPER 67-375] 15 p2548 A67-30347
- WILDE, J.**
Recognition of lunar craters. 15 p2431 A67-29894
- WILDER, E. M.**
Source bias and the large-signal MOS transistor switch. 21 p3600 A67-38847
- WILDEY, R. L.**
An operational theory of laser-radar selenodesy. 16 p2623 A67-30982
Spatial filtering of astronomical photographs. 18 p3047 A67-33998
Reconnaissance of infrared emission from the lunar nighttime surface. 18 p3134 A67-34497
On the chemistry of Jupiter's upper atmosphere. 18 p3135 A67-34540
On the treatment of radiative transfer in the lunar diurnal heat
- flow. 22 p3885 A67-39980
Spatial filtering of astronomical photographs. II. 23 p3997 A67-40625
- WILDT, R.**
Thermodynamics of the gray atmosphere. III. 03 p0537 A67-14314
- WILEMAN, G. W.**
VHF/UHF R/T communications in the national air traffic control services. 09 p1465 A67-22633
- WILER, M. H.**
Nonlinear magneto-optics of electrons and holes in semiconductors and semimetals. 10 p1689 A67-23075
- WILEY, R. L.**
Perception of added airflow resistance in humans. 07 p1133 A67-19478
- WILF, H. S.**
Advances in numerical quadrature. 09 p1468 A67-22047
- WILHELM, F.**
Recent developments in instrumentation and fuel systems for turbocharged and/or pressurized aircraft. [SAE PAPER 670262] 12 p1899 A67-25510
- WILHELM, H. E.**
Experimental investigation of closed-loop MPD power generation. 16 p2602 A67-30555
- WILHELM, K.**
Preliminary report on measurements with balloon-borne detectors in Northern Scandinavia during the solar proton event of July 7, 1966. 05 p0882 A67-16740
Geomagnetic micropulsations and electron bremsstrahlung in the northern auroral zone. 13 p2108 A67-26321
Recording and analysis of geomagnetic pulsations of the auroral zone and a comparison with bremsstrahlung measurements /Registrierung und Analyse erdmagnetischer Pulsationen der Polarlichtzone sowie ein Vergleich mit Bremsstrahlungsmessungen/. 15 p2474 A67-29524
Balloon measurements of solar protons in northern Scandinavia on July 7, 1966. 19 p3312 A67-35175
- WILHELM, W. E.**
A simple asymptotic formula for the motion of simultaneous electric field and conductivity domains in semiconductors. 04 p0677 A67-14936
- WILHEM, D. P.**
Investigation of cyclic crack growth transitional behavior. 24 p4170 A67-41950
- WILHOLD, G. A.**
Aerospace noise. 13 p2212 A67-27216
- WILK, M. B.**
Statistical analysis and modeling of the high-energy proton data from the Telstar 1 satellite. 24 p4210 A67-42334
- WILKE, K. H.**
On the significance of the far field portion of the plasma microfield. 19 p3285 A67-35344
- WILKE, R. O.**
Nutation divergence during atmosphere exit of a spin-stabilized probe. 08 p1406 A67-20511
- WILKENING, M. H.**
Seasonal behaviour of atmospheric pressure oscillations. 11 p1816 A67-24840
- WILKENS, M.**
Determination of the stacking fault energy of face centered cubic metals from an analysis of the electron-microscope diffraction contrast of stacking fault dipoles /Bestimmung der Stapelfehlerenergie kubisch-flaechenzentrierter Metalle aus der Analyse des elektronenmikroskopischen Beugungskontrastes von Stapelfehlerdipolen/. 07 p1208 A67-19637
- WILKER, L. B.**
A scientific lunar payload communications system. 02 p0196 A67-11999
- WILKERSON, J. C.**
An oceanographic aircraft. [AIAA PAPER 66-695] 09 p1441 A67-22498
- WILKERSON, R. E.**
Determination of antenna height for protection against microwave diffraction fading. 09 p1464 A67-22444
- WILKERSON, T. D.**
Atomic processes in plasmas. 11 p1839 A67-24551
- WILKINS, D. J., JR.**
Damping in sandwich beams with shear flexible cores. [ASME PAPER 67-VIBR-11] 11 p1872 A67-24171

- WILKINS, D. R.**
Theory of thermionic converter
extinguished-mode operation with
applications to converter
diagnostics. 17 p2803 A67-32365
- WILKINS, F. W.**
Avionics for the light observation
helicopter. [AHS PAPER 105] 16 p2680 A67-31822
- WILKINS, L. H.**
E-W motion of aurorae as observed at
Moscow, Idaho. 10 p1651 A67-23344
- WILKINSON, D. T.**
Isotropy and homogeneity of the universe
from measurements of the cosmic microwave
background. 11 p1864 A67-24564
The primeval fireball. 15 p2562 A67-30085
Large scale density inhomogeneities in the
universe. 20 p3525 A67-36868
Measurement of cosmic background
radiation at 3.2-cm
wavelength. 23 p4063 A67-40922
- WILKINSON, J. H.**
The solution of ill-conditioned linear
equations. 09 p1468 A67-22045
- WILKINSON, J. P. D.**
Natural frequencies of closed spherical
sandwich shells. 03 p0522 A67-13212
- WILKINSON, R. L.**
Saturn V ground-support
instrumentation. 01 p0051 A67-11117
- WILKINSON, W. K.**
Hydrogen relliquefaction in earth
orbit. 13 p2091 A67-27636
- WILL, T. A.**
Electron and phonon effects in
superconducting FCC lead-based
alloys. 13 p2175 A67-26426
- WILLAND, J. H.**
A simplified technique for determining
scan mode and perinadir nadir angles, for
Tiros infrared data. 13 p2117 A67-27612
- WILLARD, P. E.**
Properties and applications of continuous
ceramic fibers. 08 p1345 A67-20426
- WILLARD, T. L.**
Evaluation and selection of materials for
compatibility with manned spacecraft
environment. 15 p2507 A67-29551
- WILLARDSON, R. K.**
Distribution coefficients in gallium
arsenide. 10 p1693 A67-23515
- WILLEMS, J. C.**
Perturbation theory for the analysis of
instability in nonlinear feedback
systems. 08 p1310 A67-20339
- WILLEMS, J. L.**
On a generalization of the circle
criterion. 08 p1310 A67-20338
- WILLEMS, N.**
Critical speeds of rotating shaft subjected
to axial loading and tangential torsion.
[ASME PAPER 66-WA/MD-1] 04 p0629 A67-15348
- WILENS, R. H.**
Superconductivity of the transition-metal
carbides. 19 p3303 A67-35040
- WILLES, R. E.**
An application of matched asymptotic
expansions to hypervelocity flight
mechanics. 19 p3336 A67-35994
- WILLETT, C. S.**
Laser oscillation on hyperfine transitions
in ionized iodine. 10 p1662 A67-22699
- WILLETT, D.**
On a nonlinear boundary value problem
with a small parameter multiplying the
highest derivative. 05 p0835 A67-16737
- WILLETT, D. W.**
The boundedness of solutions of the
second order differential
equation. 03 p0460 A67-13822
- WILLETT, J. E.**
Multi-fluid effects in a hydromagnetic
waveguide. 12 p1969 A67-25247
High-frequency conductivity of a partially
ionized plasma in the long-wavelength
limit. 23 p4031 A67-40888
- WILEY, L. A.**
Constitution of alloys. 14 p2334 A67-27802
Phase diagrams. 14 p2335 A67-27810
- WILLIAMS, A.**
Heat transfer through metal to metal
joints. 04 p0735 A67-15854
- WILLIAMS, A. H.**
Image converter observations of the
development of the dense plasma focus
discharge. 03 p0486 A67-14055
Machining damage studies in
beryllium. 13 p2123 A67-27133
- WILLIAMS, C.**
Solution of Birkhoff's equations of the
regularized restricted
problem. 08 p1396 A67-21182
- WILLIAMS, C. K.**
Quasi-CW, high numerical aperture,
inductively excited ion
laser. 20 p3458 A67-36387
- WILLIAMS, C. S.**
Preliminary evaluation of a nonvacuum
welder for aerospace
applications. 04 p0628 A67-15312
- WILLIAMS, D.**
Self-broadening effects in the infrared
bands of gases. 10 p1678 A67-22715
Further studies of overlapping absorption
bands. 19 p3266 A67-35696
Power supply without hook-up cables for
manned lunar vehicle. 21 p3571 A67-38337
21.2 cm observations of the planets Venus,
Mars, Jupiter and Saturn. 21 p3709 A67-38993
- WILLIAMS, D. A.**
Wavelength dependence of interstellar
polarization by graphite
grains. 01 p0150 A67-10890
Interstellar molecule
formation. 02 p0323 A67-11689
An observational distinction between
interstellar grain models. 06 p1082 A67-17978
Photodestruction of hydrogen molecules in
H I regions. 19 p3331 A67-36085
Dipole properties of molecular
nitrogen. 24 p4190 A67-42096
- WILLIAMS, D. D.**
Synchronous satellite communication
systems. 12 p1907 A67-25991
- WILLIAMS, D. J.**
Simultaneous trapped electron and
magnetic tail field
observations. 03 p0410 A67-12951
On the low-altitude trapped electron
boundary collapse during magnetic
storms. 11 p1785 A67-23943
Structure and decay of the Starfish
radiation belt, October 1963 to December
1965. 17 p2936 A67-32534
The February 5, 1965, solar proton event.
I. 22 p3872 A67-39812
The February 5, 1965, solar proton event.
II. 22 p3873 A67-39813
- WILLIAMS, D. L.**
The laser as a drilling
tool. 09 p1504 A67-22142
- WILLIAMS, D. P.**
The effect of vacuum on various
mechanical properties of
magnesium. 15 p2503 A67-29561
- WILLIAMS, E. M.**
The motion of neon positive ions in
neon. 19 p3271 A67-35074
Fast-randomization phenomena in an
unstable plasma-sac
configuration. 22 p3844 A67-39357
- WILLIAMS, E. W.**
Physiological effects of an 18-hour flight
in F-4C aircraft. 03 p0364 A67-14287
The observation of defects in GaAs using
photoluminescence at 20 deg
K. 11 p1848 A67-24742
- WILLIAMS, F. A.**
Pressure dependence of nonmetalized
hybrid fuel regression
rates. 10 p1697 A67-23133
The response of a turbulent liquid jet to
transverse acoustic fields. 16 p2658 A67-30945
Liquid jet oscillation in transverse
acoustic fields. [AIAA PAPER 67-473] 18 p3026 A67-33943
- WILLIAMS, F. B.**
Identification of Saturn V launch vehicle
support systems requirements and
establishment of baseline logic for vehicle
prelaunch processing simulation and systems
optimization. [AIAA PAPER 67-248] 07 p1165 A67-20066
Saturn V launch vehicle systems analysis
application. [AIAA PAPER 67-248] 21 p3607 A67-37806
- WILLIAMS, F. E.**
Electronic transport in graded-band-gap
semiconductors. 22 p3864 A67-40381
- WILLIAMS, F. V.**
Structural defects in epitaxial gallium
arsenide. 10 p1692 A67-23514
Structural defects in epitaxial GaAs sub 1
sub -x P sub x. 14 p2366 A67-28421
- WILLIAMS, G.**
Differentiating unit orthogonal vectors in
a Riemannian space that admits and N-tuply
orthogonal system of
hypersurfaces. 10 p1675 A67-23792
- WILLIAMS, G. C.**
Mixedness in the well-stirred
reactor. 18 p3154 A67-33833
- WILLIAMS, G. P.**
Thermal convection in a rotating fluid
annulus. I. 12 p1963 A67-25339
Thermal convection in a rotating fluid
annulus. II. 12 p1963 A67-25340
- WILLIAMS, G. T.**
Frame noise - Sound emission from spark-
ignited bubbles of combustible
gas. 01 p0168 A67-11290
- WILLIAMS, H. E.**
Axisymmetric thermal stresses in
sandwich shells of revolution.
[AIAA PAPER 66-528] 12 p2030 A67-25917
- WILLIAMS, H. P.**
Design studies for reliable long-range
ground-to-air
communication. 23 p3972 A67-40742
- WILLIAMS, I.**
Magnetic investigations of the
superconducting behaviour of sintered
compacts of niobium and
copper-niobium. 12 p1978 A67-25139
- WILLIAMS, I. J.**
Stability analysis of multiloop, multirate
sampled systems. 04 p0591 A67-14825
- WILLIAMS, I. P.**
Temperature of a moving
body. 10 p1680 A67-23497
- WILLIAMS, J.**
Recognition of lunar
craters. 15 p2431 A67-29894
Aerodynamic interference effects with jet-
lift V/STOL aircraft under static and
forward-speed conditions. 20 p3357 A67-36952
- WILLIAMS, J. C.**
The preparation of thin foils of titanium
alloys. 10 p1668 A67-23175
A comparison of phase transformations in
three commercial titanium
alloys. 22 p3822 A67-40055
- WILLIAMS, J. C., III**
Diabatic internal source
flow. 22 p3784 A67-39781
- WILLIAMS, J. D.**
Initial cardiovascular response to low
frequency whole body vibration in humans
and animals. 15 p2428 A67-29272
- WILLIAMS, J. E. C.**
Direct evidence of persistent current
loops in hard superconducting
wire. 07 p1232 A67-19554
- WILLIAMS, J. E. D.**
The role of private enterprise in British
air transportation. 17 p2974 A67-32124
- WILLIAMS, J. E. F.**
The influence of simple supports on the
radiation from turbulent flow near a plane
compliant surface. 05 p0748 A67-16813
- WILLIAMS, J. F.**
Cross sections for double electron capture
by 2-50-Kev protons incident upon hydrogen
and the inert gases. 01 p0115 A67-10140
- WILLIAMS, J. M.**
Design of the real-time executive for the
Univac 418 system. 02 p0206 A67-11806
- WILLIAMS, J. R.**
Ammonia combustion properties and
performance in gas-turbine
burners. 18 p3109 A67-33843
- WILLIAMS, J. W.**
Surveyor spacecraft power
conversion. 17 p2803 A67-32510
Surveyor TV power
conditioning. 22 p3807 A67-40374
- WILLIAMS, L. J.**
The effects of propulsion system-airframe
interactions on the performance of
hypersonic aircraft. [AIAA PAPER 67-493] 18 p2985 A67-33957
- WILLIAMS, L. R.**
Shubnikov-de Haas investigations of the Bi
sub 1 sub -x Sb sub x /0 less than x less
than 0.3/ system. 06 p1070 A67-18983
- WILLIAMS, M. J.**
Hole size effect on hemisphere pressure
distributions. 13 p2220 A67-27193
- WILLIAMS, M. L.**
The association between crack-opening
displacement and fracture
toughness. 10 p1718 A67-23172
The mechanical and optical
characterization of a Solthane 113
composition. 11 p1811 A67-24615
Elasto-plastic stresses and strains in
cracked plates. 16 p2769 A67-31287
Initiation and growth of viscoelastic
fracture. 16 p2773 A67-31311

- WILLIAMS, O. W.
Surveying the earth by satellite. 05 p0797 A67-16776
- WILLIAMS, P. J.
Dominating the northeast corridor. [AIAA PAPER 66-942] 03 p0361 A67-14021
- WILLIAMS, P. J. S.
A survey of radio sources and background radiation at sub 3.8 Mc/s. 01 p0151 A67-10966
- WILLIAMS, P. R.
An evaluation of an integrated V/STOL display concept. 17 p2861 A67-33182
- WILLIAMS, R.
A compatible double sideband/single sideband/constant bandwidth FM telemetry system for wideband data. 02 p0197 A67-12010
- WILLIAMS, R. C.
Green's function for coupled optical modes. 24 p4168 A67-42594
- WILLIAMS, R. D.
Design and performance of the Ranger Block III unmanned lunar spacecraft television system. 16 p2620 A67-30643
- WILLIAMS, R. F.
Analysis of flat plates under general loading by an iterative matrix technique. 13 p2217 A67-26704
- WILLIAMS, R. V.
Fibre-reinforced metals by electroforming. 06 p1047 A67-17713
- WILLIAMS, S. A.
Spin-matrix polynomial development of the Hamiltonian for a free particle of arbitrary spin and mass. 11 p1824 A67-25074
- WILLIAMS, T.
Zero-transient switching of a subharmonic parametric oscillator. 20 p3395 A67-36314
- WILLIAMS, T. G.
RF design of communication-satellite earth stations. I. 14 p2273 A67-28798
RF design of communication-satellite earth stations. II. 16 p2635 A67-30473
RF design of communication-satellite earth stations. III. 18 p3003 A67-34349
- WILLIAMS, T. L.
Dynamic control of high-performance two-phase servomotors. 16 p2609 A67-31664
- WILLIAMS, W. E.
An evaluation of four methods of monitoring simultaneous primary and secondary voice messages. 15 p2431 A67-29895
- WILLIAMS, W. J.
A balloon-borne grating spectrometer. 07 p1184 A67-19389
- WILLIAMS, W. O.
On the Clausius-Duhem inequality. 01 p0167 A67-10798
An axiomatic foundation for continuum thermodynamics. 22 p3918 A67-39741
- WILLIAMS, W. S.
The effects of propellant leakage on the heat transfer to a cryogenic propellant tank utilizing high-performance multilayer insulations. 13 p2186 A67-27654
Field-ion microscopy of titanium carbide. 21 p3645 A67-38093
- WILLIAMS, W. T.
Skin response of the rat to 13 Mev proton irradiation. II. 23 p3958 A67-41645
- WILLIAMSON, D. H.
Data acquisition techniques and systems accuracies pertaining to the static testing of solid propellant rocket motors. 01 p0051 A67-11109
- WILLIAMSON, I. M.
Environmental simulation. 22 p3781 A67-40343
- WILLIAMSON, J. H.
A high resolution probe for measuring the electrical conductivity of a shock heated plasma. 10 p1684 A67-22963
- WILLIAMSON, J. M.
Electrons in the Van Allen zone measured with a scintillator on Explorer 14. 04 p0614 A67-14950
- WILLIAMSON, N. W.
A grid analogy for the non-linear behaviour of elastic flat plates. 14 p2403 A67-29015
- WILLIAMSON, R.
Giant pulse laser action at 77 deg K. 01 p0089 A67-10448
- WILLIAMSON, S. J.
Destruction of superconducting metastable states by beta-irradiation. 17 p2912 A67-32270
- WILLIARD, J. W.
Design and performance of the JPL free-piston shock tube. 21 p3606 A67-37773
- WILLIARD, M. W.
Refinements on analysis of PCM synchronization. 02 p0197 A67-12020
- WILLING, H. A.
Acoustic propagation for microwave delay lines. 04 p0580 A67-14607
- WILLIS, C. R.
Quantum theory of a gas laser. 14 p2332 A67-28716
- WILLIS, D. M.
Resonant interactions between energetic trapped particles and a transverse electromagnetic wave. 17 p2939 A67-33210
- WILLIS, D. R.
Kinetic theory of a spherical electrostatic probe in a stationary plasma. 05 p0857 A67-17423
Sphere drag at high Knudsen number and low Mach number. 08 p1322 A67-21140
A note on rotational energy diffusion in shock waves. 13 p2104 A67-26980
Non-equilibrium effects in spherical expansions of polyatomic gases and gas mixtures. 13 p2104 A67-26983
Nearly free molecule flow through a circular orifice at high pressure ratios. 14 p2300 A67-28179
Heat transfer between parallel plates including radiation and rarefaction effects. 20 p3553 A67-36935
- WILLIS, G. E.
The free-convection temperature profile. 13 p2151 A67-26737
Investigation of turbulent thermal convection between horizontal plates. 17 p2968 A67-32281
- WILLIS, H. R.
Human error/questions/Factors and fallibility. 07 p1137 A67-20229
- WILLIS, J. R.
A comparison of the fracture criteria of Griffith and Barenblatt. 15 p2504 A67-30093
Crack propagation in viscoelastic media. 20 p3536 A67-36415
- WILLIS, J. S.
Resistance in the mixed state of type-II superconductors. 09 p1556 A67-22135
- WILLIS, P.
The ionization potentials of clustered sodium atoms. 21 p3660 A67-39109
- WILLIS, S. E., JR.
Thermal design of current navigational satellites. 09 p1572 A67-22062
- WILLIS, W. L.
Disturbance of capacitive liquid level gauges by nuclear radiation. 13 p2122 A67-27684
- WILLKE, H. L., JR.
Stability in time-symmetric flows. 18 p3079 A67-34004
- WILLMARTH, W. W.
Aerodynamics of oscillating disks and a right-circular cylinder. 06 p1101 A67-18136
- WILLMERT, K. D.
Optimum design of curve-generating linkages with inequality constraints. [ASME PAPER 66-MECH-20] 08 p1336 A67-21317
- WILLMORE, A. P.
On-board data processing in spacecraft as an aid to optimising the design of experiments. 12 p1909 A67-25780
The topside F-region and magnetosphere. 14 p2312 A67-28411
D-region measurements during a solar eclipse. 19 p3222 A67-35454
The performance of open structure photomultipliers in the 1100-angstrom units to 250-angstrom units wavelength region. 19 p3231 A67-35683
A proportional counter spectrometer for the study of the solar soft X-ray spectrum. 20 p3448 A67-36960
- WILLOUGHBY, A. F. W.
Etch-pit studies of dislocations in indium antimonide. 03 p0498 A67-13870
- WILLOUGHBY, D. A.
Analysis and calibration of tubular flowmeters. 13 p2120 A67-26932
- WILLOUGHBY, J. K.
Low-speed aerodynamic stability of winged and wingless re-entry configurations. 14 p2239 A67-27796
- WILLOUGHBY, P. G.
A study of particle growth in a rocket nozzle. [AIAA PAPER 66-639] 15 p2548 A67-30200
- WILLS, B. L.
A computer-operated following ellipsometer. 23 p4001 A67-41260
- WILLS, D.
A survey of radio sources in the declination ranges -07 deg to 20 deg and 40 deg to 80 deg. 15 p2551 A67-29095
- WILLS, G. N.
Solid state diffusion of antimony in germanium, from the vapour phase, in a vacuum furnace. 05 p0869 A67-17089
- WILLS, M. S.
Pulsed laser emission from helium at 95 mu m. 15 p2497 A67-29395
- WILMANSKI, K.
Mechanics of Cosserat-type continuous media /Mechanika osrodkow ciaglych typu cosseratow/. 12 p1968 A67-26200
- WILMARTH, R. W.
The requirements placed on electron tubes for space applications. 15 p2447 A67-29752
- WILMOT, G. B.
Vaporization of some amine-type perchlorates. 16 p2619 A67-31536
- WILMOTTE, R. M.
Deep-space optical communications. 06 p0957 A67-17635
- WILMS, E. V.
Temperature induced in a medium due to a suddenly applied pressure inside a spherical cavity. 05 p0910 A67-16148
- WILMS, G. R.
Influence of atmospheric nitrogen on the creep properties of chromium-tantalum alloys. 06 p1018 A67-18369
Influence of a ceramic environment on the creep properties of chromium alloys. 08 p1341 A67-20766
- WILMSHURST, T. H.
Some characteristics of the ammonia maser amplifier. 20 p3458 A67-36431
- WILNER, B.
On a spectroscopic method for measuring the electron temperature of a plasma. 07 p1230 A67-20106
- WILSEY, J. D.
Launch operations optimization through analysis. 20 p3532 A67-36557
- WILSEY, N. D.
Optical absorption in a Kronig-Penney semiconductor. 17 p2914 A67-32386
- WILSON, A. G.
The use of the 48-inch Schmidt telescope for selenodetic observations. 18 p3049 A67-34315
Distributions of redshifts of radio sources and rich clusters. 22 p3892 A67-40500
- WILSON, A. R.
Film thicknesses in elastohydrodynamic lubrication by silicone fluids. 09 p1506 A67-22193
- WILSON, B. A.
Interaction of multiple rows of vortices. 14 p2294 A67-27795
- WILSON, B. G.
Preliminary results on fast neutron intensity above Fort Churchill, Canada. 12 p1998 A67-25828
- WILSON, B. L. H.
The preparation and properties of epitaxial gallium arsenide. 10 p1692 A67-23510
- WILSON, C. R.
Infrasonic waves and auroral activity. 17 p2841 A67-32209
Infrasonic pressure waves from the aurora - A shock wave model. 24 p4147 A67-41882
- WILSON, D.
Langmuir probe and microwave technique for ionized flows. 11 p1790 A67-24451
Visual simulation - Where we are - Where we are going. 13 p2091 A67-27267
- WILSON, D. E.
Accelerated testing of the mechanical and thermal integrity of polymeric materials. 10 p1672 A67-23743
- WILSON, D. H.
Hydromagnetic free jet. 08 p1361 A67-21143
- WILSON, D. K.
Surface effects of radiation on semiconductor devices. 06 p1054 A67-18822
Permanent radiation damage effects in narrow-base PNP devices. 24 p4130 A67-42248
- WILSON, D. R.
Physical, chemical, and mechanical characteristics of a polyphenyl ether. 14 p2341 A67-28953
- WILSON, D. S.
Microwave resonant cavity measurement of shock produced electron precursors. [AIAA PAPER 66-175] 05 p0856 A67-17342
The effect of geometry variations on hydrodynamic bearing performance. 08 p1336 A67-21041
The use of the 48-inch Schmidt telescope for selenodetic

- observations. 18 p3049 A67-34315
WILSON, F. M.
 Capability development of adhesive-bonded studs. 09 p1507 A67-22502
WILSON, G. E.
 High pressure blowdown systems - A design guide. [AIAA PAPER 67-443] 18 p3137 A67-33920
WILSON, G. L.
 Excitation and detection of magnetoacoustic waves in a rotating plasma accelerator. 19 p3298 A67-35746
WILSON, H. B., JR.
 A new approach for evaluating the performance and base environment characteristics of nonconventional rocket propulsion systems. [AIAA PAPER 67-256] 07 p1241 A67-20072
 Results from short-duration altitude-chamber techniques for simulating rocket base heating problems. [AIAA PAPER 66-760] 13 p2090 A67-26843
 Axial loading of a unidirectional composite. 20 p3474 A67-37268
WILSON, H. K.
 On the boundary layer near a porous wall. 18 p3027 A67-34009
WILSON, J.
 Ionization rate of air behind high-speed shock waves. 03 p0405 A67-14028
 The electrical conductivity of the moon's interior. 08 p1389 A67-21019
WILSON, J. G.
 Current problems in cosmic ray physics. 09 p1562 A67-22530
WILSON, J. H.
 Low temperature synthesis. 08 p1290 A67-21187
 Mass-spectrometric studies of the synthesis, energetics, and cryogenic stability of the lower boron hydrides. 10 p1603 A67-23385
WILSON, J. N.
 Design and development of a fluid state trigger element and bidirectional counter. 01 p0014 A67-11032
 Mechanical design evolution of the Mariner spacecrafts. 01 p0156 A67-11440
 Design and development of a fluid state trigger element and bidirectional counter. 16 p2609 A67-31663
WILSON, J. W. G.
 A new technique for measuring electron temperature and measurements of electron temperature in the lower ionosphere at sunset. 19 p3229 A67-35246
WILSON, K. H.
 Convective and radiative heat transfer during superorbital entry. [AIAA PAPER 66-106] 05 p0928 A67-17336
 Measurements of the total radiant intensity of air. [AIAA PAPER 67-311] 12 p2036 A67-26026
WILSON, L. N.
 Far-wake behavior of hypersonic blunted cones. [AIAA PAPER 67-31] 06 p0938 A67-18261
 Electron recombination in hydrocarbon-oxygen reactions behind shock waves. 09 p1457 A67-22023
 Transition sticking in the wake of a slender hypersonic cone. 12 p1893 A67-25927
 Far wake behavior of hypersonic spheres. 15 p2417 A67-30190
 Far-wake behavior of hypersonic blunted cones. [AIAA PAPER 67-31] 17 p2793 A67-33006
 Inflections in bow shock shape at hypersonic speeds. 17 p2793 A67-33044
WILSON, M. A.
 Exponential smoothing for prediction of reliability growth. 05 p0811 A67-16828
 Maintainability in space - A survey. 05 p0902 A67-17247
 Maintainability in space - A survey. 16 p2741 A67-30445
 Effects of maintenance and support factors on availability of systems. 18 p3163 A67-34695
WILSON, O. C.
 Age-helium content correlations for two low-mass field binary systems. 11 p1858 A67-23996
WILSON, O. W.
 Gallium arsenide epitaxial technology. 10 p1692 A67-23511
WILSON, P. E.
 Pseudononlinear bending analysis of an orthotropic multicell shell structure. 04 p0709 A67-14812
WILSON, P. G.
 Recombination in silicon p-pi-n diodes. 06 p0971 A67-18226
WILSON, P. R.
 The interpretation of limb intensity profiles. 02 p0323 A67-11693
 On the height of formation of H-alpha in the solar chromosphere. [AFCRL-66-834] 02 p0323 A67-11694
 Experimental study of avalanche breakdown in silicon planar p-n junctions. 22 p3766 A67-39256
WILSON, R.
 Solar studies in the extreme ultraviolet using stabilized Skylark rockets. 12 p2008 A67-25826
 The ultraviolet emission spectrum of the solar chromosphere and corona. 16 p2752 A67-31625
 The solar corona. 19 p3318 A67-35055
WILSON, R. A.
 Captured air bubble vehicle stability tests. [AIAA PAPER 67-349] 14 p2246 A67-28731
WILSON, R. B.
 The Mundrabilla meteorite - A new discovery in Western Australia. 07 p1247 A67-19058
WILSON, R. C.
 Space photography for forestry. 14 p2321 A67-28827
WILSON, R. F.
 Snapshot - The first space test of a reactor power unit. 16 p2701 A67-30638
WILSON, R. G.
 Electron and ion emission from polycrystalline surfaces of Nb, Mo, Ta, W, Re, Os, and Ir in cesium vapor. 02 p0269 A67-11878
 Electron and ion emission from iridium in lithium vapor. 04 p0680 A67-15108
 Phase comparison position-determining systems. 10 p1805 A67-22996
 High-temperature spectral emittance of ablation chars and carbon from 0.4 to 2.4 micrometers. [AIAA PAPER 67-326] 12 p2037 A67-26040
 Vacuum thermionic work functions and thermal stability of TaB sub 2, ZrC, Mo sub 2 C, MoSi sub 2, TaSi sub 2, and WSi sub 2. 15 p2535 A67-29486
 Mass analysis of ion beams from a low-voltage spark ion source for ion-implantation doping of semiconductors. 15 p2536 A67-29496
 Generation and uses of ion beams. 15 p2488 A67-29756
 Electron and ion emission from a copper surface in the presence of oxygen, cesium, and oxygen plus cesium. 17 p2887 A67-32203
WILSON, R. H.
 Electrical conduction in discontinuous metal films. 02 p0292 A67-11746
 Measurements of the thermal variation of the X-ray Debye temperature of pure nickel and chromium. 06 p1015 A67-17850
WILSON, R. L.
 Polarity inversions of the earth's magnetic field. 21 p3621 A67-38982
WILSON, R. W.
 Thin film passive elements for monolithic integrated circuits. 14 p2286 A67-28610
WILSON, S. W., JR.
 A survey of ballistic Mars-mission profiles. 07 p1248 A67-19358
 Trajectory simulation methods for preliminary interplanetary mission planning. 19 p3322 A67-35321
WILSON, T. A.
 Design of the bronchial tree. 09 p1454 A67-21986
WILSON, T. G.
 DC to DC converter controlled by a magnetically-coupled multivibrator with asymmetrical output. 02 p0183 A67-12117
WILSON, V. C.
 A comparison of niobium and nickel as thermionic converter collector materials. 09 p1447 A67-22331
WILSON, W. C.
 Lunar Orbiter camera. [SMPTE PAPER 101-47] 12 p1940 A67-25465
WILSON, W. J.
 Mercury - Observations of the 3.4-millimeter radio emission. 22 p3889 A67-40240
WILSON, W. L.
 Calibration of limed filter paper for measuring short-term hydrogen fluoride dosages - The effect of temperature, humidity, wind speed, and dose. 16 p2875 A67-31211
WILTS, C. H.
 Relaxation processes for ferromagnetic resonance in thin films. 13 p2179 A67-27142
 Temperature dependence of the ferromagnetic resonance linewidth in thin Ni-Fe films. 22 p3855 A67-39350
WILTSE, J. C.
 System considerations for millimeter wave satellite communications. 08 p1292 A67-20671
WILTZ, J. A.
 Manned spacecraft center's experience with vacuum-ignition phenomena in bipropellant reaction control engines. [AIAA PAPER 67-514] 18 p3114 A67-33977
WIMMEL, H. K.
 Low frequency loss-cone instabilities of plasma in Taylor minimum-B configurations. 12 p1969 A67-25199
WINCENTY, P.
 Piezoelectric microphone for measuring the intensity of ultrasonic pulses /Mikrofon piezoelektryczny do pomiaru natężenia impulsów ultradźwiękowych/. 18 p3046 A67-33745
WINCH, D. E.
 The eccentric dipole. 18 p3042 A67-34351
 The fourth order geomagnetic multipole - The sedicimupole. 24 p4146 A67-41784
WINCKLER, J. R.
 Resource letter CR-1 on cosmic rays. 07 p1242 A67-19622
 The spectra and intensity of electrons in the radiation belts. 12 p1997 A67-25807
 The measurement at balloon heights of the low energy hydrogen and helium isotopes in the cosmic radiation at solar minimum, 1965. 17 p2939 A67-33246
 A study of energetic solar flare X-rays. 23 p4060 A67-41232
WINDER, R. O.
 Partitions of n-space by hyperplanes. 01 p0106 A67-10733
WINDERMAN, J. B.
 Method of reducing side lobes of directive antennas. 03 p0389 A67-14349
WINDSOR, C. R.
 Copolymerization of the Leuchs anhydrides of the eighteen amino acids common to protein. 20 p3377 A67-37397
WINEBARGER, R. M.
 Viscous effects on hypersonic L/D of three classes of manned spacecraft. 22 p3742 A67-40113
WINEGARDNER, D. K.
 Dynamics of heterogeneous reaction at a stagnation point. 19 p3211 A67-35740
WINFIELD, D. H.
 On a singular control problem in optimal rocket guidance. [AIAA PAPER 67-582] 19 p3258 A67-35977
WINGET, C. M.
 Daily rhythm changes associated with variations in light intensity and color. 15 p2426 A67-29109
 Circadian oscillations of deep body temperature and heart rate in a primate /Cebus albifrons/. 23 p3951 A67-41554
WINGROVE, R. C.
 An analysis of minimum heat trajectories for entry at hyperbolic speeds. [AIAA PAPER 67-59] 06 p1095 A67-18268
 Flight dynamics of planetary entry. 06 p1410 A67-20623
 An analysis of minimum heat trajectories for entry at hyperbolic speeds. [AIAA PAPER 67-59] 19 p3331 A67-34815
 Trajectory optimization using fast-time repetitive computation. 19 p3190 A67-36072
WINHOLD, K.
 Investigation of wall jets in the case of stationary and nonstationary external flow with and without pressure increase /Untersuchung von Wandstrahlen bei ruhender und bewegter Aussenstromung ohne und mit Druckanstieg/. 20 p3420 A67-36277
WINICK, A. B.
 Air navigation trends. 19 p3256 A67-35864
 V/STOL all weather guidance system. [AIAA PAPER 67-796] 24 p4183 A67-42957
WINICUR, D. H.
 Measurement of excitation and ionization in an arc-heated supersonic argon beam. 18 p3082 A67-34028
WINIECKI, T.
 SPECS - A versatile space-qualified detector of charged particles. 20 p3443 A67-36517
WINKLER, G.
 Properties and applications of hexagonal ferrites /Eigenschaften und Anwendungen hexagonaler Ferrite/. 02 p0301 A67-12787

- WINKLER, R. H.**
Thermal properties of high-power transistors. 15 p2453 A67-30017
- WINN, C. B.**
Minimum-fuel transfers between coaxial orbits, both coplanar and noncoplanar. [AAS PAPER 66-119] 07 p1253 A67-19978
Minimum-fuel transfers between coaxial orbits, both coplanar and noncoplanar. [AAS PAPER 66-119] 13 p2209 A67-27533
- WINOCUR, J.**
Amplitude and frequency characteristics of a ring laser. 04 p0635 A67-15777
- WINOGRAD, Y. Y.**
Space-charge instabilities in charged-particle flow. 16 p2704 A67-31233
On ion-electron beams emitted by a plane. 22 p3843 A67-39262
- WINOGRADOFF, N. N.**
Surface aspects of the thermal degradation of GaAs p-n junction lasers and tunnel diodes. 04 p0585 A67-15620
Fermi controlled recombination as a junction design factor in GaAs laser diodes. 05 p0826 A67-17280
The radiative band pinch effect and temperature dependence of radiative recombination in GaAs. 20 p3460 A67-37106
- WINSOR, N. K.**
A two-temperature theory for a helium arc plasma in a cylindrical duct. 19 p3280 A67-35145
- WINSTANLEY, C. J.**
Measurement of the coefficient of thermal expansion of solids and its precise variation with temperature. 01 p0062 A67-10195
- WINSTEAD, J. A.**
Studies on the mechanism of substrate protection of enolase and lactic dehydrogenase against ionizing radiation. [SAM-TR-66-264] 24 p4111 A67-41841
- WINSTON, J. S.**
Zonal and meridional analysis of 5-day averaged outgoing long-wave radiation data from Tiros IV over the Pacific sector in relation to the Northern Hemisphere circulation. 17 p2879 A67-32548
- WINTLER, H. R.**
Gallium arsenide field effect transistors. 10 p1617 A67-23541
- WINTER, D. F.**
Note on the nonuniform cooling behavior of the eclipsed moon. 02 p0320 A67-11460
Field-aligned flow of a conducting fluid past a source of magnetism. 09 p1549 A67-22399
Transient radiative heat exchange at the surface of the moon. 11 p1865 A67-24604
Note on the thermal heterogeneity of the eclipsed moon. 18 p3135 A67-34546
- WINTER, E. R. F.**
Effects of longitudinal vibration on discharge of liquids from propellant tanks. 16 p2658 A67-30946
A similarity study of gravity and pressure driven discharge of liquids from propellant tanks. 22 p3785 A67-39969
- WINTER, J. M.**
Electron spin resonance of impurities in semiconductors. 06 p1061 A67-18922
Electric field effect on the spin-lattice relaxation of donor electrons in silicon. 06 p1068 A67-18971
- WINTER, K. G.**
Investigation of the turbulent boundary layer of a pinched-waist body of revolution in subsonic and supersonic flow /Untersuchungen der turbulenten Grenzschicht an einem taillierten Drehkoerper bei Unter- und Ueberschallstroemung/. 03 p0350 A67-12989
- WINTER, T. C., JR.**
The determination of the profile of the night sky hydrogen Lyman Alpha emission line. 22 p3790 A67-39805
- WINTERFELD, G.**
Flame stabilization with flame holders in supersonic flows /Flammenstabilisierung mit Flammenhaltern in Ueberschallstroemungen/. 18 p3116 A67-34609
- WINTERLING, G.**
The temperature dependence of stimulated Brillouin scattering in quartz. 24 p4204 A67-42365
- WINTERS, C. E.**
Mass transport and heat transfer in fuel cell systems. 20 p3363 A67-37014
- WINTERS, W. D.**
The neurophysiology of anesthesia. 15 p2429 A67-29294
- WINTHROP, A. S.**
Methods for determining the economic impact of value engineering changes. 23 p4085 A67-40585
- WINTREBERT, J.**
Participation of the computer company group in the final tests of the FR 1 and D 1 satellites /Participation de la compagnie des compteurs aux essais de controle final des satellites FR 1 et D 1/. 07 p1163 A67-19530
Automatic checkout systems for satellites. 22 p3778 A67-39192
- WINTROUB, H. J.**
Measurements of spatial coherence in 3.2-mm horizontal transmission. 09 p1461 A67-21599
- WIPF, S. L.**
Magnetic instabilities in type-II superconductors. 22 p3856 A67-39438
- WIPPERMANN, F.**
Numerical integrations of an equation for turbulent diffusion in the atmosphere /Numerische Integrationen einer Gleichung fuer die turbulente Diffusion in der Atmosphaere/. 13 p2152 A67-26863
- WIPPERMANN, F. K.**
On turbulent diffusion in an arbitrarily stratified atmosphere. [AFCLR-66-836] 02 p0262 A67-12081
- WIPPERMANN, H.-W.**
Differential method of solving the Stewartson-Crocco equations for compressible laminar boundary layers /Ein Differenzenverfahren zur Loesung der Stewartson-Crocco-Gleichungen fuer kompressible, laminare Grenzschichten/. 13 p2094 A67-26649
A difference method for the solution of the Stewartson-Crocco equations for compressible laminar boundary layers /Ein Differenzenverfahren zur Loesung der Stewartson-Crocco-Gleichungen fuer kompressible, laminare Grenzschichten/. 20 p3424 A67-37280
- WIRICK, M.**
A polarizer for the vacuum ultraviolet. 15 p2491 A67-30425
- WIRICK, M. P.**
The near ultraviolet optical constants of lanthanum fluoride. 03 p0470 A67-14400
- WIRTH, J. L.**
Anomalous photocurrent generation in transistor structures. 04 p0685 A67-15696
- WIRTH, W. D.**
Digitalisation of radar signals and their evaluation by a computer for automatic tracking of targets. 04 p0574 A67-15058
Application of sequential detection to the recognition of radar targets /Anwendung der Sequential-Entdeckung zur Erkennung von Radarzielen/. 10 p1607 A67-23570
- WIRTZ, M.**
Phenomena connected with the polarization of electromagnetic radiation /Phenomenes lies a la polarisation du rayonnement electromagnetique/. 04 p0658 A67-15626
Automatic tracking system /Le systeme de poursuite automatique/. 04 p0576 A67-15627
Radio method for measuring the attitude of a satellite /Methode radioelectrique pour mesurer l'attitude d'un satellite/. 21 p3583 A67-38637
- WISBEY, P. H.**
Nonlinear theory of electrical domains in the presence of trapping. 16 p2727 A67-30852
- WISE, D. U.**
Origin of the moon by fission. 24 p4230 A67-42323
- WISE, F. H.**
Report on automated human factors task data handling research. 18 p2994 A67-34343
- WISE, H.**
The quenching of premixed flames by volatile inhibitors. 02 p0342 A67-12031
Electrical conductivity of solid ammonium perchlorate. 20 p3377 A67-37134
- WISE, J. F.**
Integral covers for solar cells. 23 p3937 A67-41491
- WISEMAN, N. E.**
Some applications of computers in electronics design. 24 p4126 A67-42477
- WISER, H. L.**
Ion rocket engine propellant systems and high voltage electrical isolation studies. [AIAA PAPER 67-681] 21 p3692 A67-38712
- WISERMAN, D.**
Thermal control for the Apollo lunar surface experiments /ALSEP/. 02 p0184 A67-12357
- WISHART, D. M. G.**
Addenda to processes defined on a finite Markov chain. 09 p1524 A67-21600
- WISNER, G.**
Generation and amplification of a subnanosecond laser pulse. 17 p2869 A67-33063
- WISNIEWSKI, S.**
Influence, on the stability of a prismatic shaft, of its mass and of the point of setting of the rotating mass /Wplyw masy walu przyrnatycznego oraz miejsca zamocowania masy wrujacej na jego statecznosc/. 16 p2766 A67-31151
- WITALIS, E. A.**
Characteristics of linear MHD generators with one or few loads. 16 p2600 A67-30533
Hall effect influence on a highly conducting fluid. 17 p2908 A67-33109
- WITCOMB, R. J.**
Lunar Orbiter readout. [SMPT PAPER 101-45] 12 p1940 A67-25463
- WITBROE, G. L.**
Theoretical profiles for the solar auto-ionization lines of Al I. 02 p0323 A67-11699
An analysis of CH in the solar atmosphere. 11 p1861 A67-24495
- WITHERS, J. C.**
Continuous silicon carbide filaments. 03 p0454 A67-13422
The fabrication and mechanical properties of SiC filament-metal matrix composites. 03 p0445 A67-13439
High modulus filaments for metal matrix reinforcements. [ASTME PAPER WES-7-75] 10 p1668 A67-23010
- WITHERS, M. J.**
High resolution F. M. C. W. radar for emergency-vehicle guidance in fog. 09 p1528 A67-22630
- WITHERSPOON, J. T.**
Optimum power division for phase-modulated deep-space communications links. 16 p2625 A67-31258
- WITHERSPOON, J. W.**
An introduction to the JT9D engine. [AIAA PAPER 67-374] 15 p2548 A67-30346
- WITKOWSKI, R.**
Maximum speed of a helicopter and the possibilities of increasing it. II /Maksymalna predkosc smiglowca i mozlivosci jej podwyzszenia. II/. 22 p3744 A67-39540
Maximum speed of a helicopter and the possibility of increasing it. III /Maksymalna predkosc smiglowca i mozlivosci jej podwyzszenia. III/. 22 p3744 A67-39548
Maximum speed of a helicopter and the possibility of increasing it /Maksymalna predkosc smiglowca i mozlivosci jej podwyzszenia/. 23 p3933 A67-40639
- WITKOWSKI, S.**
Characteristics of a family of diagonal conducting wall MHD generators. 12 p1898 A67-25381
- WITMER, E. A.**
Experimental and theoretical studies of explosive-induced large dynamic and permanent deformations of simple structures. 07 p1262 A67-19411
Analysis of elastic stability of shells of revolution by the finite element method. 10 p1725 A67-23715
- WITSOE, D. A.**
Development and evaluation of an impedance cardiac output system. 05 p0755 A67-16276
- WITT, F.**
Quantitative, in situ, X-ray diffractometer investigations of evaporated metal films. 02 p0287 A67-11715
- WITT, H. R.**
Propagation constants of a waveguide containing parallel sheets of finite conductivity. 13 p2083 A67-27443
Radar cross-section of a finite rectangular cylinder. 19 p3183 A67-35511
- WITT, J.**
Validity of one-dimensional models for the constricted anomalous H sub 2 glow discharge /Zur Gueltigkeit eindimensionaler Modelle fuer die kontrahierte anomale H sub 2 Glummentladung/. 19 p3274 A67-35104
- WITT, W.**
Field effect transistors based on silicon screened CdS layers. 01 p0037 A67-1047
MOS transistors with anodically formed metal oxides as gate insulators. 15 p2442 A67-2917
- WITTE, H.-H.**
Diffraction of scalar high-frequency waves.

- on a circular diaphragm /Beugung skalarer
Hochfrequenter Wellen an einer
Kreislende/. 22 p3912 A67-39783
- WITTE, R. S.
Pulse regenerative amplification in the
argon-ion laser. 23 p4014 A67-41030
- WITTEBORN, F. C.
Experimental comparison of the
gravitational force on freely falling electrons
and metallic electrons. 24 p4189 A67-42740
- WITTEL, W. T.
The relationship between aircraft design
and flight-measured loads.
[AIAA PAPER 66-881] 02 p0339 A67-12263
Relationship between aircraft design and
flight-measured loads. 21 p3568 A67-38537
- WITTEMAN, W. J.
Rate determining processes for the
production of radiation in high power
molecular lasers. 05 p0816 A67-16631
A sealed-off Michelson type CO sub 2
laser for diagnostic studies of gaseous
plasmas. 18 p3060 A67-34014
Sealed-off high-power CO sub 2
lasers. 24 p4166 A67-41799
- WITTIG, J.
Superconductivity of metallic aluminum
antimonide. 07 p1238 A67-20279
- WITTKE, J. P.
CaF sub 2 -Dy super 2 super plus
lasers. 13 p2127 A67-27086
- WITTMANN, T. J.
An analytical model to duplicate human
dynamic force response to
impact. 04 p0564 A67-15401
- WITTRY, D. B.
Surface recombination velocities and
diffusion lengths in GaAs. 06 p1063 A67-18936
Spatial distribution of excess carriers in
electron-beam excited
semiconductors. 15 p2442 A67-29180
- WITZGALL, C.
Stable evaluation of
polynomials. 14 p2342 A67-28003
- WIZGALL, H.
Flux-hole motion and the peak effect in
superconductivity. 20 p3505 A67-36209
- WIZON, I.
Continuous filament ceramic fibers via the
viscose process. 21 p3649 A67-37885
- WLERICK, G.
Do radio stars exist/ques/ /Exist-il des
radioetoiles/ques/. 14 p2391 A67-28945
- WLODARCZYK, E.
The problem of resonance for longitudinal
elasticplastic waves in a finite
bar. 18 p3140 A67-33465
Resonance phenomena in unbounded
systems /O zjawiskach rezonansowych w
ukladach
nieograniczonych/. 23 p4079 A67-41416
- WNUK, M.
Energy dissipation in an elastoplastic
medium due to the onset of an
axisymmetric crack /Dysypacja energii w
osrodku sprzyzto-plastycznym wywolana
wystepowaniem szczeliny oslowo-
symetrycznej/. 10 p1716 A67-22939
- WOBSCHALL, D. C.
Ion cyclotron resonance line broadening at
high E/P. 22 p3840 A67-39365
- WOCKE, H.
Considerations in the development of a
jet-powered executive aircraft
/Ueberlegungen zur Entwicklung eines
Geschaeftsflugzeugs mit
Strahltriebwerken/. 03 p0357 A67-12970
- WOEHL, W. E.
Comparison of image degradation in
photographic and image orthicon
systems. 20 p3446 A67-36606
- WOEHRLE, H. R.
A thermal stabilization of
austenite. 06 p1014 A67-17801
- WOELFING, C.
Influence of the order-disorder state and
film thickness on the structure and
electrical conductivity of evaporated nickel,
titanium, and silver films /Der Einfluss von
Ordnungszustand und Schichtdicke auf die
Struktur und die elektrische Leitfaehigkeit
aufgedampfter Metallfilme - Nickel, Titan,
Silber/. 02 p0292 A67-11745
- WOELLER, F.
Alpha-aminonitriles formed by an electric
discharge through a mixture of anhydrous
methane and ammonia. 20 p3369 A67-36764
- WOESSNER, H.
Vacuum technology and space simulation
/Vakuumentchnik und
weltraumsimulation/. 01 p0048 A67-10302
- WOESSNER, W. J., JR.
RF devices and application
techniques. 14 p2287 A67-28680
- WOESTEMEYER, F. B.
Guidance requirements for an unmanned
landing on Mars. 21 p3655 A67-37783
- WOHL, J. G.
Adapting space vehicle checkout
procedures and philosophy to near-future
transport aircraft.
[SAE PAPER 670337] 17 p2835 A67-32987
- WOHLLEBEN, K.
Enhancement of superconducting critical
current density in Nb sub 3 Sn diffusion
layers produced by irradiation with
protons. 06 p1048 A67-17817
- WOHRER, L. C.
Single crystal fiber
reinforcements. 03 p0453 A67-13411
Whisker-reinforced
plastics. 05 p0832 A67-16167
- WOJACZEK, K.
Ionization-caused column contraction. I
/Ionisationsbedingte Saeulenkontraktion.
I/. 18 p3089 A67-34298
Production of increasing or decreasing
moving striations /Die Erzeugung
anwachsender oder abklingender laufender
Schichten/. 19 p3273 A67-35096
- WOJCIK, I.
Gallium antimonide - Properties and
perspective applications /Antymonek galu -
Wlasciwosci i perspektywy
zastosowan/. 15 p2536 A67-29700
- WOJNAR, A.
Discrete errors with continuous message
transmission. 21 p3584 A67-38653
- WOJTCZAK, L.
Comment to diagonalization problem for
thin films. 11 p1845 A67-23992
- WOJTONVICZ, W. J.
Lubrication review - A digest of the
literature for 1965.
[ASME PAPER 66-WA/LUB-8] 04 p0629 A67-15349
- WOLANSKI, Z. R.
Lubrication with electrodeposited films of
silver-rhenium and
gold-molybdenum. 19 p3233 A67-34789
- WOLBARSH, M. L.
A diffusely transmitting, integrating
sphere for measuring laser output with a
phototransistor. 01 p0089 A67-10445
Decrement in visual acuity from laser
lesions in the fovea. 05 p0756 A67-16287
- WOLD, A.
An improved technique for the
electrolytic growth of molybdenum /IV/
oxide. 15 p2533 A67-29295
- WOLF, B.
Investigation of the transformation of
Gaussian light beams and of the excitation
of transverse natural oscillations in a
scanning interferometer /Untersuchungen
zur Transformation Gausscher Lichtbueudel
und zur Anregung von transversalen
Eigenschwingungen in einem Abtast-
Interferometer/. 09 p1492 A67-21563
- WOLF, E.
Some recent research on coherence and
fluctuations of light. 06 p1008 A67-17569
- WOLF, E. D.
Electron and ion emission from iridium in
lithium vapor. 04 p0660 A67-15108
- WOLF, E. L.
Annealing of fast neutron damage in
impurity-conducting n-type
germanium. 06 p1050 A67-18146
Annealing of neutron-irradiation-induced
changes in impurity conduction in antimony-
doped germanium. 06 p1068 A67-18969
- WOLF, F.
Status of basic shock-layer radiation
information for inner-planet atmospheric
entry. 21 p3563 A67-37788
- WOLF, H.
Theoretical investigation of the flow
through compressor guide vanes with
separation at the top of the vane profiles
/Theoretische Untersuchungen ueber die
Stroemung durch Verdichtergitter mit
Abloesung auf der Saugseite der
Schaufelprofile/. 05 p0750 A67-17323
A new aspect of large-scale integration
/Nouvel aspect de l'integration a une large
echelle/. 13 p2077 A67-26658
- WOLF, J. K.
Modeling of delta modulation with FSK
over a Tropopath. 02 p0203 A67-12132
- WOLF, L. M.
Survey of reaction control systems for
synchronous satellites. 17 p2953 A67-31972
- WOLF, L., JR.
Application of mechanical loads to
structures under radiant heating
conditions. 24 p4172 A67-42036
- WOLF, N.
Properties of alkali-metal magnetoplasmas
related to "enhanced
diffusion." 19 p3287 A67-35360
- WOLF, N. S.
Cross-field diffusion of quiescent
potassium
magnetoplasmas. 05 p0859 A67-17445
Diffusion and instabilities in "Q" machine
plasmas. 11 p1830 A67-24005
Diffusion measurements in potassium
magneto-plasmas. 11 p1835 A67-24386
- WOLF, P. H.
Contaminant concentrations in a space
cabin simulator at 258 mm
Hg. 23 p3964 A67-41559
- WOLF, R.
Low temperature surface emission in
seeded combustion
products. 19 p3345 A67-35079
- WOLF, R. A.
The application of selective pumping
techniques to upgrade vacuum
chambers. 04 p0598 A67-15174
- WOLF, R. J.
Electrode effects in a seeded
plasma. 04 p0664 A67-14821
- WOLF, R. L.
Lurain simulator for extended metabolic
studies. 23 p3966 A67-41597
- WOLFE, A. M.
Perturbations of a cosmological model and
angular variations of the microwave
background. 08 p1398 A67-21233
Perturbations of a cosmological model and
angular variations of the microwave
background. 22 p3892 A67-40498
- WOLFE, B. S.
The Concorde automatic flight control
system. 15 p2419 A67-29508
- WOLFE, C. M.
Epitaxial gallium arsenide Gunn effect
oscillators. 10 p1616 A67-23533
- WOLFE, C. W.
Energy, time, and physical
morphology. 06 p1091 A67-18994
- WOLFE, J. H.
A plasma instability associated with
thermal anisotropies in the solar
wind. 08 p1378 A67-21475
Preliminary results from the Ames
research center plasma probe observations
of the solar-wind-geomagnetic field
interaction region on IMP-II and
OGO-I. 12 p1997 A67-25806
Preliminary observations of a
geomagnetospheric wake at 1000 earth
radii. 22 p3791 A67-39819
- WOLFE, J. L.
Direction-finding performance of a wide-
aperture sampling linear
array. 13 p2082 A67-27405
- WOLFE, J. O.
The role of lubrication in propagation of
contact fatigue cracks.
[ASME PAPER 67-LUB-20] 24 p4163 A67-42678
- WOLFE, P.
Methods of nonlinear
programming. 17 p2818 A67-32425
- WOLFENDALE, A. W.
Measurements of the charge ratio of
cosmic-ray muons. 01 p0144 A67-10783
The interpretation of the charge ratio of
cosmic-ray muons. 03 p0506 A67-13516
A theoretical analysis of extensive air
showers. I. 03 p0506 A67-13517
Cosmic-ray intensities under sea-water and
under rock. 11 p1857 A67-24617
- WOLFERSDORF, L. V.
Comment on the theory of the general
Tricomi equation /Bemerkung zur Theorie
der verallgemeinerten
Tricomi-Gleichung/. 17 p2878 A67-32716
- WOLFF, C.
The effect of the earth's radiation belts
on an optical system. 02 p0243 A67-12055
Photography of the earth's cloud satellites
from an aircraft. 19 p3251 A67-34953
- WOLFF, E. G.
Metal coated whiskers. 03 p0444 A67-13434
- WOLFF, L. L.
The multiple internal communications
system concept - Single coaxial cable
interconnects all system components by
multiplexing. 13 p2083 A67-27447

- WOLFF, M.**
A position tracer for navigation in a manned satellite. 08 p1352 A67-21525
Precision limb profiles for navigation and research. 19 p3213 A67-34804
- WOLFF, N. E.**
Getting the most out of circuits with dielectric isolation. 10 p1610 A67-22971
- WOLFF, P. A.**
Theory of optical mixing by mobile carriers in semiconductors. 02 p0254 A67-12525
Theory of a tunable Raman laser. 05 p0823 A67-16684
- WOLFF, W. M.**
Simulation of aerospace flight acceleration and dynamic pressure environments for biodynamics research. [AIAA PAPER 67-279] 15 p2465 A67-29425
- WOLFHARD, H. G.**
Elementary processes in low-pressure flames and their relation to rocket-exhaust radiation. 18 p3152 A67-33819
- WOLFOWITZ, J.**
Generalized maximum likelihood estimators. 11 p1812 A67-24098
- WOLFRAM, G.**
Temporary bleaching of doped alkali-halogen-crystals with a ruby laser /Temporaeres Bleichen in dotierten Alkalihalogenidkristallen mit einem Rubinlaser/. 12 p1951 A67-25200
- WOLFRAM, T.**
Surface states and additional structure in the McMillan-Anderson model for the Tomasch effect. 02 p0296 A67-11822
Edge effects in the tunneling characteristics of superconducting diodes. 24 p4128 A67-41868
- WOLFSTIRN, K. B.**
Hall-effect levels produced in Te-doped GaAs crystals by Cu diffusion. 18 p3105 A67-34634
- WOLGA, G. J.**
Laser-pumped microwave emission in excited states of neon. 05 p0817 A67-16638
Double resonance gas laser spectroscopy in neon. 05 p0818 A67-16645
Near infrared laser transitions in pure helium. 22 p3817 A67-40488
Transient interference studies of emission from a pulsed ruby laser. 23 p4012 A67-40883
- WOLINSKI, W.**
Calorimeter for laser energy and output power /Kalorymetryczny miernik energii i mocy wyjściowej laserów/. 03 p0437 A67-13536
Laser neodymium glass /Laserowe szkło neodymowe/. 05 p0824 A67-16855
Small-size He-Ne laser /Laser He-Ne o małych rozmiarach/. 09 p1513 A67-22170
Heads of a high-energy neodymium laser /Głowice lasera neodymowego o dużej energii/. 09 p1514 A67-22171
Progress in the field of gas lasers /Osiągnięcia w dziedzinie laserów gazowych/. 14 p2333 A67-28970
A problem of laser pulse delay in He-Ne mixture at pulse excitation. 24 p4167 A67-42207
- WOLK, D. H.**
Finance and manpower. 06 p1120 A67-19038
- WOLKE, R. L.**
Isomeric cross sections and yield ratios of d, p reactions below 15 Mev. 14 p2350 A67-27790
- WOLKOVITCH, J.**
An introduction to hover dynamics. [SAE PAPER 660576] 01 p0010 A67-10570
- WOLKOWISKY, J. H.**
Existence of buckled states of circular plates. 22 p3916 A67-40525
- WOLKSTEIN, H. J.**
Microwave advanced product development - Microwave devices - Electron tubes vs solid-state. 14 p2289 A67-28913
- WOLLENHAUPT, W. R.**
Physical constants as determined from radio tracking of the Ranger lunar probes. [AAS PAPER 66-105] 07 p1253 A67-19965
Physical constants as determined from radio tracking of the Ranger lunar probes. [AAS PAPER 66-105] 13 p2208 A67-27523
- WOLLEY, E. D.**
High-voltage planar p-n junctions. 22 p3766 A67-39252
- WOLNIK, S.**
Simultaneous ultrasonic and line reversal temperature determination in a shock tube. 21 p3624 A67-37740
- WOLOVICH, W. A.**
On the decoupling of multivariable systems. 16 p2652 A67-31692
- WOLSKI, L.**
Experimental determination of the erodibility of solid-propellant materials /Doświadczalne wyznaczanie erozywności stальных materiałów pędnych/. 22 p3867 A67-39538
- WOLSKY, S. P.**
Sputtering processes and film deposition. 04 p0631 A67-15995
- WOLSTENCROFT, R. D.**
The state of polarization of the radiation from the Crab nebula. 05 p0882 A67-16593
The determination of isophotes of extended sources in the night sky - Scattering in the earth's atmosphere. 08 p1326 A67-21243
Observations of the zodiacal light from a sounding rocket. 08 p1326 A67-21244
Role of impurities in interstellar graphite grains. 19 p3323 A67-35423
On the location in space of the zodiacal dust particles. 19 p3222 A67-35460
- WOLTER, H.**
Discussion of the concepts "wideband antenna" and "optimum antenna" using a Lepidopter antenna as their example /Zu den Begriffen "Breitbandantennen" und "Optimalantennen", diskutiert am Beispiel der Falterantennen/. 10 p1613 A67-23506
Quantitative comparison of the noise sensitivity of binary and tetravalent signals /Quantitativer Vergleich der Störempfindlichkeit binärer und vierwertiger Signale/. 22 p3761 A67-39787
- WOLTER, W.**
Multiple meson production by heavy primary nuclei of cosmic origin and their fragmentation products at energies above 10 super 12 ev. 20 p3518 A67-37092
- WOLTYER, L.**
Spectral shifts in quasi-stellar objects. 03 p0515 A67-14321
Inverse Compton radiation in quasi-stellar objects. 03 p0508 A67-14325
On the magnetospheres of self-gravitating bodies. 12 p1999 A67-26251
- WOLTORNIST, V.**
The effects of flight dynamics on rotor blade antenna performance. [AHS PAPER 109] 16 p2597 A67-31825
- WOMACK, B. F.**
The problem of multiparameter adaptive systems having specified poles and zeros. 02 p0225 A67-12143
- WOMACK, J. R.**
Experimental studies with a clustered ion engine system. [AIAA PAPER 67-698] 21 p3693 A67-38727
- WONG, A.**
Parameter optimization by random search using hybrid computer techniques. 19 p3188 A67-36058
- WONG, A. Y.**
Excitation and damping of drift waves. 09 p1550 A67-22679
Excitation and damping of drift waves. 11 p1835 A67-24382
Cooperative effects in cyclotron echo phenomena. 11 p1836 A67-24391
- WONG, H.**
Thermal equilibrium behind an ionizing shock. 04 p0601 A67-14458
Radiative behaviour of a shock-heated argon plasma flow. 15 p2527 A67-29563
- WONG, H. V.**
Resonant particle instabilities in a uniform magnetic field. 08 p1359 A67-20897
Resonantly unstable off-angle hydromagnetic waves. 08 p1359 A67-20898
- WONG, J. L.**
Shaped-beam antennas for satellites. 02 p0212 A67-11606
A model for the radar echo from a random collection of rotating dipole scatterers. 11 p1764 A67-24435
Characteristics of a tapered anechoic chamber. 16 p2640 A67-31364
- WONG, J. P.**
Stability of multilayer sandwich plates. 15 p2577 A67-30267
- WONG, J. S. W.**
On two theorems of Waltman. 01 p0105 A67-10730
The boundedness of solutions of the second order differential equation. 03 p0460 A67-13822
Explicit bounds for solutions of certain second order nonlinear differential equations. 10 p1674 A67-22967
- WONG, J. Y.**
Far infrared spectra of Al sub 2 O sub 3 - Cr super 3 super plus and Al sub 2 O sub 3 - Ti super 3 super plus. 14 p2370 A67-28714
Spectral purity for far infrared grating spectroscopy. 17 p2863 A67-33300
- WONG, K. W.**
Satellite triangulation accuracy. 06 p0994 A67-17717
- WONG, M. K. F.**
Scattering amplitude for multipole mixtures in the Moessbauer effect. 04 p0660 A67-14758
- WONG, M. S.**
Ray-tracing study of HF ducting propagation with satellites. [RASSA PAPER 1-10-145] 03 p0373 A67-14252
- WONG, P. K.**
On the unified general solutions of linear wave motions of thermoelastodynamics and hydrodynamics with practical examples. [ASME PAPER 67-APM-32] 17 p2886 A67-33159
- WONG, R. E.**
System approach to lunar surface exploration. 08 p1316 A67-21082
Lunar surface mobility systems. 09 p1486 A67-22407
Some aerospace differential games. 24 p4182 A67-42908
- WONHAM, W. M.**
Another note on the transformation to canonical /phase-variable/ form. 01 p0048 A67-11223
A Liapunov method for the estimation of statistical averages. 04 p0647 A67-15740
Stochastic problems in control. 10 p1620 A67-23427
Optimal stationary control of a linear system with state-dependent noise. 20 p3408 A67-37077
- WONNELL, T. S.**
FAA air traffic control simulation laboratory at NAFEC. 08 p1315 A67-20678
- WOOD, D. S.**
Annealing of dislocation pinning centers in the temperature range 120 deg to 180 deg K in alkali halide crystals. 02 p0298 A67-11888
- WOOD, J. C.**
Generation of a quiescent, variable-parameter arc plasma. 15 p2523 A67-29228
Universal instability of a resistive plasma column. 18 p3086 A67-33986
- WOOD, A. D.**
Fast-response total thermal radiation detectors. 11 p1790 A67-24454
Measurements of the total radiant intensity of air. [AIAA PAPER 67-311] 12 p2036 A67-26026
- WOOD, A. L.**
Weapon system effectiveness and defense decisions - A view from the office of the Secretary of Defense. [SAE PAPER 660722] 01 p0169 A67-10626
- WOOD, B. E.**
Thermal radiative properties of carbon dioxide cryodeposits. 09 p1533 A67-22121
A vacuum integrating sphere for in situ reflectance measurements at 77 deg K from 0.5 to 10 microns. [AIAA PAPER 67-298] 12 p1926 A67-26013
An intensity and uniformity monitor for solar simulators. 19 p3207 A67-34835
Hemispherical reflectance of metal surfaces as a function of wavelength and surface roughness. 22 p3920 A67-40420
The spectral reflectance of water and carbon dioxide cryodeposits from 0.36 to 1.15 microns. 24 p4253 A67-42046
- WOOD, C. A.**
The system of lunar craters, quadrant IV. 01 p0152 A67-11331
- WOOD, C. C.**
The place of the helicopter in the megalopolitan transport system. [SAE PAPER 660336] 04 p0552 A67-15611
Vertical take-off aircraft for metropolitan and regional service. [AIAA PAPER 67-940] 24 p4097 A67-43030
- WOOD, C. D.**
Blood pressure changes and pulmonary edema in the rat associated with hyperbaric oxygen. 15 p2428 A67-29275
Effect of drugs in altering susceptibility to motion sickness in aerobatics and the slow rotation room. 21 p3574 A67-38083
- WOOD, C. J.**
Visualization of an incompressible wake with base bleed. 20 p3421 A67-36844

- WOOD, C. K.**
Human operator effects on satellite control system stability. 02 p0186 A67-12226
- WOOD, D.**
Some test and operational requirements for VSTOL transport. 14 p2245 A67-27746
- WOOD, D. E.**
Spectral analysis of pump-cavitation noise. 21 p3613 A67-38437
- WOOD, D. J.**
The influence of structural motion on the dynamic response of periodic liquid flow systems. 10 p1628 A67-23737
- WOOD, E. C.**
Onboard data systems and their relation to ground networks. [AAS PAPER 67-54] 15 p2440 A67-30118
- WOOD, E. H.**
Some effects of gravitational and inertial forces on the cardiopulmonary system. 10 p1599 A67-23810
- WOOD, E. R.**
On the theory of plastic wave propagation in a bar. 20 p3536 A67-36416
- WOOD, G. C.**
Compositional changes in the underlying alloy during the protective oxidation of alloys. 20 p3468 A67-37247
- WOOD, G. M.**
Hydrodynamic journal bearing tests in molten lithium. [ASME PAPER 66-WA/LUB-6] 04 p0629 A67-15338
- WOOD, G. P.**
Electric potentials, forces, and torques on bodies moving through rarefied plasmas. 14 p2362 A67-29039
- WOOD, H. J.**
Nonlinear vibration damping functions for fluid film bearings. [SAE PAPER 670061] 09 p1508 A67-22535
- WOOD, J.**
Computer aided design of M.O.S. integrated circuits. 14 p2281 A67-28021
- WOOD, J. A.**
Chondrites - Their metallic minerals, thermal histories, and parent planets. 08 p1397 A67-21207
A chemical-petrologic classification for the chondritic meteorites. 14 p2391 A67-28949
Olivine and pyroxene compositions in type II carbonaceous chondrites. 24 p4237 A67-42651
- WOOD, K. D.**
Aerospace Vehicle Design. Volume 1 - Aircraft Design /2nd Edition/. 15 p2419 A67-29417
- WOOD, K. G.**
Performance of a cesium bombardment ion engine with a self-rectifying discharge and automatic controls. [AIAA PAPER 67-666] 21 p3690 A67-38700
- WOOD, L. H.**
Photographic exploration of Mars with solar-electric propulsion. [AIAA PAPER 67-88] 06 p1096 A67-18438
Planetary photographic exploration with solar-electric propulsion. [AIAA PAPER 67-712] 21 p3714 A67-38739
- WOOD, M. N.**
Aerodynamic interference effects with jet-lift V/STOL aircraft under static and forward-speed conditions. 20 p3357 A67-36952
- WOOD, O. L.**
New momentum amplifier attacks problems of proportional fluidic control. 20 p3362 A67-36120
- WOOD, O. R.**
Passive-Q-switching of a CO sub 2 laser. 20 p3460 A67-36854
- WOOD, P. A.**
The future needs and current advances within the airlines. [SAE PAPER 670338] 12 p1895 A67-25877
- WOOD, R. E.**
Vibrational energy transfer in CO sub 2 lasers. 18 p3060 A67-34027
- WOOD, V. E.**
Thermal neutron transmutation effects on W/W-26Re thermocouples. 15 p2535 A67-29489
- WOOD, W. G.**
Stresses in a composite material with a single broken fibre. 23 p4077 A67-41156
- WOOD, W. P.**
Why electronic packages fail in storage. 05 p0780 A67-17469
Building in reliability. 18 p3058 A67-34673
- WOOD, W. W.**
A highly adaptive phase coherent receiving system. 14 p2271 A67-28691
Experimental mechanics at velocity extremes - Very high strain rates. 23 p4076 A67-40737
- WOODALL, J. M.**
Efficient electroluminescence from GaAs diodes at 300 deg K. 01 p0131 A67-10368
Donor and carrier distributions in oxygen-grown GaAs. 11 p1848 A67-24740
- WOODBURY, R.**
Conversion of a large chamber to sputter-ion and titanium sublimation pumping. 12 p1921 A67-25691
- WOODCOCK, G. R.**
Capability of Saturn V to support planetary exploration. 06 p1098 A67-19020
Lunar logistics and operations. 09 p1486 A67-22403
- WOODCOCK, R.**
Saturable absorption of color centers in Nd super 3 super plus and Nd super 3 super plus -Yb super 3 super plus laser glass. 05 p0822 A67-16678
- WOODCOCK, R. F.**
Glass as a material for refractive space optics. [SMPT PREPRINT 100-34] 03 p0469 A67-13808
Glass as a material for refractive space optics. 08 p1330 A67-20644
- WOODCOCK, W. P.**
Human factors engineering in reentry system design. 09 p1456 A67-22290
- WOODFORD, D. A.**
Creep ductility and dimensional instability of nickel at 500 and 525 C. 02 p0256 A67-12702
Constant-load creep data interpreted in terms of the stress dependence of dislocation velocity. 14 p2400 A67-28420
- WOODIN, E. A.**
Man-machine simulations for the Apollo navigation, guidance, and control system. [AIAA PAPER 67-242] 07 p1136 A67-20063
- WOODING, E. R.**
The temperature distribution in an H-mode R.F. plasma torch. 06 p1039 A67-17825
Angular distribution of radiation scattered coherently by a plasma cylinder. 06 p1041 A67-18138
The conical z-pinch plasma gun. 07 p1230 A67-20257
- WOODMAN, J. H.**
Synoptic description of the 5577 angstrom units nightglow near 78 deg W longitude. 10 p1650 A67-23337
- WOODMANSEE, W. E.**
Cholesteric liquid crystals and their application to thermal nondestructive testing. 02 p0250 A67-12538
- WOODROW, P. J.**
Three-dimensional time-optimal rendezvous. 02 p0330 A67-11924
- WOODRUFF, D. P.**
A pre-melting phenomenon in sodium-potassium alloys. 14 p2339 A67-29032
- WOODRUFF, L. W.**
Heat transfer measurements from a partially dissociated gas with high Lewis number. [ASME PAPER 65-WA/HT-27] 03 p0537 A67-14012
Interpretation of asymptotic calorimeter measurements. 10 p1656 A67-23139
- WOODS, A. G.**
Human response to low frequency sinusoidal and random vibration. 19 p3181 A67-35557
- WOODS, E. R.**
MTF logistics. 23 p3986 A67-40588
- WOODS, L. C.**
The theory of a cascade of cavitating hydrofoils. 01 p0053 A67-10851
On the instability of ventilated cavities. 04 p0600 A67-14457
- WOODS, R. W.**
Orbiting space laboratories - The next generation test facility. [AIAA PAPER 67-814] 24 p4243 A67-42968
- WOODS, W. A.**
On the reflection of shock waves from deflector plates. 12 p1928 A67-25356
- WOODS, W. C.**
Recent studies of factors affecting high lift-drag ratios at M equals 19 in helium. [AIAA PAPER 67-138] 06 p0940 A67-18439
- WOODS, W. J.**
A study in structural form. 20 p3542 A67-37531
- WOODSIDE, C. M.**
The design of optimal extremal controllers. 19 p3201 A67-34992
- WOODSON, H. H.**
Excitation and detection of magnetoacoustic waves in a rotating plasma accelerator. 19 p3298 A67-35746
- WOODWARD, J. E.**
Scanning beam guidance for approach and landing. 04 p0653 A67-15042
- WOODWARD, J. R.**
Beryllium brazing technology. [SAE PAPER 670805] 24 p4159 A67-41991
- WOODWARD, R. S.**
OV-10A landing gears. 17 p2794 A67-31989
- WOODYARD, J. R.**
Microwave loss in a reflex plasma discharge. 08 p1363 A67-21311
- WOOLDRIDGE, C. E.**
Boundary-layer turbulence measurements with mass addition and combustion. [AIAA PAPER 65-820] 01 p0054 A67-11169
Internal ballistic considerations in hybrid rocket design. [AIAA PAPER 66-628] 07 p1240 A67-19377
The effect of surface reactions on the solid propellant response function. 15 p2544 A67-29983
Review of Soviet transient combustion research. 15 p2581 A67-29986
- WOOLDRIDGE, M. J.**
Some approximate formulae for transient temperature prediction in aircraft-type structures. 11 p1883 A67-24661
- WOOLER, P. T.**
The pressure distribution on a rectangular wing with a jet exhausting normally into an airstream. [AIAA PAPER 67-1] 06 p0941 A67-18463
On the flow past a circular jet exhausting at right angles from a flat plate or wing. 11 p1742 A67-24659
- WOOLEY, B. C.**
Lunar Receiving Laboratory. 07 p1164 A67-20021
Biological contamination control concepts for the lunar receiving laboratory. 23 p3961 A67-40845
- WOOLF, H. M.**
Quasi-biennial cycles in angular momentum transports at 500 mb. 15 p2512 A67-29201
Southern Hemisphere stratospheric circulation as indicated by shipboard meteorological rocket observations. 19 p3253 A67-35920
- WOOLF, N. J.**
X-rays from the Coma cluster of galaxies. 05 p0882 A67-16413
On the stabilization of clusters of galaxies by ionized gas. 12 p2011 A67-26250
Far-infrared surveys of the sky. 17 p2952 A67-33362
- WOOLFOLK, R. W.**
Anomalies in detonation initiation of liquid explosives. 23 p4081 A67-40635
- WOOLLEY, J. C.**
High-temperature Hall effect in GaSb. 03 p0501 A67-14346
Conduction band of GaSb. 03 p0501 A67-14347
Reflectance of GaAs, GaP, and the GaAs sub 1 - sub x P sub x alloys. 03 p0501 A67-14355
- WOOLLEY, R.**
Mechanism of our galaxy. 03 p0516 A67-14334
- WOOLLEY, R. M.**
Deflection of centrally loaded thin circular elastic plates on equally spaced point supports. 05 p0917 A67-16366
Symmetrical bending of thin circular elastic plates on equally spaced point supports. 10 p1720 A67-23569
- WOOLLEY, V. D.**
Laser modulation - Minimizing harmonic distortion with multiple crystals. 09 p1511 A67-21643
- WOOLSEY, J. M.**
Absolute cross section for electron impact excitation of 3914 angstrom units N sub 2 super plus. 20 p3450 A67-37104
- WOOTEN, F. T.**
A proposed ultra-sensitive miniature temperature sensor. 13 p2119 A67-26517
- WOOTTON, L. R.**
The effect of compressibility on the maximum lift coefficient of aerofolls at subsonic airspeeds. 19 p3170 A67-35521
- WORBS, H. E.**
Analytical approximations for the density and viscosity of equilibrium air. 15 p2579 A67-29436
- WORK, G. A.**
Ion beam deflection for thrust vector

- control.
[AIAA PAPER 66-204] 04 p0706 A67-15241
- WORKMAN, J. W.**
Dynamic stresses around a fluid-filled cavity. 05 p0908 A67-16136
- WORLEY, S. J.**
Orbit position control for passive communications satellites.
[AIAA PAPER 66-313] 06 p1094 A67-17703
Satellite stationkeeping by solar radiation pressure. 13 p2213 A67-27489
- WORLOCK, R. M.**
A contact ion microthruster system.
[AIAA PAPER 67-80] 07 p1240 A67-19435
Microthruster development with simulated radioisotope heating.
[AIAA PAPER 67-734] 21 p3695 A67-38757
- WORMSER, J. J.**
Solid-state high-power low-frequency telemetry transmitters. 02 p0218 A67-12106
- WOROBEY, W.**
Thermoelectric power of gold films. 02 p0293 A67-11749
- WORONCOW, A.**
A true I.F. logarithmic amplifier using twin-gain stages. 01 p0025 A67-10814
- WOROSZY, S.**
The linearized flutter problem of an annular duct. 13 p2218 A67-26806
- WORT, D. J. H.**
Comparison of microwave transmission and Langmuir probe methods of measuring plasma density. 12 p1939 A67-25256
- WORTBERG, G.**
Examination of cylindrical Langmuir probes in high-density plasma flow /Zur Theorie der zylindrischen Langmuir-Sonde im stromenden Plasma hoher Dichte/. 13 p2166 A67-26650
- WORTH, R. N.**
Descent and landing systems for unmanned Mars entry. 04 p0706 A67-15236
- WORTH, W.**
Making the tenfold transition - Jets to the hypersonic transport. 20 p3517 A67-37447
- WORTHINGTON, H. R., JR.**
Production of holograms with incoherent illumination. 01 p0070 A67-11081
- WORTHINGTON, J. C.**
Welding 18 percent nickel maraging steel to 07 p1198 A67-19213
- WORTZ, E. C.**
Metabolic costs of upper torso exercises vs torque maneuvers under reduced-gravity conditions. 01 p0017 A67-10959
Effects of subgravity traction simulation on the energy costs of walking. 05 p0755 A67-16280
Study of heat balance in full pressure suits. 09 p1455 A67-21731
Metabolic rates during lunar gravity simulation. 13 p2062 A67-26922
- WORZEL, J. L.**
Navigation at sea by satellite. 05 p0839 A67-17388
- WOSCHNI, E.-G.**
Information-theoretical optimal filter /Informations-theoretisch optimale Filter/. 04 p0592 A67-14904
The optimization problem from the viewpoint of information theory, and a novel type of information-theoretical optimum filter /Das Problem der Optimierung in informationstheoretischer Sicht und eine neue Art Informationstheoretisch-optimaler Filter/. 04 p0586 A67-15639
- WOSINSKI, J. F.**
Baddeleyite inclusion in the Martha's Vineyard tektite. 11 p1858 A67-24065
Devitrification of tektite glass. 20 p3527 A67-37274
- WOYK, V.**
High power thyristor-battery drive for high peak, low average power pulser. 22 p3747 A67-39255
- WOYCHESIN, E. A.**
Characterization of propellant binder ingredients through gel permeation chromatography. 04 p0686 A67-14472
- WOYK, E.**
Charged particles spiralling in an extended gravity field and the magnetosphere. 12 p1992 A67-25119
- WOZNAK, C.**
The fibrous body as a simply connected model of multi-hole discs. 05 p0907 A67-16037
Nonlinear Theory of Shells /Nielinearna Teoria Powlok/. 24 p4246 A67-41800
- WOZNAK, CZ.**
Mechanics of Cosserat-type continuous media /Mechanika osrodkow ciaglych typu cosseratow/. 12 p1968 A67-26200
- WOZNY, M. J.**
A generalized Zubov formulation for limit cycles in third order nonlinear systems. 08 p1311 A67-20345
- WRAGG, A.**
The numerical solution of sequential decision problems involving parabolic equations with moving boundaries. 08 p1349 A67-21256
- WRAITH, P. K.**
Discrete radio sources at 38 mc/s. 15 p2437 A67-30031
- WRAY, J. D.**
Photo-optical instrumentation and reduction theory for the airborne astrophysical camera system. 16 p2679 A67-31795
- WRIGHT, A. J.**
The spectral transmission at infra-red wavelengths of Michelson interferometers with dielectric film beam-dividers. 06 p1005 A67-18716
- WRIGHT, D.**
Static electricity and transistor failures. 20 p3397 A67-36608
- WRIGHT, D. S.**
Dollars vs. protection in destructive testing. 15 p2584 A67-30421
- WRIGHT, E. B.**
Magnetization of an ideal superconducting torus in a transverse field. 11 p1850 A67-24918
- WRIGHT, F. W.**
Studies of particles for extraterrestrial origin. V. 09 p1570 A67-22693
Determination of the densities of individual meteoritic, glacial, and volcanic spherules. 14 p2390 A67-28886
- WRIGHT, G. B.**
Raman scattering from donor and acceptor impurities in silicon. 11 p1851 A67-24999
- WRIGHT, G. T.**
The space-charge varactor and its applications. 15 p2449 A67-29804
Transistor transit-time oscillator. 17 p2824 A67-32302
- WRIGHT, H.**
The rapid micro combustion determination of carbon, hydrogen and nitrogen in high explosives. 05 p0759 A67-17154
- WRIGHT, H. C.**
Crystal efficiency for injection luminescence in GaAs. 17 p2911 A67-32192
- WRIGHT, J. B.**
Reynolds number effects on ascending spherical balloons. 08 p1278 A67-21529
- WRIGHT, J. F.**
Some effects of macrofractionated gamma ray irradiation upon the rhesus primate. 10 p1599 A67-23816
- WRIGHT, J. G.**
A system for precise pole-to-pole navigation without grids. 09 p1526 A67-21830
- WRIGHT, J. K.**
Wave growth in M.H.D. generators. 18 p2987 A67-33705
- WRIGHT, J. M.**
Safety program at the nuclear rocket development station. 20 p3482 A67-36565
- WRIGHT, J. P.**
Ground shock due to Rayleigh waves from sonic booms. 23 p4074 A67-40632
- WRIGHT, J. W.**
Progress in ionospheric radio. 05 p0795 A67-16010
Comparison of ionospheric drift velocities by the spaced receiver technique with neutral winds from luminous rocket trails. 10 p1643 A67-23252
Profiles of winds in the lower thermosphere by the gun-launched probe technique and their relation to ionospheric sporadic E. 10 p1644 A67-23257
Sporadic E and the wind structure of the E region. 11 p1783 A67-23924
Motions of an electron-ion cloud released at 100 kilometers from a gun-launched projectile. 17 p2844 A67-32545
Sporadic E as an indicator of wind structure in the lower ionosphere and the influx of meteors. 23 p3995 A67-40806
- WRIGHT, L. N.**
Flight research program. 17 p2806 A67-31954
Vibrophonocardiograph investigation and development study. 23 p3970 A67-41661
- WRIGHT, M. A.**
Temperature dependence of the fatigue transition pressure for aluminum. 06 p1019 A67-18561
- WRIGHT, M. E.**
The Atlanta Advanced Radar Traffic Control System /ARTS/. 01 p0110 A67-10666
Terminal radar traffic control systems. 08 p1351 A67-20677
- WRIGHT, R. A.**
Metabolic depression in animals exposed to air after living in a He-O sub 2 environment. 23 p3944 A67-40823
A multiplace metabolimeter with a servo-driven volume meter for use with artificial atmospheres. 23 p3999 A67-41088
- WRIGHT, R. W.**
High altitude atmospheric scattering of light from a laser beam. 07 p1171 A67-19419
- WRIGHT, R. W. H.**
Optical radar evidence for atmospheric dust layers around 85 km altitude. 13 p2109 A67-26333
A laser radar for atmospheric studies. 13 p2072 A67-27609
A survey of equatorial spread F. [AGARDOGRAPH 95] 15 p2480 A67-30274
- WRIGHT, T. R.**
Iridium coatings for the protection of graphite reentry structures. 20 p3465 A67-36607
- WRIGHT, T. W.**
Plate and rod vibrations with initial stress. 04 p0717 A67-15912
- WRIGHTSON, J. M.**
Recent advances in solid propellant binder chemistry. 08 p1373 A67-20875
- WRIGLEY, J. D., JR.**
Infrared reflectance and optical constants of tektites. 16 p2753 A67-31697
- WRINKLE, W. W.**
Supersonic liquid jets. 06 p0982 A67-17603
- WRIXON, G.**
Measurement of the cosmic microwave background temperature at 1.5-cm wavelength. 15 p2551 A67-30161
- WROBEL, J. R.**
Surveyor Vernier engine fuel blend - A constrained optimization. [AIAA PAPER 66-627] 08 p1374 A67-21517
- WRONSKI, J. P.**
Evaluation of asbestos filled plastics and elastomers for space applications. 15 p2507 A67-29550
- WRUBEL, J. A.**
Flame spreading over the surface of igniting solid rocket propellants and propellant ingredients. 06 p1073 A67-18852
Flame spreading at elevated pressures over the surface of igniting solid propellants in oxygen/inert environments. 19 p3344 A67-34999
- WRZECIONO, A.**
Domain structure of strontium ferrite /Bereichsstruktur im Strontium-Ferrit/. 04 p0673 A67-14482
- WU, B. P. F.**
Thin-film resistors and performance of picosecond silicon integrated digital circuit using pn junction isolation. 18 p3014 A67-34551
- WU, C. P.**
A variational expression for the dominant mode coupling coefficients between the elements in an infinite array. 02 p0212 A67-11604
Diffraction of a plane electromagnetic wave by an infinite set of parallel metallic plates in an anisotropic plasma. 15 p2435 A67-29191
- WU, C.-H.**
On the solutions of plates, strips, rods, and cylinders subjected to arbitrary dynamic edge load. 11 p1874 A67-24314
- WU, C.-S.**
Unstable transverse waves in a plasma with anisotropic ion distribution. 02 p0276 A67-12562
Kinetic equation for an inhomogeneous plasma in a uniform external magnetic field. 19 p3285 A67-35342
High frequency conductivity calculation using the plasma kinetic equation. 19 p3286 A67-35353
- WU, J. H. T.**
Effects of orifices on detonation. 06 p1119 A67-18596
- WU, J.-M.**
External burning may prove best for air-breathing rockets. 08 p1376 A67-21284
- WU, K. C.**
Microstructural studies of Rene 41 simulated weld heat-affected zones. 07 p1198 A67-19215

- WU, N.-G.
Stresses in a layered rotating disk. 01 p0080 A67-10777
- WU, P.-R.
On the measurement of a bifilar complementary helical antenna. 23 p3979 A67-40834
- WU, S. Y.
Current saturation and drain conductance of junction-gate field-effect transistors. 15 p2446 A67-29637
- WU, T. T.
The imperfectly conducting cylindrical transmitting antenna. 02 p0210 A67-11590
Cylindrical antenna with tapered resistive loading. 09 p1481 A67-22446
An integral equation for the current in an asymmetrically driven cylindrical antenna. 17 p2826 A67-32618
The thick tubular transmitting antenna. 23 p3981 A67-41207
- WU, T.-C.
Noise of p-type indium antimonide. 10 p1693 A67-23566
- WU, T.-Y.
Kinetic equations of gases and plasmas. 04 p0660 A67-14581
- WU, Y.
Theory of Knudsen's absolute manometer. 08 p1331 A67-20867
Kinetic theory of molecular radiometric force and radiometer. 10 p1681 A67-22864
Thermal conductances in a collisionless gas between coaxial cylinders and concentric spheres. 15 p2579 A67-29566
- WU, Y.-C. L.
Characteristics of a family of diagonal conducting wall MHD generators. 12 p1898 A67-25381
An experimental and theoretical comparison of the performance of diagonal wall generators, Faraday generators and Hall current generators. 16 p2608 A67-30597
- WU, Y.-K.
Dispersion relation in compressible plasma. 23 p3974 A67-41204
- WU, Z.-H.
The calculation of the noise figure of the low-noise traveling wave tube. 05 p0773 A67-16510
- WUDELL, A. E.
Space Bola - A satellite retrieval system. 20 p3532 A67-36556
- WUENSCHER, H. F.
Lifting center-body land recoverable booster concept. 15 p2569 A67-29852
Low and zero "G" manufacturing in orbit. [AIAA PAPER 67-842] 24 p4165 A67-42980
- WUERTH, J. M.
Automatic navigation. 22 p3831 A67-39465
- WUEST, W.
Heat transfer in laminar supersonic boundary layers with blowing of a light gas with desired pressure and heat distribution /Waermueuebertragung in laminaren Ueberschallgrenzschichten mit Einblasen eines leichten Gases bei beliebiger Druck- und Temperaturverteilung/. 03 p0532 A67-12990
Hypersonic wind tunnel for small gas densities in the aerodynamic testing facilities at Goettingen /Ein hypersonischer Windkanal fuer kleine Gasdichten in der aerodynamischen Versuchsanstalt Goettingen/. 05 p0786 A67-16591
The flow past a wing profile with blowing of foreign gases from a leading edge slot /Die Stroemung an einem Fluegelprofil mit Ausblasen von Fremdgasen aus einem Nasenspalt/. 10 p1589 A67-22724
Boundary layers in rarefied gas flow. 10 p1623 A67-22874
Visualization of flows. IV /Sichtbarmachung von Stroemungen. IV/. 14 p2315 A67-27974
- WUESTHOFF, P.
Flow problems concerning hypersonic wave riders /Stroemungsprobleme an hypersonischen Wellenreitern/. 23 p3929 A67-41251
German research in the area of hypersonic aerodynamics /Deutsche Forschungsarbeiten auf dem Gebiet der Hyperschallaerodynamik/. 23 p3930 A67-41307
- WUERTHOFF, P.
Weather satellites and radio reception of the observation results by the German meteorological service /Wettersatelliten und der Funkempfang der Beobachtungsergebnisse beim Deutschen Wetterdienst/. 05 p0904 A67-16028
- WULFF, C. A.
Entropies of the aqueous Zn super plus super 2, Cd super plus super 2, Hg super plus super 2, and Hg sub 2 super plus super 2 ions. 20 p3376 A67-36792
- WULFF, H.
Pressure rise in a plasma due to the Nernst effect. 10 p1686 A67-23777
Production and behaviour of a magnetically stabilized high-density high-temperature plasma. 19 p3282 A67-35167
- WULFF, J.
Matrix-limited fatigue properties in fibre composite materials. 03 p0445 A67-13529
Quarternary solid solution superconductors. 23 p4036 A67-40705
- WULFF, W.
Radiative heat transfer through openings of variable cross sections. 04 p0738 A67-15870
- WULFSBERG, A. H.
Observations on the management of space electronic programs. 21 p3734 A67-38215
Communication and data system for the Apollo command module. 21 p3584 A67-38668
- WULFSBERG, K. N.
Atmospheric attenuation at millimeter wavelengths. 11 p1751 A67-23971
- WUNDERLICH, B.
Superheating of linear high polymers - Polytetrafluoroethylene. 04 p0641 A67-14528
Surface recrystallization of polyethylene extended-chain crystals. 04 p0566 A67-15201
Thermodynamic properties of extended chain polymethylene single crystals. 20 p3474 A67-37398
- WUNSCH, A. D.
Radiation from a strip of electric current in a magnetonic medium. 15 p2521 A67-29185
Current distribution on a dipole antenna in a warm plasma. 19 p3194 A67-35515
- WUNSCH, G.
Relations among the sampling theorem, Z transformation, and time-series method /Zusammenhang zwischen Abtasttheorem, Z-Transformation und Time-Series-Method/. 07 p1146 A67-20194
- WUNSCH, J.
Calculation of wide-band coupling filters /Berechnung breitbandiger Kopplungsfilter/. 10 p1618 A67-23639
- WUOLJOKI, J.
Higher modes of critical speed of shafts with elastic bearing moments. 02 p0250 A67-12710
- WURM, K.
Dissociation and ionization in comets /Dissoziation und Ionisation in kometen/. 16 p2746 A67-30979
- WURTINGER, H.
Design and preliminary sizing of glass-fiber plastic supporting structures /Entwurf und Vordimensionierung tragender Konstruktionen aus glasfaserverstaerkten Kunststoffen/. 21 p3650 A67-38519
- WURTZ, J. E.
High resolution cathode ray tubes for the system designer. 15 p2447 A67-29734
- WURTZ, P.
Study of the emission of a neodymium laser triggered by the Pockels effect /Etude de l'emission d'un laser au neodyme, declenche par effet Pockels/. 03 p0436 A67-13201
- WUTZKE, S. A.
Study of electric arc behavior with superimposed flow. [AIAA PAPER 66-479] 10 p1685 A67-23123
Symptomatic behavior of an electric arc with a superimposed flow. [AIAA PAPER 67-675] 21 p3671 A67-38708
- WYATT, A. F. G.
An effect of magnetic impurities in tunnel junction barriers. 24 p4200 A67-41865
- WYATT, B. S.
The interdiffusion of niobium and molybdenum. 01 p0100 A67-10767
The tensile strength of niobium-molybdenum alloys. 19 p3246 A67-35730
- WYATT, D. D.
Cost models for complex programs. 13 p2232 A67-27547
- WYATT, H.
A statistical analysis of beryllium cross-rolled sheet, hot pressed block and ring rolled forgings. 13 p2140 A67-27135
- WYATT, R. E.
Integrated and integral Hellmann-Feynman formulas. 22 p3757 A67-39637
- WYBORN, W.
Force measurements at blunt bodies in the DVL free-piston shock tunnel /M equals 8 to 16/ /Kraftmessungen an stumpfen Koerpern im DVL-Stoßwellenwindkanal mit freifliegendem Kolben /M equals 8 - 16//. 04 p0546 A67-14575
- WYCKOFF, R. W. G.
L and M X-ray spectra in the region 2-85 angstrom units. 01 p0116 A67-10690
A simple light element X-ray spectrometer. 17 p2853 A67-32046
- WYDER, P.
Effect of the mean free path on the magnetic behavior of small superconducting particles. 17 p2924 A67-33370
- WYDEVEN, T.
Water vapor electrolysis. 23 p3970 A67-41705
- WYGNANSKI, I.
The two-dimensional laminar jet in parallel streaming flow. 09 p1489 A67-22412
Effect of upstream velocity profile on the free mixing of jets with ambient fluid. 14 p2240 A67-28107
- WYKES, J. H.
Progress report on a gust alleviation and structural dynamic stability augmentation system /GASDSAS/ design study. [AIAA PAPER 66-999] 02 p0183 A67-12303
- WYLES, G. R.
Criteria for quality program planning /for NASA contracts involving NPC 200-3/. 20 p3556 A67-36602
- WYLIE, J. E.
The optimization of systems reliability. 01 p0085 A67-11384
- WYLY, L. D., JR.
Beta-gamma directional correlation in Sb super 125. 02 p0269 A67-11863
- WYMAN, C. L.
A laser guidance system for rendezvous and docking. 04 p0655 A67-15663
Test performance of an experimental laser radar for rendezvous and docking. [AIAA PAPER 67-606] 19 p3259 A67-35997
- WYNER, A. D.
On the probability of error for communication in white Gaussian noise. 12 p1908 A67-26086
- WYNGAARD, J. C.
A constant temperature hot-wire anemometer. 14 p2315 A67-28159
- WYNNE, C. G.
Afocal correctors for paraboloidal mirrors. 17 p2862 A67-33296
- WYNSTON, L. K.
Applicability of certain biochemical techniques to calcium management in space systems - An experimental study of blood serum calcium. 18 p2991 A67-34712
- WYNVEEN, R. A.
A logistics independent oxygen system for military aircraft. [AIAA PAPER 66-787] 01 p0012 A67-10531
An experimental oxygen concentrating system. 18 p2995 A67-34717
Aircraft oxygen systems - The next generation. 23 p3963 A67-41543
An experimental carbon dioxide concentrating system. 23 p3965 A67-41578
- WYRWINSKI, J.
A generalization of Weber's theorem for problems of the coupled thermoelasticity. 03 p0523 A67-13502
- WYSOCKI, J. J.
Lithium-doped radiation-resistant silicon solar cells. 04 p0556 A67-15703
Self-healing radiation-resistant silicon solar cells. 23 p3941 A67-41522
- WYSS, R.
Iron-chromium-bauxite cermets - Preparation and properties /Cermets fer-chrome-bauxite - Preparation, proprietes/. 18 p3065 A67-34260

X

- XANTHAKIS, J.
The relative sunspot numbers and the time of rise. 03 p0511 A67-13809
The departures of the maxima of solar activity from the parabolic law. 13 p2202 A67-27420
Probable values of the time of rise for the forthcoming sunspot cycles. 21 p3704 A67-38511
- XINH, N. X.
Thermal lattice conductivity of semiconductors /Conductivite thermique de reseau des semiconducteurs/. 14 p2374 A67-28984

Y

YAAKOBI, B.

Physical measurements of the ionized gas produced by exploded lithium wires. 19 p3261 A67-35162

YABROUDY, G.

Packaging of electronic signal conditioning equipment for the Project Apollo lunar module. 21 p3635 A67-38628

YABSLEY, D. E.

Performance of the Parkes 210-foot paraboloid at wavelengths from 6 to 75 cm. 14 p2282 A67-28035

YACOBY, Y.

Electroabsorption in rutile /TiO sub 2/. 01 p0131 A67-10339

YADAV, B. R.

Depletion of solar radiation by particulate matter in the atmosphere - A study with special reference to New Delhi. 10 p1700 A67-23086

YADAVALLI, S. V.

Hose instability of a beam of charged particles penetrating a plasma. 02 p0272 A67-11525
Long-wavelength beam instability and determination of plasma properties /Shlangovaya neustoiichivost' i opredelenie svoystv plazmy/. 17 p2895 A67-32160

YAGER, R. E.

Radiative lifetimes of some n equals 4 and n equals 5 states in He II. 13 p2160 A67-26880

YAGHJIAN, A. D.

Modal solution of a point source in a strongly focusing medium. 11 p1751 A67-23969

YAGI, K.

Discussion of paper by J. A. O'Keefe and E. W. Adams - "Tektit structure and lunar ash flows." 03 p0512 A67-13936

YAHIKU, A. Y.

Research on a charged particle bipolar thruster. [AIAA PAPER 67-728] 21 p3694 A67-38752

YAJNIK, K.

Dynamic reversibility in fluid flows. 11 p1778 A67-24273

YAMADA, E.

Non-linear galvanomagnetic effects due to hot electrons in n-type InSb in the quantum limit. 06 p1065 A67-18953

YAMADA, T.

Current saturation in the evaporated GaAs films. 20 p3505 A67-36177

YAMADA, Y.

On the tensile plastic instability in axisymmetric deformation of sheet metals. 04 p0710 A67-14976

YAMAFUJI, K.

Theory of hysteresis losses in non-ideal superconductors. 06 p1048 A67-17819
Theory of flux motion in non-ideal type-II superconductors. 21 p3683 A67-38402
On the concept of pinning force in type II superconductors. 22 p3858 A67-39519

YAMAGATA, H.

NMR study of two energy gaps in superconducting compounds. 08 p1371 A67-21443

YAMAGISHI, F.

Experiments on radar transmitting peak-power amplification by platinotron. 10 p1605 A67-23061

YAMAGUCHI, J.

Electrical conduction through thin films of tantalum oxide. 05 p0862 A67-16525

YAMAGUCHI, K.

Foreshortening effect on the apparent area of solar flare. 20 p3518 A67-36841

YAMAGUCHI, M.

The blocking effect due to interference in a parametric amplifier. 10 p1609 A67-22834

YAMAGUCHI, S.

Turbulent mixing of a plane jet with an external parallel flow /Turbulente Vermischung eines ebenen Strahles in gleichgerichteter Aussenstroemung/. 01 p0052 A67-10646

YAMAGUCHI, T.

Preliminary experiments on pebble-bed heater for hypersonic wind tunnel. 05 p0926 A67-16429
On the crossing rates of atmospherics in the range of high threshold. 14 p2306 A67-27881

YAMAGUCHI, Y.

Notes on the geomagnetic disturbances for

the pre-SC stage of PCA. 08 p1329 A67-21539
Design considerations in PCM transmission of low-resolution monochrome still pictures. 11 p1791 A67-24712

YAMAKA, E.

Alignment characteristics of an optical maser with a corner prism. 12 p1953 A67-25454

YAMAMOTO, G.

Estimation of water vapor distribution in the atmosphere from satellite measurements. 02 p0239 A67-12364
Turbulent transfer in diabatic conditions. 10 p1677 A67-23574

YAMAMOTO, J.

Experiments on a far infrared CN laser. 16 p2684 A67-30605

YAMAMOTO, K.

Rotation of a conducting circular cylinder in a uniform magnetic field. 05 p0851 A67-16434

Low-frequency resonance oscillations in cylindrical plasma columns. 07 p1229 A67-19674

Radial density profile in a positive column with a longitudinal magnetic field. 08 p1362 A67-21148

Resonant oscillation in a PIG discharge. 14 p2355 A67-27828

Axially symmetric stagnation-point flow of a rarefied gas. 22 p3784 A67-39836

YAMAMOTO, M.

Shubnikov-de Haas effect of n-type HgTe. 05 p0864 A67-16900

UHF amplification and frequency conversion in a single transistor. 20 p3398 A67-36773

Calculation of the quadratic Stark effect in Ar II. 21 p3659 A67-38408

YAMAMOTO, S.

Coupled strip transmission line with three center conductors. 02 p0193 A67-11777

Slit-coupled strip transmission lines. 04 p0592 A67-14862

Angular distribution of flow from orifices and tubes at high Knudsen numbers. 08 p1324 A67-21495

Noise in double-injection space-charge-limited diodes. 16 p2637 A67-31034

YAMAMOTO, T.

Coherent domains in some parameter spaces inherent in a beam-plasma regime. 17 p2902 A67-32674

Summed and differential harmonic oscillations in nonlinear vibratory systems. 22 p3910 A67-39408

YAMAMOTO, Y.

General instability of a reinforced cylindrical shell clamped at both ends under external pressure. 05 p0918 A67-16422

YAMANA, M.

Stress-distribution measurement by means of vibration method. 06 p1100 A67-18001

YAMANAKA, C.

GaAs laser pumped by ruby laser. 14 p2329 A67-27831

Thomson scattering of ruby laser light by shock wave plasma. 18 p3084 A67-33649

YAMANAKA, M.

Experiments on a far infrared CN laser. 16 p2684 A67-30605

YAMANAKA, T.

Mass effect on blast wave theory. 01 p0141 A67-11179

A method for observing phenomena in an arbitrary pipe flowfield of revolution. 21 p3610 A67-37810

YAMANE, M.

Stress-strain curves under variable stresses. 22 p3913 A67-40036

YAMANOUCI, C.

Electric conduction phosphorus doped silicon at low temperatures. 14 p2365 A67-28232

YAMAOKA, I.

The counterflow diffusion flame in the forward stagnation region of a porous cylinder. 18 p3155 A67-33842

YAMASAKI, H.

Potential distribution in collisionless plasmas in a weak magnetic field. 08 p1365 A67-21412

YAMASHITA, A.

Space-charge currents in n-type GaAs. 09 p1552 A67-21767

Current saturation in the evaporated GaAs films. 20 p3505 A67-36177
High field effects above the Gunn threshold in n-type GaAs. 21 p3679 A67-38260

YAMASHITA, D.

The effect of lithium and the formation of

active material from the nickel plaque on the positive plates of sintered-type alkaline storage batteries. 22 p3748 A67-40229

YAMASHITA, E.

Tunnel diode oscillator in an open structure. 19 p3196 A67-35660

Radiation impedance approach to the analysis of a thin film inductor in a microwave integrated circuit. 24 p4128 A67-41924

YAMASHITA, K.

The observation of galactic X-rays. 01 p0144 A67-10562

Energy spectra of galactic X-rays. 05 p0883 A67-16876

Observations of energy spectra of galactic X-rays. 10 p1700 A67-23054

Energy spectra of galactic X-rays. 10 p1701 A67-23229

A mechanism of X-ray emission from supernova remnants and other active objects. 12 p1995 A67-25764

YAMASHITA, M.

Sea phenomena in ELF atmospherics. 01 p0060 A67-11240

Observation of Whistler-like elf radio waves between 3 and 60 c/s. 14 p2306 A67-27885

Propagation of E.L.F. radio waves to great distances below the anisotropic ionosphere. 20 p3379 A67-36282

YAMASHITA, S.

Frequency of microwave oscillation in GaAs p-n junctions. 01 p0137 A67-11070

YAMASHITA, T.

Effect of microwave and magnetic field on A.C. Josephson currents. 17 p2915 A67-32657

YAMASHITA, Y.

Dispersion relations of moving striations. 15 p2472 A67-29733

YAMATO, H.

Observation of collisionless electron heating by ion cyclotron waves. 02 p0275 A67-12556

Limitation on ion cyclotron heating in the local mirrors of the C stellarator. 15 p2523 A67-29212

Confinement of energetic plasma in magnetic mirrors in the model C stellarator. 15 p2523 A67-29213

YAMATO, S.

Star system. I. 13 p2067 A67-26717
Star system. V. 13 p2087 A67-26721

YAMAUCHI, I.

Current saturation in the evaporated GaAs films. 20 p3505 A67-36177

YAMAUCHI, T. T.

An adaptation of the lunar orbiter photographic system for orbital reconnaissance of Mars. 09 p1570 A67-21681

YAMAWAKI, K.

Direct observation of output beam patterns from N sub 2 -CO sub 2 laser at 10.6 mu m by thermal development method. 24 p4166 A67-41908

YAMAZAKI, K.

Combustion characteristics and ballistic performance of dual-layer propellant grains for end-burning type rocket motors. 05 p0872 A67-16589

Analysis of multiplier with varactor diode - Especially concerning maximum conversion power. 10 p1609 A67-22836

YANAGI, T.

Improved single-probe technique in flames. 01 p0070 A67-11068

YANAGIHARA, K.

Equatorial enhancement of micropulsation pi-2. 08 p1329 A67-21540

YANAGISAWA, T.

Active gyrator. 11 p1789 A67-24127
Realisation of a lossless transistor gyrator. 13 p2078 A67-26789

YANAI, H.

Epitaxial growth of SiC film on silicon substrate and its crystal structure. 04 p0675 A67-14762

Frequency-modes of Gunn-effect oscillator. 05 p0872 A67-17531

Thermal breakdown in silicon p-n junction devices. 07 p1157 A67-19901

Trends in microelectronics technique. 12 p1917 A67-26202
Generalized analysis of high-frequency and switching characteristics of junction transistors. 24 p4201 A67-41900

Read-type oscillation from silicon p-nu-n diodes. 24 p4133 A67-42820

YANG, A. T.

Application of dual quaternions to the study of gyrodynamic.

- [ASME PAPER 66-MECH-6] 08 p1332 A67-21316
- YANG, C. C.**
A cryogenic associative memory system for information retrieval. 02 p0208 A67-12163
A cryogenic associative memory. 21 p3587 A67-37955
- YANG, C. H.**
The present theoretical position in explosion theory. 18 p3155 A67-33845
The determination of explosion limits from a unified thermal and chain theory. 18 p3156 A67-33849
- YANG, C. Y.**
Classification of elastic-plastic waves in plane strain. 22 p3914 A67-40193
- YANG, E. S.**
On the variation of small-signal alphas of a p-n-p-n device with current. 17 p2911 A67-32193
Turn-off characteristics of p-n-p-n devices. 21 p3591 A67-38154
Generalized turn-on criterion of p-n-p-n devices. 22 p3770 A67-39731
- YANG, H. T.**
Remarks on the vortex model of wing-body interference. 08 p1277 A67-20596
- YANG, K. S.**
The Illinois 400-foot radio telescope - Performance and electronic equipment. 09 p1486 A67-22443
- YANG, K.-T.**
The interaction of thermal radiation in optically thick boundary layers. [ASME PAPER 67-HT-9] 20 p3545 A67-36707
- YANG, L.**
Effect of operating temperature on the vacuum emission stability of vapor-deposited tungsten clad UC-ZrC and UO sub 2. 09 p1449 A67-22347
Effect of preferred crystal orientation and surface treatment on the work function of vapor-deposited tungsten. 09 p1451 A67-22357
- YANG, M.**
An evaluation method for deposited thin film interfacial interconnections. 14 p2369 A67-28613
- YANG, P. B.**
An analysis of stability critical orthotropic cylinders subjected to axial compression. 10 p1728 A67-23760
- YANG, P. C.**
Elastic wave propagation in heterogeneous plates. 01 p0160 A67-10407
- YANG, R. F. H.**
A proposed gain standard for VHF antennas. 03 p0385 A67-13859
- YANG, T.-L.**
On the vibrations of a particle in the plane. 11 p1818 A67-24085
- YANG, T.-T.**
Optimum design of a ring-airfoil to be used as a performance improving device in a conical diffuser. 22 p3743 A67-40168
- YANG, W. H.**
Elasto-plastic stresses and strains in cracked plates. 16 p2769 A67-31287
Stress analysis of cracked rectangular beams. [ASME PAPER 67-APM-21] 17 p2964 A67-33150
- YANG, W.-J.**
Momentum and heat transfer in laminar flow of gas with liquid-droplet suspension over a circular cylinder. 04 p0725 A67-15439
Unsteady stagnation point heat transfer due to arbitrary time-wise-variant free stream velocity. 04 p0610 A67-15830
Radiation effects on film boiling in natural and forced-convection boundary-layer flows. [ASME PAPER 66-WA/HT-6] 04 p0739 A67-15939
- Boundary-layer analysis of two-phase flow over an oscillating flat plate. 05 p0793 A67-17338
Stagnation-point forced convection in two-phase flow. 14 p2405 A67-28126
Momentum and heat transfer in laminar flow of gas with liquid-droplet suspension over a circular cylinder. [ASME PAPER 66-WA/HT-33] 15 p2579 A67-29322
- Similarity solution for cone and disk flows of power-law fluids. 17 p2793 A67-33040
- YANIV, A.**
Preliminary results of a micrometeoroid collection experiment in the Luster program. 10 p1707 A67-23237
Results of micrometeoroid collection experiments flown on Gemini 9 and Gemini 12. 19 p3339 A67-35196
- YANKURA, G. A.**
Application of fluidics to ramjet control systems. 17 p2927 A67-31981
A fluidic fuel control system for an advanced ramjet engine. [AIAA PAPER 67-497] 18 p3113 A67-33961
- YANNITELL, D. W.**
Effect of nonzero Pr sub m on hydromagnetic airfoil theory. 14 p2240 A67-28142
The super-Alfvénic nature of Sears-Ressler flow. 19 p3170 A67-35538
- YANO, S.**
Measurements of flow velocities in an MHD channel. 05 p0854 A67-16983
Direct measurements of flow velocities, seeding ratios and electrical conductivities in seeded argon plasmas. 09 p1539 A67-21780
MHD power generation experiments with potassium-seeded argon plasmas. 16 p2601 A67-30554
- YANOWITZ, H.**
A new heat flux gage for use on recessive surfaces. 01 p0071 A67-11106
A heat-flux gage for use on recessive surfaces. 24 p4155 A67-42289
- YANYECIC, G. A.**
The ignition and combustion of monopropellant droplets. [AIAA PAPER 67-480] 18 p3158 A67-33949
- YAO, J. T. P.**
Low-cycle fatigue damage of notched specimens. 17 p2957 A67-32028
- YAO, K.**
On truncation error bounds for sampling representations of band-limited signals. 04 p0570 A67-14871
- YAO, Y.-P.**
The concept of antiparticles in particle mixing. 16 p2705 A67-31565
- YAP, B. K.**
0 to 3 GHz traveling-wave electrooptic modulator. 09 p1471 A67-21644
- YAPLEE, B. S.**
Lunar radius from radar measurements. 19 p3319 A67-35263
- YARBOROUGH, J. M.**
Optical network synthesis using birefringent crystals. VI. 11 p1818 A67-24418
- YARBROUGH, L. A.**
Characteristics and uses of an L-band radiometer. 01 p0063 A67-10323
- YARDLEY, J. T.**
Vibrational energy transfer in CO sub 2 lasers. 18 p3060 A67-34027
- YARIS, R.**
A phenomenological treatment of the absolute signs of spin-spin coupling constants. 21 p3658 A67-38003
The choice of trial functions in the perturbation-variation method. 21 p3659 A67-38004
- YARIV, A.**
Theory of the optical parametric oscillator. 05 p0817 A67-16639
Laser mode-locking with saturable absorbers. 16 p2686 A67-31808
Infrared absorption at 10.6 mu in GaAs. 23 p4045 A67-41471
- YARNELL, J.**
Multiple faults and confidence levels - Resolution of a paradox. 04 p0584 A67-15480
- YAROSHEVSKIY, V. A.**
Optimal correction theory and its application to the problem of space vehicle approach to the designated planet. 22 p3830 A67-39193
- YARYMOVYCH, M. I.**
Expandable and modular structures technology for support on manned missions. 02 p0333 A67-12342
- YASUDA, H.**
The equinox and equator correction derived from the observation of major planets and minor planets made with Tokyo meridian circle. 20 p3429 A67-36838
Meridian observation of the declinations of major planets and minor planets during the period 1951-1959. 20 p3524 A67-36839
- YASUHARA, M.**
Current diffusion in a shock tube with varying magnetic field. 14 p2358 A67-28234
Gas ionizing shock wave in magnetic shock tube. 15 p2470 A67-29310
The structure of barrel shock in a jet exhaust at high altitude. 22 p3739 A67-39410
- YASUI, R. K.**
Solar cell submodule design and assembly. 24 p4109 A67-42558
- YASUOKA, Y.**
Quenching response on a GaAs dual laser. 21 p3640 A67-38261
- YASURA, K.**
Resonance in a slightly tilted waveguide. 01 p0040 A67-11233
- YATES, D. R.**
Summary report on the theory of hypervelocity impact. 04 p0710 A67-15004
- YATES, G. B.**
An experimental and analytical evaluation of the thermal behavior of liquid hydrogen in a tank designed and insulated for use in a hypersonic vehicle. 13 p2186 A67-27646
- YATES, M. K.**
Temperature control and thermal coupling of an integral adsorption-type cesium reservoir. 09 p1450 A67-22350
- YATES, R. E.**
A new matrix formula for the inverse Laplace transformation. [ASME PAPER 66-WA/AUT-3] 04 p0646 A67-15420
- YATSIV, S.**
Stimulated electronic Raman effect and parametric anti-Stokes radiation in potassium vapor. 21 p3641 A67-38456
- YAU, L. D.**
Incremental stress effects in transistors. 09 p1472 A67-21950
- YAU, S. S.**
A cryogenic associative memory system for information retrieval. 02 p0208 A67-12163
- YAVUZ, D.**
A sharp cut-off filter employing a nonlinear element. 03 p0386 A67-13981
- YBARRONDO, L. J.**
Improved expressions for the efficiency of an infinite stage thermoelectric heat pump and generator. 15 p2422 A67-29639
- YEAGER, L. J.**
Development of electric components for a 400 Hertz Brayton cycle energy conversion system. 24 p4108 A67-42556
- YEAGER, P. R.**
The problem of ultra-high vacuum measurements. 01 p0064 A67-10501
- YEAGER, R. E.**
Development of adhesive systems for extreme environments. 09 p1578 A67-22524
- YEARGAN, J. R.**
Deposition of silicon nitride on metal-coated substrates. 15 p2540 A67-29932
- YEATMAN, R. D.**
Effect of heating restraints on aeroglide and aerocruise synergetic maneuver performance. [AIAA PAPER 67-169] 06 p1097 A67-18483
Effect of heating restraints on synergetic maneuver performance. [AIAA PAPER 67-169] 19 p3332 A67-34831
- YEE, H. Y.**
Cutoff frequencies of eccentric waveguides. 02 p0193 A67-11781
- YEH, C.**
A D-C pumped quadrupole amplifier. 09 p1478 A67-22260
Cross-modulation products in wideband tunnel-diode amplifiers. 09 p1557 A67-22266
Radiation through an inhomogeneous, magnetized plasma sheath. 11 p1753 A67-24306
Scattering by an infinite cylinder coated with an inhomogeneous and anisotropic plasma sheath. 16 p2626 A67-31350
Reflection and transmission of electromagnetic waves by a moving plasma medium. II. 18 p3091 A67-34633
- YEH, G. C. K.**
Sloshing of a liquid in connected cylindrical tanks owing to U-tube free oscillations. 03 p0522 A67-13213
Free and forced oscillations of a liquid in an axisymmetric tank at low-gravity environments. 10 p1629 A67-23832
- YEH, G. S. Y.**
Selected-area small-angle electron diffraction. 22 p3798 A67-39561
- YEH, H.**
Characteristics of plasma probes in an MHD working fluid. 09 p1539 A67-21784
Blowing of current patterns in nonequilibrium plasmas. 19 p3298 A67-35760
- YEH, H.-C.**
Radiation effects on film boiling in natural and forced-convection boundary-layer flows. [ASME PAPER 66-WA/HT-6] 04 p0739 A67-15939
Stagnation-point forced convection in two-phase flow. 14 p2405 A67-28126
Similarity solution for cone and disk flows of power-law fluids. 17 p2793 A67-33040

YEH, H.-H.
Optimum control of a class of distributed-parameter systems. 11 p1770 A67-24890

YEH, K. C.
Gradient instabilities as possible causes of irregularities in the ionosphere. 05 p0760 A67-16002
Total ionospheric electron content at Houghton, Michigan. 15 p2474 A67-29193
F-region irregularities studied by scintillation of signals. 15 p2481 A67-30285
[AGARDOGRAPH 95]
Wave propagation in a random medium with anisotropic background. 19 p3184 A67-35825

YEH, L.
Critical speed investigations of turbo-machines. 12 p1949 A67-25410

YEH, L. P.
Experimental aperture-to-medium coupling loss. 02 p0213 A67-11620

YEH, M.-F.
Pulsed electrodeless discharge as a light source for laser excitation and observation of the characteristics of laser output. 10 p1666 A67-23565

YEH, Y. S.
Boundary conditions at a dielectric-plasma interface. 20 p3501 A67-37218

YELAHANKA, K. N. M.
Radioactive contamination of high altitude aircraft and Air-India monitoring programme. 05 p0751 A67-16300

YELON, A.
Structural and magnetic properties of epitaxial permalloy films. 04 p0676 A67-14931
Anisotropic ferromagnetic resonance linewidth in Ni platelets. 22 p3864 A67-40245

YEN, C. M.
Superconducting critical temperatures of nonstoichiometric transition metal carbides and nitrides. 03 p0491 A67-13256

YEN, D. H. Y.
The Riemann matrix of $1/2$ plus $1/4$ -dimensional symmetric-hyperbolic systems. 17 p2876 A67-32031

YEN, J. L.
On grating plateaux of the conformal array - A class of planar nonuniformly spaced arrays. 02 p0211 A67-11599
Observations of quasars using interferometer baselines up to 3,074 km. 17 p2947 A67-32760
Diameters of some quasars at a wavelength of 66.9 cm. 24 p4226 A67-41876

YEN, J. T.
Magnetohydrodynamic power generation as affected by viscosity and non-equilibrium ionization. 09 p1541 A67-21802

YEN, K. T.
Interaction between the solar wind and the sun's general magnetic field. [AIAA PAPER 66-509] 12 p2008 A67-25920

YEN, S. M.
A simple theory of shock structure. 11 p1775 A67-23879

YEN, S.-M.
On the accuracy of approximate solutions of the Boltzmann equation. 13 p2104 A67-26979

YENNI, D. M.
Plasma needle arc for very low current work. 03 p0430 A67-13690

YEP, T. O.
Low temperature transport effects in n-type GaSb at high magnetic fields. 06 p1064 A67-18946
Low-temperature transport effect in n-type GaSb at high magnetic fields. 15 p2534 A67-29327

YERBURY, M. J.
Amplitude limiting applied to a sensitive correlation detector. 18 p3012 A67-34524

YERKES, J. W.
Conversion of a large chamber to sputter-ion and titanium sublimation pumping. 12 p1921 A67-25691
The Boeing 20-foot solar simulator - Progress report. 24 p4139 A67-42045

YEROUHALMI, D.
Hot electrodes for open cycle MHD generators. 12 p1899 A67-25405
The behaviour of various electrodes and insulators in an experimental M.H.D. generator. 18 p2988 A67-33708
New ceramics based on monoclinic zirconia. 18 p3099 A67-33709
Electrodes and walls with structurally determined front-surface temperatures for open-cycle magnetohydrodynamic generators

/Electrodes et parois a temperatures de faces frontales structurellement determinees pour generateurs magnetohydrodynamiques a cycle ouvert/. 20 p3362 A67-36115
Control in hot surface channels for open cycle M.H.D. generators. 24 p4106 A67-42526

YERUSALIM, N.
Air transportation in Philadelphia. 21 p3608 A67-38804

YETTITO, P. R.
A thermal, infrared inspection technique for bondflaw inspection. 09 p1508 A67-22528

YETTRAM, A. L.
A direct matrix method for the elastic stability analysis of struts. 14 p2403 A67-29017

YEW, C. H.
Strain-rate effects in the propagation of torsional plastic waves. 05 p0909 A67-16144
On deformation of laminated shells. 10 p1731 A67-23846

YIH, C.-S.
On the Earnshaw conjecture. 05 p0792 A67-16726
Instability due to viscosity stratification. 08 p1321 A67-20709

YIN, P. K.
Observed laser lines in freon-helium mixtures. 22 p3817 A67-40489

YIN, T. P.
A quantitative evaluation of constrained-layer damping. [ASME PAPER 67-VIBR-26] 11 p1872 A67-24184

YIN, W. I.
On internal fracture of solids. 16 p2773 A67-31315

YIN, Y. K.
An axisymmetric similarity solution for viscous-transonic nozzle flow. 15 p2417 A67-29654

YIP, G. L.
Surface waves along an axially magnetized plasma column. I. 22 p3847 A67-39621

YIP, W. K.
Cyclotron radiation from electron streams as the origin of solar type I noise storms. 07 p1244 A67-19852
A theory of solar type IV emission on centimetre and decimetre wavelengths. 23 p4050 A67-40776

YINGVESSON, K. S.
An L-band rutile traveling-wave maser. 09 p1514 A67-22270

YINTEMA, G. B.
Thermodynamics of vortex flow in superconductors. 12 p1983 A67-25477

YOBLIN, J. A.
New techniques for making high temperature resistant materials. 03 p0429 A67-13437

YOCKEY, H. M.
System performance of control systems with two nonlinearities. 08 p1310 A67-20342

YODER, J. R.
An earth-based, infrared lunar mapper for thermal and composition studies. 15 p2492 A67-30434

YOGANANDA, C. V.
Comparison of elasticity and shell theory solutions for long circular cylindrical shells. 04 p0709 A67-14811

YOGANANDAM, M.
Materials for use in aerospace technology with particular reference to indigenous development potential. 20 p3464 A67-36187

YOH, P.
Short-duration, narrow-band solar bursts at 38 Mc/s. 20 p3520 A67-37476

YOKOBORI, T.
The energy principle as applied to the elastic-plastic crack model for fracture criterion. 10 p1730 A67-23829
Interaction between elastic cracks, dislocation cracks and slip bands. 16 p2769 A67-31284
Tensile and torsional fracture of low carbon steel at liquid nitrogen temperature. 16 p2689 A67-31309
A criterion for fatigue fracture under multi-axial alternating stress state. 17 p2960 A67-32632
A note on the thin extension of plastic zone in the direction of the path of the moving brittle crack. 17 p2960 A67-32633

YOKOO, K.
Wafer-type millimeter-wave diodes. 18 p3011 A67-34021

YOKOYAMA, K.
Orientation of wheat seedling organs in relation to gravity. 04 p0560 A67-14407

An MHD rotating machine - A new type of A.C. magnetohydrodynamic power generator and turbine. 16 p2605 A67-30581

YOKOYAMA, M.
Thomson scattering of ruby laser light by shock wave plasma. 18 p3084 A67-33649

YOKOYAMA, S.
Microwave communication system using PCM. 22 p3763 A67-40460

YOKOYAMA, T.
Effects of ventilation-perfusion inequality on elimination of inert gases. 21 p3575 A67-38516

YOKOYAMA, Y.
Origin of meteorites. 10 p1704 A67-22849
Radioactive nuclides induced by solar cosmic radiation in chondrites /Les nuclides radioactifs induits par le rayonnement cosmique solaire dans les chondrites/. 11 p1858 A67-24058
Measurement of the abundance of sodium-24 in the Saint-Severin meteorite /Mesure de l'abondance du sodium 24 dans la meteorite Saint-Severin/. 16 p2754 A67-31790

YONEMITSU, H.
Low noise receiver with helium cooled parametric amplifier. 01 p0023 A67-10469

YONEYAMA, T.
A consideration of the phase center of aperture antennas. 16 p2639 A67-31357

YONEZAWA, T.
Report of Japanese rocket observation of temperatures and winds in the lower part of the high atmosphere in relation to the new CIRA model atmosphere. 12 p1937 A67-25841

YONEZU, H.
Quenching response on a GaAs dual laser. 21 p3640 A67-38261
Injection laser half adder. 24 p4169 A67-42822

YORE, E. E.
Identification of dynamic systems by digital computer modeling in state space. [ASME PAPER 66-WA/AUT-10] 04 p0593 A67-15418
Component parameter identification. 16 p2647 A67-31649

YORINKS, L. H.
A high efficiency dual frequency multimode monopulse antenna feed system. 08 p1300 A67-20681

YORK, E.
Post-flight discomfort in aviators - Aero atelectasis. 09 p1453 A67-21733
Human acceleration experience at the Aerospace Medical Research Department, U.S. Naval Air Development Center-Johnsville - 1 January 1961-30 December 1965. 23 p3953 A67-41590

YORK, J. W.
A method for optically coupling a 5" photomultiplier tube. 24 p4158 A67-42700

YORKE, E. D.
Critical fields $H_{sub c2}$ /T/ and $H_{sub c3}$ /T/ in strong-coupling superconductors. 19 p3303 A67-35042

YOS, J. M.
A new determination of the thermal conductivity of nitrogen plasma. 19 p3287 A67-35358

YOSHIDA, A.
The stress in a helical corrugated tube under axial tension. 05 p0914 A67-16215

YOSHIDA, K.
Beam waveguide consisting of cylindrical conducting reflectors. 21 p3583 A67-38608

YOSHIDA, K.-I.
A class of cylindrical Fabry-Perot resonators. 18 p3060 A67-34024

YOSHIDA, S.
Low noise receiver with helium cooled parametric amplifier. 01 p0023 A67-10469
The structure of the solar plasma flow generated by solar flares. 08 p1377 A67-21360
Calculation of attenuation constant of model helix waveguide. 10 p1606 A67-23064
On the three dimensional structure of the solar plasma flow generated by solar flares. 16 p2739 A67-31415

YOSHIDA, T.
Bonding and packaging techniques. 12 p1951 A67-26214
The characteristic feature of thermal convection in the atmosphere. I. 13 p2116 A67-27460

YOSHIDA, Y.
Excitation of Fabry-Perot resonator. I. 17 p2868 A67-32667
Excitation of Fabry-Perot resonator. II. 17 p2868 A67-32668

- YOSHIHARA, H.**
Gasdynamics of rocket exhaust plumes. 04 p0721 A67-14702
- YOSHIHARA, K.**
Holographic spectra using a triangle path interferometer. 09 p1497 A67-21766
- YOSHIKAWA, S.**
Observation of collisionless electron heating by ion cyclotron waves. 02 p0275 A67-12556
Confinement of plasma heated by ion cyclotron resonance in the C stellarator. 03 p0485 A67-14049
Axisymmetric minimum average B configuration of a triply connected system. 05 p0809 A67-17446
Limitation on ion cyclotron heating in the local mirrors of the C stellarator. 15 p2523 A67-29212
Confinement of energetic plasma in magnetic mirrors in the model C stellarator. 15 p2523 A67-29213
- YOSHIMOTO, H.**
Dispersion relations of moving striations. 15 p2472 A67-29733
- YOSHIMURA, T.**
On the gain adjustment of nonlinear time-variant control systems with random inputs. 05 p0783 A67-16444
A criterion for fatigue fracture under multi-axial alternating stress state. 17 p2960 A67-32632
- YOSHINAGA, H.**
Infrared absorption of localized vibration due to lithium in zinc selenide and cadmium sulfide. 06 p1059 A67-18911
Measurements of the anisotropy of the dislocation resistivity in Au, Ag, and Cu. 07 p1209 A67-19638
Infrared lattice reflection spectra of II-VI compounds. 16 p2724 A67-30603
Experiments on a far infrared CN laser. 16 p2684 A67-30605
- YOSHINAGA, T.**
Preliminary experiments on pebble-bed heater for hypersonic wind tunnel. 05 p0926 A67-16429
- YOSHINO, M. M.**
Atmospheric circulation over the Northwest Pacific in summer. 10 p1677 A67-23499
- YOSHINO, S. Y.**
Adhesive joint strength as function of geometry and material parameters. [SAE PAPER 670856] 24 p4160 A67-42003
- YOSHINO, T.**
Longitudinal magneto-optic effect in ferromagnetic thin films. 05 p0865 A67-16971
Longitudinal magneto-optic effect in ferromagnetic thin films. 05 p0865 A67-16972
- YOSHIO, M.**
Research on theoretical flow-models for externally pressurized gas-bearings. III. 23 p4010 A67-41065
- YOSHIZAWA, Y.**
A Monte Carlo calculation of a chemically reacting gas. 13 p2102 A67-26971
- YOST, E. F.**
Multispectral color aerial photography. 22 p3797 A67-39451
- YOST, V. H.**
Welding skate with computerized torch angle and welding control. 01 p0081 A67-11040
- YOUNG, A. C.**
A computer simulation of the orbital launch window problem. [AIAA PAPER 67-615] 19 p3329 A67-36004
- YOUNG, A. D.**
Similar and asymptotic solutions of the incompressible laminar boundary layer equations with suction. 16 p2657 A67-30613
A set of similar solutions of the compressible laminar boundary layer equations for the flow over a flat plate with unsteady wall temperature. 23 p4082 A67-41246
- YOUNG, A. P.**
Radar data-handling and display systems for use with pulse radars. 04 p0578 A67-15057
- YOUNG, A. T.**
Cosmic ray induced dark current in photomultipliers. 02 p0247 A67-12686
- YOUNG, A. W.**
The endoscope - A new tool for internal viewing. [SAE PAPER 670361] 12 p1945 A67-25881
- YOUNG, C. G.**
Optical avalanche laser. 04 p0633 A67-15100
- YOUNG, D. D.**
An evaluation of four methods of monitoring simultaneous primary and secondary voice messages. 15 p2431 A67-29895
- YOUNG, D. F.**
Oscillations of a sphere in a cylindrical tube containing a viscous liquid. [ASME PAPER 66-WA/UNT-5] 04 p0608 A67-15442
- YOUNG, D. R.**
Development of a standard prolonged work test for the evaluation of fatigue and stress in man. 10 p1600 A67-23817
- YOUNG, D. S.**
The laser as an industrial machining and welding tool. 09 p1504 A67-22140
- YOUNG, F. J.**
The Electromagnetodynamics of Fluids. 20 p3499 A67-36808
- YOUNG, G. O.**
Space-time correlation theory for information-carrying signals. 09 p1461 A67-21603
- YOUNG, H. L.**
Effects of valine on protein synthesis and turnover in *Pseudomonas saccharophila* under "nongratiuitous" inducing conditions. 13 p2058 A67-26584
- YOUNG, J. F.**
Ultraviolet reflectance measurements of possible lunar silicates. 09 p1569 A67-22689
- YOUNG, J. M.**
Positive ion composition of a temperate-latitude sporadic E layer as observed during a rocket flight. 11 p1784 A67-23926
- YOUNG, J. R.**
Comparison of the trigger discharge gauge with an ionization gauge and a partial pressure analyzer. 06 p0950 A67-17749
- YOUNG, J. W.**
Gemini status report. 06 p1094 A67-18198
Experimental comparison of trauma in lateral /plusG sub y/, rearward facing /plusG sub x/, and forward facing /minusG sub x/ body orientations when restrained by lap belt only. 22 p3750 A67-39594
Injury in lateral impact -G/y/ when restrained by aircraft seat belt only. 23 p3954 A67-41595
- YOUNG, J. W., JR.**
Synthesis of a space truss based on dynamic criteria. 03 p0526 A67-13968
- YOUNG, K. M.**
Fluctuations in the plasma of the model stellarator. 08 p1365 A67-21406
- YOUNG, L.**
Design tables for an elliptic-function band-stop filter /N equal 5/. 02 p0214 A67-11779
Multilayer interference filters with narrow stop bands. 07 p1224 A67-19400
Structure, conductivity and Hall effect of electron bombardment evaporated silicon films on sapphire. 11 p1845 A67-24141
Evaporated silicon thin-film transistors. 13 p2083 A67-27573
A comparison of fatigue life and reliability from constant and variable amplitude loading tests. [AHS PAPER 122] 16 p2777 A67-31837
- YOUNG, L. R.**
Adaptive functions of man in vehicle control systems. 07 p1221 A67-19194
Some effects of motion cues on manual tracking. 22 p3755 A67-40087
- YOUNG, M.**
Diffraction by a deeply modulated random-phase screen. 13 p2071 A67-27403
- YOUNG, M. H.**
Space dynamic simulation testing of a lunar landing type Doppler radar system. 02 p0205 A67-12412
- YOUNG, M. I.**
An engineering approximation for the aerodynamic loading of helicopter rotor blades. 06 p0937 A67-17914
Limit cycle torsional motion of helicopter blades due to stall. 06 p0946 A67-17916
The influence of blade flapping restraint on the dynamic stability of low disk loading propeller-rotors. [AHS PAPER 132] 16 p2777 A67-31846
- YOUNG, M. J.**
Variability in estimating total cloud cover from satellite pictures. 17 p2880 A67-32555
- YOUNG, M. R. P.**
Failure mechanisms in silicon transistors deduced from step stress tests. 04 p0584 A67-15482
- YOUNG, P. C.**
Process parameter estimation and self adaptive control. 07 p1159 A67-19195
- YOUNG, P. R.**
Crystallinity index of poly/ethylene terephthalate/ by X-ray diffractometry and differential scanning calorimetry. 04 p0641 A67-14527
- YOUNG, R.**
Observation of the solar flare X-ray emission line spectrum of iron from 1.3 to 20 angstrom units. 20 p3519 A67-37396
- YOUNG, R. A.**
Recombination coefficient of NO super plus with e. 04 p0567 A67-15765
Differential charge-transfer cross section for collisions of H super plus on O sub 2. 07 p1225 A67-19495
The possibility of deducing a value for /NO super plus / super 2 //NO/ from measurements of atomic nitrogen in the upper atmosphere. 07 p1182 A67-19951
- YOUNG, R. D.**
Anomalous work function of the tungsten /110/ plane. 01 p0135 A67-10878
- YOUNG, R. E.**
Magnetic recording of radar data. 02 p0196 A67-12004
- YOUNG, R. L.**
Thermal similarity study of a typical space vehicle element. [AIAA PAPER 66-460] 04 p0724 A67-15247
- YOUNG, W. C.**
A modified method of accelerated fatigue testing. 14 p2402 A67-28815
- YOUNG, W. M.**
Design features of large antennas in space. [AIAA PAPER 66-848] 02 p0221 A67-12258
- YOUNG, W. R.**
Fabrication of a columbium alloy liquid metal loop. 01 p0080 A67-10945
Component performance and flight operations of the X-15 research airplane program. 01 p0011 A67-11341
Operational experience of the X-15 airplane as a reusable vehicle system. 15 p2420 A67-29848
- YOUNG, W. R., JR.**
Optical communication potential. 20 p3381 A67-36566
- YOUNGDAHL, C. K.**
Three-dimensional stress concentration around a cylindrical hole in a semi-infinite elastic body. 05 p0909 A67-16140
- YOUNGER, F. C.**
Adjustment and test of the 300 Mev extraction system for the NASA 600 Mev synchrocyclotron. 20 p3413 A67-36182
- YOUNGER, G. G.**
A method for reliability-cost trade-off analysis. 09 p1572 A67-22306
- YOUNT, T. L.**
Age reduction by built-in-testing /BIT/. [AIAA PAPER 67-268] 07 p1167 A67-20077
Aerospace ground equipment reduction by built-in testing. [AIAA PAPER 67-268] 17 p2834 A67-32590
- YOUSEF, Y. L.**
Surface photopotential of single crystals of cadmium sulphide in an alternating electric field. 01 p0134 A67-10807
- YOUSSEF, H.**
Production and properties of a new porous bearing. 01 p0079 A67-10708
- YOUSSEF, T. E. A.**
Some investigations on the rotating flow with a recirculation core in straight pipes. [ASME PAPER 66-WA/FE-36] 04 p0607 A67-15367
Experimental determination of the velocity and pressure profiles in the combustion zone in a model of a gas turbine combustion chamber. [SAE PAPER 670201] 09 p1561 A67-22545
- YOVANOVICH, M. M.**
Thermal contact conductance of nominally flat, rough surfaces in a vacuum environment. [AIAA PAPER 66-42] 03 p0534 A67-13070
Thermal contact resistance across elastically deformed spheres. [AIAA PAPER 66-461] 05 p0928 A67-17223
- YOVANOVITCH, D. D.**
Search for quarks in cosmic rays. 03 p0506 A67-13261
- YU, J.-S.**
On higher-order diffraction concepts applied to a conducting strip. 23 p3979 A67-40831
- YU, K. K.**
Relations between electrical noise and dislocations in silicon. 11 p1849 A67-24906
- YU, L. T.**
Relations between the chemical and

- electrochemical properties of macromolecular semiconductors /Relations entre proprietes chimiques et electrochimiques de semi-conducteurs macromoleculaires/. 01 p0130 A67-10196
- Conductivity and chemical constitution of macromolecular semiconductors /Conductivite et constitution chimique pe semi-conducteurs macromoleculaires/. 01 p0130 A67-10197
- YU, L.-T.
Thermodynamics of electronic carrier populations in dissociable binary semiconductors /Thermodynamique des populations de porteurs electroniques dans les semi-conducteurs binaires dissociables/. 01 p0130 A67-10198
- YU, L.-Z.
The effect of hydrostatic pressure on the transport properties of InSb. 07 p1231 A67-19061
- YU, M. K.
Numerically controlled milling for making experimental turbomachinery. [SAE PAPER 670096] 09 p1509 A67-22539
- YU, S. Y.
Steady state dynamics of large spinning net configuration structures. 10 p1727 A67-23753
- YU, Y.
DC to DC converter controlled by a magnetically-coupled multivibrator with asymmetrical output. 02 p0183 A67-12117
- YU, Y.-S.
Lateral efflux from flow along a wall into a suction-slot. 10 p1627 A67-23559
- YU, Y.-Y.
Influence of transverse shear and edge condition on nonlinear vibration and dynamic buckling of homogeneous and sandwich plates. 05 p0910 A67-16146
Application of Galerkin's method to the dynamic analysis of structures. 10 p1717 A67-23138
Flexural and extensional vibrations of two-layered plates. 10 p1718 A67-23140
Approximate solutions for frequencies of axisymmetric vibrations of spherical caps. 23 p4073 A67-40617
Torsional vibrations of homogeneous and sandwich spherical caps and circular plates. 23 p4073 A67-40618
Axisymmetric vibrations of homogeneous and sandwich spherical caps. 23 p4075 A67-40667
Dynamics of large flexible space vehicle systems subjected to arbitrary force and motion inputs. 24 p4240 A67-42395
- YUAN, S. W.
Foundations of Fluid Mechanics. 23 p3991 A67-41529
- YUEN, M. C.
Experimental investigation of magnetoaerodynamic flow around blunt bodies. [AIAA PAPER 67-729] 21 p3673 A67-38753
Magnetogasdynamic re-entry phenomena. 24 p4199 A67-42920
- YUEN, P. C.
Seasonal variations in ionospheric total electron content. 10 p1651 A67-23346
- YUHAS, J. M.
Response of the DBA/2J mouse strain to acute ionizing radiation - The biphasic death pattern. 13 p2059 A67-26868
- YUMLU, V. S.
Combustion of hydrogen and oxygen in a steady-flow adiabatic stirred reactor. 18 p3154 A67-33834
- YUO, S.-K.
Low temperature electrical properties of silicon material. 05 p0861 A67-16502
- YUSTEIN, D.
An optical range-gated filtering technique for MTI radar. 08 p1293 A67-20687
- Z**
- ZABABAKHIN, E. I.
Discontinuities of shock adiabats and multivaluedness of some shock-wave compressions /Razryvy udarnykh adiabat i mnogoznachnost' nekotorykh udarnykh szhati/. 16 p2659 A67-31043
- ZABARA, M. IA.
Device for measuring angular velocities. 01 p0062 A67-10164
- ZABAVINA, I. N.
The quasi-static approximation in the

- problem of the diffraction of waves on a sphere /O kvazistaticheskom priblizhenii v zadache difraktsii voln na sfere/. 21 p3580 A67-38121
- ZABELINA, L. G.
Investigation of the injection electroluminescence of p-n junctions in gallium phosphide /Issledovanie in'ektsionnoi elektroluminesentsii p-n-perekhodov v fosfide gallia/. 14 p2368 A67-28531
- Investigation of the injection electroluminescence of p-n junctions in gallium phosphide. 23 p4039 A67-40938
- ZABETAKIS, M. G.
Safety with cryogenic fluids. 15 p2543 A67-29233
- ZABORONOK, G. F.
Certain properties of polycrystalline nonalloyed molybdenum /Nekotorye svoystva polikristallicheskogo nelegirovannogo molibdena/. 05 p0832 A67-17510
Some properties of unalloyed molybdenum. 21 p3644 A67-38038
- ZABRODIN, V. A.
Reversible dekatron counter pulse-to-voltage converter /Reversivnyi dekatronnyi schetchik-preobrazovatel' chisla impul'sov v napriazhenie/. 03 p0425 A67-14265
Reversible dekatron scaler with digital-to-analog conversion. 14 p2321 A67-28777
- ZABUSKY, N. J.
A synergetic approach to problems of nonlinear dispersive wave propagation and interaction. 24 p4125 A67-43093
- ZACEK, F.
Regimes of plasma acceleration in inhomogeneous high-frequency and magnetostatic field in cavity resonator. 14 p2353 A67-27750
- ZACHAROV, I.
Simultaneous balloon and ground measurement of the twilight sky /Mesures simultanees du ciel crepusculaire en ballon et au sol/. 20 p3427 A67-36369
- ZACHARY, D. H.
Further consideration of an optimal control problem. 08 p1312 A67-20722
Finite time optimization of bang-bang control systems. 09 p1483 A67-22609
- ZACHARY, R. A.
Low-light-level television as an aid to nighttime air rescue. 17 p2859 A67-32506
- ZACHARY, W. W.
Branch-cut contribution to the longitudinal electric field in relativistic plasmas. 22 p3854 A67-40319
- ZACHEPITSKAIA, L. P.
Estimation of the effect of a phase-locked automatic control system on the quality of optimum signal processing in the presence of phase distortions /Otsenka vlianiia sistemy fazovoi avtopodstroiki na kachestvo optimal'noi obrabotki signalov pri nalichii fazovykh iskazhenii/. 22 p3761 A67-39762
- ZACHMANOGLU, E. C.
Uniqueness of the Cauchy problem when the initial surface contains characteristic points. 05 p0835 A67-16739
- ZACKAY, V. F.
Structure and high-strength metals. 03 p0442 A67-13303
The strength and toughness of dynamically strain aged alloy steels. 16 p2688 A67-31306
The enhancement of ductility in high-strength steels. 16 p2693 A67-31872
- ZADDE, V. V.
Investigation of certain characteristics of p-n junction photovoltaic energy converters produced by ion bombardment. 04 p0680 A67-15284
- ZEHRINGER, A. J.
The combustion of metallized polymers. [CI PAPER 67-3] 19 p3344 A67-34998
- ZEHRINGER, J.
K-Ar-age determinations on iron meteorites. I - The isotopic composition of primary potassium /K-Ar-Altersbestimmungen an Eisenmeteoriten. I - Die Isotopenzusammensetzung des primären Kaliums/. 02 p0326 A67-12044
K-Ar age determinations on iron meteorites. III - Potassium and argon determinations /K-Ar-Altersbestimmungen an Eisenmeteoriten. III - Kalium-und Argon-Bestimmungen/. 02 p0326 A67-12045
K-Ar-age determinations for iron meteorites. II - Spallation Ar 40 and Ar-40/Ar-38 exposure ages /K-Ar-Altersbestimmungen an Eisenmeteoriten. II - Spallogenes Ar super 40 und Ar super 40 - Ar super 38

- Bestrahlungsalter/. 02 p0326 A67-12308
- Primordial argon and the metamorphism of chondrites. 05 p0886 A67-16025
Total carbon content and primordial rare gases in chondrites. 24 p4236 A67-42641
- ZAEDNYI, A. M.
Terminology in the theory of phase-difference modulation /O terminologii v teorii fazoraznostnoi modulatsii/. 01 p0025 A67-10830
- Terminology in the theory of phase-shift modulation. 10 p1607 A67-23460
- Theory of wideband communication systems /K teorii shirokopolosnykh sistem svyazi/. 16 p2624 A67-31025
- ZAIFAN, S.
Present status of colloid microthruster technology. [AIAA PAPER 67-531] 22 p3867 A67-39200
- ZAGANESCU, F.
Some aerodynamic characteristics of jet-type pneumatic elements /Unele particularitati aerodinamice ale elementelor pneumatice cu jet/. 05 p0791 A67-16378
Wing pivoting on adjustable axes /Aripa pivotanta - cu sageata variabila/. 16 p2590 A67-30839
- ZAGANIACH, IU. I.
Tensometric properties of silicon whiskers and acicular single crystals /Tenzometricheskie svoystva nitevidnykh i igol'chatykh monokristallov kremnia/. 18 p3097 A67-33473
Investigation of the performance of silicon AC strain gages operating in the static and dynamic modes /Issledovanie raboty kremlevykh tenzodatchikov na peremennom toke v staticheskom i dinamicheskom rezhimakh/. 22 p3798 A67-39569
- ZAGATIN, V. I.
Ruby maser operating in the 8 mm range. 24 p4167 A67-42238
- ZAGIK, S. E.
Determination of the recombination coefficient of xenon in a decaying plasma. 02 p0274 A67-12463
Measurement of the capture coefficient of thermalized electrons in oxygen and in air. 02 p0274 A67-12466
Distribution of the plasma density during ionization of a gas in a waveguide by a beam of fast electrons. 09 p1545 A67-22002
Measurement of the sticking probability and recombination factor of electrons in gases by the penetrating radiation method /Izmereniia koefitsientov prilpaniia i rekombinatsii elektronov v gazakh metodom pronikaushchikh izlucheni/. 17 p2893 A67-32139
- ZAGOLOWICZ, J. D.
Determination of the inclination of the quasi-geocentric coordinate system with the aid of artificial earth satellites /Wyznaczenie nachylenia quasigeocentrycznego ukladu wspolrzecznych przy pomocy sztucznych satelitow ziemi/. 20 p3434 A67-37548
- ZAGORODNIKOV, S. P.
Disintegration of the front of direct magnetoacoustic shock waves in a rarefied plasma at high Mach numbers /Razrushenie fronta priamykh magnitnozvukovykh udarnykh voln v razrezhennoi plazme pri bol'shikh chislakh Macha/. 16 p2714 A67-31039
An ionizing shock wave in a rarefied plasma /Ionizatsionnaia udarnnaia volna v razrezhennoi plazme/. 19 p3293 A67-35402
- ZAGORUKO, A. S.
Optimum distribution of mean relative deviations of the parameters of elements in gradual breakdowns /Optimal'noe raspredelenie srednikh otnositel'nykh otklonenii parametrov elementov pri postepennykh otkazakh/. 03 p0389 A67-13090
Method of determining the optimal reliability distribution between individual elements of a system /Metod opredeleniia optimal'nogo raspredeleniia nadezhnosti mezhdu otdel'nymi elementami sistemy/. 06 p1008 A67-18546
Determining the optimal distribution of reliability and individual elements of a system. 22 p3812 A67-39745
- ZAGRIAZHSKII, V. L.
Phase diagram of the system chromium-germanium. 16 p2691 A67-31592
- ZAGULIAEVA, V. A.
Lunar tides in the ionosphere near the magnetic equator /Lunnye prilivy v ionosfere vblizi magnitnogo ekvatora/. 02 p0237 A67-11673

- Lunar tides in the ionosphere in the vicinity of the magnetic equator. 16 p2665 A67-31088
- Relation between S sub q variations and drift in the ionosphere /Sviaz' S sub q - variatsii dreifa v ionosfere/. 16 p2669 A67-31908
- ZAGUSTIN, E. A.**
Stability of an elastic ring in a rigid cavity. [ASME PAPER 67-APM-19] 17 p2958 A67-32406
- ZAHAR, R. V. M.**
High-energy orbits in barred spirals. 23 p4063 A67-40898
- ZAHARIS, E. J.**
High current duoplasmatron ion source with ferrite permanent magnets. 02 p0279 A67-12694
- ZAHN, J.-P.**
Free oscillations of a rotating star /Les oscillations libres d'une étoile en rotation/. 04 p0698 A67-14915
- ZAHN, P.**
Advanced radionuclide generators with thermoelectric transformers /Fortschrittliche Radionuklidgeneratoren mit thermoelektrischen Wandlern/. 04 p0559 A67-15960
- ZAICHENKO, I. U. P.**
Dispersion method of /spontaneous/ subdivision of an image space into compact sets /images/ /Dispersiini metod samovil'nogo /spontannogo/ rozbittia prostoru zobrazen' na kompaktni mnozhini /obrazi/. 03 p0374 A67-13081
- ZAIDEL, A. N.**
Photography in coherent light - Experimental technique and resolution of the method /Fotografirovanie v kogerentnom svete - Eksperimental'naya tekhnika i razreshalushchaya sposobnost' metoda/. 01 p0063 A67-10355
- Laser resolvometry /Lazernaya rezol'vometriya/. 01 p0091 A67-10832
- Laser spark holography with time resolution /Golografirovanie lazernoi iskry s vremennym razresheniem/. 06 p1006 A67-18786
- Spectroscopic studies of a laser spark. I. 09 p1512 A67-22010
- Coherent light photography - Experimental technique and resolving power. 11 p1794 A67-25028
- Time-resolved holography of laser-produced plasmas. 18 p3044 A67-33728
- ZAIDEL, R. M.**
Solution of some two-dimensional problems in gas dynamics in a linear approximation /Reshenie nekotorykh dvumernykh zadach gazodinamiki v lineinom priblizhenii/. 02 p0233 A67-11969
- Approximate linear solutions of some plane gas dynamical problems. 17 p2841 A67-33286
- Development of disturbances in plane shock waves /Razvitiye vozmushchenii v ploskikh udarnykh volnakh/. 24 p4141 A67-41931
- ZAIDELMAN, R. L.**
Increasing the reliability of turbine blades by damping the oscillations /Povyshenie nadezhnosti turbinnykh lopatok dempirovaniem kolebani/. 21 p3715 A67-37831
- ZAIDMAN, G. I.**
Determination of the energy position of the recombination level in a diode base made of thermally hardened silicon /Opredelenie energeticheskogo polozenia rekombinatsionnogo urovnia v baze dioda, poluchennogo iz termozakalennogo kremniia/. 22 p3773 A67-39920
- ZAIDMAN, S. A.**
Effect of alloying conditions on the physical parameters of the base in a planar silicon diode /Vliyanie rezhima vplavleniya na fizicheskie parametry bazy ploskostnogo kremnievogo dioda/. 01 p0039 A67-11053
- Transient processes in semiconductor diodes at high injection levels /K voprosu o perekhodnykh protsessakh v poluprovodnikovykh diodakh na vysokikh urovniakh in'ektsii/. 02 p0223 A67-12677
- Effects of fast neutrons on silicon-alloy p-n junctions. 20 p3508 A67-36402
- Determination of the energy position of the recombination level in a diode base made of thermally hardened silicon /Opredelenie energeticheskogo polozenia rekombinatsionnogo urovnia v baze dioda, poluchennogo iz termozakalennogo kremniia/. 22 p3773 A67-39920
- ZAIKIN, P. N.**
Direct methods of solving optimal-control problems /O priamykh metodakh resheniya zadach optimal'nogo upravleniya/. 13 p2149 A67-27618
- ZAIKOV, R. G.**
Pulsating model of closed universe. 11 p1868 A67-24867
- ZAININGER, K. H.**
Irradiation of MIS capacitors with high energy electrons. 04 p0588 A67-15712
- Instrumentation for the automatic measurement of MIS capacitance vs. bias characteristics. 06 p1002 A67-17979
- A survey of radiation effects in metal-insulator-semiconductor devices. 18 p3012 A67-34345
- An approach to radiation effects in MIS devices. 19 p3306 A67-35676
- ZAINUTDINOV, KH.**
High-voltage generator of rectangular pulses employing thyatrons /Vysokovol'tnyi generator prlamougol'nykh impul'sov na tiratronakh/. 13 p2081 A67-27276
- ZAITSEV, A. A.**
Electron oscillations in a plasma. 04 p0666 A67-15181
- Waves and noise in a positive-column plasma at low pressure /Volny i shumy v plazme polozhitel'nogo stolba pri nizkom davlenii/. 09 p1545 A67-22220
- Waves and noises in the positive-column plasma at low pressures. 18 p3086 A67-33764
- Investigation of moving striations by Langmuir's probe method. 19 p3273 A67-35095
- ZAITSEV, A. E.**
Calculation of parameters of a lunar line. 05 p0775 A67-16958
- ZAITSEV, A. I.**
Quasi-periodic solutions of nonlinear systems of differential equations containing a small parameter /O kvaziperiodicheskikh resheniyakh nelineinykh sistem differentsial'nykh uravnenii, soderzhashchikh малыi paramet'r/. 22 p3827 A67-39304
- ZAITSEV, A. N.**
Variation of the magnetic field at high latitudes from quiet days in the summer of the IGY /Variatsiya magnitnogo polya v vysokikh shirotakh po spokoinym dnyam leta MGG/. 10 p1632 A67-22810
- Magnetic field variations at high latitudes on quiet days in summer during the IGY. 24 p4150 A67-42147
- ZAITSEV, B. N.**
Triggering the detonation of condensed explosives by laser radiation /Vozbuzhdenie detonatsii kondensirovannykh vv izlucheniem opticheskogo kvantovogo generat'ora/. 07 p1195 A67-19315
- ZAITSEV, E. F.**
Magnetic current-pulse generators. 10 p1613 A67-23449
- ZAITSEV, G. G.**
Some special features of the method of testing graphite for fatigue in alternate-reversing bending, and the results obtained. 04 p0641 A67-14599
- ZAITSEV, I. U. I.**
Experimental investigation of the dispersion characteristics of a light amplifier at a wavelength of 3.39 μ /Eksperimental'noe issledovanie dispersionnykh kharakteristik usilitelia sveta na volnu 3.39 mk/. 02 p0191 A67-11576
- Fluctuations in the radiation intensity and frequency of a laser /Fluktuatsii intensivnosti i chastoty izlucheniya opticheskogo generat'ora/. 22 p3815 A67-39738
- ZAITSEV, R. O.**
Boundary conditions and surface superconductivity. 03 p0489 A67-12937
- Electromagnetic properties of superconductors with overlapping bands /Elektromagnitnye svoystva sverkhprovodnikov s perekryvalushchimisya zonami/. 17 p2915 A67-32718
- Properties of superconductors having overlapping bands. 20 p3512 A67-37435
- ZAITSEV, S. F.**
Two modes of operation of a combustion chamber model as a self-oscillating thermoacoustic system /O dvukh rezhimakh raboty model'noi kamery sgoraniya kak termooakusticheskoi avtokolebatel'noi sistemy/. 11 p1884 A67-24958
- ZAITSEV, S. G.**
Thermodynamic and gas dynamic parameters of a low-temperature plasma /Termodinamicheskie i gazodinamicheskie parametry nizkoterturnoi plazmy/. 17 p2894 A67-32148
- Investigation of ionized argon behind a shock wave by an interferometric technique /Issledovaniya ionizirovannogo argona za udarnoi volnoi interferometricheskimi metodom/. 24 p4197 A67-42358
- ZAITSEV, V. P.**
Ball-joint for the adjustment and fixing of mirrors and windows of a gas laser. 06 p1011 A67-18394
- Measurement of absorption in the ionosphere by the A5 method - Equipment - First results. 07 p1174 A67-19706
- ZAITSEV, V. V.**
Mechanism of generation of solar radiation drift flares in the declimeter range /O mekhanizme generatsii dreifulushchikh detektirovnykh vspleskov solnechnogo radiolucheniya/. 06 p1077 A67-18155
- A generation mechanism for drifting declimeter bursts of solar radio waves. 16 p2741 A67-30499
- ZAITSEVA, A. K.**
Study of silicon photocells at high luminous-flux concentrations /Issledovanie kremnievykh fotopreobrazovatelei pri vysokikh kontsentratsiyakh svetovogo potoka/. 13 p2056 A67-27622
- ZAITSEVA, N. A.**
Variations in the long-wave radiation field of the free atmosphere within 7 to 10 hr time periods /Izmeneniye polya dlinnovolnovoi radiatsii v svobodnoi atmosfere v techenie 7-10 chasov/. 07 p1220 A67-19455
- ZAITSEVA, R. D.**
Hardening and softening of nickel alloys containing aluminum oxide. 12 p1955 A67-25365
- ZAITZEFF, E.**
Use of an earth analog in lunar mission planning. 16 p2747 A67-30991
- Use of an earth-analog in lunar mission planning. 22 p3887 A67-40142
- Post-Apollo lunar mission planning. 22 p3888 A67-40144
- ZAITZEFF, E. M.**
Scientific exploration of the moon using a roving vehicle. 08 p1316 A67-21085
- ZAITZEV, O. V.**
Deformation of polymers under friction loads /Deformatsiya polimerov pri friktсионном nagruzenii/. 20 p3473 A67-36842
- ZAJAC, B. J.**
A liquid nitrogen cooled, rocket borne, infrared telescope. 02 p0243 A67-12047
- Results of the first infrared astronomical rocket flight. 08 p1397 A67-21185
- ZAJDE, CH.**
Amplitude and time rapid-selection device associated with semiconductor detectors /Dispositif de selection rapide en amplitude et en temps associe a des detecteurs a semiconducteur/. 01 p0066 A67-10653
- ZAK, E. T.**
Intrinsic to operational reliability and maintainability - A credibility gap/ques/. 18 p3057 A67-34661
- ZAKE, M. V.**
Effect of solid-particle impurities on the electrical conductivity of a high-temperature nitrogen jet /Vliyanie primesi tverdykh chastichek na elektroprovodnost' vysokoterturnoi azotnoi strui/. 09 p1547 A67-22321
- ZAKHARCHENKO, V. F.**
Lunar neutron emission caused by cosmic rays /Neitronnoe izlucheniye luny, vyzvannoe kosmicheskimi luchami/. 05 p0879 A67-16105
- Lunar neutron emission induced by cosmic rays. 24 p4213 A67-42781
- ZAKHAROV, A. M.**
Study of the phase diagram of the W-Zr-Ti ternary system /Issledovanie diagrammy sostoyaniya troinnoi sistemy W-Zr-Ti/. 01 p0093 A67-10291
- Study of the phase diagram of the W-Mo-Ti ternary system /Issledovanie diagrammy sostoyaniya troinnoi sistemy W-Mo-Ti/. 04 p0638 A67-15203
- ZAKHAROV, B. A.**
Features of processes in circuits with diodes and capacitances /Nekotorye osobennosti protsessov v tsepiakh s diodami i emkostyami/. 02 p0209 A67-11509
- ZAKHAROV, I. I.**
Heat resistance of chromium steels subjected to prolonged tests. 06 p1018 A67-18228

- ZAKHAROV, I. U. P.**
Properties of gallium arsenide diode lasers /Svoystva diodnykh kvantovykh generatorov, izgotovlennykh iz arsenida galliya/. 01 p0086 A67-10066
Effect of current injections on the response characteristics of GaAs laser radiation /Vlianie toka inzhetsii na vremennye kharakteristiki izlucheniya PKG na GaAs/. 01 p0087 A67-10083
Concerning the theory of optically coupled GaAs p-n junction lasers. 05 p0814 A67-16390
Properties of diode quantum generators prepared from gallium arsenide. 08 p1339 A67-21449
Effect of injection current on the time dependence of the emission from GaAs lasers. 08 p1340 A67-21460
- ZAKHAROV, I. U. S.**
Noise immunity of a signal detector using the zero register method. 02 p0194 A67-11902
- ZAKHAROV, M. V.**
Softening and recrystallization of deformed niobium during annealing /Razuprochnenie i rekristallizatsiya deformirovannogo niobia pri otzhige/. 22 p3823 A67-40326
- ZAKHAROV, S. D.**
Properties of gallium arsenide diode lasers /Svoystva diodnykh kvantovykh generatorov, izgotovlennykh iz arsenida galliya/. 01 p0086 A67-10066
Properties of diode quantum generators prepared from gallium arsenide. 08 p1339 A67-21449
- ZAKHAROV, V. E.**
Weak-turbulence spectrum in a plasma without a magnetic field. 10 p1686 A67-23597
- ZAKHAROV, V. P.**
Recrystallization of thin semiconductor films under the action of laser radiation /Rekristallizatsiya tonkikh poluprovodnikovyykh plenok pod vozdeystviem izlucheniya lazera/. 03 p0498 A67-13839
Investigation of recrystallization of thin films under electron bombardment. 13 p2177 A67-27071
Recrystallization of thin semiconductor films by exposure to laser radiation. 13 p2185 A67-27720
- ZAKHAROVA, G. V.**
Effect of cold plastic deformation and annealing on the mechanical properties of sheet niobium /Vlianie kholodnoi plasticheskoi deformatsii i otzhiga na mekhanicheskie svoystva listovogo niobia/. 05 p0831 A67-17504
Mechanical properties of niobium and its alloys at low temperatures /Mekhanicheskie svoystva niobia i ego spлавov pri nizkikh temperaturakh/. 05 p0832 A67-17506
Effect of cold plastic deformation and annealing on the mechanical properties of sheet niobium. 21 p3644 A67-38032
Mechanical properties of niobium and niobium alloys at low temperatures. 21 p3644 A67-38034
- ZAKHAROVA, M. I.**
Phase equilibrium in the molybdenum-titanium-zirconium system /O fazovykh ravnovesiyakh v sisteme molibden-titan-tirkoni/. 11 p1808 A67-24856
- ZAKHAROVA, T. P.**
Accumulation of plastic deformations during nonisothermal loading /Nakoplenie plasticheskikh deformatsii pri nagruzhenii/. 19 p3242 A67-34887
- ZAKHEIM, J.**
Study of the functioning of phase-lock systems /Etude du fonctionnement des systemes a "blocage de phase"/. 04 p0585 A67-15614
Refinement of phase-locking systems /Perfectionnement des systemes a "blocage de phase"/. 10 p1620 A67-23508
- ZAKIEV, I. U. E.**
Transverse magnetoresistance of n-type InAs in the ultra-quantum limit. 04 p0681 A67-15293
- ZAKIN, J. L.**
Low-temperature thermal expansivities of polyethylene, polypropylene, mixtures of polyethylene and polypropylene, and polystyrene. 06 p1019 A67-17851
Numerical differentiation of equally spaced and not equally spaced experimental data. 19 p3250 A67-35615
Hot-film anemometry measurements of turbulence in pipe flow - Organic solvents. 24 p4141 A67-41927
- ZAKIROV, G. V.**
Stability of a three-layer conical shell under external pressure /Ob ustoychivosti trekhslonoi konicheskoi obolochki pri vneshnem davlenii/. 12 p2025 A67-25609
- ZAKIROVA, A. R.**
Calculation by the Monte Carlo method of the radiation shift in a homogeneous diffusion sphere with a central point source /Raschet perenosha izlucheniya v odnorodnoi rasselvalushchey sfere s tsentral'nyim tochechnym istochnikom metodom Monte-Karlo/. 05 p0838 A67-16491
Calculation of the radiation transport in a homogeneous scattering sphere with a central point source by the Monte Carlo method. 13 p2155 A67-26346
- ZAKIROVA, R. M.**
Complex effect of accelerations and ionizing radiations on conditioned reflexes of rats /Kompleksnoe deystvie uskoreniy i ioniziruyushchikh izlucheni na uslovnyye refleksy krysa/. 23 p3943 A67-40772
- ZAKKAY, V.**
Laminar, transitional, and turbulent flow with adverse pressure gradient on a cone-flare at Mach 10. 06 p0943 A67-18844
[AIAA PAPER 66-493]
An experimental and theoretical investigation of the turbulent far wake. 08 p1277 A67-20577
- ZAKLIAZMINSKII, L. A.**
Nonlinear effect of the formation of a self-sustaining high-temperature electrically conducting gas layer in unsteady MHD processes /Nelineyniy effekt obrazovaniya samopodderzhivayushchegosia vysokotemperaturnogo elektroprovodnogo sloia gaza v nestatsionarnykh protsessakh magnitnoi gidrodinamiki/. 14 p2355 A67-27839
- ZAKLIKIEWICZ, A.**
Measurement of the noise coefficient of transistors in the frequency range from 1 kHz to 1.5 MHz /Pomlary wspolczynnika szumow tranzystorow w plasmie czestotliwosci 1 kHz - 1.5 MHz/. 02 p0224 A67-12799
- ZAKREWSKII, S. V.**
Certain effects of the interaction between a ruby laser beam and "transparent" crystals /Nekotorye efekty vzaimodeystviya puchka rubinovogo lazera s "prozrachnymi" kristallami/. 03 p0435 A67-13128
Generation on CdS sub x - CdSe sub 1 sub -x mixed crystals in the presence of excitation by ruby laser emission /Generatsiya na smeshannykh kristallakh CdS sub x - CdSe sub 1 sub -x pri vozbuzhdenii izlucheniem rubinovogo OKG/. 03 p0436 A67-13153
Generation in mixed CdS sub x - CdSe sub 1-x crystals excited with ruby laser radiation. 10 p1664 A67-23102
Mechanism of generation of laser emission in CdS sub x - CdSe sub 1 sub -x crystals in the presence of two-photon excitation /O mekhanizme generatsii lazernogo izlucheniya v kristallakh CdS sub x - CdSe sub 1 sub -x pri dvukhfotonnom vozbuzhdenii/. 14 p2331 A67-28534
Mechanism of generation of laser radiation in CdS sub x - CdSe sub 1 sub -x crystals in the case of two-photon excitation. 23 p4040 A67-40941
- ZAKRZEWSKI, Z.**
A method of determination of plasma parameters based on measurements of reflection coefficient. 06 p1041 A67-18187
Electromagnetic properties of flame plasma. 08 p1359 A67-21045
Microwave methods of isotropic plasma diagnostics. 17 p2901 A67-32349
- ZAKSON, M. B.**
Plane antennas with randomly spaced radiators. 05 p0775 A67-16963
- ZALESKII, V. K.**
Two-dimensional zero-moment problem of a helicoidal shell in asymptotic lines /Dvumernaya bezmomentnaya zadacha dlia gelikoidal'noi obolochki v asimptoticheskikh liniakh/. 05 p0915 A67-16221
- ZALETAEV, V. M.**
Temperature field of the elements of thin-walled surfaces of satellites during radiant heat exchange. 07 p1265 A67-19104
- ZALESKI, E.**
Optical methods of investigating the uniformity of ruby single crystals /Optyczne metody badan jednorodnosci monokrysztalow rubinu/. 18 p3098 A67-33576
- ZALITE, B. R.**
Biological macromolecule detection by use of a thiocarbocyanine dye. 15 p2426 A67-29115
- ZALIUBOVSKII, I. I.**
Radio emission of extensive air showers /EAS/ of cosmic rays. 12 p1940 A67-25337
- ZALKIND, V. M.**
Investigation of plasma capture in a covered collector /Issledovanie zakhvata plazmy v zamknutoi lovushke/. 15 p2529 A67-29717
Measurement of the polarization of a plasma in a closed trap. 20 p3497 A67-36681
- ZALLEN, R.**
Effect of pressure on interband reflectivity spectra of germanium and related semiconductors. 13 p2179 A67-27158
- ZALOGIN, N. N.**
Oscillations in a beam generated plasma. 09 p1546 A67-22282
- ZALOGUER, S. N.**
Problem of spacecraft habitability /K probleme obitaemosti kosmicheskikh korabel/. 13 p2061 A67-26754
- ZALOUDEK, F.**
Interband-Faraday effect in CdTe single crystals. 04 p0676 A67-14933
- ZAMBRAN, A. P.**
Small oscillations of a viscous liquid-metal droplet in the presence of a magnetic field /Malye kolebania vliakoi zhidkometallicheskoj kapli pri nalichii magnitnogo polya/. 01 p0120 A67-10182
Capillary rising in magnetohydrodynamics /O kapillarnom podniiatii v magnitnoi gidrodinamike/. 06 p1044 A67-18881
Oscillation of a liquid metal sphere in a dielectric medium in the presence of a constant magnetic field /Kolebania zhidkometallicheskoj sfery v dielektricheskoj srede pri nalichii postoiannogo magnitnogo polya/. 21 p3665 A67-38245
- ZAMES, G.**
On the input-output stability of time-varying nonlinear feedback systems. II - Conditions involving circles in the frequency plane and sector nonlinearities. 01 p0046 A67-11208
On cross-correlation bounds and the positivity of certain nonlinear operators. 15 p2457 A67-29373
On the stability of systems with monotone and odd monotone nonlinearities. 15 p2457 A67-29374
- ZAMFIRESCU, N. R.**
Hemodynamic modifications produced by posture variations - Influence of the anti-G suit and of tourniquets /Modifications hemodynamiques produites par les variations de posture - Influence du costume anti-G et des tourniquets/. 16 p2616 A67-30754
- ZAMFIRESCU, T.**
On 1-simplicial convexity in vector spaces. 24 p4179 A67-42729
- ZAMIR, M.**
Similar and asymptotic solutions of the incompressible laminar boundary layer equations with suction. 16 p2657 A67-30613
- ZAMITES, C. J.**
Shaped-beam antennas for satellites. 02 p0212 A67-11606
- ZAMITES, C. J., JR.**
Wavemeter gives 10-MHz resolution at 100 GHz. 06 p0972 A67-18835
Calibration and stability of a millimeter confocal wavemeter. 09 p1470 A67-21625
- ZAMORSKII, A. D.**
Satellites, twilight, and indirect atmospheric sounding /Sputniki, zaria i kosvennyi zondazh atmosfery/. 04 p0617 A67-15475
Assessment of cloudiness by observations from a single point /Opredelenie oblachnosti po nabludeniiam iz odnogo punkta/. 04 p0652 A67-15476
- ZAMPINI, J. J.**
Microelectronic frequency discrimination techniques. 14 p2282 A67-28024
- ZAMRIK, S. Y.**
Radiation effects on creep rupture and fatigue strength of pure aluminum. 13 p2133 A67-27090
- ZANDBERG, E. IA.**
Applicability of the Saha-Langmuir equation to the temperature dependence of the positive-ion current in surface ionization of atoms on silicon. 09 p1554 A67-22006
Thermionic properties of rhenium and some refractory metals. 19 p3264 A67-35082
Surface ionization of atoms and molecules

- on nonmetals. 19 p3264 A67-35083
- ZANDER, I. U. K.**
Experimental study of a mercury flow under the action of a traveling magnetic field /Eksperimental'noe issledovanie tekhenia rtuti pod delstviem begushchego magnitnogo polia/. 21 p3666 A67-38249
- ZANDMAN, F.**
The transfer-grid method, a practical moire stress-analysis tool. 17 p2855 A67-32456
- ZANEMONETS, V. F.**
Method and apparatus for the rapid determination of the thermal diffusivity of refractory materials over a wide temperature range. 10 p1621 A67-22828
- ZANETTI, R.**
On the geometry of radiative atmospheric space. 06 p1025 A67-17637
- ZANIO, K.**
Transport properties of semi-insulating CdTe using nuclear particles. 19 p3308 A67-36101
- ZANNETTI, M.**
Stationary regimes of a plasma diode. 22 p3774 A67-40322
- ZANONI, C. A.**
Compensation for the lateral color aberration produced by the atmosphere. 06 p1033 A67-18535
- ZANSTRA, H.**
On the inadequacy of physical laws for phenomena of matter. 18 p3077 A67-33500
- ZAPALAC, J. J.**
Realization of a suboptimal controller by off-line training techniques. 16 p2648 A67-31653
- ZAPATA, R. N.**
Low Reynolds number effects on hypersonic flow over a two-dimensional cylinder. 14 p2242 A67-28174
- ZAPESCHNYI, I. P.**
Absolute excitation cross sections of helium levels by low-energy electrons /Ob absolutnykh secheniyakh vzbuzhdeniya urovnei gellia elektronami mal'kikh energii/. 02 p0270 A67-12487
Absolute cross sections for excitation of helium levels by low-energy electrons. 10 p1682 A67-23355
Absolute cross sections of excitation by low-energy electrons for the atomic levels of alkaline metals /Absolютnye secheniya vzbuzhdeniya urovnei atomov shchelochnykh metallov elektronami mal'kikh energii/. 11 p1822 A67-24018
- ZAPHIROPOULOS, R.**
Design considerations for vacuum systems with built-in getter ion and sublimation pumps. 09 p1503 A67-22113
- ZAPOLSKY, H. S.**
Theoretical high-pressure equations of state including correlation energy. 18 p3104 A67-34594
- ZAPOROWSKI, B.**
Generation of a low-temperature plasma in a combustion chamber /Poluchenie nizkoterperaturnoi plazmy v kamere sgoraniya/. 17 p2833 A67-32167
- ZAPOROZHETS, G. I.**
Investigation of a first-order homogeneous equation not solved for the derivative. 03 p0459 A67-13587
- ZAPOROZHETS, O. I.**
Relaxation damping maxima in plastically deformed molybdenum and niobium single crystals. 08 p1387 A67-20419
- ZAPPA, O. L.**
Aerothermostructural design of a flight capsule system entering low density Mars atmosphere. 01 p0156 A67-11432
- ZAPPALA, R. R.**
Polarization of HD 71866. 04 p0697 A67-14759
- ZAPRIANOV, Z. D.**
Supersonic flow of a hot gas mixture past a sphere /Sverkhzvukovoe obtekanie sfery goruchel smesi'lu gazov/. 03 p0349 A67-12864
Investigation of the supersonic flow past axisymmetric bodies of various configuration /Issledovanie sverkhzvukovogo obtekania osesimmetrichnykh tel razlichnoi formy/. 14 p2239 A67-27991
Transition of the supersonic flow of a combustible gas mixture to a Chapman-Jouguet regime /O perekhode sverkhzvukovogo tekhenia goruchel smesi' gazov k rezhimu Chepmana-Zhughe/. 18 p3028 A67-34214
Numerical investigation of supersonic flow over flat and axisymmetric blunt bodies at M equals infinity and gamma greater than 1 /Chislennoe issledovanie sverkhzvukovogo obtekania ploskikh i osesimmetrichnykh zatuplennykh tel pri M equals infinity i gamma greater than 1/. 22 p3741 A67-40026
- ZAR, J. L.**
A large experimental superconducting magnet for MHD power generation. 22 p3749 A67-40399
- ZARATKIEWICZ, E. A.**
Thick-film technology. 08 p1301 A67-20790
- ZARDECKI, A.**
Partial polarization in three theories of electromagnetic diffraction at an aperture. 06 p1033 A67-18541
- ZARE, R. N.**
Dissociation of H sub 2 super plus by electron impact - Calculated angular distribution. 20 p3487 A67-36231
- ZAREK, J. M.**
The neglected parameters in pulsating flow measurement. 03 p0403 A67-13767
- ZAREMBA, V. K.**
Contribution to the theory of a compensating gyroazimuth /K teorii kompensatsionnogo giroazimuta/. 18 p2870 A67-30467
- ZARET, M. M.**
Ophthalmic effects associated with ionizing and nonionizing electromagnetic radiation fields. 16 p2611 A67-30769
- ZARETSKY, E. V.**
The changing technology of rolling-element bearings. 01 p0079 A67-10726
Studies of rolling-element lubrication and fatigue life in a reduced pressure environment. 14 p2326 A67-28795
[ASLE PREPRINT 67AM 8A-3] 24 p4163 A67-42679
- ZARGHAMEE, M. S.**
A numerical method for analysis of free vibration of spherical shells. 15 p2577 A67-30193
- ZARIANKIN, A. E.**
A note on calculating losses in diffuser elements. 04 p0548 A67-15600
- ZARICHNIAK, I. U. P.**
Possible structure of the surface layer of the moon /O vozmozhnoi strukture poverkhnostnogo sloia luny/. 02 p0322 A67-11587
- ZARITSKAIA, Z. V.**
Approximation of functions of many variables by Bernstein polynomials /O priblizhenii funktsii mnogikh polinomami S. N. Bernsteina/. 04 p0646 A67-15258
- ZARITSKII, V. S.**
Determination of the probability that a one-dimensional Markov process will not reach fixed boundaries /Opredelenie verolnostei nedostizheniya odnomernym Markovskimi protsessom fiksirovannykh granits/. 16 p2696 A67-30920
A method of determining the probability of tracking interruption in radio range finding devices /radar/. 21 p3585 A67-38815
- ZARKADES, A.**
The anisotropy of Knoop hardness in unalloyed titanium sheet. 18 p3068 A67-34583
[ASTM PAPER 53]
- ZARKHIN, V. I.**
High-sensitivity radio-frequency mass spectrometer for research on the ionic and neutral composition of the upper atmosphere. 12 p1941 A67-25651
- ZARKOVA, L. P.**
Experimental determination of the heat conductivity coefficient of a cesium plasma /Eksperimental'noe opredelenie koeffitsienta teploprovodnosti tsezlevoi plazmy/. 17 p2895 A67-32156
Experimental study of thermal conductivity coefficient of cesium plasma. 19 p3287 A67-35359
- ZAROSSKII, R. I.**
Stability of the solution of a functional equation in dynamic programming /Ob ustoiichivosti resheniya funktsional'nogo uravneniya dinamicheskogo programmirovaniya/. 09 p1524 A67-21874
- ZAROWIN, C. B.**
New visible CW laser lines in singly-ionized chlorine. 01 p0089 A67-10373
Quasi-CW, high numerical aperture, inductively excited ion laser. 20 p3458 A67-36387
- ZARRAGA, M. N.**
Convection in horizontal layers with internal heat generation - Experiments. 24 p4255 A67-42563
- ZARUBIN, L. I.**
Electrical properties of Au-doped CdSb at low temperatures /Elektricheskie vlastivosti CdSb, legovanogo Au, pri niz'kikh temperaturakh/. 14 p2372 A67-28757
Properties of compensated p-type CdSb single crystals /Vlastivosti kompensovannykh monokristallov CdSb p-tipu/. 21 p3678 A67-37868
- ZARUBIN, V. S.**
Temperature Fields in the Structure of Aircraft and Space Vehicles /Temperaturnye Polia v Konstruktsii Letatel'nykh Apparatov/. 04 p0723 A67-15010
- ZARUDI, M. E.**
Frequency methods for determining the dynamic parameters of a DC arc /Chastotnye metody opredeleniya dinamicheskikh parametrov dugi postoiannogo toka/. 09 p1547 A67-22323
- ZARYBNICKY, V.**
A general solution of linearized equations for wave phenomena in plasma. 14 p2353 A67-27754
- ZARZYCKI, R.**
Calculation of the results of the modeling of measuring instruments on the ZAM-2 computer /Obliczanie wyników wzorcowania przyrzadów pomiarowych na maszynie matematycznej ZAM-2/. 04 p0621 A67-14918
- ZASETSKII, V. V.**
The lunar ultraviolet spectrum in the range of 2850-3550 angstrom units according to the data obtained from the Zond 3 automatic space probe. 18 p3122 A67-34141
- ZASIMCHUK, E. E.**
Effect of the degree of strain on the kinetics of recrystallization of nickel and niobium monocrystals /Vliianie stepeni deformatsii na kinetiku rekristallizatsii monokristallov nikelia i niobia/. 01 p0101 A67-10940
Prospects of raising the heat resistance of materials based on refractory metals. 16 p2691 A67-31589
Effect of degree of deformation on the recrystallization kinetics of nickel and niobium single crystals. 22 p3820 A67-39793
- ZASIMCHUK, I. K.**
Effect of the concentration of silicon on the substructure of aluminum monocrystals /Vliianie kontsentratsii kremnia na substrukturnu monokristallov aluminia/. 05 p0827 A67-16075
- ZASLAVSKII, B. I.**
Unsteady transonic flow past a corner /Ob obtekanii ugla nestatsionarnym okolozvukovym potokom/. 11 p1743 A67-24962
- ZASLAVSKII, G. M.**
Stability of a plasma with fluctuating parameters /Ob ustoiichivosti plazmy pri nalischi fluktuatsii parametrov/. 06 p1045 A67-18790
Destruction of magnetic surfaces by magnetic field irregularities. 10 p1686 A67-23468
Wave transformation in a medium with random inhomogeneities /Transformatsiya voln v srede so sluchainymi neodnorodnostiami/. 11 p1842 A67-24953
Stochastic instability of nonlinear oscillations /Stokhasticheskaia neustoiichivost' nelineynykh kolebaniy/. 16 p2702 A67-30447
Stability of plasma in the presence of fluctuating parameters. 18 p3086 A67-33732
- ZASTENKER, G. N.**
Results of experiments on the first artificial satellite of the moon, aimed at detecting a lunar ionosphere /Rezultaty eksperimentov po obnaruzheniiu lunnoi ionosfery, provedennykh na pervom iskusstvennom sputnike lunny/. 03 p0513 A67-14066
Results of an experimental study of plasma in circumlunar space with the aid of charged particle traps of the first artificial lunar satellite /Rezultaty eksperimentov po izucheniiu plazmy v okololunnom prostranstve s pomoshch'yu lovshek zaryazhennykh chastits na pervom iskusstvennom sputnike lunny/. 05 p0875 A67-16054
Study of plasma in the neighborhood of the moon using charged-particle traps on the first lunar artificial satellite. 21 p3697 A67-37841
- ZATRAVKIN, N. A.**
Recorder of the trajectory of motion of a

- gyro pendulum /Registrator traektorii dvizheniya gromalatnika/. 06 p1003 A67-18177
- ZATSEPIN, G. T.**
Calculation of neutron production by muons at different depths
underground. 02 p0312 A67-12607
Absorption curve and energy spectrum of muons in the high-energy range /Krivaya pogloshcheniya i energeticheskii spektr mionov v oblasti vysokikh energii/. 02 p0317 A67-12775
Interaction between solar neutrinos and electrons /Vzaimodelstvie solnechnykh neitronov s elektronami/. 02 p0317 A67-12776
Absorption curve and energy spectrum of muons in the high energy region. 22 p3877 A67-40277
Interaction of solar neutrinos with electrons. 22 p3877 A67-40278
- ZATSEPIN, V. I.**
Search for 10 super 13 ev photons from local radio sources. 02 p0311 A67-12587
Investigations of primary cosmic radiation by the Electron 2 and Electron 4 satellites. 12 p1998 A67-25827
Electron energy spectrum in a galactic cosmic-ray flux /Energeticheskii spektr elektronov v potoke galakticheskikh kosmicheskikh luchei/. 23 p4054 A67-41095
- ZATURSKA, M. B.**
The dependence of flame ignition on transport properties and chemical kinetic parameters. 02 p0342 A67-12030
Flame ignition from a spherical hot gas pocket. 06 p1114 A67-18189
- ZATYKA, H.**
Method of preparing resistance spot-welded adhesive bonds using thermosetting adhesives /Metoda wykonywania zlaczy klejono-zgrzewanych z zastosowaniem klejow konstrukcyjnych utwardzanych na goraco/. 09 p1502 A67-21688
Electron-beam welding /Spawanie strumieniem elektronow/. 22 p3812 A67-39541
- ZAUDERER, B.**
Electrical characteristics of linear Hall and Faraday generators at small Hall parameters. 08 p1283 A67-20578
Experimental study of the relaxation process and the magnitude of non-thermal ionization in an MHD generator. 09 p1540 A67-21790
Experimental study of the Hall voltage in a large Hall parameter, linear MHD generator. 12 p1898 A67-25387
Electrical characteristics and loss mechanisms of a non-equilibrium linear MHD generator. 16 p2602 A67-30558
Discharge structure and stability of a linear, nonequilibrium magnetohydrodynamic channel. [AIAA PAPER 67-718] 21 p3673 A67-38744
- ZAULICHNYI, E. G.**
Turbulent boundary layer in the presence of surface chemical reactions /applicable to carbon surfaces/ /Turbulentnyi pogranichnyi sloi pri nalichii khimicheskikh reaktsii na poverkhnosti /primenitel'no k uglerodnym poverkhnostiam/. 24 p4252 A67-41935
- ZAVADOVSKAIA, E. K.**
Kinetics of stored-energy buildup in alkali halide crystals after irradiation by protons /Kinetika nakopleniya zapasennoi energii v shchelochno-galoidnykh kristallakh posle oblucheniya protonami/. 01 p0136 A67-11050
Heat of formation of solid solutions and energy stored in them during irradiation by protons /Teplota obrazovaniya tverdykh rastvorov i energiya, zapasennaya v nikh pri obluchenii protonami/. 01 p0136 A67-11051
- ZAVADOVSKII, A. Z.**
Analysis of a tuned amplifier with a nonunidirectional active network as the amplifying element. 04 p0586 A67-15670
- ZAVALKO, A. G.**
Determination of the angle of departure of a flow from annular turbine cascades /Viznachennia kuta vikhodu potoku iz kiltsevykh turbinnikh reshitok/. 21 p3564 A67-37914
- ZAVARITSKAIA, E. I.**
Contact effects in the degenerate semiconductors at low temperature. 06 p1069 A67-18976
- ZAVARITSKII, N. V.**
Contact effects in the degenerate semiconductors at low temperature. 06 p1069 A67-18976
Phonon spectrum of the superconducting modification of bismuth. 21 p3685 A67-38801
- ZAVARZIN, G. A.**
On the possibility of protracted anabiosis in microorganisms. 15 p2427 A67-29118
- ZAVARZINA, I. F.**
Rarefied-gas flow past a sphere /Obtekanie sfery potokom razrezhennogo gaza/. 09 p1438 A67-22216
Experimental investigation of the flow of a rarefied gas past a sphere /Eksperimental'noe issledovanie obtekanija sfery potokom razrezhennogo gaza/. 16 p2656 A67-30453
Flow of a rarefied gas past a sphere. 18 p2982 A67-33755
- ZAVETOVA, M.**
Simple device for measuring the influence of uniaxial pressure on the transmission factor of semiconductors /Jednoduchy pripravek na mereni vlivu jednooseho tlaku na propustnost polovoducu/. 09 p1551 A67-21657
- ZAVIALOV, E. S.**
Tracking activity of a human operator under the effect of certain space flight factors /Delatel'nost' cheloveka-operatora v rezhime slezheniya pri vozdeistvii nekotorykh faktorov kosmicheskogo poleta/. 20 p3368 A67-36265
- ZAVIANTSEFF, V. T.**
Detection efficiency of a continuous channel electron multiplier for positive ions. 23 p4000 A67-41219
- ZAVODNI, J.**
Adaptation to increased oxygen tension at ambient pressures. 23 p3950 A67-41538
- ZAVODY, A. M.**
Absorption and scintillation effects at 3mm wavelength on a short line-of-sight radio link. 14 p2274 A67-28923
- ZAWADSKI, A.**
Direct method of showing the existence of extensive air showers due to primary photons /Sur une methode directe demontrant l'existence des grandes gerbes de l'air dues a des photons primaires/. 19 p3316 A67-35796
- ZAWADZKI, A.**
Absolute flux of hypothetical primary cosmic photons with energies of 10 super 15 EV /Sur le flux absolu d'hypothetiques photons cosmiques primaires d'energie 10 super 15 EV/. 09 p1562 A67-22559
- ZAWADZKI, W.**
Nonlinear magneto-optics of electrons and holes in semiconductors and semimetals. 10 p1689 A67-23075
- ZAWICKI, I.**
Classification of measurement data by means of learning machines /Klasyfikacja danych pomiarowych za pomoca maszyn uczacych sie/. 10 p1654 A67-22757
- ZAYED, K. E.**
On the spectrum of longitudinal plasma oscillations. 12 p1970 A67-25255
- ZBORIL, F. R.**
Aircraft antennas. 03 p0383 A67-13795
- ZBROZEK, J. K.**
Transient buffet loads on wings. 13 p2215 A67-26533
- ZDANAVICIUS, K.**
The spectra broadening mechanism on the 48-cm reflector of the Vilnius observatory /Mekhanizm rasshirenija spektrov na 48 cm reflektore vil'niusskoi observatorii/. 18 p3044 A67-33659
- ZDANOWICZ, L.**
Preparation and electric properties of thin Cd sub 3 As sub 2-films deposited by thermal evaporation in vacuum. 19 p3305 A67-35577
- ZDOBNOVA, L. I.**
The mechanical properties of welded compositions of some aluminum alloys at low temperatures /Mekhanicheskie svoystva svarnykh soedinenii nekotorykh aluminievyykh splavov pri nizkikh temperaturakh/. 17 p2873 A67-32769
- ZDORNOVA, E. A.**
Experimental investigations of gain fluctuations in transistors. 02 p0213 A67-11646
- ZDUNKEVICH, M. D.**
Electrical conductivity of air in the temperature range from 1000 to 20,000 deg K. 04 p0664 A67-14777
- ZDUNKOWSKI, W. G.**
Black-ball radiation tables and radiative equilibrium temperatures computed through their use. 05 p0838 A67-17277
- ZEBAL, G. P.**
Ecological patterns of micro-organisms in desert soils. 15 p2426 A67-29112
Applications of capillary microscopy in exobiological research. 19 p3179 A67-35205
A preliminary synthesis of the geology of Mars. 19 p3323 A67-35334
- ZECH, G.**
Determination of the astronomical unit by the dynamical method. 15 p2555 A67-29577
- ZECH, R. G.**
Holographic synthesis of computer-generated holograms. 07 p1188 A67-19796
A posteriori image-correcting "deconvolution" by holographic Fourier-transform division. 20 p3435 A67-36204
- ZECHMAN, F. W.**
Plethysmographic determination of leg volume changes during lower body negative pressure. 23 p3955 A67-41619
Radiographic studies of the chest during changes in posture and lower body negative pressure. 23 p3956 A67-41625
- ZECHMAN, F. W., JR.**
Perception of added airflow resistance in humans. 07 p1133 A67-19478
- ZEE, C.-H.**
Finite-thrust explicit guidance law for nearly circular orbital rendezvous. 05 p0906 A67-17208
- ZEEMAN, P. B.**
Airglow and enhanced penetrating electromagnetic radiation in the southern radiation anomaly. 12 p1996 A67-25775
- ZEFF, J. D.**
GAT-O-SORB -A regenerable sorbent for carbon dioxide control. [SAE PAPER 670844] 24 p4115 A67-41997
Fecal waste management unit. [SAE PAPER 670852] 24 p4115 A67-42001
- ZEFT, H. J.**
Detailed study of contaminant production in a space cabin simulator at 760 mm of mercury. 15 p2430 A67-29278
Contaminant concentrations in a space cabin simulator at 258 mm Hg. 23 p3964 A67-41559
- ZEGER, A. E.**
Dynamic range positioning for minimal probability of excluding a randomly distributed signal. 01 p0023 A67-10486
- ZEGLER, S. T.**
Superconductivity in aged zirconium-niobium /columbium/ alloys. 05 p0828 A67-16469
- ZEGLIO, L. E.**
Determination of the limits of correct operation of the comparison and decision circuits in an Akima-model band-subdivision demodulator /Determinazione dei limiti di corretto funzionamento dei circuiti di confronto e decisione in un demodulatore a suddivisione di banda secondo il modello di Akima/. 18 p3002 A67-34222
- ZEH, D. W.**
Heat transfer and binary diffusion with thermodynamic coupling in variable-property forced convection on a flat plate. 06 p1116 A67-18380
Effect of uncertainties in transport properties on prediction of stagnation-point heat transfer. 17 p2793 A67-33025
- ZEH, H. D.**
The disintegration of heavy nuclei at elevated temperatures /Der Abbau schwerer Kerne bei hohen Temperaturen/. 20 p3490 A67-37553
- ZEH, W.**
Low density shear resistant ablaters for lifting reentry vehicles. 10 p1672 A67-23725
Design problems associated with complex reentry vehicles. 22 p3902 A67-39938
- ZEHNER, S. P.**
Third-order elastic constant C sub 111 in NaCl and KCl. 07 p1238 A67-20218
- ZEHR, E.**
Methods for space propulsion system evaluation. [AIAA PAPER 66-976] 02 p0305 A67-12298
- ZEIDENBERGS, G.**
Si-GaP heterojunctions. 06 p1051 A67-18223
- ZEIDLER, G.**
Anomalous temperature-dependence of the threshold of a quasi-continuously operated ruby laser /Eine anomale Temperaturabhaengigkeit der Schwelle bei einem Quasikontinuierlich betriebenen Rubinlaser/. 15 p2498 A67-29665
Estimation of the temperature gradient in steady-state thermally operated solid-state lasers /Abschaetzung des Temperaturgradienten in thermisch stationaer betriebenen

- Festkoerperlasern/. 18 p3059 A67-33714
Investigation of the emission of a 50-Hz
ruby pulse laser /Untersuchung der
Emission eines
50-Hz-Rubin-Pulslasers/. 23 p4016 A67-41153
- ZEIGER, H. J.
Sulfur donors in silicon - Infrared
transitions and effects of calibrated uniaxial
stress. 06 p1061 A67-18924
- ZEIGER, S. G.
Number of generating modes in solid-body
lasers using a traveling wave and standing
wave /O chisle generirulushchikh mod v
tverdotel'nykh okg begushchel i stoichel
volny/. 01 p0086 A67-10069
Competition of two types of oscillations in
a traveling-wave laser /Konkurentsiia dvukh
tipov kolebaniy v opticheskoy kvantovoy
generatore begushchel volny
/GBV/. 01 p0089 A67-10362
Competition between two types of
oscillation in a traveling wave laser
/TWL/. 06 p1009 A67-17620
Concerning the number of modes
generated in solid state lasers by travelling
and standing waves. 08 p1339 A67-21452
- ZEINALOV, S. A.
Cryostat with a metallic holder for
measuring the galvanomagnetic effects in
semiconductors /Kriostat s metallicheskim
derzhatelem dlia izmereniia
gal'vanomagnitnykh effektov v
poluprovodnikakh/. 16 p2730 A67-31158
Metallic device for studying
galvanothermoelectric effects in
semiconductors /Metallicheskiy pribor dlia
issledovaniia gal'vanotermomagnitnykh
iavlenii v
poluprovodnikakh/. 19 p3228 A67-34989
- ZEITMAN, M. F.
Nonlinear oscillations of elastic pendulums
with elastic couplings /Nelineinye kolebaniia
uprugikh malatnikov s uprugimi
svyazami/. 03 p0469 A67-14161
- ZEK, W.
Ablators for severe reentry
environments. 22 p3826 A67-39887
- ZELBY, L. W.
Models for electron emission from metals
with adsorbed
monolayers. 24 p4202 A67-42087
- ZELDIS, V. I.
Acoustic and radio-wave backscattering
with irregular ripples /Obratnoe rasselanie
zvukovykh i radiovoln neregularnoi
rliab'iu/. 19 p3185 A67-36018
- ZELDOVICH, B. IA.
Laser radiation field focused by real
systems. 18 p3061 A67-34439
- ZELDOVICH, IA. B.
Neutrinos and gravitons in the anisotropic
model of the universe. 10 p1708 A67-23334
Physics of relativistic
collapse. 11 p1858 A67-24013
Creation of galaxies in an expanding
universe /Vozniknovenie galaktik v
rasshiriaushchetsia
vselennoi/. 15 p2551 A67-29138
Cosmological deductions from observations
of quasi-stellar sources. 18 p3119 A67-33856
The origin of galaxies in an expanding
universe. 24 p4239 A67-43061
- ZELDOVICH, Y. B.
The hot model of the universe and the
elementary particles. 15 p2555 A67-29640
- ZELENA, J. S.
Effects of film nonlinearities in
holography. 23 p4002 A67-41269
- ZELENIKOV, A. A.
Frequency stability of quartz generators
/O stabil'nosti chastoty kvartsevykh
generatorov/. 11 p1768 A67-24982
- ZELENIKOV, V. E.
Measurement of absorption in the
ionosphere by the A5 method - Equipment -
First results. 07 p1174 A67-19706
- ZELENIKOVA, I. A.
Measurement of absorption in the
ionosphere by the A5 method - Equipment -
First results. 07 p1174 A67-19706
- ZELEVINSKAIA, N. G.
A new installation at the Tyan'-Shan'
Mountain station for investigation of strong
interactions at energies of 100 to 1000 Bev -
First results. 22 p3801 A67-40248
Mean characteristics of the process of
multiple particle production at energies
from 100 to 1000 Gev /Srednie
kharakteristiki protsessy mnozhestvennogo
rozhdeniia chastiits pri energiiakh 100-1000
Gev/. 24 p4217 A67-42830
- ZELEZNIK, F. J.
Calculation of complex chemical
equilibria. 16 p2620 A67-31815
- ZELIGER, N. B.
Selection of a method for recording code
messages during transmission of discrete
information /K vyboru metoda registratsii
kodovykh posylok pri peredache diskretnoi
informatsii/. 24 p4122 A67-42376
- ZELIKOV, I. L.
Production of gas-turbine engines
/Proizvodstvo gazoturbinnnykh
dvigatelei/. 11 p1798 A67-24516
- ZELIKOVSKY, A.
Boeing 737 hydraulic power and control
systems design
philosophy. 09 p1444 A67-22129
- ZELLER, A. F.
Aeromedical responsibilities in aircraft
reliability. 22 p3754 A67-39598
Relation of time between flights to the
accident potential of Century Series
pilots. 23 p3970 A67-41696
Analysis of USAF undershoot and
overshoot accidents -
1960-1964. 23 p3970 A67-41701
- ZELLER, E. J.
Proton-induced hydroxyl formation on the
lunar surface.
[AFCRL-66-795] 02 p0324 A67-11857
- ZELLEY, W. G.
Chemical pretreating and
finishing. 14 p2324 A67-27821
- ZELMANOVICH, I. L.
Wave refraction at 0.4 to 13 mu in a dry
atmosphere /Refraktsiia voln diapazona 0.4-
13 mk v sukhoi
atmosfera/. 01 p0108 A67-10129
- ZELTSMAN, A. P.
Statistical parameters of the radiation of
irregular and semiregular
variables. 07 p1248 A67-19486
- ZELWER, R.
Interplanetary magnetic field data and
corresponding geomagnetic effects for the
storm of October 7, 1962. 17 p2844 A67-32540
- ZEMAN, J. L.
A method for the solution of stochastic
problems in linear thermoelasticity and heat
conduction. 01 p0159 A67-10403
Method for solving random thermal-stress
problems /Eine Methode zur Loesung
zufallsabhaengiger
Waermespannungsprobleme/. 13 p2217 A67-26634
- ZEMANOVA, Z.
Remarks on the possibility of determining
after the fact the psychological state of a
pilot during aircraft collisions /Poznamky k
mozhnosti posouzeni psichicheskogo stavu pilota
post hoc pri leteckych
katastrofach/. 14 p2255 A67-28226
The excretion of neutral 17-ketosteroids 3-
methoxy-4-hydroxymandelic acid, 3-methoxy-
4-hydroxyphenyl-acetic acid and
mucoproteins in urine during pressure
breathing. 22 p3752 A67-40538
- ZEMLIAKOV, S. D.
Synthesizing self-adjusting control systems
with a standard model. 03 p0390 A67-13102
Some problems of analytical synthesis in
model reference control systems by the
direct method of
Lyapunov. 07 p1160 A67-19197
- ZEMLIANSKII, B. A.
Hypersonic flow past a tapered blunt edge
by a nonuniform gas /Giperzvukovoe
obtekanie skoshennoi prituplennoi kromki
neravnomyrnym potokom
gaza/. 06 p0936 A67-17733
- ZEMSKOV, G. V.
Calorizing and aluminosiliciding of
titanium in molten
solutions. 12 p1955 A67-25360
Saturation with beryllium by
diffusion. 12 p1955 A67-25369
Chromizing of steel by high-frequency
induction heating in a
vacuum. 19 p3236 A67-34920
- ZEMSKOV, V. S.
Physicochemical principles of
semiconductor alloying /Fiziko-khimicheskie
osnovy legirovaniia
poluprovodnikov/. 21 p3684 A67-38433
- ZEMTSOV, IU. K.
Measuring the electron temperature of a
powerful pulsed
discharge. 22 p3852 A67-39991
- ZEMTSOVA, N. D.
Aging of Fe-Ni-Ti-alloys in the process of
reverse martensitic alpha greater than
- gamma transformation /Starenie splavov Fe-
Ni-Ti V protsesse obratnogo martensitnogo
prevrashcheniia alpha greater than
gamma/. 22 p3820 A67-39824
- ZENER, C.
Geometric
programming. 09 p1469 A67-22435
- ZENIN, A. A.
Temperature distribution structure during
stationary combustion of ballistite powder
/Struktura temperaturnogo raspredeleniia pri
statsionarnom goreni ballistitnogo
porokha/. 07 p1267 A67-19312
- ZENKOVICH, A. A.
Experience in strain-gage measurements of
large-scale parts at elevated temperatures
/Opyt tenzometrirovaniia krupnogabaritnykh
detalei pri povyshennykh
temperaturakh/. 03 p0527 A67-14074
- ZENKOVSKAIA, S. M.
Effect of high-frequency vibration on the
formation of convection /O vibranii vibratsii
vysokoi chastoty na vozniknovenie
konvekttsii/. 03 p0401 A67-12870
Stability of a periodic solution of the
Navier-Stokes equation /Ob ustoiichivosti
odnogo periodicheskogo resheniia uravneniia
Nav'e-Stoksa/. 10 p1675 A67-23677
The stability of a periodic solution of the
Navier-Stokes equation. 21 p3653 A67-38278
- ZENUKOV, A. G.
Feasibility of designing an air-cooled case-
type blade of uniform strength /O
vozmozhnosti konstruirovaniia ravnoprirechnoi
lopalki vozdušnogo okhlazhdeniia gil'zovogo
tipa/. 14 p2377 A67-28653
- ZERBY, C. D.
Electron transport theory, calculations,
and experiments.
[UCC/DSSD-267] 24 p4190 A67-41805
- ZEREK, L.
Analysis of the ground resonance of
helicopters with zero transverse flexibility
/Analiza rezonansu pryzemlennogo smiglowcow
o zerrovej podatnosti
poprecznoi/. 03 p0360 A67-13393
- ZERLAUT, G. A.
Space-simulation facility for in situ
reflectance measurements.
[AIAA PAPER 67-312] 12 p1926 A67-26027
Spacecraft temperature-control coatings -
Selection, utilization and problems related to
the space environment. 16 p2757 A67-30634
- ZERNIKE, F., JR.
Laser interferometry and some
applications. 09 p1499 A67-22150
- ZERNOV, I. A.
Application of composite coatings in the
radiative heating of blanks /Primenenie
kombinirovannykh pokrytii pri radiatsionnom
nagreve zagotovok/. 04 p0630 A67-15901
Calculation of radiative heating for
machining tabular blanks on a spinning lathe
/Raschet radiatsionnogo nagreva trubchatykh
zagotovok pri tokarnodavil'noi
obrabotke/. 14 p2325 A67-28654
- ZERNOW, L.
Application of two-dimensional
computations to the study of sub-critical
initiation and fadeout in a homogeneous
explosive. 18 p3153 A67-33824
- ZEROVA, M. V.
Conversion of the frequency spectrum of
a pulse-position-modulated signal passing
through a delay device and an amplifier
switched by an input undelayed signal
/Preobrazovanie chastotnogo spektra signala
s fazovo-impul'snoi modulatsiei pri
prokhozhenii cherez ustroistvo zaderzhki i
usilitel', kommutiruemyi vkhodnym
nezaderzhannym
signalom/. 07 p1139 A67-19229
- ZETTEMAYER, A. C.
The corroding iron surface.
II. 18 p3066 A67-34368
Adsorption studies on metals and
elemental semiconductors.
XII. 19 p3301 A67-34935
- ZETTWOOG, P.
Electrical conductivity of argon and
cesium plasmas for MHD conversion
/Conductivite electrique des plasmas argon,
cesium pour conversion
MHD/. 12 p1970 A67-25253
Effect of ionization saturation and duct
shape on losses near walls /Effet de la
saturation de l'ionisation et de la forme de
la tuyere sur les pertes au voisinage des
parois/. 16 p2711 A67-30536
Conditions for the use of disk-shaped
ducts in MHD conversion /Conditions

- d'emploi des tuyeres disques en conversion MHD/. 16 p2603 A67-30566
- ZEVAKINA, R. A.**
Principles of predicting ionospheric magnetic disturbances and the short-term radio forecasting service /Osnovy prognozirovaniya ionosfernomagnitnykh vozmushcheniy i sluzhba kratkosrochnykh radioprognozov/. 21 p3616 A67-37933
- ZEVIN, V. IA.**
Study of the concentration dependence of the EPR of Mn super 2 super plus in CdTe single crystals. 23 p4042 A67-41294
- ZEYTOUNIAN, R.**
First integrals of the equations of steady motion with symmetry of revolution for a perfect fluid /Integrales premieres des equations d'un mouvement stationnaire avec symetrie de revolution pour un fluide parfait/. 20 p3420 A67-36395
- ZGORZELSKI, M.**
On the influence of the anode emission on the maximum efficiency of the thermionic diode energy converter. 14 p2247 A67-28033
- ZHABOTINSKII, M. E.**
Quantum radio-wave amplifiers and their application /Kvantovye usiliteli radiovoln i ikh primeneniye/. 16 p2623 A67-31024
Reflex multi-cavity solid-state masers containing the active material in all the cavities. 20 p3462 A67-37328
A three-cavity solid-state maser at a wavelength of 21 cm. 20 p3462 A67-37329
- ZHADKO, I. P.**
Electrical pinch in elastically deformed germanium. 04 p0675 A67-14922
Size effects in conductivity of semiconductors with a few types of carriers. 06 p1064 A67-18944
- ZHAMPA, A.**
Investigation of the radiation resistance of silicon semiconductor detectors when irradiated by protons with an energy of 2.3 Mev /Issledovanie radiatsionnoi stoikosti kremniyevykh poluprovodnikovyykh detektorov pri obluchenii protonami s energiei 2,3 Mev/. 21 p3628 A67-38596
- ZHANDAROV, A. M.**
Orbital perturbations of artificial earth satellites due to the tesseral harmonics in a series expansion of the gravitational potential /Vozmushcheniya orbit ISZ ot tesseral'nykh garmonik razlozheniya gravitatsionnogo potentsiala/. 09 p1564 A67-21884
Automation of the derivation of analytical expressions in the determination of gravitational perturbations in the motion of artificial earth satellites /Avtomatizatsiya vyvoda analiticheskikh vyrazhenii dlia opredeleniya gravitatsionnykh vozmushchenii v dvizhenii ISZ/. 09 p1467 A67-21885
- ZHANDREN, R.**
Observations of ULF emission at two conjugate points /Nabludeniya ul'tranizkochastotnogo izlucheniya v dvukh sopriazhennykh tochkakh/. 03 p0411 A67-13347
- ZHANG, K.-D.**
The stability of truncated conical thin shells under torsional load. 06 p1105 A67-18592
- ZHANTUAROV, R. S.**
Partial solutions for the Laplace tide equation /Chastnye resheniya uravneniya prilivov Laplace/. 13 p2112 A67-26668
Diurnal variations in the structural parameters of the atmosphere above 100 km /linear theory/ /Sutochnye variatsii strukturnykh parametrov atmosfery vyshe 100 km /lineinaya teoriya/. 13 p2112 A67-26669
- ZHAO, Y.-X.**
The effect of hydrostatic pressure on the transport properties of InSb. 07 p1231 A67-19061
- ZHARII, IU. I.**
Stability of a shallow spherical shell /Do pitaniya stikosti pologoi sferichnoi obolonki/. 22 p3911 A67-39683
- ZHARIKOV, I. F.**
Study of the effect on solids of light radiation from a source of the explosion type /Issledovanie vozdetsviya na tverdoe veshchestvo svetovoi izlucheniya, poluchennogo pri pomoshchi istochnika vzryvnogo tipa/. 11 p1782 A67-24955
- ZHARINOV, A. V.**
Acceleration of plasma by a closed Hall current. 21 p3663 A67-37938
- ZHARKIKH, IU. S.**
Investigation of the magnetic-field effect /Doslizhenniya magnitopol'ovogo efekta/. 21 p3676 A67-37862
Determination of the parameters of recombination and capture centers in antimony sulfide /Viznachenniya parametrv rekombinatsionnykh tsentrv i tsentrv prilipanniya v sul'fidi surmi/. 22 p3846 A67-39503
- ZHARKOV, G. F.**
The Josephson tunneling effect in superconductors. 05 p0860 A67-16360
- ZHARKOV, V. N.**
Geophysical problems and lunar investigations. 04 p0702 A67-15561
Elementary theory of the spheroidal oscillations of the earth /Elementarnaya teoriya sferoidal'nykh kolebaniy zemli/. 23 p3994 A67-40714
- ZHAROVA, E. I.**
Remote responses of the hemopoietic tissue to proton and X-ray irradiation under acceleration /Otdalennyye reaktsii krovetvornoi tkani na obluchenie protonami i Kh-luchami v kombinatsii s gravitatsionnyimi nagruzkami/. 13 p2057 A67-26458
- ZHAVORONKOV, E. G.**
Techniques for calculating vertical ozone distribution /K voprosu o metodike rascheta vertikal'nogo raspredeleniya ozona/. 07 p1172 A67-19456
- ZHDAN, A. G.**
The heat-stimulated currents and the "quenched" conductivity in the film system CdS-SiO sub x. 24 p4203 A67-42246
- ZHDANOV, A. M.**
Problems of biotelemetry in long space flights /Problemy biotelemetrii v dlitel'nykh kosmicheskikh poletakh/. 02 p0187 A67-12323
- ZHDANOV, A. P.**
Formation of helium isotopes in cosmic rays /Obrazovanie izotopov gellia v kosmicheskikh luchakh/. 05 p0878 A67-18093
Production of helium isotopes in cosmic rays. 24 p4213 A67-42769
- ZHDANOV, G. B.**
Analysis of the energy characteristics of high-energy nuclear interactions in emulsions. 02 p0312 A67-12605
Angular and energy characteristics of nuclear interactions at 23 and 150 to 500 Bev /Energeticheskie i uglovyye kharakteristiki iadernykh vzaimodeistvii pri energiyakh 23 i 150-500 Bev/. 02 p0271 A67-12753
Energy and angular characteristics of nuclear interactions at energies of 23 and 150 to 500 Bev. 22 p3842 A67-40255
New method for analyzing the mechanism of nuclear interactions /Novyi metod analiza mekhanizma iadernykh vzaimodeistvii/. 24 p4193 A67-42859
- ZHDANOV, G. S.**
X-ray diffraction study of the atomic structure of ferromagnetic BiFeO sub 3. 21 p3685 A67-38967
- ZHDANOV, V. A.**
Theory of wurtzite-type binary crystals /K teorii binarnykh kristallov tipa vurtzitisa/. 18 p3094 A67-33437
- ZHEKOV, K. A.**
Use of network techniques in the strength analysis of low-aspect orthotropic wings /Primeneniye metoda setok dlia rascheta na prochnost' ortotropnykh kryl'ev malogo udlineniya/. 21 p3724 A67-38782
- ZHEKULIN, L. A.**
Reflection of pulse signals from an inhomogeneous ionosphere during topside soundings /Otrazhenie impul'snykh signalov ot neodnorodnoi ionosfery pri zondirovani ee s vneshei storony/. 05 p0765 A67-17125
Reflection of pulse signals from an inhomogeneous ionosphere in topside soundings. 21 p3582 A67-38468
- ZHELEZNIKOV, V. V.**
Theory of radiation transfer in an inhomogeneous medium /K teorii perenosa izlucheniya v neodnorodnoi srede/. 05 p0761 A67-16340
- ZHELEZOVSKII, B. E.**
Computing the gain of a parametric travelling wave amplifier by the coupled wave method. 24 p4130 A67-42241
- ZHELIAZKOV, I.**
Resonance absorption of electromagnetic power by weakly ionized gas. 02 p0273 A67-12184
- ZHELININ, IU. N.**
The minimum of the maximum deceleration in spacecraft re-entry. 14 p2393 A67-27855
- ZHELNOV, B. L.**
Mode interaction in a gas laser. 03 p0439 A67-14371
- ZHELYAZKOV, I.**
Longitudinal resonances of plasma surface waves in noble gases. 17 p2899 A67-32309
- ZHENDREN, R.**
Polarization of Pc 1 /pearl/-type hydromagnetic oscillations at the magnetically conjugate points Sogra /USSR/ and Kerguelen Island /Polarizatsiya gldromagnitnykh kolebaniy tipa Pc-1 /zhemchuzhiny/ v magnitno sopriazhennykh tochkakh Sogra /SSSR/-KERGELLEN /Frantsiya/. 17 p2850 A67-32974
- ZHENG, W.-X.**
Further discussion of an extreme value problem of the constraint type and extremal approximating operators with positive kernels. 03 p0461 A67-14106
- ZHERBIN, K. S.**
Effectiveness estimates for control systems with recovery /Ob otsenke effektivnosti vosstanavlivaemykh sistem upravleniya/. 16 p2643 A67-30919
- ZHEREBIATEV, I. F.**
Mathematical simulation of parabolic-type nonlinear equations /Matematicheskoe modelirovanie nelineynykh uravnenii parabolicheskogo tipa/. 17 p2821 A67-33079
- ZHEREBTSOV, V. A.**
Hot Langmuir probe /Goriachii Lengmuirskii zond/. 24 p4154 A67-42210
- ZHEVAKIN, S. A.**
Absorption of microradiowaves in air by the dimers of water vapor /Pogloshchenie mikroradiovoln v vozdukhie dimerami vodianogo para/. 06 p0963 A67-18206
Some problems in the calculation and measurement of the absorption of millimeter and submillimeter waves in atmospheric water vapor. 08 p1294 A67-20817
Absorption of microwaves in air by water-vapor dimers. 17 p2817 A67-33219
- ZHEVLAKOV, G. N.**
Existence theorems for nonlinear boundary value problems /Teoremy sushchestvovaniya dlia nelineynykh kraevykh zadach/. 02 p0260 A67-12738
- ZHIBRITSKII, V. K.**
Determination of the concentration of cesium atoms in an argon-cesium flow by the radiation absorption method /Opredelenie kontsentratsii atomov tseziya v potoke argono-tsezlevoi smesi metodom pogloshcheniya izlucheniya/. 09 p1538 A67-21778
- ZHIDKOV, E. P.**
Solution of boundary-value problems for second-order nonlinear ordinary differential equations by the stabilization method /Reshenie kraevykh zadach dlia nelineynykh obyknovennykh differentsial'nykh uravnenii vtorogo poriadka metodom stabilizatsii/. 16 p2698 A67-31482
The stabilization method of solving boundary value problems for nonlinear second-order ordinary differential equations. 24 p4177 A67-42198
- ZHIGALKO, E. F.**
Shock wave diffraction and reflection problems /K zadache difraktsii i otrazheniya udarnykh voln/. 12 p1928 A67-25672
- ZHIGALKO, IU. P.**
Effect of concentrated forces on orthotropic and bimetallic cylindrical shells /Deistvie sosredotochennykh sil na ortotropnye i bimetallicheskie tsilindricheskie obolochki/. 12 p2025 A67-25608
Deflection of a cylindrical shell by a radial concentrated force /K voprosu ob izgibe tsilindricheskoi obolochki radial'noi sosredotochennoi siloi/. 21 p3721 A67-38309
- ZHIGALOV, L. N.**
Irregular magnetic disturbances in Antarctica /Neregularnyye magnitnye vozmushcheniya v Antarktike/. 17 p2848 A67-32950
- ZHIGULEV, V. N.**
Effect of radiation on flow near the stagnation point /O vliyanii izlucheniya na techenie v oblasti kriticheskoi tochki/. 14 p2296 A67-27981
- ZHILEIKO, G. I.**
Slow-wave structure with variable phase velocity of the E-wave. 05 p0767 A67-17398
- ZHILIAEV, IU. V.**
Injection luminescence of epitaxial

- heterojunctions in the GaP-GaAs system /Inzhektsiionnaia luminesentsiia epitaksial'nykh geteroperekhodov v slsteme GaP-GaAs. 09 p1554 A67-21975
- Injection luminescence of epitaxial heterojunctions in the GaP-GaAs system. 17 p2923 A67-33312
- ZHILIN, P. A.**
Axisymmetric deformation of a cylindrical shell reinforced by frames /Osesimmetrichnaia deformatsiia tsilindricheskoj obolochki, podkreplennoi shpangoutami/. 03 p0530 A67-14171
Shells of zero Gaussian curvature with meridional ribs /Obolochki nulevoi gaussovoi krivizny s meridional'nymi rebrami/. 21 p3718 A67-37980
- ZHILIN, V. G.**
Experimental study of the turbulent flow of mercury in a circular tube in the presence of a longitudinal magnetic field /Eksperimental'noe issledovanie turbulentnogo techenia rtuti v krugloi trube v prodol'nom magnitnom pole/. 16 p2721 A67-31394
- ZHILINSKY, A. P.**
Microwave radiation from a beam-plasma system in a magnetic field. 19 p3291 A67-35383
- ZHILTSOV, K. K.**
Harmonic linearization of systems with logical control rule. 01 p0044 A67-10241
- ZHITNIK, I. A.**
The X-ray photographs and the spectrum of the sun in the region 9.5-200 angstrom units. 10 p1707 A67-23225
Image and spectrum of the sun in the region from 9.5 to 200 angstrom units /Izobrazhenie i spektr solntsa v oblasti 9.5-200 angstrom units/. 13 p2200 A67-27334
- ZHITOMIRSKII, I. S.**
Some problems in the theory of abruptly varying processes with determinate deflection /Nekotorye voprosy teorii skachkoobraznykh protsessov s determinirovannym snosom/. 04 p0646 A67-15260
Theory of stresses in solids with moving boundaries /K teorii napriazhenii v tverdykh telakh s podvizhnymi granitsami/. 05 p0914 A67-16194
- ZHITOMIRSKII, I. A.**
Cauchy problem of odd-order equations that are correct according to I. G. Petrovskii /Zadacha Koshi dlia korrektnykh po I. G. Petrovskomu uravnenii nechetnogo poriadka/. 03 p0459 A67-13644
Classes of uniqueness of the solution of the Cauchy problem for linear equations with increasing coefficients /Klassy edinstvennosti reshenia zadachi Koshi dlia lineinykh uravnenii s rastushchimi koefitsientami/. 23 p4024 A67-41692
- ZHIVILOVA, G. V.**
Variation of the structure and properties of the titanium alloy VT5 as a result of gas saturation /Izmenenie struktury i svoystv titanovogo сплава VT5 v rezul'tate gazonasycheniia/. 10 p1670 A67-23642
- ZHIZHIMOV, L. A.**
Resonance scattering of electromagnetic waves by small disturbances in a rarefied plasma. 13 p2067 A67-26547
- ZHLUKTENKO, V. I.**
Thermal stability of glass-fiber-reinforced compressor blades of gas-turbine engines /K voprosu termostoikosti stekloplastikovyykh lopatok kompressorov gazoturbinnyykh dvigatelei/. 24 p4249 A67-42103
- ZHMUD, E. M.**
Finite groups with a single-value generation of normal divisors /O konechnyykh gruppakh s odnoznamenno porozhdaemyi normal'nymi deliteliami/. 07 p1217 A67-20154
- ZHODZISHKII, M. I.**
Fluctuations in quasiharmonic self-excited oscillators with many degrees of freedom. 24 p4129 A67-42225
- ZHOGOLEV, D. A.**
Temperature-and field-dependence of the Knight shift in metals and semiconductors /O temperaturnoi i polevoi zavisimostiakh sdviga Naite v metallakh i poluprovodnikakh/. 09 p1554 A67-21972
Temperature and field dependence of the Knight shift in metals and semiconductors. 17 p2923 A67-33309
- ZHOLKEVICH, G. A.**
Negative resistance and a stimulated state of electroluminescent zinc sulfide films at 77 deg K /Otritsatel'noe soprotivlenie i stimulirovannoe sostoianie v elektroluminescentnykh tsink-sulfidnykh fil'makh pri 77 deg K/. 05 p0866 A67-17023
Negative resistance and the stimulated state in electroluminescent zinc sulfide films at 77 deg K. 14 p2366 A67-28487
- ZHONGOLOVICH, I. D.**
On the use of the results obtained from synchronous observations of the artificial satellites of the earth from the INTEROBS programme for scientific purposes. 05 p0894 A67-16555
On the use of analytical formulae for perturbations from zonal harmonics in case of large eccentricities. 16 p2743 A67-30726
- ZHORNIAK, A. F.**
Structural cermet materials /Metallokeramicheskie konstruksionnye materialy/. 06 p1015 A67-17842
- ZHOROV, G. A.**
Thermal conductivity and degree of blackness of aluminum oxide coatings at high temperatures /Teploprovodnost' i stepen' chernoty pokrytiia iz oksid aluminia pri vysokikh temperaturakh/. 03 p0536 A67-13608
Emissivity of metals heated in air /Izluhatel'naya sposobnost' metallov pri nagrevanii na vozdukh/. 18 p3064 A67-34052
Thermal conductivity and emissivity of aluminum oxide coatings at high temperatures. 18 p3161 A67-34473
- ZHOROVA, L. P.**
Effect of cold plastic deformation and annealing on the mechanical properties of sheet niobium /Vlianie kholodnoi plasticheskoi deformatsii i otzhiga na mekhanicheskie svoystva listovogo niobia/. 05 p0831 A67-17504
Effect of the components of a tantalum alloy with 33 percent niobium on its mechanical properties /Vlianie legirulushchikh elementov na mekhanicheskie svoystva i temperaturu rekrystalizatsii сплава tantalа s 33 percent niobia/. 18 p3065 A67-34293
Effect of cold plastic deformation and annealing on the mechanical properties of sheet niobium. 21 p3644 A67-38032
- ZHUGSHDA, I. U. D.**
Neutral /null/ points of magnetic fields. 12 p2002 A67-25534
- ZHUGZHA, I. U. D.**
Structure of the magnetic fields of sunspots /K voprosu o strukture magnitnykh poli solnechnyykh platen/. 02 p0329 A67-12489
The structure of sunspot magnetic fields. 10 p1708 A67-23357
- ZHUK, N. P.**
Heat resistance of dispersionally hardened nickel. 14 p2336 A67-27867
Heat resistance of nickel alloys containing oxides /Zharostoikost' spлавov nikelia s oksidami/. 16 p2690 A67-31433
- ZHUKAUSKAS, A. A.**
The laminar boundary layer on a wedge-shaped surface for a power-law velocity distribution at the outer edge of the boundary layer. 20 p3421 A67-36824
- ZHUKHOVITSKII, E. M.**
Stability of a transverse fluid flow between permeable boundaries /Ob ustoiichivosti poperechnogo techenia zhidkosti mezhdu pronitsaemyi granitsami/. 10 p1628 A67-23675
Free convection of a conducting fluid in coupled vertical channels /Svobodnaya konveksiia provodiaschel zhidkosti v svyazannykh vertikal'nykh kanalakh/. 20 p3500 A67-37051
On the stability of transverse flow of fluid between permeable boundaries. 21 p3612 A67-38276
- ZHUKOV, A. A.**
Treatment of steel with laser rays. 06 p1008 A67-18234
Some effects of laser radiation on metals. 21 p3646 A67-39011
- ZHUKOV, A. G.**
Optical constants of crystalline quartz in the far infrared region /Opticheskie postolannye kristallicheskogo kvartsa vdaleko infrakrasnoi oblasti/. 09 p1553 A67-21917
Optical constants of crystalline quartz in the far infrared region. 14 p2365 A67-28246
- ZHUKOV, G. P.**
Space and the problem of world peace /Kosmos i problema vseobshchego mira/. 03 p0538 A67-13200
World-wide telecommunication system by satellites - Legal aspects. 12 p2043 A67-26144
- ZHUKOV, I. A.**
Effect of sodium on the dwell time of atoms of certain elements in a DC arc /Vlianie natriia na vremia prebyvaniia atomov nekotorykh elementov v duge postolannogo toka/. 17 p2888 A67-32377
- ZHUKOV, M. F.**
Some generalizations relating to the study of electric arcs. 04 p0666 A67-15191
Generators of low-temperature gas-discharge plasma /Generatory nizkotemperaturnoi gazorazriadnoi plazmy/. 06 p1038 A67-17745
Characteristics of a plasmatron with an insert in the electrode gap /Kharakteristiki plazmatrona s mezhelektroodnoi vstavkoj/. 11 p1843 A67-24973
Peculiarities of the operation of low-temperature plasma generators with vortex stabilization of the arc, and generalization of the investigations /Osobennosti raboty generatorov nizkotemperaturnoi plazmy s vikhrevoi stabilizatsiei dugi i obobshchenie rezul'tatov issledovaniia/. 17 p2897 A67-32171
A vertical-scheme plasmatron for operation on high currents /Plazmatron vikhrevoi skhemy dlia raboty na bol'shikh tokakh/. 18 p3088 A67-34057
- ZHUKOV, N. N.**
Possible reasons for the effect of electrode polarity on rail gun acceleration of plasma. 02 p0275 A67-12471
- ZHUKOV, O. K.**
Concerning temperature autostabilization of ferroelectric ceramics. 03 p0498 A67-13707
- ZHUKOV, V. M.**
Study of sodium boiling heat transfer. 04 p0736 A67-15860
- ZHUKOV, V. P.**
Certain conditional probability densities for the phase derivative of a narrow-band normal noise /Nekotorye uslovnye plotnosti veroiatnosti dlia proizvodnoi fazy uzkopolosnogo normal'nogo shumai/. 04 p0575 A67-15162
Some conditional probability densities for the phase derivative of narrow-band normal noise. 15 p2435 A67-29349
- ZHUKOVA, L. M.**
Radiative recombination in the space-charge layer of a p-n junction. 04 p0681 A67-15298
- ZHUKOVSKII, A. P.**
Spectral characteristics of a signal reflected from a rough surface /Spektral'nye kharakteristiki signala, otrazhennogo sherokhovatoi poverkhnosti/. 13 p2154 A67-27038
- ZHUKOVSKII, E. A.**
New apparatus for gamma flaw detection. 13 p2122 A67-28254
- ZHUKOVSKII, M. I.**
Aerodynamic flow calculations of axial-flow turbines /Aerodinamicheskie raschet potoka v osevykh turbomashinakh/. 21 p3565 A67-38766
- ZHUKOVSKII, N. M.**
A high-efficiency metal-ceramic beam tetrode with a power of 150 watts at a frequency of 1000 Mc /Metallokeramicheski luchevoi tetrod moshchnosti 150 vm na chastote 1000 MGTs s vysokimi koefitsientom poleznogo delstvia/. 22 p3772 A67-39873
- ZHUKOVSKII, V. G.**
An investigation of cyclotron instability potential and adiabatic compression of a plasma in a mirror machine. 22 p3846 A67-39487
- ZHUKOVSKII, V. I.**
Conditional stability of a class of controlled systems /Uslovnaia ustoiichivost' odnogo klassa reguliruemyykh sistem/. 12 p1919 A67-26104
Certain sufficient conditions of stability of a trivial solution to a system of two first-order differential equations /Nekotorye dostatochnye uslovia ustoiichivosti trivial'nogo reshenia sistemy iz dvukh differentsial'nykh uravnenii pervogo poriadka/. 13 p2144 A67-28443
- ZHULAI, V. IA.**
Two-channel single-pulse neodymium glass laser with a power of 180 joules /Dvukhkanal'nyi monolimpul'snyi opticheski kvantovyi generator na neodimovom stekle s energiei 180 dzh/. 19 p3239 A67-34986

ZHULEV, I. G.

Thermal emissivity and absorptivity of rough surfaces-Thermal emissivity of tubular radiators /Izuchatel'nala i pogloshchatel'nala sposobnost' sherokhovatykh poverkhnostei - Izuchatel'nala sposobnost' trubchatikh radiatorov/. 02 p0342 A67-12331

Radiative capacity of a toothed surface - A study of a radiating system with finned tubes /Izuchatel'nala sposobnost' zuchatoi poverkhnosti - Issledovanie izluchatel'noi sistemy s orebrennyimi trubkami/. 16 p2778 A67-30714

Emissivity and absorptivity of trapezoidal grooves /Izuchatel'nala i pogloshchatel'nala sposobnost' trapetslevidnykh kanavok/. 18 p3159 A67-34055

ZHULIN, I. A.

Geophysical effectiveness of solar corpuscular streams. 07 p1243 A67-19803

Intermediary role of the magnetic fields of solar corpuscular streams in the determination of the degree of their geophysical effectiveness. 07 p1243 A67-19827

Possible interpretation of measurement results obtained with the near-lunar satellite Lunik 10 /Vozmozhnaya interpretatsiya rezul'tatov izmerenii na okololunnom sputnike "Luna-10"/. 16 p2755 A67-31889

ZHULINA, E. M.

Zone of anomalous absorption during various phases of the solar activity cycle. 12 p1933 A67-25550

ZHULINA, I. V.

Measurement of coordinates of many targets in the case of signals of unknown amplitude and phase. 05 p0765 A67-16960

ZHUMAKULOV, U.

IR reflection spectra in indium arsenide crystals /Spektry infrakrasnogo otrazheniya v kristallakh arsenida indiya/. 19 p3306 A67-35705

ZHURAKOVSKII, E. A.

Hall effect and the fine structure of X-ray fluorescence and absorption K-spectra of vanadium in silicides /Effekt Kholla i tonkala struktura rentgenovskikh fluoretsentnykh i absorbtionnykh K-spektrov vanadiya v silitsidakh/. 01 p0101 A67-10935

X-ray K-absorption spectra of titanium, vanadium, and germanium in germanides. 16 p2691 A67-31594

ZHURAKOVSKII, E. O.

X-ray spectral analysis of certain compounds of iron with light elements /Rentgenospektral'ne doslidzhennia delakikh spolkim zaliza z legkimi elementami/. 12 p1957 A67-26109

ZHURAVLEV, A. K.

Distribution function of the envelope of a mixture of a sinusoidal signal and a chaotic sequence of radio pulses at the output of a linear system /Funktsiya raspredeleniya ogibalushchey smesi sinusoidal'nogo signala i khaoticheskoi posledovatel'nosti radiolimpul'sov na vykhode lineinoi sistemy/. 18 p2999 A67-33506

ZHURAVLEV, G. I.

Thermal stability of ceramic coatings for metals /O termostoitkosti keramicheskikh pokrytii na metallakh/. 03 p0446 A67-13638

Thermal shock resistance of ceramic coatings on metals. 17 p2875 A67-33172

ZHURAVLEV, L. N.

Preparation of samples of variable composition by liquid-zone dilution techniques /Poluchenie obraztsov peremennogo sostava metodom razbavleniya zhidkoi zony/. 18 p3065 A67-34294

ZHURAVLEV, N. N.

X-ray study of lanthanum borides /Rentgenograficheskoe issledovanie boridov lanana/. 11 p1810 A67-23905

ZHURAVLEV, V. K.

Nature of the effect of preirradiation on the rate of thermal decomposition of ammonium perchlorate /K voprosu o prichinakh vlianiia predvaritel'nogo obluichenia na skorost' termicheskogo razlozhenia perkhlorata ammoniia/. 04 p0687 A67-14635

ZHURAVLEVA, A. M.

Vibration of disk-drum rotors /Vibratsiya rotorov diskovo-barabannoi konstruktsii/. 05 p0810 A67-16230

ZHURIN, B. L.

Maximum eclipse time of earth satellites /Maksimal'noe vremia zatmenia sputnikov zemli/. 13 p2201 A67-27339

ZHURKIN, B. G.

Effect of uniaxial compression on the jump conductivity of p-type silicon /Vlianie odnoosnogo szhatia na pryzhkovuiu provodimost' v p-Si/. 04 p0679 A67-15145

Effect of jump-like motion of electrons on the EPR spectrum of phosphorus in strongly doped n-silicon /Vlianie pryzhkovoi dvizhenia elektronov na spektr EPR fosfora v sil'no legirovannom kremnii n-tipa/. 05 p0867 A67-17055

Influence of uniaxial compression on hopping conduction in p-type Si. 12 p1979 A67-25168

Influence of the hopping motion of electrons on the EPR spectrum of phosphorus in heavily doped n-type silicon. 15 p2538 A67-29786

ZHURKOV, S. N.

An investigation of fracture process of polymers by the electron spin resonance method. 18 p3068 A67-33490

ZHURVEL, F. A.

The transfer characteristic of a semiconductor diode. 01 p0035 A67-10398

ZHUZE, V. P.

Thermal conductivity of lanthanum and its monochalcogenides. 04 p0680 A67-15287

ZHUZGOV, L. N.

Measurements of the magnetic field in the vicinity of the moon by the artificial satellite Luna 10 /Izmereniia magnitnogo polia v okrestnosti lunny na iskusstvennom sputnike Luna-10/. 01 p0150 A67-10909

Study of the magnetic field from the Luna 10 orbiter /Issledovanie magnitnogo polia so sputnika "Luna-10"/. 05 p0887 A67-16056

Magnetometric equipment on board the space laboratory "Elektron-2". 11 p1789 A67-24079

A survey of the earth's magnetosphere in the region of the radiation belt /3-6 R sub E/ from February to April 1964. 12 p1997 A67-25814

Possible interpretation of measurement results obtained with the near-lunar satellite Lunik 10 /Vozmozhnaya interpretatsiya rezul'tatov izmerenii na okololunnom sputnike "Luna-10"/. 16 p2755 A67-31889

Investigation of the magnetic field by Luna-10. 21 p3701 A67-37843

ZIABKIN, V. A.

Natural neutron background of the atmosphere and the earth's crust /Estestvennyi neitronnyi fon atmosfery i zemnoi kory/. 01 p0143 A67-10042

ZIABLOV, R. P.

Determination of operating period of remote control systems. 05 p0782 A67-16266

ZIAJKA, E.

Measurement of the noise factor F of high-frequency transistors /Pomiar wspolczynnika F szumow tranzystorow wielkiej czestotliwosci/. 14 p2286 A67-28587

ZICH, R.

Low gain ring antenna - Radiation properties on a ground plane. 17 p2827 A67-32781

Stepped aperture distribution for horn antenna side lobe reduction. 22 p3767 A67-39273

ZICHICHI, A.

Hunting charges plus or minus 4/3 e in the cosmic radiation. 15 p2549 A67-29526

A study of the fractional charge content of the cosmic radiation. 24 p4210 A67-42600

ZICHICHI, A. Y.

Search for charges 1/3e and 2/3e in the cosmic radiation. 02 p0306 A67-11500

ZICHTERMAN, G. E.

Long-term biomedical instrumentation in the Air Force space program. 01 p0017 A67-11029

ZIEDAN, I. E.

Condition for ensuring a satisfactory stability range in a P.W.M. system using the method of Murphy and Wu. 03 p0393 A67-13983

Stability criterion for P.W.M. feedback systems containing one integrating element. 03 p0393 A67-13984

ZIEGLER, C. A.

Radioisotope and radiation techniques for terrestrial and planetary gas and solid measurements. 02 p0245 A67-12223

Stochastic perturbation of optimal rocket trajectories. 22 p3878 A67-39182

ZIEGLER, H.

Interaction of two cylindrical jets. 06 p0944 A67-18888

ZIEKIEWICZ, H. K.

Theoretical and experimental investigations of the reflexion of normal shock waves with vibrational relaxation. 24 p4144 A67-42564

ZIEL, V. D.

Field-dependent mobility effects in the excess noise of junction-gate field-effect transistors. 10 p1612 A67-23376

ZIELINSKI, J. B.

Application of the radius-vector of artificial satellite as length measure for geodetic purposes. 15 p2477 A67-29746

ZIEMBA, F. P.

Nuclear particle semiconductor detectors for aerospace applications. 02 p0245 A67-12212

ZIEMER, R. E.

Characteristics of a family of diagonal conducting wall MHD generators. 12 p1898 A67-25381

An experimental and theoretical comparison of the performance of diagonal wall generators, Faraday generators and Hall current generators. 16 p2608 A67-30597

Error probabilities due to additive combinations of Gaussian and impulsive noise. 17 p2812 A67-32120

ZIEMKE, M. C.

An early earth-orbital propellant transfer mission. 22 p3906 A67-40163

ZIEN, H. M.

Stability of a relativistic half-jet. 22 p3850 A67-39705

Stability of a relativistic magnetogasdynamic half-jet. 22 p3850 A67-39706

ZIEN, S.-C.

Base pressure calculation of a stepped axisymmetric body in supersonic flow. 22 p3740 A67-39944

ZIERER, J.

The sail at small angles of incidence in supersonic, hypersonic, and sonic velocity /Das schwach angestellte Segel bei Ueberschall-, bei Hyperschall und bei Schallgeschwindigkeit/. 21 p3563 A67-37889

ZIERING, S.

Kinetic theory of diffusion in rarefied gases. 02 p0234 A67-12544

Kinetic model for three-component plasmas with ionization. 03 p0484 A67-14037

Collisionless theory of a plasma sheath near an electrode. 05 p0857 A67-17424

On diffusion theory in a gravitational field. 13 p2099 A67-26952

ZIERMAN, C. A.

Performance of multilayer insulation systems for the 300 deg to 800 deg K temperature range. 03 p0534 A67-13069

[AIAA PAPER 65-663] Cryogenic thermal-conductivity measurements of insulating materials. 22 p3802 A67-40292

ZIERTEN, T. A.

Merged layer ionization in the stagnation region of a blunt body. 16 p2592 A67-30955

ZIESKE, P.

Effects of instabilities and scattering in electron beams in the absence of a magnetic field. 05 p0849 A67-17449

ZIESMER, R.

SST training program considerations. 13 p2091 A67-27270

ZIGANGIROV, K. SH.

On a problem in optima scanning. 15 p2459 A67-30227

ZIIAKHANOV, U.

Forward branch of the current-voltage characteristic of p-n junctions on a base of p-type indium antimonide /Priamaia vetv' voltampernoii kharakteristiki p-n-perekhodov na baze antimonida india p-tipa/. 04 p0680 A67-15157

The forward branch of the volt-ampere characteristic of p-n junctions in p-type indium antimonide. 15 p2534 A67-29344

ZILBERMAN, P. E.

On the distribution of impurities in heavily doped germanium p-n junctions. 05 p0865 A67-16959

ZILITINKEVICH, S. S.

Dynamics of the atmospheric boundary layer /Dinamika pogrannichnogo sloia atmosfery/. 13 p2151 A67-26687

Dynamics of the atmospheric boundary layer. 21 p3654 A67-38429

ZIMAN, J.

The thermal properties of materials. 20 p3515 A67-37715

ZIMAN, J. M.

The electron transport properties of pure

- liquid metals. 21 p3686 A67-39108
- ZIMKINA, T. M.
Photoionization of d-electrons in Te, Sn, Pb, PbTe, and SnTe. 04 p0681 A67-15295
- ZIMMER, C. R.
Frequency modulation systems for space application. 21 p3593 A67-38234
- ZIMMER, H.
Parametric amplification of microwaves in superconducting Josephson tunnel junctions. 12 p1915 A67-25745
Frequency multiplication of microwaves by field-electron emission in a superconducting cavity. 14 p2278 A67-27787
Can the "death" of artificial earth satellites be observed/ques/ The crashes of the 1965 satellites 26A and 79A /Laesst sich dat "Lebensende" kuenstlicher Erdsatelliten beobachten/ques/ die Abstuerze der Satelliten 1965 26A und 79A/. 19 p3184 A67-35831
- ZIMMER, M. F.
Problems involved in assessing the explosion hazards of very large solid motors. I, II. [CI PAPER 67-14] 19 p3309 A67-35008
- ZIMMERMAN, B. A.
Computer programs for calculating general-relativistic curvature tensors. [JPL-TR-32-1122] 14 p2276 A67-28847
- ZIMMERMAN, C. A.
Low thrust reaction control systems. 01 p0142 A67-11407
Status of the United States large solid rocket motor program. 01 p0142 A67-11447
- ZIMMERMAN, J. E.
Instrumentation using quantum interference in superconductors. 14 p2375 A67-29043
Quantum states and transitions in weakly connected superconducting rings. 16 p2728 A67-31058
Coupled superconducting quantum oscillators. 17 p2926 A67-33380
Contribution of thermal noise to the line-width of Josephson superconducting point contacts. 23 p4038 A67-40790
- ZIMMERMAN, J. M.
Magnetization of ellipsoidal superconductors. 07 p1234 A67-20127
- ZIMMERMAN, M. S.
The AN/GSC-10 /Kathryn/ variable rate data modem for HF radio. 14 p2272 A67-28705
- ZIMMERMAN, S. P.
An anomalous molecular type of diffusion measured in the study of chemical releases and long-lasting, visible meteor trails. 12 p1935 A67-25792
Correlation between the 5577 angstrom units /OI/ night airglow intensity and solar activity. 16 p2749 A67-31404
- ZIMMERMAN, W. F.
Metallurgical and fluid dynamic results of a 200-hour endurance test on a two-stage, 200-horse-power turbine in wet potassium vapor. [ASME PAPER 67-GT-9] 11 p1745 A67-24797
- ZIMMERMAN, W. H.
High accuracy attitude control for space astronomy. 16 p2763 A67-31689
- ZIMMERMAN, W., III
Infrared absorption in high-purity boron films. 09 p1533 A67-22132
- ZIMMERMANN, B. W.
Mechanism of energy relaxation in electron beams. 04 p0623 A67-15324
- ZIMMERMANN, E. L.
Mode control in a ruby laser. 15 p2498 A67-29497
- ZIMMERMANN, H.
The cooling of interstellar gas after collisional heating. 22 p3894 A67-40513
- ZIMMERMANN, K.
The accuracy of the optical determination of satellite orbits by means of observations on board. 22 p3830 A67-39161
- ZIMMERMANNNOVA, J.
Use of molecular sieves for stabilizing the electrical parameters of semiconductor devices /Vyuziti molekulyovych sit pro stabilizaci elektrickykh parametru polovodnikovych soucastek/. 23 p4042 A67-41274
- ZIMNI, W. F.
Determination of the thermal conductivity, the specific heat, and the weight by volume /gross density/ of insulations for rocket tanks filled with liquid hydrogen. I /Die bestimmung der Waermeleitfaehigkeit der spezifischen Waerme und des Raumgewichts /Rohdichte/ von Isolationen fuer mit fluessigem Wasserstoff gefuellte Raketentanks. I/. 19 p3346 A67-35567
- ZIMOGOROVA, N. S.
Electric and photoelectric properties of epitaxial gallium arsenide films /Elektricheskie i fotoelektricheskie svoystva epitaksial'nykh sloev arsenida gallia/. 12 p1984 A67-25521
Electrical and photoelectric properties of epitaxial films of gallium arsenide. 18 p3103 A67-34452
- ZINCHENKO, A. M.
Some methods of frame scanning in a character output element with point shaping of the character on the screen of a cathode-ray tube /CRT/ /Delaki sposobi rozgortki kadra u znakovomu vividnomu pristrli z tochkovim formuvanniam znaka na ekrani EPT/. 17 p2822 A67-33100
- ZINCHENKO, L. K.
Experimental assessment of the effect of atmospheric turbulence on the quality of star images /Opyt otsenki turbulentnosti atmosfery, vliialushchel na kachestvo izobrazhenia zvezd/. 02 p0261 A67-11989
- ZINCHUK, P. I.
Motion of a system of banked wings near a solid surface with optimum circulation distribution /Dvizhenie sistemy nakrenennykh kryl'ev vblizi tverdogo ekrana s optimal'nym raspredeleniem tsirkulatsii/. 18 p3024 A67-33542
- ZINENKO, G. P.
Stability and oscillations of three-layer rectangular plates with large cutouts /Ustoiichivost' i kolebania priamougol'nykh trekhslonnykh plastin s bol'shimi vyrezami/. 01 p0158 A67-10219
- ZINETS, O. S.
Light absorption that produced electron-hole complexes located near charged impurities in semiconductors /Pogloshchenie sveta s obrazovaniem elektronno-dyrochnykh kompleksov, lokalizovannykh u zariazhennykh primesel v poluprovodnikakh/. 19 p3300 A67-34767
- ZINGERY, W. L.
Amplitude and frequency characteristics of a ring laser. 04 p0635 A67-15777
- ZINGLER, A.
Study of the scatter of the normal diurnal variation of critical F sub 2 -layer frequencies /ionosphere/. 07 p1173 A67-19687
- ZINKE, O.
Application of elliptic integrals and their derivation through series or closed-form approximations /Anwendung elliptischer Integrale und ihre Berechnung durch Reihen oder geschlossene Naeherungen/. 24 p4178 A67-42205
- ZINKE, O. H.
Self-consistent time-of-flight analysis of a plasma gun. 15 p2523 A67-29214
- ZINKY, W. R.
Application of hologram techniques for particle size analysis. 10 p1653 A67-22748
Holography - A status report. 18 p3043 A67-33546
- ZINMAN, W. G.
Comment on experimental precursor studies. 01 p0118 A67-11193
- ZINN, B. T.
A theoretical study of nonlinear combustion instability in liquid propellant rocket engines. 01 p0142 A67-11412
- ZINN, S. V.
Triggered lightning strokes at very close range. 22 p3793 A67-39979
- ZINNOW, W.
The inertia of the Bellani-Mrose spherical pyranometer - Its influence on calibration /Die Traegheit des Kugelpyranometers nach Bellani-Mrose - Ihre Auswirkung auf Eichverfahren/. 21 p3827 A67-38445
A method for the absolute calibration of a pyrometer /Zur Methode der Absolutierung eines Pyrometers/. 21 p3627 A67-38446
- ZINOVEV, G. M.
Unitary statistical model of multiple particle production /Unitarnaya statisticheskaya model' mnozhestvennogo rozhdenia chastits/. 24 p4193 A67-42861
- ZINOVEV, V. A.
Micrometric measurements of Venus from 1964 through 1966 /Mikrometricheskie izmereniia Venery v 1964-1966 godakh/. 17 p2942 A67-32329
Synthesis of a mechanical system with a variator from a given motion of one of its units /Sintez mekhanicheskoi sistemy s variatorom po zadannomu dvizheniu odnogo iz zven'ev/. 17 p2885 A67-32967
- ZIOCK, K.
The annular lithium-drifted germanium detector as a standard-geometry gamma spectrometer. 12 p1945 A67-25861
- ZIOLKOWSKI, Z.
Investigation of the kinetics of mass transfer through a plane surface in liquid-liquid systems /Badanie kinetyki wymiany masy przez powierzchnie plaska w ukkladach ciecz-ciecz/. 19 p3345 A67-35566
- ZIPALOVA, V. F.
On the solution of nonlinear boundary value problems of the theory of elasticity by a method of transformation to an initial value Cauchy problem. 03 p0524 A67-13623
- ZIPIN, R. B.
A preliminary investigation of the bidirectional spectral reflectance of V-grooved surfaces. 03 p0426 A67-14398
- ZIPKIN, M.
Alkali metal Rankine cycle power systems for electric propulsion. [AIAA PAPER 66-890] 09 p1559 A67-21870
- ZIPKIN, M. A.
Alkali-metal, Rankine-cycle power systems for electric propulsion. [AIAA PAPER 66-890] 17 p2928 A67-32051
Components and systems design for a 400 kw Rankine cycle space power system. 24 p4186 A67-42887
- ZIPSER, E. J.
A study of a non-deepening tropical disturbance. 13 p2152 A67-27605
- ZIRIN, H.
The structure of the solar chromosphere. II. 03 p0514 A67-14312
The solar atmosphere. 03 p0515 A67-14331
Production of fast drift bursts. 04 p0691 A67-14485
Surveyor 1 observations of the solar corona. 08 p1386 A67-20943
Detailed analysis of flares, magnetic fields and activity in the sunspot group of Sept. 13-26, 1963. 10 p1703 A67-23799
Spectrographic observations of the flare of July 20, 1961. 14 p2381 A67-28835
- ZIRINSKY, S.
Utilization of an ultrasonic fatigue damage indicator for inspection and design. 01 p0165 A67-11362
Adoption of an ultrasonic monitoring technique to estimate fatigue limited serviceability of aircraft structures. [AIAA PAPER 67-793] 24 p4251 A67-42954
- ZIRKER, J. B.
On the motions of chromospheric fine-structure in a weak plage. 12 p2001 A67-25222
- ZIRKIND, R.
Perturbation to temperature soundings by boundaries and attenuating media. 02 p0239 A67-12406
Radiation from rocket-exhaust plumes. 18 p3152 A67-33821
Symposium on Electromagnetic Sensing of the Earth from Satellites, University of Florida, Coral Gables, Fla., November 22-24, 1965, Proceedings. 22 p3804 A67-40350
- ZISK, S. H.
Brightness distributions of radio sources at 2-centimeter wavelength. 03 p0511 A67-13796
- ZISMAN, W. A.
Cleaning by surface displacement of water and oils. 14 p2327 A67-28822
- ZITKO, J.
Contribution to the overrelaxation method /Poznamka k superrelaxacni metode/. 16 p2695 A67-30830
- ZITNY, K.
Some problems of the theory of the MHD boundary layer /Ueber einige Probleme der Theorie der MHD-Grenzschicht/. 17 p2901 A67-32348
- ZITRON, N. R.
A note on scattering of cylindrical waves by a circular cylinder. 03 p0374 A67-14356
- ZITZOW, U.
Characteristics of a family of diagonal conducting wall MHD generators. 12 p1898 A67-25381
An experimental and theoretical comparison of the performance of diagonal wall generators, Faraday generators and Hall current generators. 16 p2608 A67-30597
- ZIUGANOV, A. N.
Photopotentiometer operating as a

- functional converter /Fotopotsiometr v
rezhime funktsional'nogo
preobrazovaniya/. 18 p3009 A67-33469
- ZIUKOV, V. I.**
Influence of interelectrode distance on the
operation of a cesium thermionic
converter. 09 p1444 A67-22007
- ZIUZ, A. P.**
Slip casting of niobium carbide powders
/Shlikerne lit'e poroshkov karbida
niobia/. 20 p3466 A67-36909
- ZIUZIN-ZINCHENKO, A. A.**
Directed random search for the minimum
of a function in a multidimensional space
/Napravlennyi sluchainyi poisk minimuma
funktsii v mnogomernom
prostranstve/. 03 p0374 A67-13182
- ZIVI, S. M.**
Electrical conductivity of high-voltage
fraction two-phase flow in an MHD
generator. I. 23 p3942 A67-41758
- ZIZINE, J.**
Photoconductivity in germanium irradiated
at low temperature /Photoconductivite dans
le germanium irradie a basse
temperature/. 17 p2919 A67-32860
- Annealing kinetics of n-type germanium at
65 deg K. /Cinetique de guerison du
germanium de type n a 65 deg
K/. 17 p2919 A67-32861
- ZLATIN, N.**
Productibility aspects of aerospace
products with regard to machinability.
[ASTME PAPER WES-7-29] 11 p1798 A67-24257
- Machining the maraging
steels. 23 p4010 A67-41352
- ZLATIN, N. A.**
Magnetohydrodynamic instabilities during
electrical explosion. 01 p0126 A67-11296
- Thermal phenomena arising in impact of a
projectile on a metal
surface. 13 p2220 A67-27383
- ZLATKIS, A.**
Application of high resolution gas
chromatography-mass spectrometry to the
analysis of the pyrolysis products of
isoprene. 10 p1602 A67-22947
- Organic compounds in meteorites.
II. 24 p4236 A67-42640
- ZLOBINA, G. I.**
Some methods of frame scanning in a
character output element with point shaping
of the character on the screen of a cathode-
ray tube /CRT/. /Delaki sposobi rozgortki
kadra u znakovomu vlividnomu pristroi z
tochkovim formuvanniam znaka na ekrani
EPT/. 17 p2822 A67-33100
- ZLOTIN, V. V.**
Study of instrument errors in a RDG radio
range-finder /Issledovanie instrumental'nykh
oshibok radiodal'nomera
RDG/. 20 p3446 A67-36632
- ZLOTNIKOVA, N. V.**
Dynamic model of a clock in a magnetic
field /Dinamicheskaya model' chasov v
magnitnom pole/. 21 p3625 A67-37988
- ZMBOV, K. F.**
Mass-spectrometric studies at high
temperatures. IX. 03 p0367 A67-13519
- Mass spectrometric studies at high
temperatures. XVI. 20 p3377 A67-37135
- ZMEIKOV, V. N.**
Turbulent structure of rotary flows in
annular channels between rotating coaxial
cylinders /Turbulentnaya struktura
krugovogo potoka v kol'tsevykh kanalakh
mezhdu vrashchalushchimisya koaksial'nymi
tsilindrami/. 24 p4142 A67-42214
- ZMIEVSKAYA, G. I.**
Stratified and faceted forms on panoramas
obtained from the Luna-9 space station
/Sloistye i granevye formy na panoramakh,
poluchennykh so stantsii
Luna-9/. 01 p0150 A67-10904
- ZMIEVSKII, V. I.**
Study of the mechanical properties of
some titanium alloys at low temperatures
/Issledovanie mekhanicheskikh svoystv
nekotorykh titanovykh spлавov pri nizkikh
temperaturakh/. 09 p1518 A67-21966
- ZMII, V. I.**
Vacuum siliconizing of refractory
metals. 19 p3236 A67-34918
- ZMUDA, A. J.**
Transverse magnetic disturbances at 1100
kilometers in the auroral
region. 03 p0409 A67-12944
- Dayside magnetic disturbances at 1100
kilometers in the auroral
oval. 08 p1329 A67-21487

- The auroral oval. 09 p1492 A67-22060
- ZNACHKO, V. A.**
Some results of medical supervision of the
state of the cosmonauts P. I. Belyaev and A.
A. Leonov during training and orbital
flight. 11 p1748 A67-24080
- ZNOJIL, V.**
Meteor sighting probability and the
problem of the actual number of
meteors. 03 p0511 A67-13815
- ZOBRIST, G. W.**
Sensitivity analysis. 19 p3200 A67-34846
- ZOELLER, O.**
Negative characteristic and instability of
the collision-dominated helium plasma
column. 16 p2719 A67-31229
- ZOJA, R.**
Diffusion bonding of titanium to steel
/Diffusionsschweissung von Titan mit
Stahl/. 09 p1520 A67-22436
- ZOLDAN, G.**
Analytical representations of the
admittance matrix of transistors
/Rappresentazioni analitiche della matrice di
ammettenze dei
transistori/. 13 p2081 A67-27199
- Problems connected with indirect
measurements of some differential
parameters of transistor switching /Problemi
relativi alle misure indirette di alcuni
parametri differenziali di trasferimento dei
transistori/. 20 p3396 A67-36379
- ZOLLER, L. K.**
Prospectus for NDT in the Saturn and
advanced space flight
programs. 02 p0250 A67-12631
- ZOLOGIN, G. N.**
Flow in the neighborhood of the
stagnation point with magnetic fields
parallel and perpendicular to the body
surface. 16 p2723 A67-31581
- ZOLOTAREV, I. D.**
Reaction of a multicascade resonance
amplifier to a sine-square radio pulse
/Reaktsiya mnogokaskadnogo rezonansnogo
usilitela na sinuskvadratnyi
radioimpuls/. 03 p0376 A67-13091
- Characteristics of the unsteady process
occurring during the formation of radio
pulses in a resonant amplifier /Ob
osobennostyakh nestatsionarnogo protsessa
pri formirovani radioimpul'sov v
rezonansnom usilitel'. 18 p3010 A67-33509
- ZOLOTOTRUBOV, I. M.**
Coaxial plasma gun in a longitudinal
magnetic field. 06 p1039 A67-18084
- Structure of plasmoids formed by a
coaxial gun-effect of electrode
polarities. 06 p1040 A67-18085
- Coaxial plasma gun in a longitudinal
magnetic field /Koaksial'naya plazmennaya
pushka v prodol'nom magnitnom
pole/. 15 p2525 A67-29253
- ZOLOTOV, A. V.**
Estimation of the parameters of the
Tunguska cosmic body on the basis of new
data /Otsenka parametrov tungusskogo
kosmicheskogo tela po novym
dannym/. 10 p1710 A67-23611
- Possibility of a "thermal" explosion and
the structure of the Tungus space body /K
voprosu o vozmozhnosti "teplovogo" vzryva i
strukture tungusskogo kosmicheskogo
tela/. 15 p2558 A67-30010
- The possibility of "thermal" explosion and
the structure of the Tungus
meteorite. 20 p3530 A67-37534
- Estimation of the parameters of the
Tungus meteorite based on new
data. 20 p3530 A67-37535
- ZOLOTOV, B. D.**
Efficiency of the optical system of a solid-
state laser with cathode luminescent
pumping. 24 p4169 A67-42892
- ZOLOTOV, I. G.**
Westward drift of the earth's nondipole
magnetic field and solar activity /Zapadnyi
dreyf nedipol'nogo magnitnogo polya zemli i
solnechnaya aktivnost'/. 02 p0237 A67-11679
- Representation of the geomagnetic field
by means of multipoles. 12 p1932 A67-25538
- Westward drift of the nondipole
geomagnetic field and solar
activity. 16 p2865 A67-31094
- The western and equatorial components of
the drift of the geomagnetic field /O
zapadnoi i ekvatorial'noi sostavlyalushchikh
dreyfa geomagnitnogo
polya/. 21 p3622 A67-39026
- ZOLOTOVA, O. M.**
Approximate linear solutions of some

- plane gas dynamical
problems. 17 p2841 A67-33286
- ZOLOTUKHIN, V. K.**
Constrained torsion of a multispar box
with allowance for the work of the
diaphragms /Stesnennoe kruchenie kessonov s
uchetom raboty
diagram/. 21 p3728 A67-38906
- ZONARS, D.**
Nonequilibrium regime of airflows in
contoured nozzles - Theory and experiments.
[AIAA PAPER 66-2] 05 p0750 A67-17340
- ZONENASHVILI, I. A.**
Mixed problem of the flexure of an elastic
plate /Smeshannaya zadacha izgiba uprugoi
plastinki/. 08 p1422 A67-21201
- ZONSHAIN, S. I.**
Aerodynamics and the Design of Flight
Vehicles /Aerodinamika i Konstruktsiya
Letatel'nykh Apparatov/. 21 p3566 A67-37833
- ZOOK, J. D.**
Electro-optic effects in paraelectric
perovskites. 02 p0296 A67-11821
- Temperature dependence and model of
the electro-optic effect in LiNbO₃ sub
3. 22 p3863 A67-40235
- ZORIN, E. I.**
The physical properties of Ge and Si
bombarded by different ions of medial
energies /20 to 150 kev/. 17 p2916 A67-32839
- ZORN, J. C.**
Molecular beam measurement of the
hyperfine structure of super 85 Rb super 19
F. 11 p1821 A67-23961
- ZORSKI, H.**
Theory of discrete
defects. 05 p0908 A67-16038
- Linear equations of motion of a
concentrated defect. 22 p3909 A67-39292
- ZORSKIE, J.**
Measurement of rotational-velocity and
ion-density profiles in plasma
vortices. 19 p3288 A67-35361
- ZOTOV, T. D.**
Magnetic, microwave and electric
properties of some oxide compounds of
divalent europium. 16 p2733 A67-31732
- ZOTOVA, O. M.**
Solution of some two-dimensional
problems in gas dynamics in a linear
approximation /Reshenie nekotorykh
dvumernykh zadach gazodinamiki v lineinom
priblizhenii/. 02 p0233 A67-11969
- ZOZULIA, B. I.**
Effect of heat treatment on the
parameters of Au-doped silicon /Vliyanie
termicheskoi obrabotki kremniya,
legirovannogo zolotom, na ego
parametry/. 19 p3299 A67-34761
- ZOZULIA, G. V.**
Surface and volume diffusion in thin film
of the system Ag-Se. 12 p1979 A67-25179
- ZOZULIA, V. D.**
The life of porous bearings relative to the
grade of impregnating
lubricants. 10 p1659 A67-22831
- ZU KOECHER, H. M.**
Ablative-cooling technique for rocket
engines /Zur Ablationskuehltechnik in
Raketentriebwerken/. 02 p0306 A67-12791
- ZU KOECHER, H. M.**
The use of fluorine in high-energy upper-
stage propulsion units /Ueber die
Verwendung von Fluor bei
hochenergetischen
Oberstufenantrieben/. 14 p2377 A67-28979
- ZUBAREV, I. G.**
Alignment of multimirror
laser. 01 p0087 A67-10162
- Semiconductor CdSe laser with two-photon
optical excitation. 04 p0633 A67-15299
- Semiconductor lasers
using optical
pumping. 06 p1013 A67-18930
- ZUBAREV, P. V.**
Mechanico-thermal treatment as an
effective method of increasing the high-
temperature strength of metals and
alloys. 19 p3247 A67-35852
- ZUBAREV, T. N.**
Equations of laser emission dynamics /Ob
uravneniyakh dinamiki izlucheniya v
opticheskikh kvantovykh
generatorakh/. 18 p3061 A67-34388
- ZUBAREV, V. N.**
The motion of explosion products behind
the front of a detonation
wave. 04 p0606 A67-15184
- ZUBAVIN, V. B.**
Oxygen balance of the organism during
prolonged accelerations /Kislorodnyi balans
organizma pri dlitel'nykh

- uskoreniiakh/. 02 p0188 A67-12329
- ZUBCHANINOV, V. G.**
On the elastoplastic stability of plates. 04 p0708 A67-14786
An experimental investigation of the buckling of axially compressed cylindrical shells. 13 p2219 A67-26904
- ZUBEK, J. P.**
Effects of immobilization - Behavioural and EEG changes. 11 p1748 A67-25064
- ZUBER, H.**
Some remarks on Z-pinch onset in an electron-hole plasma in n-InSb. 18 p3098 A67-33523
- ZUBER, N.**
The propagation and the wave form of the vapor volumetric concentration in boiling, forced convection system under oscillatory conditions. 01 p0167 A67-10974
Stability of dry patches forming in liquid films flowing over heated surfaces. 01 p0167 A67-10975
- ZUBER, R.**
A method of successive approximations. 04 p0642 A67-14481
- ZUBKOV, A. I.**
Supersonic regions in three-dimensional separated flows /O sushchestvovanii sverkhzvukovykh zon v prostranstvennykh otryvnykh techeniiakh/. 10 p1590 A67-23025
Supersonic flow past an obstacle in the form of a gas jet on a plate /Obtekanie struinogo gazoobraznogo prepiatstviia na plastine sverkhzvukovym potokom/. 18 p3027 A67-34207
- ZUBOV, I. U. G.**
Energy of ions ejected from a high-frequency source /Energiia ionov, vykhodiashchikh iz vysokochastotnogo istochnika/. 03 p0424 A67-14261
Nanosecond-pulse ion source /Nanosekundnyi impul'snyi istochnik ionov/. 03 p0425 A67-14262
Energy of ions emerging from high-frequency sources. 14 p2321 A67-28773
A nanosecond pulsed ion source. 14 p2321 A67-28774
- ZUBOV, V. I. A.**
Effect of plastic deformation with subsequent thermal treatment on the Young's modulus and crystallographic texture of Invar-type Fe-Ni-Ti alloys /Vliianie plasticheskoi deformatsii i posleduiushchei termicheskoi obrabotki na modul iunga i kristallograficheskuiu teksturu Fe-Ni-Ti splavov Invarnogo tipa/. 05 p0831 A67-17485
- ZUBRITSKII, L. A.**
Stabilization of the input impedance of channel-type transistors by extraction of minority charge carriers /Stabilizatsiia vkhodnogo soprotivleniia kanal'nykh tranzistorov putem ekstrakttsii neosnovnykh nositelei zariada/. 18 p3009 A67-33478
- ZUCCARO, D. E.**
Measurement of the resonant charge exchange cross section of mercury and cesium. [AIAA PAPER 67-682] 21 p3660 A67-38713
- ZUCHOWICZ, K.**
High-energy ignition system for use in jet engines /Uklad zaplonowy duzej energii stosowany w silnikach odrzutowych/. 09 p1559 A67-21691
- ZUCKER, F. J.**
Progress in radio waves and transmission of information. 06 p0962 A67-18071
Partial coherence - A nonstatistical approach, and some basic microwave experiments. 09 p1510 A67-21584
- ZUCKER, H.**
Fresnel region approximations for wide angles and large Fresnel numbers. 03 p0384 A67-13844
Modes of a Fabry-Perot laser resonator with output-coupling apertures. 20 p3460 A67-37024
- ZUCKERMAN, B.**
A search for the lambda-doublet transition in the super 2 p₁ sub 1/2, J equals 1/2 state of OH. 13 p2198 A67-26715
Observations of OH emission in the H II region W3 with a 74400 lambda interferometer. 14 p2389 A67-28845
- ZUCKERMANN, M. J.**
Magnetic breakdown, Fermi surface, and galvanomagnetic properties in antiferromagnetic metals. 21 p3676 A67-37817
Magnetic impurities and superconductivity below the Kondo temperature. 21 p3680 A67-38350
- ZUERN, V.**
Statistical investigations of the long-period pulsations of the geomagnetic field /Statistische Untersuchungen ueber langperiodische Pulsationen des erdmagnetischen Feldes/. 06 p0993 A67-17596
- ZUEV, B. M.**
Experimental study of the dynamic stability of spherical segments /Eksperimental'noe issledovanie dinamicheskoi ustoiichivosti sfericheskikh segmentov/. 22 p3910 A67-39456
- ZUEV, I. U. S.**
Stress-rupture strength and durability of elastic materials /O dlitel'noi prochnosti i dolgovechnosti elastichnykh materialov/. 22 p3824 A67-39221
- ZUEV, V. E.**
Remarks on models of absorption spectra /Nekotorye zamechania o modeliiakh spektrov pogloshcheniia/. 01 p0109 A67-11043
Accuracy of the determination of the positions of the lines in the spectra of atmospheric gases for estimating the absorption of laser radiation in the atmosphere /O tochnosti opredeleniia polozheniia lini v spektrakh atmosferynykh gazov dlia otsenki pogloshcheniia izlucheniia lazerov v atmosfere/. 20 p3462 A67-37559
Experimental investigation of the absorption of the emission from a 1.15-mu gas laser in the atmosphere /Eksperimental'noe issledovanie pogloshcheniia izlucheniia gazovogo lazera s dlinoi volny 1,15 mk v atmosfere/. 20 p3386 A67-37606
Experimental investigation of the range of applicability of the Bouguer law for describing the attenuation of narrow collimated light beams in scattering media /Eksperimental'noe issledovanie granits primenimosti zakona Bugera dlia opisaniia oslableniia uzkiikh kollimirovannykh svetovykh puchkov v rasselvalushchikh sredakh/. 20 p3462 A67-37666
Experimental investigation of the absorption of the radiation of gas lasers with wavelengths of 3.39 and 3.51 mu in the atmosphere /Eksperimental'noe issledovanie pogloshcheniia izlucheniia gazovykh lazerov s dlinaimi voln 3,39 i 3,51 mkm v atmosfere/. 20 p3463 A67-37668
- ZUEV, V. O.**
Surface photo emf in semiconductors with short-lived minority carriers /Poverkhneva foto-E.R.S. u naplvpovodnikov z malim chasom zhittia neosnovnykh nosliv strumu/. 04 p0686 A67-15969
- ZUEV, V. S.**
Giant superluminescence pulses. 01 p0091 A67-10837
Short-pulse Q-switched laser with variable pulse length. 05 p0817 A67-16641
Giant pulse structure in a laser with instantaneous Q-switching. 10 p1666 A67-23584
- ZUEVA, N. M.**
Theory of nonlinear oscillations of an electron plasma /K teorii nelineynykh kolebanii elektronnoi plazmy/. 13 p2171 A67-27615
- ZUHRT, H.**
Shape and properties of signals /Form und Eigenschaften der Signale/. 07 p1141 A67-19338
Transmission methods /Uebertragungsverfahren/. 07 p1141 A67-19339
- ZUIKOVA, N. A.**
Some mechanical and physical properties of the AT13 alloy /Nekotorye mekhanicheskie i fizicheskie svoistva splava AT13/. 07 p1207 A67-19287
- ZUK, J.**
Experimental and theoretical study of the viscoseal. 03 p0428 A67-13226
Convective inertia and gas ingestion effects on flow regimes of the viscoseal - Theory and experiment. 14 p2327 A67-28797
- ZUKAS, E. G.**
Dependence of rate of creep on the orientation of the tensile axis for heavily oriented graphite. 05 p0833 A67-16892
- ZUKOSKI, E. E.**
Distortion of a free surface during tank discharge. 02 p0233 A67-11945
Further experiments concerning secondary injection of gases into a supersonic flow. 04 p0604 A67-14831
Turbulent boundary-layer separation in front of a forward-facing
- step. 21 p3613 A67-38853
- ZUKOTYNSKI, S.**
The effect of higher bands on the effective masses in InSb and InAs. 04 p0677 A67-14935
- ZULEEG, R.**
Silicon-on-sapphire transistors point way to microwave IC's. 10 p1610 A67-22972
Thin-film lateral bipolar transistor in silicon-on-sapphire structure. 13 p2078 A67-26779
A silicon space-charge-limited triode and analog transistor. 13 p2083 A67-27571
Multi-channel field-effect transistor theory and experiment. 15 p2446 A67-29635
Double injection in evaporated silicon films. 16 p2728 A67-31035
Space-charge-limited currents in heteroepitaxial films of silicon grown on sapphire. 23 p4038 A67-40785
- ZUMOFF, B.**
Evaluation of vasomotor instability by means of the blood pressure response to carotid sinus pressure. 05 p0756 A67-16290
- ZUND, J.**
Gravitational radiation /Sur la radiation gravitationnelle/. 17 p2884 A67-32703
- ZUNG, J. T.**
Evaporation-condensation coefficient for small droplets. 11 p1884 A67-24989
- ZUPKUS, C. J.**
Prediction of ball-spin and interfacial slip friction from room to 2500 deg F. [ASLE PAPER 66AM 5D4] 08 p1335 A67-21037
- ZURANSKI, J.**
Studies of spoiler aerodynamics /Badania aerodynamiczne spoilerow/. 22 p3739 A67-39535
- ZURAW, E. A.**
Closing the ecology. [AIAA PAPER 66-935] 02 p0187 A67-12278
- ZURBRICK, J. R.**
Properties determination and process control of boron filament composites using nondestructive test methods. 03 p0455 A67-13447
The quantitative evaluation of reinforced plastics using NDT. 22 p3826 A67-39860
- ZUZAK, W. W.**
Wave-plasma interactions involving intense runaway electron streams. 19 p3291 A67-35381
- ZVARA, M.**
Interband Faraday effect in CdTe single crystals. 04 p0676 A67-14933
- ZVEREV, A.**
Varactors and frequency multipliers. 01 p0034 A67-10165
Designing varactor multipliers. 13 p2089 A67-27724
Investigation of a two-beam capacitive converter /Issledovanie dvukhluchevogo emkostnogo preobrazovatelya/. 22 p3795 A67-39229
- ZVEREV, A. E.**
Certain questions relating to the synthesis of capacitive converters /Nekotorye voprosy sinteza emkostnykh preobrazovatelye/. 06 p1003 A67-18175
- ZVEREV, G. M.**
Self-focusing of laser beams in ruby and leucosapphire crystals. 21 p3639 A67-38094
Stimulated emission and spectroscopic investigations of double lanthanum-sodium molybdate single crystals with neodymium impurities. 23 p4039 A67-40901
- ZVEREV, L. P.**
Effect of a magnetic field on the emission of GaAs diodes /Vliianie magnitnogo polia na izluchenie diodov iz GaAs/. 15 p2543 A67-30251
- ZVEREV, M. M.**
Laser emission in electron-beam excited ZnSe. 07 p1197 A67-20183
- ZVEREV, N. M.**
Toroidal stellarator-type magnetic trap with external plasma injection /Toroidal'naia magnitnaia lovushka stellaratornogo tipa s vneshnei inzhetsiei plazmy/. 17 p2904 A67-32911
- ZVEREVA, R. A.**
Selection of the type and parameters of a turbine driven by compressed air from a cylinder /O vybere tipa i parametrov turbiny, rabotaiushchei ot ballona so szhatym vozdukhom/. 14 p2252 A67-28652
- ZVIAGIN, I. P.**
Effect of a thermoelectric current on the stability of the electric current and charge distribution in semiconductors /Vlianie termoelektricheskogo toka na ustoiichivost'

- raspredeleniia elektricheskogo polia i zariada v poluprovodnikakh/. 03 p0489 A67-13144
Effect of the thermoelectric current on the stability of the electric field and charge distribution in a semiconductor. 10 p1689 A67-23094
- ZVIRIN, Y.**
Heat transfer between a pulsating impinging jet and a flat surface. 11 p1882 A67-24229
- ZVOLINSKII, N. V.**
Determination of the unloading wave in a specific case /Ob opredelenii volny razgruzki v odnom chastnom sluchae/. 10 p1721 A67-23685
Determination of the unloading wave in a particular case. 21 p3720 A67-38286
- ZVONKOVICH, V. C.**
A parameter optimization procedure for multi-stage vehicles. [AAS PAPER 66-111] 07 p1253 A67-19970
A parameter optimization procedure for multi-stage vehicles. [AAS PAPER 66-111] 13 p2214 A67-27527
- ZWAAN, C.**
Note on the normalization of the NBS g-values and on the solar abundances of the alkali metals. 07 p1256 A67-20167
The interpretation of the equivalent widths of atomic and ionic lines in the spectra of umbrae. 13 p2203 A67-27426
Small-scale solar magnetic fields and "invisible sunspots." 17 p2953 A67-33404
- ZWANZIG, R.**
Anomalous specific heat and viscosity of binary van der Waals mixtures. 11 p1884 A67-24990
- ZWAS, G.**
Trajectory of a rebounding detonation wave. 10 p1626 A67-23152
- ZWEBER, C.**
Dynamic instability of circular, cylindrical shells having viscoelastic cores. 14 p2399 A67-28118
- ZWEIFACH, B. W.**
The utilization of space technology in the fight against cardiovascular disease. [AIAA PAPER 66-951] 02 p0187 A67-12285
- ZWEIG, G.**
Search for fractionally charged particles in cosmic rays near sea level. 15 p2550 A67-29680
- ZWICKY, F.**
Compact and dispersed cosmic matter. I. 22 p3890 A67-40429
- ZWIEBACK, E. L.**
Recording aircraft flyover noise. 23 p3999 A67-41145
- ZWIENER, J. M.**
Infrared emission during a simulated lunar eclipse. [AIAA PAPER 67-290] 12 p2009 A67-26007
- ZWINGERS, W. E.**
Preparation of photolithographic masks for integrated and thin-film circuits /Herstellung von fotolithografischen Masken fuer integrierte Schaltungen und Duenn-film-Schaltungen/. 13 p2124 A67-27390
- ZWIRN, S.**
Imaging system aspects of an unmanned ground-viewing satellite. 20 p3452 A67-37310
- ZWOLAK, E.**
Correction of electrohydraulic servomechanisms /Korekcja serwomechanizmow elektrohydraulicznych/. 09 p1442 A67-21687
Tests with multiplate hydraulic actuators /Badania hydraulicznych dlawikow wieloplytkowych/. 16 p2608 A67-31007
- ZYBIN, G. P.**
Investigation of electron guns with electron beam current control. 14 p2276 A67-27767
- ZYBIN, K. IU.**
Alfven velocity distribution in the magnetosphere /K voprosu o raspredelenii al'fvenovskoi skorosti v magnitosfere/. 05 p0795 A67-16062
Polarization properties of geomagnetic micropulsations at middle latitudes /Svoistva polarizatsii sredneshirotnykh geomagnitnykh mikropul'satsii/. 17 p2847 A67-32941
Magnetosonic resonances in the exosphere /K voprosu o magnitovukovykh rezonansakh v ekzosfere/. 18 p3042 A67-34389
Alfven velocity distribution in the magnetosphere. 21 p3616 A67-37849
- ZYCZKOWSKI, M.**
Optimum profile design of a thin-walled bar under combined torsion and bending /Optymalne kształtowanie przekroju pręta cienkościennego jednocześnie skręcanego i zginanego/. 05 p0916 A67-16242
Combined loadings in the theory of plasticity. 15 p2576 A67-30146
- ZYKOV, A. M.**
Investigation of the injection electroluminescence of p-n junctions in gallium phosphide /Issledovanie in'ektsionnoi elektroluminestsentsii p-n-perekhodov v fosfide gallia/. 14 p2368 A67-28531
Investigation of the injection electroluminescence of p-n junctions in gallium phosphide. 23 p4039 A67-40938
- ZYKOV, V. G.**
Plasma three-dimensional polarization interaction in a magnetic multipole /Ob'emnoe polarizatsionnoe vzaimodel'stvie plazmy v magnitnom multipole/. 04 p0667 A67-15210
Volume-polarization interaction of plasma in a magnetic multipole. 15 p2532 A67-30258
Electron heating by a direct discharge during plasmoid interactions involving polarization /Nagrev elektronov s pomoshch'yu priamogo razriada v polarizatsionno-vzaimodel'stvulushchikh plazmennykh sgustkakh/. 16 p2717 A67-31182
- ZYKOV, V. M.**
Electrical method for plasma flux cutoff /Elektricheskii metod otsechki plazmennogo potoka/. 04 p0667 A67-15213
An electrical method for plasma flux cutoff. 15 p2532 A67-30261
- ZYLBERSZTEJN, A.**
Hall effect of n-type GaAs in high electric fields. 16 p2731 A67-31449
Contribution to the study of hot-electron phenomena in semiconductors at very low temperatures /Contribution a l'etude des phenomenes d'electrons chauds dans les semi-conducteurs a tres basse temperature/. 17 p2914 A67-32378
- ZYMANSKI, M.**
Measurement of the density of a developing plasma obtained through laser ionization by means of a Fabry-Perot interferometer /Mesure de la densite d'un plasma en evolution obtenu par ionisation laser a l'aide de l'interferometre Fabry-Perot/. 15 p2527 A67-29474
- ZYSINA-MOLOZHEN, L. M.**
Calculation of the temperature fields in a blade of a high-temperature gas turbine during internal cooling /Raschet polei temperatur v lopatke vysokotemperaturnoi gazovoi turbiny pri vnutrennem okhlazhdenii/. 17 p2973 A67-33076
- ZYSMAN, G. I.**
Some properties and limitations of electronically steerable phased array antennas. 24 p4130 A67-42339

LISTING OF CONTRACT NUMBERS

Listed under each contract number is the IAA accession number preceded by the issue and page number, identifying the location of the abstract in *International Aerospace Abstracts*.

Issue Page Accession
Number Number Number
 ↓ ↓ ↓
 01 p0103 A67-10295

ACDA/ST-71
15 p2418 A67-30208

ACS G-P77-H
20 p3377 A67-37159

AEC G-1469
02 p0259 A67-11802

AF 03/695/-669
08 p1378 A67-21470

AF /04-3/-517
18 p3113 A67-33973

AF 04/600/-1122
24 p4177 A67-42916

AF 04/611/-7023
15 p2433 A67-29880

AF 04/611/-7414
06 p1071 A67-17984

AF 04/611/-7554
02 p0247 A67-12689 23 p3971 A67-40975
22 p3867 A67-39639

AF 04/611/-8176
17 p2864 A67-31993

AF 04/611/-8538
04 p0686 A67-14472

AF 04/611/-9065
06 p0981 A67-18473

AF 04/611/-9073
14 p2297 A67-28108

AF 04/611/-9380
01 p0019 A67-10765

AF 04/611/-9578
17 p2864 A67-31993

AF 04/611/-9945
15 p2544 A67-29999

AF 04/611/-9946
02 p0302 A67-12284

AF 04/611/-10741
06 p0981 A67-18473

AF 04/611/-10750
13 p2214 A67-27655

AF 04/611/-10830
15 p2545 A67-29431

AF 04/611/-10919
15 p2544 A67-29999

AF 04/611/-11202
02 p0247 A67-12689 06 p0955 A67-17986
06 p0955 A67-17985 22 p3867 A67-39639

AF 04/611/-11204
17 p2864 A67-31993

AF 04/611/-11616
18 p3158 A67-33951 19 p3310 A67-35014

AF 04/647/-269
09 p1542 A67-21809

AF 04/647/-476
01 p0085 A67-11373

AF 04/694/-1
05 p0902 A67-17209 22 p3780 A67-40091

AF 04/694/-36
04 p0622 A67-15265 22 p3826 A67-39860

AF 04/694/-110
20 p3549 A67-36741

AF 04/694/-127
05 p0875 A67-17366 15 p2582 A67-29998

AF 04/694/-222
08 p1426 A67-20561

AF 04/694/-239
01 p0007 A67-11166

AF 04/694/-308
07 p1221 A67-20084

AF 04/694/-312
11 p1875 A67-24611

AF 04/694/-414
01 p0007 A67-11165 03 p0405 A67-14028

AF 04/694/-427
01 p0164 A67-11184 10 p1725 A67-23715
01 p0164 A67-11185 15 p2416 A67-29432
01 p0164 A67-11191

AF 04/694/-438
05 p0902 A67-17209

AF 04/694/-473
06 p1117 A67-18478

AF 04/694/-549
05 p0902 A67-17209

AF 04/694/-566
06 p0974 A67-17930 23 p4026 A67-41732
16 p2758 A67-30660

AF 04/694/-570
04 p0549 A67-15832

AF 04/694/-587
03 p0370 A67-13852

AF 04/694/-638
14 p2299 A67-28173

AF 04/694/-641
14 p2384 A67-28127

AF 04/694/-655
17 p2959 A67-32412

AF 04/694/-663
17 p2839 A67-33009 18 p3026 A67-33959

CONTRACT NUMBER INDEX

AF 04/694/-687					
01 p0007 A67-11168	10 p1734 A67-23722				
02 p0177 A67-11514	12 p1893 A67-25903				
06 p0989 A67-18468	19 p3249 A67-35554				
AF 04/694/-690					
04 p0661 A67-15764	11 p1750 A67-25066				
06 p0940 A67-18353	18 p2997 A67-33791				
08 p1275 A67-20379	18 p3081 A67-33783				
09 p1540 A67-21789					
AF 04/694/-728					
11 p1773 A67-24351					
AF 04/694/-748					
06 p0941 A67-18467	15 p2417 A67-30188				
AF 04/694/-776					
09 p1496 A67-21708					
AF 04/694/-777					
20 p3414 A67-36516					
AF 04/694/-807					
06 p0938 A67-18257	12 p1893 A67-25927				
06 p0938 A67-18261	17 p2793 A67-33006				
09 p1457 A67-22023					
AF 04/694/-834					
22 p3836 A67-39389	24 p4121 A67-42265				
AF 04/694/-890					
01 p0070 A67-11033	06 p0989 A67-18480				
06 p0943 A67-18870	16 p2620 A67-31760				
AF 04/694/-897					
11 p1790 A67-24450					
AF 04/694/-913					
24 p4196 A67-42196					
AF 04/694/-917					
23 p3982 A67-41666					
AF 04/694/-931					
11 p1827 A67-23882					
AF 04/694/-983					
21 p3565 A67-38876					
AF 04/694/-8881					
19 p3197 A67-35823					
AF 04/695/-149					
06 p1005 A67-18714					
AF 04/695/-150					
23 p3935 A67-40846					
AF 04/695/-242					
23 p3992 A67-41739					
AF 04/695/-269					
02 p0212 A67-11606	12 p1907 A67-26083				
04 p0572 A67-15034	14 p2375 A67-28999				
06 p0993 A67-18893					
AF 04/695/-469					
01 p0023 A67-10464	06 p1016 A67-17897				
02 p0212 A67-11606	11 p1780 A67-24539				
03 p0410 A67-12952	17 p2961 A67-32778				
04 p0717 A67-15909	21 p3608 A67-38863				
05 p0909 A67-16139					
AF 04/695/-517					
13 p2188 A67-26847					
AF 04/695/-526					
02 p0263 A67-11925					
AF 04/695/-537					
02 p0226 A67-12152					
AF 04/695/-539					
01 p0023 A67-10498					
AF 04/695/-569					
01 p0143 A67-10254	22 p3794 A67-40364				
AF 04/695/-592					
07 p1163 A67-19379					
AF 04/695/-610					
16 p2629 A67-31529					
AF 04/695/-614					
18 p3142 A67-33894					
AF 04/695/-669					
01 p0143 A67-10254	08 p1276 A67-20571				
03 p0397 A67-14027	08 p1320 A67-20570				
03 p0485 A67-14045	08 p1379 A67-21484				
04 p0567 A67-15949	09 p1461 A67-21596				
04 p0598 A67-15254	09 p1461 A67-21599				
04 p0658 A67-15508	09 p1462 A67-21610				
04 p0685 A67-15704	09 p1470 A67-21625				
05 p0822 A67-16679	11 p1742 A67-24347				
05 p0928 A67-17334	11 p1750 A67-24995				
06 p0955 A67-17983	11 p1881 A67-23880				
06 p1033 A67-18538	16 p2625 A67-31270				
06 p1037 A67-18573	18 p3001 A67-34114				
07 p1144 A67-19868	19 p3310 A67-34805				
07 p1148 A67-19742					
AF 04/695/-725					
11 p1859 A67-24317					
AF 04/695/-746					
01 p0026 A67-10866	11 p1764 A67-24435				
AF 04/695/-860					
16 p2647 A67-31651					
AF 04/695/-880					
15 p2431 A67-29895					
AF 04/695/-943					
17 p2820 A67-32503					
AF 04/695/-996					
15 p2566 A67-29831					
AF 04/695/-1001					
08 p1366 A67-21514	19 p3318 A67-35198				
10 p1592 A67-23155	19 p3344 A67-34819				
12 p1920 A67-25406	20 p3378 A67-37561				
13 p2072 A67-27493	20 p3444 A67-36529				
13 p2177 A67-27016	20 p3527 A67-37393				
13 p2191 A67-26324	20 p3534 A67-37617				
15 p2476 A67-29618	21 p3650 A67-38874				
15 p2503 A67-29562	21 p3663 A67-37765				
15 p2572 A67-30211	21 p3676 A67-37816				
16 p2592 A67-30955	22 p3886 A67-40086				
16 p2640 A67-31364	22 p3889 A67-40240				
17 p2810 A67-33260	23 p3939 A67-41508				
17 p2813 A67-32495	23 p4006 A67-41381				
17 p2945 A67-32653	23 p4049 A67-41736				
18 p3161 A67-33494	24 p4125 A67-42430				
19 p3177 A67-35774					
AF 04/696/-473					
04 p0547 A67-14819					
AF 04/697/-857					
10 p1725 A67-23715					
AF 04/964/-690					
03 p0474 A67-14025	22 p3756 A67-39386				
AF 05/695/-1001					
15 p2473 A67-30207					
AF 08/635/-3781					
10 p1725 A67-23716					
AF 08/635/-5029					
04 p0624 A67-15325					
AF 18/603/-53					
07 p1251 A67-19914					
AF 19/604/-5482					
18 p3105 A67-34629					
AF 19/604/-5566					
02 p0292 A67-11746					

CONTRACT NUMBER INDEX

AF 19/604/-7262 13 p2082 A67-27407		AF 19/628/-2428 02 p0245 A67-12223	
AF 19/604/-8342 15 p2484 A67-30301		AF 19/628/-2434 02 p0213 A67-11647	
AF 19/604/-8423 01 p0106 A67-10733		AF 19/628/-2449 05 p0808 A67-17307	
AF 19/624/-3387 14 p2301 A67-28183		AF 19/628/-2461 16 p2626 A67-31345	16 p2626 A67-31346
AF 19/624/-3887 13 p2098 A67-26946		AF 19/628/-2473 13 p2193 A67-27249	
AF 19/628/-67-C-0044 23 p4069 A67-41474		AF 19/628/-2487 12 p1962 A67-26120	
AF 19/628/-67-C-0096 24 p4194 A67-41872		AF 19/628/-2498 11 p1751 A67-23969	
AF 19/628/-235 02 p0245 A67-12223		AF 19/628/-2761 19 p3216 A67-35194	
AF 19/628/-246 04 p0615 A67-14970		AF 19/628/-2763 05 p0766 A67-17297	09 p1462 A67-21606
AF 19/628/-251 20 p3437 A67-36341		AF 19/628/-2773 08 p1317 A67-21093	
AF 19/628/-323 15 p2509 A67-29383		AF 19/628/-2788 06 p0964 A67-18575	15 p2484 A67-30304
AF 19/628/-351 15 p2480 A67-30278		AF 19/628/-2829 05 p0797 A67-16851	
AF 19/628/-363 15 p2470 A67-29227		AF 19/628/-2938 02 p0186 A67-12231	
AF 19/628/-378 03 p0505 A67-12950	06 p1077 A67-17875	AF 19/628/-2998 08 p1295 A67-21080	
AF 19/628/-379 15 p2443 A67-29239		AF 19/628/-3239 03 p0418 A67-14251	
AF 19/628/-380 15 p2563 A67-30287		AF 19/628/-3279 08 p1317 A67-21094	
AF 19/628/-393 04 p0615 A67-14969		AF 19/628/-3282 03 p0417 A67-14248	
AF 19/628/-394 11 p1787 A67-24555		AF 19/628/-3292 08 p1317 A67-21094	
AF 19/628/-395 10 p1688 A67-22766		AF 19/628/-3307 08 p1356 A67-21300	
AF 19/628/-1695 07 p1182 A67-19947	22 p3793 A67-40078	AF 19/628/-3322 13 p2204 A67-27435	
20 p3433 A67-37414		AF 19/628/-3418 18 p2994 A67-34343	
AF 19/628/-1699 15 p2521 A67-29194	20 p3503 A67-37711	AF 19/628/-3819 01 p0040 A67-11312	22 p3760 A67-39623
AF 19/628/-2352 07 p1188 A67-19954	17 p2936 A67-32533	20 p3407 A67-37712	23 p3978 A67-40825
AF 19/628/-2357 07 p1141 A67-19443	20 p3388 A67-37702	AF 19/628/-3828 06 p1076 A67-17634	
07 p1141 A67-19444	20 p3388 A67-37703	AF 19/628/-3834 05 p0769 A67-16000	11 p1761 A67-24280
11 p1753 A67-24315	20 p3389 A67-37705	AF 19/628/-3848 19 p3216 A67-35194	
14 p2349 A67-29063	24 p4124 A67-42807	AF 19/628/-3850 06 p0997 A67-18701	20 p3427 A67-36368
AF 19/628/-2391 13 p2163 A67-26289		AF 19/628/-3858 07 p1181 A67-19934	11 p1857 A67-23931
AF 19/628/-2398 02 p0247 A67-12688	13 p2171 A67-27433	08 p1402 A67-21476	13 p2190 A67-26313
03 p0486 A67-14054	14 p2293 A67-28749	10 p1709 A67-23546	
05 p0859 A67-17441	19 p3288 A67-35361	AF 19/628/-3868 03 p0369 A67-13660	23 p3973 A67-40836
AF 19/628/-2406 09 p1481 A67-22445		03 p0469 A67-13657	23 p4026 A67-40753
AF 19/628/-2410 03 p0385 A67-13850	16 p2627 A67-31352	23 p3972 A67-40751	
AF 19/628/-2418 06 p1059 A67-18909			

CONTRACT NUMBER INDEX

AF 19/628/-3877 17 p2937 A67-32649	19 p3331 A67-36084	AF 19/628/-4781 08 p1328 A67-21478 13 p2108 A67-26314	14 p2346 A67-28058
AF 19/628/-4007 03 p0384 A67-13843		AF 19/628/-4783 03 p0463 A67-13932	04 p0601 A67-14462
AF 19/628/-4011 04 p0661 A67-15462	05 p0818 A67-16648	AF 19/628/-4793 03 p0508 A67-14313	
AF 19/628/-4014 01 p0056 A67-10111	08 p1364 A67-21401	AF 19/628/-4794 05 p0851 A67-16381 09 p1548 A67-22360	09 p1548 A67-22361
AF 19/628/-4019 22 p3842 A67-39209		AF 19/628/-4800 01 p0074 A67-11126	
AF 19/628/-4065 07 p1218 A67-20270 17 p2876 A67-32031	19 p3184 A67-35665	AF 19/628/-4883 03 p0370 A67-13855	
AF 19/628/-4071 20 p3389 A67-37707		AF 19/628/-4953 11 p1787 A67-24555	
AF 19/628/-4078 03 p0506 A67-13651		AF 19/628/-4955 06 p1025 A67-18051	
AF 19/628/-4082 20 p3435 A67-37675		AF 19/628/-4956 04 p0648 A67-14675	
AF 19/628/-4089 04 p0628 A67-15320		AF 19/628/-4971 23 p4014 A67-41023	
AF 19/628/-4157 06 p1054 A67-18822	24 p4130 A67-42248	AF 19/628/-4984 01 p0040 A67-11312 17 p2828 A67-33085	23 p3978 A67-40825
AF 19/628/-4162 18 p3049 A67-34312		AF 19/628/-5028 17 p2938 A67-33209	
AF 19/628/-4165 13 p2117 A67-27608		AF 19/628/-5052 15 p2518 A67-29767	
AF 19/628/-4170 11 p1865 A67-24603		AF 19/628/-5058 20 p3434 A67-37430	
AF 19/628/-4183 15 p2532 A67-30381	19 p3288 A67-35374	AF 19/628/-5059 01 p0131 A67-10367	07 p1156 A67-19896
AF 19/628/-4226 04 p0580 A67-14596		AF 19/628/-5063 04 p0615 A67-14970	
AF 19/628/-4297 09 p1548 A67-22338		AF 19/628/-5064 19 p3216 A67-35194	
AF 19/628/-4310 07 p1181 A67-19939	16 p2664 A67-30978	AF 19/628/-5068 02 p0245 A67-12223	
AF 19/628/-4322 09 p1448 A67-22340		AF 19/628/-5086 12 p2001 A67-25222	
AF 19/628/-4324 02 p0204 A67-12196 07 p1153 A67-19612 11 p1766 A67-24690	11 p1766 A67-24691 19 p3195 A67-35620	AF 19/628/-5104 11 p1838 A67-24402	22 p3842 A67-40346
AF 19/628/-4332 11 p1791 A67-24459 11 p1860 A67-24458 11 p1860 A67-24460 11 p1860 A67-24461	11 p1860 A67-24462 11 p1860 A67-24463 18 p3129 A67-34308	AF 19/628/-5144 06 p1059 A67-18909	
AF 19/628/-4337 15 p2500 A67-29821	19 p3198 A67-36043	AF 19/628/-5165 02 p0196 A67-12005 02 p0229 A67-12007 07 p1148 A67-19840 15 p2519 A67-30209	17 p2811 A67-32112 21 p3586 A67-38953 23 p3972 A67-40741
AF 19/628/-4339 09 p1450 A67-22353		AF 19/628/-5166 03 p0375 A67-13562	
AF 19/628/-4349 11 p1768 A67-24943		AF 19/628/-5172 18 p3130 A67-34317	
AF 19/628/-4358 09 p1461 A67-21603	23 p3972 A67-40643	AF 19/628/-5173 10 p1676 A67-22815	
AF 19/628/-4368 02 p0186 A67-12231		AF 19/628/-5209 14 p2320 A67-28746	
AF 19/628/-4371 04 p0697 A67-14741	08 p1392 A67-21086	AF 19/628/-5531 09 p1481 A67-22447	23 p3973 A67-40840
AF 19/628/-4768 14 p2383 A67-28044		AF 19/628/-5543 02 p0276 A67-12563	08 p1365 A67-21407

CONTRACT NUMBER INDEX

03 p0508 A67-14313	09 p1545 A67-22196	AF 19/628/-6134
06 p1030 A67-17658	20 p3502 A67-37427	23 p4000 A67-41218
07 p1182 A67-19950	22 p3791 A67-39815	AF 19/628/-6145
AF 19/628/-5552		09 p1470 A67-21608
05 p0895 A67-16581	16 p2751 A67-31456	AF 19/628/-7045
AF 19/628/-5660		05 p0895 A67-16581
15 p2534 A67-29325		16 p2751 A67-31456
AF 19/628/-5668		AF 19/828/-221
01 p0032 A67-10005	13 p2082 A67-27406	06 p1040 A67-18130
03 p0385 A67-13860	16 p2638 A67-31336	AF 23/601/-4171
AF 19/628/-5701		05 p0796 A67-16152
08 p1325 A67-20933		08 p1325 A67-20937
AF 19/628/-5703		AF 26/601/-6284
06 p1076 A67-17641		16 p2679 A67-31795
AF 19/628/-5712		AF 29/600/-3566
14 p2320 A67-28746	22 p3873 A67-39822	24 p4134 A67-42178
20 p3517 A67-36371		AF 29/600/-5136
AF 19/628/-5714		10 p1601 A67-23328
18 p3049 A67-34312		AF 29/600/-5164
AF 19/628/-5718		12 p1905 A67-25474
03 p0385 A67-13851	11 p1758 A67-24126	AF 29/600/-5184
03 p0487 A67-14354	11 p1759 A67-24131	08 p1289 A67-20612
05 p0775 A67-16947	11 p1763 A67-24305	AF 29/600/-5192
07 p1153 A67-19607	19 p3194 A67-35516	12 p1905 A67-25474
AF 19/628/-5731		AF 29/601/-524
14 p2310 A67-28050		20 p3485 A67-36930
AF 19/628/-5732		AF 29/601/-2774
03 p0369 A67-13683	17 p2815 A67-32622	20 p3485 A67-36930
16 p2639 A67-31356		AF 29/601/-4759
AF 19/628/-5744		08 p1356 A67-20371
13 p2107 A67-26301	13 p2162 A67-26281	AF 29/601/-5006
AF 19/628/-5747		20 p3485 A67-36930
01 p0036 A67-10475	19 p3305 A67-35621	AF 29/601/-6002
03 p0496 A67-13677		23 p4007 A67-41387
AF 19/628/-5750		AF 29/601/-6214
06 p1058 A67-18902	12 p1983 A67-25478	06 p1030 A67-19026
AF 19/628/-5813		AF 29/601/-6404
03 p0474 A67-14351	22 p3841 A67-40202	04 p0588 A67-15698
03 p0474 A67-14352		AF 29/601/-6585
AF 19/628/-5816		16 p2679 A67-31795
06 p1089 A67-18738	12 p1963 A67-25338	AF 29/601/-6614
AF 19/628/-5828		23 p4030 A67-40976
13 p2074 A67-27495		AF 29/601/-6706
AF 19/628/-5832		24 p4183 A67-42473
09 p1460 A67-21593	16 p2626 A67-31346	AF 29/601/-6707
09 p1536 A67-21601		11 p1823 A67-24490
AF 19/628/-5833		AF 29/601/-6721
17 p2888 A67-32390		04 p0684 A67-15688
AF 19/628/-5846		AF 29/601/-6756
11 p1751 A67-23969		04 p0625 A67-15709
AF 19/628/-5879		AF 29/601/-6801
09 p1462 A67-21606		16 p2704 A67-31167
AF 19/628/-5882		AF 29/601/-6828
02 p0217 A67-12095	23 p3978 A67-40827	10 p1724 A67-23707
AF 19/628/-5884		AF 29/601/-7084
15 p2551 A67-30161		05 p0848 A67-16837
AF 19/628/-5912		AF /30-1/-3078
10 p1592 A67-23154		07 p1223 A67-19465
AF 19/628/-5916		AF 30/102/-3589
23 p3995 A67-40813		04 p0588 A67-15701
AF 19/628/-6066		AF 30/602/-224
23 p4013 A67-40965		10 p1599 A67-23815

CONTRACT NUMBER INDEX

AF 30/602/-1785 02 p0214 A67-11650		AF 30/602/-3914 07 p1194 A67-19088	
AF 30/602/-2244 15 p2482 A67-30292		AF 30/602/-3976 02 p0207 A67-12137	
AF 30/602/-2248 10 p1600 A67-23824		AF 30/602/-3987 08 p1355 A67-21141	
AF 30/602/-2623 02 p0208 A67-12164		AF 30/602/-3989 20 p3387 A67-37646	
AF 30/602/-2646 23 p3978 A67-40827		AF 30/602/-4003 21 p3677 A67-38007	
AF 30/602/-2936 07 p1142 A67-19448		AF 30/602/-4022 22 p3773 A67-39908	
AF 30/602/-3016 02 p0222 A67-12649		AF 30/602/-4023 20 p3387 A67-37637	
AF 30/602/-3090 22 p3765 A67-39899		AF 30/602/-4097 03 p0438 A67-13801	06 p1001 A67-17887
AF 30/602/-3123 05 p0762 A67-16530		AF 30/602/-6315 05 p0771 A67-16312	
AF 30/602/-3169 07 p1194 A67-19088		AF 30/615/-3489 16 p2603 A67-30567	
AF 30/602/-3253 07 p1156 A67-19896		AF 30/615/-5198 14 p2398 A67-28098	
AF 30/602/-3269 02 p0211 A67-11601		AF 33/165/-2533 14 p2251 A67-28352	
AF 30/602/-3289 17 p2816 A67-32789		AF 33/315/-3505 20 p3506 A67-36229	
AF 30/602/-3290 20 p3388 A67-37647	24 p4132 A67-42715	AF 33/600/-42921 12 p1956 A67-25950	
AF 30/602/-3348 10 p1613 A67-23414		AF 33/601/-9074 13 p2085 A67-27698	
AF 30/602/-3381 15 p2527 A67-29482		AF 33/602/-4280 15 p2452 A67-29928	
AF 30/602/-3415 01 p0085 A67-11373		AF 33/615/-64-1003 22 p3758 A67-39766	
AF 30/602/-3474 01 p0132 A67-10435		AF 33/615/-67C-1055 16 p2686 A67-31808	
AF 30/602/-3523 16 p2640 A67-31526		AF 33/615/-67C-1097 16 p2678 A67-31792	
AF 30/602/-3532 09 p1470 A67-21591		AF 33/615/-67-C-1138 23 p4011 A67-40784	
AF 30/602/-3538 01 p0047 A67-11211		AF 33/615/-67-C1284 17 p2899 A67-32276	22 p3848 A67-39692
AF 30/602/-3583 20 p3404 A67-37634	20 p3406 A67-37655	AF 33/615/-67-C-1412 20 p3474 A67-37267	
AF 30/602/-3595 07 p1253 A67-19970		AF 33/615/-67-C-1681 19 p3337 A67-35996	
AF 30/602/-3605 02 p0222 A67-12649	02 p0293 A67-11750	AF 33/615/-67-C-1850 22 p3868 A67-39843	
AF 30/602/-3615 14 p2282 A67-28029		AF 33/615/-135 19 p3188 A67-36058	
AF 30/602/-3734 20 p3433 A67-37411		AF 33/615/-1029 08 p1398 A67-21233	22 p3892 A67-40498
AF 30/602/-3772 15 p2495 A67-30416		16 p2705 A67-31627	
AF 30/602/-3830 19 p3196 A67-35660		AF 33/615/-1032 16 p2736 A67-30711	
AF 30/602/-3886 11 p1762 A67-24293		AF 33/615/-1045 06 p0967 A67-17812	22 p3855 A67-39360
AF 30/602/-3910 15 p2489 A67-29914		15 p2450 A67-29813	
		AF 33/615/-1048 13 p2057 A67-27681	

CONTRACT NUMBER INDEX

AF 33/615/-1055				AF 33/615/-1417			
04 p0639 A67-15343				11 p1817 A67-24336		22 p3834 A67-40196	
AF 33/615/-1075				AF 33/615/-1440			
06 p1015 A67-17810				08 p1370 A67-21294			
AF 33/615/-1078				AF 33/615/-1443			
11 p1828 A67-23895	22 p3849 A67-39699			06 p1075 A67-18499			
13 p2163 A67-26286	23 p4033 A67-40995			AF 33/615/-1452			
15 p2540 A67-29931				01 p0022 A67-10430		11 p1753 A67-24440	
AF 33/615/-1080				AF 33/615/-1468			
12 p1974 A67-25401	21 p3605 A67-37769			13 p2106 A67-27669			
AF 33/615/-1083				AF 33/615/-1488			
16 p2602 A67-30556	16 p2606 A67-30589			03 p0388 A67-14216			
AF 33/615/-1096				AF 33/615/-1526			
13 p2127 A67-27086				19 p3337 A67-35996			
AF 33/615/-1105				AF 33/615/-1530			
01 p0115 A67-11073				05 p0871 A67-17349		21 p3692 A67-38712	
AF 33/615/-1139				14 p2376 A67-28124		21 p3695 A67-38757	
09 p1482 A67-22698				AF 33/615/-1532			
AF 33/615/-1141				06 p0962 A67-17948			
21 p3672 A67-38722				AF 33/615/-1542			
AF 33/615/-1143				05 p0843 A67-16551			
16 p2689 A67-31368				AF 33/615/-1574			
AF 33/615/-1160				13 p2229 A67-27663			
18 p3091 A67-34732				AF 33/615/-1577			
AF 33/615/-1208				17 p2832 A67-32060			
08 p1335 A67-21037				AF 33/615/-1579			
AF 33/615/-1228				21 p3692 A67-38718			
01 p0163 A67-11154	23 p4080 A67-41745			AF 33/615/-1586			
AF 33/615/-1230				06 p1004 A67-18462			
03 p0373 A67-14255				AF 33/615/-1601			
AF 33/615/-1241				14 p2340 A67-28258			
19 p3337 A67-34823				AF 33/615/-1608			
AF 33/615/-1249				17 p2922 A67-33087			
16 p2691 A67-31598	20 p3470 A67-37389			AF 33/615/-1615			
16 p2692 A67-31599				03 p0353 A67-14144			
AF 33/615/-1261				AF 33/615/-1623			
04 p0711 A67-15252				05 p0808 A67-17087		09 p1509 A67-22542	
AF 33/615/-1272				AF 33/615/-1630			
10 p1692 A67-23511	11 p1847 A67-24736			08 p1344 A67-20423			
AF 33/615/-1275				AF 33/615/-1634			
10 p1692 A67-23511	19 p3308 A67-36040			24 p4256 A67-42913			
11 p1847 A67-24736				AF 33/615/-1635			
AF 33/615/-1278				03 p0446 A67-13552			
01 p0076 A67-11139				AF 33/615/-1646			
AF 33/615/-1288				03 p0452 A67-13403			
02 p0245 A67-12223				AF 33/615/-1648			
AF 33/615/-1291				09 p1500 A67-22425			
01 p0074 A67-11124				AF 33/615/-1656			
AF 33/615/-1310				18 p3005 A67-34730			
03 p0431 A67-13754				AF 33/615/-1660			
AF 33/615/-1315				08 p1344 A67-20422			
07 p1258 A67-19430				AF 33/615/-1667			
AF 33/615/-1318				20 p3474 A67-37269			
23 p3979 A67-40831				AF 33/615/-1672			
AF 33/615/-1327				06 p1117 A67-18443			
22 p3825 A67-39853				AF 33/615/-1680			
AF 33/615/-1371				01 p0093 A67-10517			
21 p3648 A67-37879				AF 33/615/-16			

CONTRACT NUMBER INDEX

AF 33/615/-1696 03 p0449 A67-13307 16 p2694 A67-31522	18 p3070 A67-34568	AF 33/615/-2199 01 p0131 A67-10339	
AF 33/615/-1698 01 p0097 A67-10699		AF 33/615/-2210 04 p0555 A67-15388	16 p2609 A67-31665
AF 33/615/-1705 22 p3826 A67-39860		AF 33/615/-2215 08 p1277 A67-20577 12 p1929 A67-25907	23 p3991 A67-41667
AF 33/615/-1727 20 p3468 A67-37123	22 p3821 A67-40052	AF 33/615/-2220 16 p2589 A67-30721 21 p3732 A67-38724	22 p3917 A67-39710
AF 33/615/-1747 13 p2148 A67-27497		AF 33/615/-2227 12 p1961 A67-26064	24 p4134 A67-42177
AF 33/615/-1797 17 p2906 A67-33037		AF 33/615/-2252 11 p1747 A67-24233	
AF 33/615/-1801 18 p3051 A67-34505		AF 33/615/-2259 10 p1596 A67-23165	
AF 33/615/-1814 03 p0366 A67-14289		AF 33/615/-2279 07 p1166 A67-20070	
AF 33/615/-1828 23 p3998 A67-40868		AF 33/615/-2282 18 p3016 A67-34598	
AF 33/615/-1847 16 p2659 A67-30954		AF 33/615/-2287 05 p0823 A67-16681	
AF 33/615/-1858 21 p3703 A67-38440		AF 33/615/-2306 01 p0061 A67-10018	
AF 33/615/-1859 04 p0628 A67-15330		AF 33/615/-2310 23 p4045 A67-41483	
AF 33/615/-1875 09 p1452 A67-21725		AF 33/615/-2341 15 p2469 A67-29217	16 p2660 A67-31220
AF 33/615/-1882 04 p0552 A67-15393		AF 33/615/-2363 08 p1370 A67-21294	
AF 33/615/-1937 06 p1020 A67-18292		AF 33/615/-2384 14 p2326 A67-28794	24 p4164 A67-42685
AF 33/615/-1943 07 p1262 A67-19411	14 p2398 A67-28093	AF 33/615/-2388 10 p1614 A67-23524	
AF 33/615/-1998 15 p2446 A67-29636		AF 33/615/-2399 17 p2927 A67-31981	18 p3113 A67-33961
AF 33/615/-2022 05 p0814 A67-16547		AF 33/615/-2409 19 p3258 A67-35975	
AF 33/615/-2048 01 p0161 A67-10583		AF 33/615/-2429 22 p3796 A67-39236	
AF 33/615/-2050 21 p3730 A67-37792		AF 33/615/-2433 03 p0400 A67-14217	
AF 33/615/-2091 08 p1335 A67-20911		AF 33/615/-2478 21 p3591 A67-38156	
AF 33/615/-2101 10 p1692 A67-23511	11 p1848 A67-24742	AF 33/615/-2525 06 p0968 A67-18053 08 p1300 A67-20634	08 p1305 A67-21228 17 p2826 A67-32623
AF 33/615/-2120 03 p0455 A67-13447	22 p3826 A67-39860	AF 33/615/-2588 08 p1298 A67-20639	
AF 33/615/-2125 06 p1016 A67-17903 06 p1016 A67-17904	20 p3470 A67-37390	AF 33/615/-2600 08 p1304 A67-21223	
AF 33/615/-2126 01 p0093 A67-10205	03 p0454 A67-13420	AF 33/615/-2614 03 p0431 A67-13757	
AF 33/615/-2148 20 p3547 A67-36724		AF 33/615/-2618 24 p4164 A67-42745	
AF 33/615/-2180 03 p0455 A67-13441 08 p1420 A67-20908	14 p2398 A67-28098	AF 33/615/-2639 20 p3409 A67-37109	
AF 33/615/-2182 02 p0188 A67-12339	14 p2259 A67-28688	AF 33/615/-2645 07 p1194 A67-19084	
AF 33/615/-2186 16 p2769 A67-31287		AF 33/615/-2650 01 p0076 A67-11139	

CONTRACT NUMBER INDEX

AF 33/615/-2654 15 p2446 A67-29635		AF 33/615/-2986 16 p2638 A67-31337	
AF 33/615/-2676 19 p3175 A67-35974		AF 33/615/-2989 02 p0202 A67-12124	
AF 33/615/-2677 05 p0806 A67-16528		AF 33/615/-2997 08 p1344 A67-20421	
AF 33/615/-2686 06 p1004 A67-18462		AF 33/615/-3010 11 p1759 A67-24139	
AF 33/615/-2687 13 p2229 A67-27663		AF 33/615/-3014 18 p3145 A67-34581	
AF 33/615/-2690 03 p0446 A67-13552		AF 33/615/-3023 22 p3767 A67-39362	
AF 33/615/-2691 12 p1898 A67-25381	16 p2608 A67-30597	AF 33/615/-3058 20 p3533 A67-36584	
AF 33/615/-2695 23 p3938 A67-41498		AF 33/615/-3062 14 p2337 A67-28422	
AF 33/615/-2717 20 p3471 A67-37698		AF 33/615/-3074 21 p3605 A67-37768	
AF 33/615/-2741 10 p1615 A67-23527		AF 33/615/-3076 18 p3067 A67-34574	
AF 33/615/-2750 23 p3939 A67-41511		AF 33/615/-3095 13 p2084 A67-27574	
AF 33/615/-2766 21 p3630 A67-38770		AF 33/615/-3100 09 p1494 A67-21614	22 p3796 A67-39260
AF 33/615/-2784 02 p0218 A67-12103		10 p1652 A67-22710	
AF 33/615/-2788 23 p4078 A67-41163		AF 33/615/-3104 06 p1113 A67-18116	
AF 33/615/-2790 03 p0485 A67-14051	08 p1357 A67-20591	AF 33/615/-3106 03 p0443 A67-13429	
AF 33/615/-2800 05 p0817 A67-16639		AF 33/615/-3108 24 p4123 A67-42805	
AF 33/615/-2816 05 p0753 A67-16552	24 p4184 A67-42507	AF 33/615/-3128 06 p0939 A67-18331	06 p0987 A67-18324
AF 33/615/-2826 07 p1136 A67-20171		AF 33/615/-3131 10 p1608 A67-23739	
AF 33/615/-2828 01 p0139 A67-10602	24 p4164 A67-42743	AF 33/615/-3133 02 p0183 A67-12303	03 p0361 A67-14142
AF 33/615/-2855 09 p1519 A67-22303		AF 33/615/-3165 21 p3672 A67-38722	
AF 33/615/-2869 23 p4040 A67-40967	23 p4040 A67-40968	AF 33/615/-3167 10 p1667 A67-23009	
AF 33/615/-2882 04 p0681 A67-15314		AF 33/615/-3195 20 p3444 A67-36524	
AF 33/615/-2884 19 p3240 A67-35622		AF 33/615/-3206 10 p1671 A67-23705	
AF 33/615/-2902 17 p2792 A67-33004		AF 33/615/-3216 11 p1761 A67-24282	
AF 33/615/-2913 11 p1847 A67-24736		AF 33/615/-3239 21 p3634 A67-38198	
AF 33/615/-2921 18 p2993 A67-34336		AF 33/615/-3243 11 p1745 A67-24274	
AF 33/615/-2922 14 p2259 A67-28688		AF 33/615/-3255 21 p3573 A67-38072	23 p3967 A67-41611
AF 33/615/-2966 02 p0208 A67-12164		AF 33/615/-3258 05 p0850 A67-16131	
AF 33/615/-2974 01 p0094 A67-10574		AF 33/615/-3264 17 p2825 A67-32513	
AF 33/615/-2976 19 p3299 A67-36093		AF 33/615/-3279 03 p0429 A67-13417	08 p1345 A67-20435

CONTRACT NUMBER INDEX

AF 33/615/-3288			
06 p1102 A67-18322			
AF 33/615/-3311			
07 p1133 A67-19478	23 p3955	A67-41619	
10 p1599 A67-23813			
AF 33/615/-3328			
06 p1042 A67-18471	14 p2293	A67-28166	
12 p1925 A67-25902	14 p2294	A67-27794	
14 p2241 A67-28167	23 p3932	A67-41762	
14 p2241 A67-28168			
AF 33/615/-3329			
24 p4132 A67-42712			
AF 33/615/-3332			
15 p2452 A67-29928			
AF 33/615/-3363			
17 p2858 A67-32480			
AF 33/615/-3371			
20 p3405 A67-37642			
AF 33/615/-3378			
24 p4164 A67-42684			
AF 33/615/-3402			
15 p2513 A67-29595	21 p3587	A67-39148	
AF 33/615/-3413			
09 p1540 A67-21789	12 p1972	A67-25386	
AF 33/615/-3432			
10 p1717 A67-23128	10 p1726	A67-23717	
AF 33/615/-3442			
13 p2079 A67-26870			
AF 33/615/-3464			
10 p1600 A67-23818			
AF 33/615/-3466			
10 p1591 A67-23114			
AF 33/615/-3486			
23 p4046 A67-41493			
AF 33/615/-3489			
16 p2605 A67-30582			
AF 33/615/-3490			
24 p4102 A67-42491			
AF 33/615/-3491			
08 p1298 A67-20636			
AF 33/615/-3524			
23 p4033 A67-40995			
AF 33/615/-3546			
24 p4132 A67-42688			
AF 33/615/-3583			
17 p2836 A67-32053			
AF 33/615/-3589			
03 p0485 A67-14046			
AF 33/615/-3591			
11 p1802 A67-24737			
AF 33/615/-3598			
18 p3058 A67-34699			
AF 33/615/-3600			
21 p3609 A67-38889			
AF 33/615/-3609			
23 p3979 A67-40834			
AF 33/615/-3624			
23 p4037 A67-40722			
AF 33/615/-3636			
23 p4046 A67-41488			
AF 33/615/-3651			
22 p3822 A67-40060			
AF 33/615/-3655			
01 p0089 A67-10373	23 p4016	A67-41226	
03 p0496 A67-13569	23 p4017	A67-41393	
20 p3458 A67-36387			
AF 33/615/-3668			
14 p2280 A67-28013	19 p3196	A67-35627	
AF 33/615/-3673			
16 p2648 A67-31654	19 p3337	A67-35996	
AF 33/615/-3681			
17 p2800 A67-31970			
AF 33/615/-3734			
17 p2927 A67-31981			
AF 33/615/-3744			
21 p3695 A67-38761			
AF 33/615/-3770			
24 p4184 A67-42506			
AF 33/615/-3864			
11 p1805 A67-24111			
AF 33/615/-3884			
10 p1602 A67-23384			
AF 33/615/-3886			
22 p3855 A67-39360			
AF 33/615/-3918			
22 p3813 A67-39349			
AF 33/615/-3941			
12 p1985 A67-25862			
AF 33/615/-3974			
22 p3821 A67-40054			
AF 33/615/-3996			
23 p3968 A67-41627			
AF 33/615/-5016			
21 p3695 A67-38760			
AF 33/615/-5070			
08 p1346 A67-20910			
AF 33/615/-5072			
06 p1058 A67-18902	12 p1983	A67-25478	
AF 33/615/-5125			
19 p3337 A67-35996			
AF 33/615/-5132			
15 p2506 A67-29547			
AF 33/615/-5150			
03 p0522 A67-13443			
AF 33/615/-5170			
14 p2261 A67-28376			
AF 33/615/-5189			
03 p0443 A67-13418			
AF 33/615/-5198			
20 p3474 A67-37268			
AF 33/615/-5244			
15 p2539 A67-29824	22 p3860	A67-39896	
AF 33/615/-5248			
23 p4012 A67-40891			
AF 33/615/-5306			
21 p3694 A67-38752			
AF 33/615/-5357			
17 p2804 A67-32515			
AF 33/615/-5431			
14 p2328 A67-28876			

CONTRACT NUMBER INDEX

AF 33/615/-11655			
02 p0218 A67-12100			
AF 33/616/-3182			
14 p2341 A67-28953			
AF 33/616/-5489			
09 p1482 A67-22698			
AF 33/616/-5617			
14 p2341 A67-28953			
AF 33/616/-6157			
15 p2482 A67-30291			
AF 33/616/-6583			
02 p0342 A67-12031			
AF 33/616/-6854			
14 p2341 A67-28953			
AF 33/616/-7015			
02 p0202 A67-12124			
AF 33/616/-7128			
11 p1745 A67-24274			
AF 33/616/-7218			
14 p2341 A67-28953			
AF 33/616/-7276			
03 p0448 A67-13038			
AF 33/616/-7312			
12 p1974 A67-25401	21 p3605 A67-37769		
AF 33/616/-7500			
05 p0862 A67-16605			
AF 33/616/-7501			
07 p1162 A67-19907			
AF 33/616/-7535			
24 p4102 A67-42491			
AF 33/616/-7590			
14 p2341 A67-28953			
AF 33/616/-7700			
07 p1147 A67-19208			
AF 33/616/-7749			
23 p4082 A67-41243			
AF 33/616/-8130			
03 p0350 A67-12911			
AF 33/616/-8290			
11 p1796 A67-24179			
AF 33/616/-8305			
09 p1496 A67-21712			
AF 33/616/-8365			
04 p0578 A67-14875	18 p3001 A67-34111		
AF 33/616/-8378			
10 p1599 A67-23813	15 p2428 A67-29272		
13 p2059 A67-26917	22 p3751 A67-39604		
AF 33/616/-8453			
11 p1781 A67-24573			
AF 33/616/-8497			
03 p0449 A67-13061			
AF 33/657/-1126			
08 p1341 A67-20576			
AF 33/657/-1168			
21 p3614 A67-38854			
AF 33/657/-7139			
01 p0098 A67-10705			
AF 33/657/-7285			
16 p2736 A67-30711			
AF 33/657/-7380			
04 p0669 A67-15434	19 p3279 A67-35141		
10 p1698 A67-23122	20 p3546 A67-36722		
15 p2523 A67-29229	24 p4197 A67-42331		
AF 33/657/-7383			
21 p3703 A67-38440			
AF 33/657/-7644			
09 p1482 A67-22698			
AF 33/657/-7656			
06 p1016 A67-17899			
AF 33/657/-7805			
09 p1540 A67-21792			
AF 33/657/-8025			
12 p1960 A67-26189			
AF 33/657/-8088			
01 p0076 A67-11139			
AF 33/657/-8197			
19 p3280 A67-35145			
AF 33/657/-8286			
04 p0603 A67-14643			
AF 33/657/-8302			
10 p1733 A67-23125	15 p2582 A67-30198		
AF 33/657/-8368			
05 p0793 A67-17338			
AF 33/657/-8448			
24 p4172 A67-42036			
AF 33/657/-8464			
02 p0245 A67-12223			
AF 33/657/-8741			
10 p1718 A67-23433			
AF 33/657/-8786			
01 p0100 A67-10724			
AF 33/657/-8799			
09 p1504 A67-22141			
AF 33/657/-8833			
03 p0350 A67-12910			
AF 33/657/-8840			
02 p0202 A67-12124			
AF 33/657/-8860			
18 p3092 A67-34734			
AF 33/657/-8877			
03 p0448 A67-13038			
AF 33/657/-8905			
01 p0103 A67-10263	21 p3648 A67-37880		
AF 33/657/-9058			
11 p1854 A67-24807			
AF 33/657/-9078			
22 p3825 A67-39853			
AF 33/657/-9162			
13 p2143 A67-27688			
AF 33/657/-9166			
01 p0100 A67-10723			
AF 33/657/-9192			
05 p0870 A67-17193			
AF 33/657/-9196			
19 p3308 A67-36040			
AF 33/657/-9407			
03 p0447 A67-13035			
AF 33/657/-9603			
11 p1854 A67-24803			

CONTRACT NUMBER INDEX

AF 33/657/-9789 17 p2875 A67-33407			AF 33/657/-11207 03 p0446 A67-13553		
AF 33/657/-9848 08 p1417 A67-20556	11 p1873 A67-24196		AF 33/657/-11227 19 p3234 A67-34793	20 p3456 A67-37696	
AF 33/657/-9914 04 p0682 A67-15368			AF 33/657/-11235 06 p1018 A67-18371		
AF 33/657/-9962 05 p0856 A67-17344			AF 33/657/-11281 12 p1957 A67-26035		
AF 33/657/-9996 18 p3064 A67-34081			AF 33/657/-11305 21 p3578 A67-38841		
AF 33/657/-10220 10 p1717 A67-23129	24 p4252 A67-43096		AF 33/657/-11310 02 p0272 A67-11881 06 p0951 A67-18466	15 p2531 A67-30205 22 p3844 A67-39356	
AF 33/657/-10295 14 p2341 A67-28953			AF 33/657/-11319 02 p0330 A67-11924		
AF 33/657/-10330 11 p1796 A67-24179			AF 33/657/-11373 13 p2075 A67-26408		
AF 33/657/-10332 01 p0076 A67-11139			AF 33/657/-11465 02 p0202 A67-12124		
AF 33/657/-10374 16 p2695 A67-31754			AF 33/657/-11542 02 p0301 A67-12519		
AF 33/657/-10384 14 p2326 A67-28792	24 p4165 A67-42748		AF 33/657/-11548 20 p3552 A67-36832		
AF 33/657/-10474 09 p1482 A67-22696			AF 33/657/-11552 10 p1615 A67-23525		
AF 33/657/-10509 04 p0638 A67-14996			AF 33/657/-11650 05 p0820 A67-16660	14 p2331 A67-28713	
AF 33/657/-10607 02 p0218 A67-12098	16 p2638 A67-31334		AF 33/657/-11659 05 p0819 A67-16657		
AF 33/657/-10672 02 p0211 A67-11594			AF 33/657/-11677 07 p1147 A67-19208		
AF 33/657/-10764 03 p0448 A67-13038	12 p1958 A67-26016		AF 33/657/-11688 20 p3550 A67-36754		
AF 33/657/-10830 18 p3152 A67-33819			AF 33/657/-11716 02 p0188 A67-12339 03 p0366 A67-14289	23 p3952 A67-41573	
AF 33/657/-10835 07 p1162 A67-19907			AF 33/657/-11717 01 p0044 A67-10465		
AF 33/657/-10908 20 p3547 A67-36724			AF 33/657/-11747 06 p0992 A67-18878		
AF 33/657/-10954 03 p0375 A67-13665 18 p3005 A67-33499	19 p3186 A67-35619		AF 33/657/-12032 13 p2083 A67-27443		
AF 33/657/-11003 16 p2703 A67-30796			AF 33/657/-12146 17 p2927 A67-31981		
AF 33/657/-11006 04 p0621 A67-15264			AF 33/657/-13543 19 p3174 A67-35965		
AF 33/657/-11028 14 p2326 A67-28794			AF 33/657/-13687 18 p3109 A67-33843		
AF 33/657/-11029 01 p0129 A67-10150	11 p1767 A67-24731		AF 33/657/-13801 12 p1953 A67-26124		
AF 33/657/-11053 16 p2630 A67-31799			AF 33/657/-14903 13 p2051 A67-27592	17 p2791 A67-32575	
AF 33/657/-11100 01 p0103 A67-10620			AF 33/657/-15062 19 p3197 A67-35813		
AF 33/657/-11144 02 p0276 A67-12559			AF 33/687/-8427 07 p1262 A67-19411		
AF 33/657/-11149 16 p2692 A67-31868			AF 39/602/-2077 15 p2563 A67-30287		
AF 33/657/-11157 22 p3823 A67-40209 22 p3823 A67-40210 22 p3823 A67-40211	24 p4172 A67-41976 24 p4172 A67-41977		AF 40/600/-946 13 p2089 A67-26830		

CONTRACT NUMBER INDEX

AF 40/600/-1070 11 p1805 A67-24345		AF 49/638/-1251 23 p4001 A67-41224	
AF 40/600/-1091 01 p0014 A67-11195 09 p1542 A67-21809	16 p2656 A67-31262	AF 49/638/-1254 05 p0851 A67-16416 08 p1363 A67-21381	20 p3493 A67-36143
AF 40/600/-1093 06 p0989 A67-18481	19 p3211 A67-35739	AF 49/638/-1260 10 p1717 A67-23138	
AF 40/600/-1094 10 p1731 A67-22726		AF 49/638/-1266 23 p3974 A67-41201	
AF 40/600/-1097 01 p0115 A67-11073		AF 49/638/-1268 15 p2581 A67-29987	
AF 40/600/-1113 04 p0673 A67-15872		AF 49/638/-1271 04 p0727 A67-15680 08 p1331 A67-20867 10 p1681 A67-22864 11 p1825 A67-23868	14 p2241 A67-28168 14 p2242 A67-28174 15 p2579 A67-29566
AF 40/600/-1132 13 p2089 A67-26830		AF 49/638/-1274 20 p3421 A67-36843	
AF 40/600/-1139 06 p1118 A67-18485		AF 49/638/-1276 03 p0524 A67-13788 03 p0529 A67-14154 10 p1715 A67-22767	12 p2030 A67-25940 19 p3343 A67-35772
AF 40/600/-1161 16 p2656 A67-31262		AF 49/638/-1280 10 p1592 A67-23453	
AF 41/609/-2005 10 p1599 A67-23816		AF 49/638/-1288 22 p3778 A67-39351	
AF 41/609/-2021 07 p1134 A67-19860		AF 49/638/-1290 05 p0910 A67-16146 10 p1718 A67-23140 23 p4073 A67-40617	23 p4073 A67-40618 23 p4075 A67-40667
AF 41/609/-2897 23 p3951 A67-41561		AF 49/638/-1295 06 p0992 A67-18882 12 p1975 A67-25894	18 p2990 A67-34500
AF 41/609/-2939 22 p3750 A67-39593		AF 49/638/-1298 06 p0986 A67-18270	14 p2240 A67-28112
AF 49/368/-1527 08 p1399 A67-21240		AF 49/638/-1306 05 p0909 A67-16143	
AF 49/638/-66-C-0001 07 p1218 A67-20214		AF 49/638/-1309 13 p2051 A67-27597	
AF 49/638/-135 04 p0643 A67-14583		AF 49/638/-1314 04 p0659 A67-15932 10 p1714 A67-23754	10 p1731 A67-23841 23 p4071 A67-41725
AF 49/638/-173 17 p2927 A67-33028		AF 49/638/-1318 10 p1678 A67-23424	
AF 49/638/-700 03 p0391 A67-13265 08 p1276 A67-20564	16 p2761 A67-30961	AF 49/638/-1321 05 p0900 A67-17075	
AF 49/638/-946 04 p0638 A67-14996		AF 49/638/-1322 05 p0815 A67-16623	
AF 49/638/-1018 09 p1499 A67-22424		AF 49/638/-1323 08 p1400 A67-21247	19 p3330 A67-36076
AF 49/638/-1135 01 p0117 A67-10764		AF 49/638/-1326 11 p1775 A67-23864	13 p2100 A67-26959
AF 49/638/-1138 04 p0567 A67-15681		AF 49/638/-1329 01 p0113 A67-10406 15 p2582 A67-30019	21 p3730 A67-37736
AF 49/638/-1139 03 p0459 A67-13655		AF 49/638/-1340 14 p2304 A67-28359	
AF 49/638/-1156 09 p1565 A67-22222		AF 49/638/-1342 06 p1074 A67-18418	
AF 49/638/-1169 14 p2376 A67-28551		AF 49/638/-1346 04 p0664 A67-14821 06 p0938 A67-18249 06 p0993 A67-18890 13 p2102 A67-26970	20 p3553 A67-36937 21 p3674 A67-38755 22 p3850 A67-39707
AF 49/638/-1207 06 p0974 A67-17923 06 p1082 A67-17932	10 p1678 A67-23425		
AF 49/638/-1210 02 p0274 A67-12341	14 p2362 A67-29046		
AF 49/638/-1228 02 p0234 A67-12544			
AF 49/638/-1239 08 p1384 A67-20620			

CONTRACT NUMBER INDEX

AF 49/638/-1358				AF 49/638/-1495			
01 p0114 A67-10808		09 p1562 A67-22227		10 p1728 A67-23763		11 p1874 A67-24224	
03 p0508 A67-14325		12 p1999 A67-26251					
03 p0515 A67-14321				AF 49/638/-1506			
				15 p2494 A67-29772			
AF 49/638/-1360				AF 49/638/-1512			
04 p0707 A67-14443		21 p3727 A67-38871		06 p1082 A67-17932		17 p2830 A67-33012	
04 p0715 A67-15658				07 p1162 A67-20273			
AF 49/638/-1364				AF 49/638/-1517			
06 p0986 A67-18274		21 p3614 A67-38868		09 p1459 A67-21580			
AF 49/638/-1367				AF 49/638/-1525			
15 p2544 A67-29983				09 p1462 A67-21611			
AF 49/638/-1373				AF 49/638/-1527			
21 p3603 A67-38175				05 p0882 A67-16404		17 p2952 A67-33250	
AF 49/638/-1375				07 p1251 A67-19848		20 p3525 A67-36943	
02 p0240 A67-11622		14 p2284 A67-28435		11 p1863 A67-24508		24 p4224 A67-41816	
11 p1857 A67-25000				16 p2703 A67-31920			
AF 49/638/-1377				AF 49/638/-1535			
16 p2626 A67-31347				05 p0819 A67-16650			
AF 49/638/-1384				AF 49/638/-1536			
23 p4022 A67-40746				23 p4000 A67-41218			
AF 49/638/-1387				AF 49/638/-1541			
15 p2429 A67-29294				05 p0859 A67-17444		11 p1835 A67-24388	
AF 49/638/-1389				11 p1829 A67-24000		14 p2362 A67-29038	
19 p3303 A67-35041				AF 49/638/-1545			
AF 49/638/-1395				12 p2010 A67-26240			
21 p3672 A67-38722				AF 49/638/-1546			
AF 49/638/-1396				05 p0858 A67-17434		16 p2719 A67-31228	
06 p0990 A67-18515		23 p3991 A67-41715		08 p1365 A67-21403		16 p2720 A67-31240	
AF 49/638/-1402				11 p1827 A67-23885			
01 p0085 A67-11383		19 p3195 A67-35620		AF 49/638/-1553			
01 p0091 A67-11322		19 p3298 A67-35828		08 p1364 A67-21396			
13 p2073 A67-27066		24 p4124 A67-42807		AF 49/638/-1555			
14 p2349 A67-29063				14 p2392 A67-28993		20 p3495 A67-36154	
AF 49/638/-1405				16 p2666 A67-31403		24 p4224 A67-41818	
15 p2580 A67-29984				AF 49/638/-1556			
AF 49/638/-1431				11 p1774 A67-23856		16 p2719 A67-31237	
10 p1679 A67-22916				AF 49/638/-1558			
AF 49/638/-1433				17 p2906 A67-33010			
14 p2301 A67-28182				AF 49/638/-1569			
AF 49/638/-1435				14 p2240 A67-28163			
13 p2099 A67-26948				AF 49/638/-1594			
AF 49/638/-1442				05 p0857 A67-17422			
21 p3614 A67-38891				AF 49/638/-1600			
AF 49/638/-1448				15 p2462 A67-30325			
11 p1773 A67-24535		18 p2996 A67-33788		AF 49/638/-1601			
AF 49/638/-1461				12 p2040 A67-26229		14 p2316 A67-28185	
01 p0112 A67-10144		24 p4190 A67-43094		13 p2098 A67-26941			
11 p1824 A67-25077				AF 49/638/-1607			
AF 49/638/-1463				09 p1461 A67-21595			
03 p0445 A67-13529				AF 49/638/-1609			
AF 49/638/-1466				02 p0275 A67-12552		19 p3298 A67-35760	
07 p1252 A67-19963				AF 49/638/-1616			
AF 49/638/-1474				12 p1960 A67-25257			
03 p0457 A67-13163		07 p1216 A67-19964		AF 49/638/-1622			
AF 49/638/-1478				06 p0939 A67-18303		17 p2840 A67-33157	
05 p0781 A67-17535		10 p1606 A67-23084		AF 49/638/-1623			
AF 49/638/-1483				12 p1892 A67-25901			
08 p1327 A67-21462		21 p3606 A67-37774		AF 49/638/-1634			
14 p2294 A67-29036				11 p1825 A67-23854		22 p3783 A67-39723	
AF 49/638/-1488				13 p2102 A67-26968		22 p3851 A67-39725	
18 p3081 A67-33782				18 p3092 A67-34733			
AF 49/638/-1490				AF 49/638/-1637			
11 p1818 A67-24318		14 p2301 A67-28182		18 p2997 A67-33795		22 p3920 A67-40423	

CONTRACT NUMBER INDEX

AF 49/638/-1639			
06 p1104 A67-18452			
AF 49/638/-1642			
02 p0307 A67-11687	20 p3517 A67-36306		
03 p0472 A67-13390	20 p3519 A67-37395		
09 p1562 A67-22241	20 p3519 A67-37412		
13 p2189 A67-26265			
AF 49/638/-1646			
20 p3541 A67-37283			
AF 49/638/-1654			
04 p0567 A67-15681	18 p2997 A67-33795		
05 p0929 A67-17359	22 p3920 A67-40423		
15 p2434 A67-29884			
AF 49/638/-1669			
16 p2734 A67-31521			
AF 49/638/-1679			
14 p2405 A67-28255			
AF 49/638/-1695			
17 p2906 A67-33011			
AF 49/638/-1700			
01 p0031 A67-11443	09 p1566 A67-22235		
03 p0462 A67-13903	23 p4082 A67-40993		
05 p0929 A67-17415			
AF 49/638/-1708			
10 p1639 A67-23206			
AF 49/639/-1120			
06 p0981 A67-18473			
AF 49/639/-1634			
21 p3667 A67-38410			
AF /052/-610			
15 p2481 A67-30280			
AF /052/-927			
18 p3038 A67-33614			
AF 61/052/			
01 p0144 A67-10783	03 p0506 A67-13516		
AF 61/052/-67-C-0700			
23 p4067 A67-41241			
AF 61/052/-81			
18 p3029 A67-34738			
AF 61/052/-216			
21 p3614 A67-38999			
AF 61/052/-225			
19 p3242 A67-34864			
AF 61/052/-358			
17 p2836 A67-32283			
AF 61/052/-379			
08 p1390 A67-21021			
AF 61/052/-398			
16 p2780 A67-31520			
AF 61/052/-421			
03 p0407 A67-12828			
AF 61/052/-504			
08 p1353 A67-20592			
AF 61/052/-524			
18 p3129 A67-34311	18 p3130 A67-34314		
AF 61/052/-543			
18 p3100 A67-33750			
AF 61/052/-589			
18 p3002 A67-34224	22 p3796 A67-39276		
AF 61/052/-601			
15 p2483 A67-30294	15 p2483 A67-30295		
AF 61/052/-620			
19 p3252 A67-35527			
AF 61/052/-645			
01 p0159 A67-10403			
AF 61/052/-649			
22 p3841 A67-40050	22 p3853 A67-40049		
AF 61/052/-666			
01 p0114 A67-10819			
AF 61/052/-675			
02 p0274 A67-12337			
AF 61/052/-678			
03 p0416 A67-14237	15 p2483 A67-30295		
15 p2483 A67-30294	22 p3789 A67-39471		
AF 61/052/-685			
09 p1566 A67-22231	15 p2554 A67-29516		
14 p2382 A67-27848	19 p3331 A67-36087		
AF 61/052/-687			
17 p2845 A67-32793			
AF 61/052/-689			
03 p0445 A67-13471	19 p3245 A67-35727		
16 p2688 A67-31302	19 p3248 A67-36028		
AF 61/052/-700			
19 p3242 A67-34864			
AF 61/052/-743			
08 p1377 A67-21445	08 p1401 A67-21444		
AF 61/052/-764			
19 p3242 A67-34864	21 p3578 A67-38394		
AF 61/052/-775			
11 p1747 A67-24626			
AF 61/052/-780			
05 p0803 A67-17411	24 p4146 A67-41808		
08 p1327 A67-21369	24 p4190 A67-42097		
20 p3427 A67-36310			
AF 61/052/-788			
13 p2139 A67-27125			
AF 61/052/-794			
03 p0384 A67-13845	03 p0384 A67-13846		
AF 61/052/-800			
03 p0407 A67-12832	03 p0407 A67-12833		
AF 61/052/-807			
20 p3380 A67-36381	22 p3758 A67-39272		
AF 61/052/-829			
18 p3132 A67-34330	18 p3132 A67-34331		
AF 61/052/-834			
08 p1341 A67-20764			
AF 61/052/-837			
03 p0372 A67-14238	23 p3996 A67-40818		
AF 61/052/-851			
22 p3773 A67-40307			
AF 61/052/-853			
06 p0942 A67-18587	11 p1778 A67-24230		
AF 61/052/-862			
20 p3539 A67-37008			
AF 61/052/-867			
07 p1133 A67-19480			
AF 61/052/-869			
17 p2844 A67-32543			
AF 61/052/-871			
13 p2126 A67-26729			
AF 61/052/-877			
21 p3656 A67-37923			

CONTRACT NUMBER INDEX

AF 61/052/-881				AF-AFOSR-62-92			
13 p2100 A67-26956	13	p2101	A67-26966	05 p0786 A67-16461			
AF 61/052/-882				AF-AFOSR-62/162			
04 p0696 A67-14735	08	p1398	A67-21216	05 p0908 A67-16040			
AF 61/052/-888				AF-AFOSR-62-236A			
03 p0496 A67-13558	17	p2906	A67-33061	15 p2433 A67-29879			
AF 61/052/-895				AF-AFOSR-62-256			
07 p1228 A67-19509	20	p3501	A67-37181	08 p1382 A67-20398			
14 p2375 A67-29065				AF-AFOSR-62-303			
AF 61/052/-905				02 p0237 A67-11790			
11 p1873 A67-24214	11	p1874	A67-24225	AF-AFOSR-62-307			
AF 61/052/-906				15 p2523 A67-29215			
14 p2310 A67-28050				AF-AFOSR-62-348			
AF 61/052/-908				15 p2571 A67-30049			
22 p3895 A67-40519				AF-AFOSR-62-360			
AF 61/052/-927				02 p0302 A67-11940			
20 p3433 A67-37415				AF-AFOSR-62-386			
AF 61/052/-929				05 p0899 A67-17070			
03 p0506 A67-13517				AF-AFOSR-63-329			
AF 61/052/-952				15 p2523 A67-29215			
15 p2557 A67-29877	23	p4061	A67-40622	AF-AFOSR-65-8			
AF 61/052/-955				22 p3758 A67-39766			
16 p2749 A67-31417				AF-AFOSR-65-015			
AF 339/615/-1145				01 p0047 A67-11213			
06 p1104 A67-18453				AF-AFOSR-65-37			
AF /601/-4171				17 p2914 A67-32375			
03 p0414 A67-13933	10	p1652	A67-23547	AF-AFOSR-66-2221			
AF /628/-5041				17 p2871 A67-32628			
03 p0484 A67-14044				AF-AFOSR-76-66			
AF /638/-1512				06 p1063 A67-18936	15	p2442	A67-29180
06 p0974 A67-17923				AF-AFOSR-94-63			
AF /638/-1556				13 p2223 A67-26943			
01 p0141 A67-11388				AF-AFOSR-98-65			
AF /695/-1001				02 p0208 A67-12163			
13 p2177 A67-27013				AF-AFOSR-100-66			
AF-AFOSR-1-63				17 p2958 A67-32406			
14 p2384 A67-28117	22	p3788	A67-40421	AF-AFOSR-106-66			
AF-AFOSR-1-52015				16 p2660 A67-31212			
18 p3072 A67-34288				AF-AFOSR-107-66			
AF-AFOSR-4-63				13 p2167 A67-26930			
19 p3315 A67-35537				AF-AFOSR-117-63			
AF-AFOSR-4-65				02 p0272 A67-11880			
19 p3315 A67-35537				AF-AFOSR-129-65			
AF-AFOSR-20-63				02 p0245 A67-12227	18	p3153	A67-33826
17 p2840 A67-33137				03 p0535 A67-13500			
AF-AFOSR-24-65				AF-AFOSR-129-67			
17 p2811 A67-32115				13 p2106 A67-27582			
AF-AFOSR-39-65				AF-AFOSR-130-66			
03 p0439 A67-12924				22 p3851 A67-39984			
AF-AFOSR-40-66				AF-AFOSR-139-64			
15 p2581 A67-29988				01 p0061 A67-10018	15	p2540	A67-29931
AF-AFOSR-40-67				08 p1363 A67-21311	22	p3855	A67-39360
15 p2581 A67-29988				AF-AFOSR-139-65			
AF-AFOSR-61-51				01 p0048 A67-11226	12	p1907	A67-25989
05 p0908 A67-16040				02 p0301 A67-12658	13	p2147	A67-27453
AF-AFOSR-61-81				04 p0594 A67-15877	20	p3453	A67-37598
15 p2425 A67-29104				06 p0967 A67-17812	24	p4136	A67-42189
				10 p1618 A67-22703			
AF-AFOSR-62-90				AF-AFOSR-139-66			
18 p3109 A67-33837				07 p1234 A67-20094	23	p4033	A67-40995
				21 p3684 A67-38453	24	p4136	A67-42189
				22 p3849 A67-39699			

CONTRACT NUMBER INDEX

AF-AFOSR-139-66/67 20 p3460 A67-36854		AF-AFOSR-269-65 19 p3181 A67-35880	
AF-AFOSR-141-65 11 p1780 A67-24537		AF-AFOSR-273-66 09 p1548 A67-22368	
AF-AFOSR-153-64 01 p0134 A67-10812		AF-AFOSR-274-66 11 p1823 A67-24599	
AF-AFOSR-156-65 08 p1276 A67-20563	15 p2469 A67-29221	AF-AFOSR-276-65 02 p0234 A67-12543	
AF-AFOSR-156-66 18 p3026 A67-34008		AF-AFOSR-279-63 01 p0046 A67-11207	
AF-AFOSR-160-63 08 p1360 A67-21124		AF-AFOSR-288-66 02 p0179 A67-12348	
AF-AFOSR-164-67 14 p2381 A67-28846		AF-AFOSR-292-64 01 p0046 A67-11210	06 p0977 A67-18529
AF-AFOSR-182-64 02 p0258 A67-11587	03 p0460 A67-13825	AF-AFOSR-292-66 02 p0224 A67-11586	24 p4135 A67-42182
AF-AFOSR-185-63 03 p0460 A67-13879		06 p0977 A67-18528	24 p4135 A67-42183
AF-AFOSR-185-65 03 p0460 A67-13879		16 p2652 A67-31685	
AF-AFOSR-188-65 01 p0026 A67-10866		AF-AFOSR-297-66 11 p1801 A67-24728	
AF-AFOSR-188-66 09 p1461 A67-21603		AF-AFOSR-298-63 03 p0372 A67-14244	
AF-AFOSR-191-63 03 p0472 A67-13321		AF-AFOSR-302-63 18 p3012 A67-34524	
AF-AFOSR-194-65 17 p2968 A67-32410		AF-AFOSR-306-63 17 p2906 A67-33010	
AF-AFOSR-211-63 05 p0905 A67-16780	20 p3408 A67-37076	AF-AFOSR-306-64 17 p2906 A67-33010	
AF-AFOSR-213-63 01 p0116 A67-10206	24 p4201 A67-41893	AF-AFOSR-319-64 12 p1998 A67-25819	
AF-AFOSR-213-66 24 p4201 A67-41893		AF-AFOSR-327-63 12 p1987 A67-26190	
AF-AFOSR-219-63 04 p0602 A67-14509	17 p2969 A67-32449	AF-AFOSR-331-65 10 p1702 A67-23345	14 p2310 A67-28056
AF-AFOSR-230-66 02 p0224 A67-11586	19 p3199 A67-34785	AF-AFOSR-337-63 05 p0785 A67-17300	23 p3984 A67-40755
06 p0977 A67-18528		18 p3018 A67-34367	
AF-AFOSR-231-63 24 p4180 A67-43090		AF-AFOSR-347-64 05 p0925 A67-17372	14 p2398 A67-28093
AF-AFOSR-241-63 05 p0894 A67-16563		AF-AFOSR-347-65 05 p0925 A67-17372	
AF-AFOSR-241-64 08 p1347 A67-20397		AF-AFOSR-368-65 10 p1679 A67-22841	20 p3483 A67-36184
AF-AFOSR-245-65 17 p2817 A67-33233		AF-AFOSR-397-67 06 p1087 A67-18464	15 p2557 A67-29876
AF-AFOSR-246-63 01 p0015 A67-10412	15 p2425 A67-29104	13 p2152 A67-27484	17 p2948 A67-33039
AF-AFOSR-258-63 06 p0973 A67-17770	06 p1079 A67-17762	13 p2205 A67-27479	23 p4062 A67-40624
06 p0983 A67-17782	06 p1079 A67-17763	13 p2205 A67-27481	23 p4063 A67-40898
06 p0983 A67-17783	06 p1080 A67-17765		
06 p0983 A67-17784	06 p1080 A67-17766	AF-AFOSR-400-64 02 p0260 A67-12431	22 p3828 A67-40554
06 p0983 A67-17785	06 p1080 A67-17768	08 p1346 A67-20355	
06 p0994 A67-17767	06 p1081 A67-17769	AF-AFOSR-420-63 02 p0280 A67-11488	
06 p1022 A67-17773	06 p1080 A67-17771	AF-AFOSR-440-66 21 p3659 A67-38517	21 p3659 A67-38518
06 p1022 A67-17776	06 p1081 A67-17777	AF-AFOSR-444-64 07 p1264 A67-20293	
06 p1022 A67-17788	06 p1081 A67-17779	AF-AFOSR-454-65 16 p2705 A67-31627	
06 p1022 A67-17789	06 p1081 A67-17780	AF-AFOSR-465-64 13 p2171 A67-27433	
06 p1030 A67-17772	06 p1081 A67-17781		
06 p1031 A67-17774	06 p1081 A67-17786		
06 p1031 A67-17775	06 p1081 A67-17787		
06 p1031 A67-17778	06 p1082 A67-17790		
06 p1079 A67-17761			

CONTRACT NUMBER INDEX

AF-AFOSR-465-65
03 p0486 A67-14054 19 p3288 A67-35361
05 p0859 A67-17441

AF-AFOSR-469-65
01 p0027 A67-11324

AF-AFOSR-474-64
10 p1687 A67-22761

AF-AFOSR-492-66
18 p3079 A67-34002 23 p3990 A67-41170
19 p3209 A67-35410

AF-AFOSR-496-65
01 p0027 A67-11325 16 p2622 A67-30693
03 p0475 A67-13173 19 p3290 A67-35379
06 p0962 A67-17945

AF-AFOSR-496-66
03 p0458 A67-13268 16 p2637 A67-31036
07 p1151 A67-19445

AF-AFOSR-496-67
22 p3817 A67-40486

AF-AFOSR-499-65
08 p1351 A67-20698

AF-AFOSR-504-66
05 p0795 A67-17440

AF-AFOSR-508-66
08 p1355 A67-21255 11 p1824 A67-25078

AF-AFOSR-521-65
13 p2193 A67-27249

AF-AFOSR-526-64
13 p2061 A67-26491 14 p2254 A67-28034

AF-AFOSR-537-64
17 p2877 A67-32562 23 p4022 A67-40746

AF-AFOSR-537-67
20 p3477 A67-36942

AF-AFOSR-542-64
16 p2651 A67-31683

AF-AFOSR-542-67
15 p2441 A67-30266 16 p2651 A67-31683

AF-AFOSR-549-64
03 p0393 A67-13901 03 p0460 A67-13825

AF-AFOSR-557-64
05 p0847 A67-17438

AF-AFOSR-565-66
13 p2175 A67-26426

AF-AFOSR-567-66
09 p1549 A67-22426

AF-AFOSR-571-64
03 p0392 A67-13270

AF-AFOSR-571-66
11 p1771 A67-24891

AF-AFOSR-610-64
01 p0130 A67-10154 17 p2925 A67-33376
07 p1235 A67-20129 19 p3302 A67-35038
14 p2365 A67-28294 19 p3302 A67-35039
14 p2370 A67-28721

AF-AFOSR-616-64
13 p2072 A67-27609

AF-AFOSR-616-66
07 p1171 A67-19419

AF-AFOSR-617-64
03 p0407 A67-12831

AF-AFOSR-626-65
11 p1803 A67-24931 12 p1953 A67-26196

AF-AFOSR-626-67
11 p1803 A67-24931 12 p1953 A67-26196

AF-AFOSR-631-64
06 p1047 A67-17642 19 p3303 A67-35043

AF-AFOSR/638/-1367
18 p3150 A67-33800

AF-AFOSR-639-65
11 p1752 A67-24270 22 p3764 A67-39296

AF-AFOSR-675-64
04 p0656 A67-14447

AF-AFOSR-684-64
06 p1025 A67-18642 24 p4178 A67-42202

AF-AFOSR-687-64
06 p1072 A67-17987

AF-AFOSR-693-64
06 p0974 A67-17931 13 p2146 A67-27094
10 p1620 A67-23422

AF-AFOSR-693-65
04 p0647 A67-15740 14 p2342 A67-28081
13 p2088 A67-27096

AF-AFOSR-693-66
15 p2458 A67-29898 20 p3408 A67-37076
16 p2651 A67-31680 20 p3408 A67-37077
19 p3199 A67-34778

AF-AFOSR-693-67
24 p4178 A67-42652

AF-AFOSR-697-66
13 p2104 A67-26982 14 p2299 A67-28162
14 p2241 A67-28169 19 p3211 A67-35759

AF-AFOSR-699-65
06 p0974 A67-17930 20 p3410 A67-37320
11 p1764 A67-24443 20 p3411 A67-37321
11 p1771 A67-24896 21 p3603 A67-38442
16 p2652 A67-31687 23 p4026 A67-41732
16 p2758 A67-30660

AF-AFOSR-700-65
05 p0765 A67-17041 12 p1906 A67-25988

AF-AFOSR-700-67
15 p2460 A67-30312

AF-AFOSR-704-66
17 p2885 A67-33140

AF-AFOSR-714-65
02 p0296 A67-11820 09 p1556 A67-22201
03 p0388 A67-14183

AF-AFOSR-714-67
15 p2446 A67-29637 15 p2456 A67-29170

AF-AFOSR-728-66
11 p1875 A67-24572 20 p3555 A67-37563
18 p3160 A67-34285 21 p3610 A67-37739
20 p3543 A67-36428 23 p4081 A67-40745

AF-AFOSR-735-65
04 p0673 A67-14518 07 p1235 A67-20132

AF-AFOSR-747-66
16 p2649 A67-31666

AF-AFOSR-753-65
18 p3108 A67-33830

AF-AFOSR-766-65
02 p0225 A67-12143 19 p3200 A67-34849
11 p1830 A67-24008

AF-AFOSR-766-66
06 p1004 A67-18543 15 p2540 A67-29932
08 p1383 A67-20590 20 p3388 A67-37701
13 p2079 A67-26876 21 p3661 A67-37750

AF-AFOSR-766-67
15 p2500 A67-29910 15 p2540 A67-29932

CONTRACT NUMBER INDEX

15 p2531 A67-29904	21 p3672 A67-38725	AF-AFOSR-962-65	
AF-AFOSR-783-65		11 p1836 A67-24391	
17 p2851 A67-33197		AF-AFOSR-993-66	
AF-AFOSR-783-66		15 p2434 A67-30099	
17 p2851 A67-33197		AF-AFOSR-1001-66	
AF-AFOSR-783-67		19 p3178 A67-35885	
23 p3995 A67-40802		AF-AFOSR-1012-66	
AF-AFOSR-785-65		03 p0491 A67-13256	19 p3245 A67-35729
15 p2517 A67-29265	24 p4162 A67-42566	AF-AFOSR-1015-66	
AF-AFOSR-814-65		04 p0737 A67-15863	11 p1780 A67-24537
12 p2012 A67-25922		09 p1540 A67-21792	11 p1823 A67-24538
AF-AFOSR-815-65		AF-AFOSR-1029-66	
01 p0114 A67-10736		02 p0259 A67-12064	03 p0458 A67-13268
AF-AFOSR-818-65		AF-AFOSR-1057-66	
14 p2302 A67-28207	21 p3706 A67-38862	04 p0656 A67-14444	11 p1818 A67-24085
AF-AFOSR-825-65		AF-AFOSR-1069-66	
12 p1977 A67-26176	14 p2356 A67-28203	20 p3377 A67-37138	
AF-AFOSR-828-65		AF-AFOSR-1106-66-05513-124	
13 p2051 A67-27457		05 p0759 A67-17374	
AF-AFOSR-828-67		AF-AFOSR-1122-66	
05 p0750 A67-17367		02 p0260 A67-12431	09 p1525 A67-22624
AF-AFOSR-829-65		AF-AFOSR-1136-66	
01 p0092 A67-10057	11 p1810 A67-25091	21 p3676 A67-37817	
AF-AFOSR-835-65		AF-AFOSR-1138-66	
20 p3493 A67-36142		21 p3680 A67-38350	
AF-AFOSR-843-65		AF-AFOSR-1206-67	
19 p3284 A67-35339		08 p1346 A67-20355	
AF-AFOSR-849-55		AF-AFOSR-1217-67	
01 p0019 A67-11146		19 p3249 A67-34839	
AF-AFOSR-855-65		AF-AFOSR-1260-67	
12 p1995 A67-25765	20 p3488 A67-36694	17 p2864 A67-33363	
19 p3330 A67-36074	21 p3660 A67-38846	AF-AFOSR-1270-67	
AF-AFOSR-858-65		14 p2389 A67-28843	
12 p1995 A67-25765		AF-AFOSR-1306-67	
AF-AFOSR-863-65		22 p3828 A67-40554	
08 p1372 A67-21506		AF-AFOSR-27963	
AF-AFOSR-874-65		16 p2647 A67-31641	
06 p0962 A67-17945		AF-EOAR-62-68	
AF-AFOSR-876-75		01 p0126 A67-11311	
19 p3246 A67-35783		AF-EOAR-62-117	
AF-AFOSR-883-65		01 p0144 A67-10783	03 p0506 A67-13516
19 p3212 A67-36031		AF-EOAR-63-44	
AF-AFOSR-897-65		18 p3151 A67-33816	
15 p2582 A67-29998		AF-EOAR-63-48	
AF-AFOSR-903-65		02 p0288 A67-11723	02 p0289 A67-11727
05 p0847 A67-16970	09 p1525 A67-22625	AF-EOAR-63-58	
07 p1218 A67-20281	12 p1962 A67-26178	04 p0716 A67-15746	17 p2961 A67-32775
AF-AFOSR-927-65		AF-EOAR-63-67	
10 p1697 A67-23133		02 p0177 A67-11523	
AF-AFOSR-927-66		AF-EOAR-63-84	
16 p2779 A67-31216	16 p2779 A67-31217	03 p0352 A67-13011	
AF-AFOSR-931-65		AF-EOAR-63-98	
08 p1308 A67-20320	08 p1309 A67-20331	04 p0602 A67-14598	13 p2095 A67-26809
AF-AFOSR-932-65		06 p0937 A67-17982	
11 p1770 A67-24421		AF-EOAR-63-108	
AF-AFOSR-937-65		06 p0999 A67-18739	
12 p1960 A67-25257		AF-EOAR-64	
AF-AFOSR-945-65		08 p1398 A67-21216	
11 p1824 A67-25078		AF-EOAR-64-4	
		03 p0352 A67-13011	

CONTRACT NUMBER INDEX

AF-EOAR-64-6					
15 p2528	A67-29567				
AF-EOAR-64-7					
23 p3928	A67-41247				
AF-EOAR-64-49					
18 p3049	A67-34332	18 p3131	A67-34322		
18 p3049	A67-34333	23 p4065	A67-41005		
18 p3130	A67-34314				
AF-EOAR-64-52					
11 p1826	A67-23872	22 p3854	A67-40503		
16 p2748	A67-31139				
AF-EOAR-64-72					
04 p0696	A67-14735				
AF-EOAR-64-74					
04 p0617	A67-15535	17 p2853	A67-33245		
17 p2852	A67-33241				
AF-EOAR-65-23					
10 p1697	A67-22873	18 p3085	A67-33702		
16 p2607	A67-30595				
AF-EOAR-65-37					
01 p0089	A67-10448	19 p3299	A67-35871		
03 p0496	A67-13674	22 p3851	A67-39772		
11 p1845	A67-24133				
AF-EOAR-65-40					
08 p1414	A67-20348				
AF-EOAR-65-45					
06 p1061	A67-18920				
AF-EOAR-65-46					
01 p0041	A67-11319	12 p1970	A67-25291		
AF-EOAR-65-58					
24 p4198	A67-42707				
AF-EOAR-65-66					
16 p2761	A67-30742				
AF-EOAR-65-69					
05 p0926	A67-16516	06 p1113	A67-18027		
AF-EOAR-66-16					
14 p2317	A67-28197				
AF-EOAR-66-18					
14 p2295	A67-27894	18 p3029	A67-34737		
AF-EOAR-66-41					
18 p3158	A67-33960				
AF-EOAR-66-44					
23 p4082	A67-41141	23 p4082	A67-41142		
AF-EOAR-66-48					
24 p4177	A67-42154				
ARPA C-183					
17 p2843	A67-32536	17 p2844	A67-32547		
ARPA CST-7348					
04 p0570	A67-14865				
ARPA ORDER 183					
16 p2666	A67-31410	20 p3433	A67-37413		
ARPA ORDER 183-61					
06 p0995	A67-18073				
ARPA SD-7					
11 p1807	A67-24568				
ARPA SD-50					
14 p2261	A67-28125				
ARPA SD-67					
11 p1837	A67-24396	24 p4203	A67-42108		
ARPA SD-79					
07 p1181	A67-19940				
ARPA SD-86					
08 p1419	A67-20880	22 p3911	A67-39679		
08 p1419	A67-20885	23 p4026	A67-40753		
ARPA SD-88					
08 p1353	A67-20373	22 p3908	A67-39288		
ARPA SD-90					
01 p0130	A67-10153	13 p2184	A67-27570		
01 p0131	A67-10339	18 p3105	A67-34629		
ARPA SD-91					
10 p1697	A67-23134	16 p2660	A67-31218		
12 p2039	A67-26050				
ARPA SD-101					
06 p1035	A67-17829	20 p3461	A67-37289		
07 p1138	A67-20191	24 p4205	A67-42739		
19 p3303	A67-35042				
ARPA SD-103					
02 p0275	A67-12550	05 p0856	A67-17345		
05 p0760	A67-15999				
ARPA SD-131					
02 p0280	A67-11487	15 p2446	A67-29637		
02 p0280	A67-11488	15 p2456	A67-29170		
02 p0296	A67-11820	15 p2500	A67-29821		
03 p0388	A67-14183	19 p3198	A67-36043		
09 p1556	A67-22201				
ARPA SD-136					
15 p2578	A67-29130				
ARPA SD-147					
01 p0025	A67-10860	11 p1753	A67-24303		
ARPA SD-182					
03 p0379	A67-13477	11 p1848	A67-24746		
11 p1802	A67-24741				
ARPA SD-184					
19 p3187	A67-35680				
ARPA SD-210					
16 p2629	A67-31688	24 p4154	A67-42176		
ARPA SD-283					
13 p2067	A67-26510				
AT/04-3/-189					
01 p0167	A67-10974	18 p3142	A67-33890		
01 p0167	A67-10975				
AT/04-3/-247					
11 p1793	A67-24825				
AT/04-3/-326					
02 p0276	A67-12559				
AT/04-3/-326-PA-8					
15 p2522	A67-29206				
AT/04-3/-427					
16 p2749	A67-31434	24 p4233	A67-42619		
22 p3881	A67-39495				
AT/04-3/-517					
05 p0843	A67-16551				
AT/04-3/-540					
20 p3443	A67-36515				
AT/04-3/-595					
24 p4184	A67-42493				
AT/04-3/-633					
08 p1346	A67-21542				
AT/04-3/-639					
14 p2318	A67-28345	17 p2927	A67-31981		
AT/04-3/-650					
24 p4103	A67-42494				
AT/04-3/-700					
18 p3142	A67-33892				

CONTRACT NUMBER INDEX

AT/04-3/-701							
18 p3052 A67-34515		24 p4110 A67-42899		11 p1834 A67-24380		22 p3848 A67-39687	
AT/11-1/-GEN 8				11 p1834 A67-24381		22 p3848 A67-39693	
01 p0112 A67-11022	13 p2123 A67-26828			11 p1835 A67-24385		22 p3849 A67-39701	
03 p0466 A67-13798	15 p2468 A67-30154			11 p1837 A67-24397		23 p4033 A67-41215	
04 p0737 A67-15861	20 p3482 A67-36957			11 p1838 A67-24407		24 p4197 A67-42249	
07 p1235 A67-20130	22 p3856 A67-39439			AT/30-1/-1338			
08 p1330 A67-20655	22 p3862 A67-40000			11 p1826 A67-23877			
08 p1335 A67-21034	23 p4006 A67-41380			AT/30-1/-1480			
10 p1678 A67-23853	24 p4186 A67-42546			05 p0857 A67-17425	08 p1361 A67-21133		
AT/11-1/-GEN-10				06 p0983 A67-17782	08 p1364 A67-21395		
09 p1470 A67-22669	19 p3191 A67-34845			06 p0983 A67-17783	10 p1593 A67-23633		
AT/11-1/-GEN-14				06 p0983 A67-17784	11 p1824 A67-25078		
22 p3908 A67-39290				06 p0983 A67-17785	11 p1843 A67-24997		
AT/11-1/-34				06 p1022 A67-17788	13 p2164 A67-26296		
07 p1249 A67-19539	16 p2714 A67-30875			06 p1022 A67-17789	13 p2220 A67-27452		
07 p1256 A67-20228	16 p2714 A67-30876			06 p1025 A67-18642	17 p2905 A67-32927		
11 p1866 A67-24696	16 p2750 A67-31436			06 p1081 A67-17786	20 p3494 A67-36150		
14 p2254 A67-28067	18 p2991 A67-33660			06 p1081 A67-17787	20 p3494 A67-36152		
14 p2360 A67-28555	20 p3547 A67-36727			06 p1082 A67-17790	21 p3661 A67-37751		
AT/11-1/-68				07 p1167 A67-19156	24 p4146 A67-43095		
15 p2550 A67-29680				AT/30-1/-1842			
AT/11-1/-125				11 p1829 A67-24002			
22 p3862 A67-39997				AT/30-1/-2098			
AT/11-1/-238				02 p0269 A67-11862	07 p1251 A67-19944		
22 p3839 A67-39202				02 p0308 A67-11771	13 p2189 A67-26263		
AT/11-1/-382				02 p0324 A67-11772			
11 p1865 A67-24602	20 p3526 A67-37173			AT/30-1/-2241			
14 p2390 A67-28890	21 p3704 A67-38503			06 p0996 A67-18564	19 p3224 A67-35529		
19 p3317 A67-34912	21 p3704 A67-38505			13 p2151 A67-26738			
20 p3526 A67-37172	24 p4234 A67-42630			AT/30-1/-2363			
AT/11-1/-1057				10 p1658 A67-23787			
02 p0324 A67-11857				AT/30-1/-2789			
AT/11-1/-1144				04 p0629 A67-15338	09 p1519 A67-22397		
10 p1602 A67-23158	11 p1749 A67-23920			04 p0630 A67-15350			
AT/11-1/-1233				AT/30-1/-2794			
02 p0213 A67-11619				08 p1386 A67-20938	24 p4232 A67-42610		
AT/11-1/-1319				08 p1400 A67-21265			
16 p2690 A67-31384				AT/30-1/-2795			
AT/11-1/-1422				02 p0245 A67-12223			
23 p3945 A67-41087				AT/30-1/-2813			
AT/11-1/-1469				05 p0859 A67-17445	11 p1838 A67-24406		
16 p2662 A67-31534				11 p1835 A67-24386			
AT/11-1/-1471				AT/30-1/2930			
05 p0839 A67-16531				16 p2661 A67-31221			
AT/11-1/-1537				AT/30-1/-3100			
17 p2817 A67-33233				12 p1947 A67-26122	22 p3844 A67-39357		
AT/29-1/-1183				AT/30-1/-3164			
05 p0822 A67-16676				06 p0973 A67-17770	06 p1079 A67-17764		
AT/29-2/-2048				06 p0994 A67-17767	06 p1080 A67-17765		
24 p4184 A67-42505	24 p4246 A67-43044			06 p1022 A67-17773	06 p1080 A67-17766		
AT/30-1/-844				06 p1022 A67-17776	06 p1080 A67-17768		
24 p4238 A67-42884				06 p1030 A67-17772	06 p1080 A67-17769		
AT/30-1/-1238				06 p1031 A67-17774	06 p1080 A67-17771		
02 p0275 A67-12556	11 p1839 A67-24544			06 p1031 A67-17775	06 p1081 A67-17777		
02 p0276 A67-12560	11 p1844 A67-25075			06 p1031 A67-17778	06 p1081 A67-17779		
02 p0279 A67-12800	12 p1975 A67-25476			06 p1079 A67-17761	06 p1081 A67-17780		
03 p0422 A67-13779	15 p2523 A67-29212			06 p1079 A67-17762	06 p1081 A67-17781		
03 p0484 A67-14043	15 p2523 A67-29213			06 p1079 A67-17763			
05 p0809 A67-17446	16 p2704 A67-31235			AT/30-1/-3211			
05 p0858 A67-17431	16 p2718 A67-31226			18 p2996 A67-33788			
05 p0859 A67-17435	16 p2720 A67-31243			AT/30-1/-3246			
08 p1361 A67-21135	18 p3092 A67-34748			02 p0244 A67-12211			
08 p1361 A67-21137	18 p3093 A67-34757			AT/30-1/-3347			
08 p1362 A67-21147	19 p3272 A67-35084			02 p0287 A67-11713			
08 p1365 A67-21406	19 p3288 A67-35365			AT/30-1/-3363			
10 p1684 A67-23073	20 p3493 A67-36145			03 p0431 A67-13761			
10 p1685 A67-23331	21 p3661 A67-37747			AT/30-1/-3366			
11 p1834 A67-24378	22 p3846 A67-39486			11 p1796 A67-24185			
				AT/30-1/-3388			
				13 p2180 A67-27162			

CONTRACT NUMBER INDEX

AT/30-1/-3491				BWF-G-WRK49			
02 p0245	A67-12223			18 p3042	A67-34255		
AT/30-1/-3500				BWF-RFF-3005			
24 p4204	A67-42346			07 p1240	A67-19569	19 p3297	A67-35601
				08 p1375	A67-20574	21 p3691	A67-38705
AT/30-1/-3535				BWF-RFF-3010			
06 p1117	A67-18478	24 p4246	A67-43044	21 p3694	A67-38749		
AT/30-1/-3565				BWF-RFF-3013			
18 p3093	A67-34756			21 p3694	A67-38749		
AT/30-1/-3568				BWF-RFF-3024			
22 p3843	A67-39263			21 p3694	A67-38749		
AT/30-1/-3628				BWF-RFF-3025			
20 p3363	A67-36958			21 p3694	A67-38749		
AT/30-1/-3629				BWF-WRK-49			
08 p1400	A67-21265			15 p2475	A67-29617	19 p3214	A67-34931
AT/30-1/-3634				18 p3042	A67-34255		
24 p4103	A67-42501						
AT/30-1/-3642				C-85-65			
09 p1449	A67-22349			16 p2703	A67-31642		
AT/30-1/-3724				CNDR-G-02-100-5-2001			
16 p2693	A67-31873			13 p2100	A67-26956	13 p2101	A67-26966
AT/30-3/-321				CNES 65-420			
15 p2558	A67-29962			12 p1896	A67-25150	21 p3571	A67-38648
AT/30-3/-629				CNR-G-02/100/5/2001			
16 p2750	A67-31435			18 p3029	A67-34738		
AT/40-1/-2557				CNRS-65-FR-045			
01 p0098	A67-10705			15 p2535	A67-29488		
AT/40-1/-2572				CON/R/23640/EN			
22 p3860	A67-39903			18 p3063	A67-33486		
AT/40-1/-2670				CP/14000/65			
24 p4236	A67-42647			09 p1473	A67-22017		
AT/40-1/-2680				CP/14875/65			
11 p1858	A67-24064			15 p2449	A67-29804		
AT/40-1/-2907				CWB-10332			
03 p0367	A67-13524			09 p1491	A67-21553		
AT/40-1/-3235				CWB-10531			
09 p1570	A67-22694	24 p4233	A67-42616	18 p3041	A67-34095		
11 p1866	A67-24696	24 p4238	A67-42886				
24 p4191	A67-42450			CWB-11055			
AT/40-1/-3262				21 p3655	A67-38578		
24 p4173	A67-42345			CWB-11057			
AT/40-1/-3406				15 p2513	A67-30060		
02 p0266	A67-12217			CWB-11186			
AT/40-1/-3458				02 p0239	A67-12364		
18 p3092	A67-34744	22 p3849	A67-39702	CWB-11310			
AT/40-1/-3491				16 p2778	A67-30949		
02 p0269	A67-11862						
AT/40-1/-3585				DA-01-009-ORD-1023-II			
24 p4232	A67-42610			12 p2037	A67-26029		
AT/45-1/-1375				DA-01-021-AMC-11203-Z			
14 p2338	A67-28423			06 p0982	A67-17719		
AT/45-1/-1545				DA-01-021-AMC-11359/Z/			
10 p1654	A67-22822			04 p0547	A67-14820	11 p1790	A67-24452
AT/45-1/-1776				06 p0938	A67-18257	17 p2793	A67-33006
03 p0413	A67-13931			06 p0938	A67-18261	23 p3931	A67-41712
AT/45-1/-1830				DA-01-021-AMC-11536/Z/			
01 p0070	A67-11036	12 p1956	A67-25946	01 p0020	A67-11147	13 p2120	A67-26932
06 p1012	A67-18778	17 p2866	A67-33199	DA-01-021-AMC-11926/Z/			
10 p1668	A67-23174	23 p4018	A67-40928	09 p1457	A67-22026		
BDV-T-270-I-203				DA-01-021-AMC-12005			
24 p4181	A67-41789			05 p0759	A67-16840		
				DA-01-021-AMC-12005/Z/			
				03 p0474	A67-14025	17 p2809	A67-33035

CONTRACT NUMBER INDEX

06 p0940 A67-18353	18 p2997 A67-33791	DA-18-035-AMC-399/A/ 04 p0603 A67-14648	
08 p1275 A67-20379	18 p3081 A67-33783	DA-18-108-AMC-198/A/ 14 p2407 A67-28550	
11 p1750 A67-25066	21 p3565 A67-38876	DA-18-108-CML-6617/A/ 13 p2153 A67-27607	
15 p2490 A67-30212	22 p3756 A67-39386	DA-18-108-405-CML-788/A/ 13 p2153 A67-27607	
DA-01-021-AMC-12005/Z/ 16 p2620 A67-31760		DA-19-020-AMC-0210 03 p0405 A67-14028	
DA-01-021-AMC-12050/Z/ 23 p4029 A67-40972		DA-19-020-AMC-0213/A/ 19 p3176 A67-34806	
DA-01-021-AMC-12427/Z/ 05 p0816 A67-16630		DA-19-020-AMC-0215/Z/ 02 p0263 A67-12104	
DA-01-021-AMC-12705/Z/ 22 p3747 A67-39900		DA-19-020-AMC-00362/Z/ 08 p1407 A67-20516	21 p3712 A67-37801
DA-01-021-AMC-12727/Z/ 08 p1427 A67-21120		DA-19-020-ORD-4815 02 p0260 A67-12432	
DA-01-021-AMC-13857/Z/ 12 p2030 A67-25915		DA-19-020-ORD-4970 16 p2638 A67-31271	
DA-01-021-AMC-14441/Z/ 02 p0193 A67-11781		DA-19-020-ORD-5126 02 p0260 A67-12432	02 p0260 A67-12433
DA-01-021-506-ORD-1269/Z/ 11 p1852 A67-24352	19 p3311 A67-35777	DA-19-020-ORD-5243 09 p1508 A67-22528	
DA-04-200-AMC-968/X/ 19 p3309 A67-35010		DA-19-129-QM-1941 23 p3967 A67-41604	
DA-04-495-AMC-116/X/ 04 p0710 A67-15004		DA-20-113-AMC-1052/Z/ 06 p1007 A67-17640	
DA-04-495-AMC-218/Z/ 05 p0873 A67-17347		DA-20-113-AMC-05553/T/ 18 p3109 A67-33843	
DA-04-495-AMC-239/R/ 04 p0723 A67-15246		DA-28-AMC-00073/E/ 08 p1308 A67-20320	
DA-04-495-AMC-439/Z/ 01 p0132 A67-10435		DA-28-017-AMC-1989/A/ 17 p2836 A67-32072	
DA-04-495-AMC-458/Z/ 20 p3414 A67-36516		DA-28-043-AMC-004-82/E/ 10 p1690 A67-23167	
DA-04-495-ORD-1960 05 p0747 A67-16431		DA-28-043-AMC-00013/E/ 01 p0022 A67-10430	10 p1652 A67-22710
DA-04-495-ORD-3567/Z/ 22 p3743 A67-40222	03 p0374 A67-14356 04 p0663 A67-14616	04 p0570 A67-14874 09 p1494 A67-21614	11 p1753 A67-24440 11 p1762 A67-24289
DA-11-002-ORD-2059 01 p0105 A67-10729 01 p0118 A67-10886		DA-28-043-AMC-00035/E/ 14 p2272 A67-28705	
DA-11-022-AMC-329 18 p3153 A67-33828		DA-28-043-AMC-00037/E/ 11 p1775 A67-23879	
DA-11-022-AMC-329/R/ 03 p0405 A67-14026	20 p3423 A67-37095	DA-28-043-AMC-00052/E/ 14 p2369 A67-28613	
DA-11-022-ORD-2059 01 p0024 A67-10523 05 p0835 A67-16738 08 p1349 A67-21261 10 p1620 A67-23426 10 p1682 A67-23349 11 p1824 A67-24632 13 p2050 A67-27148	13 p2147 A67-27171 13 p2148 A67-27498 13 p2158 A67-27179 17 p2829 A67-32431 18 p3071 A67-34264 18 p3072 A67-34394 23 p4023 A67-41048	DA-28-043-AMC-00073/E/ 07 p1228 A67-19502 08 p1309 A67-20329 08 p1309 A67-20331 08 p1333 A67-21494 08 p1354 A67-21497 11 p1812 A67-24311	11 p1820 A67-24921 11 p1820 A67-24922 13 p2160 A67-27075 19 p3199 A67-34783 21 p3589 A67-37824 22 p3866 A67-40441
DA-18-001-AMC-748/X/ 18 p3106 A67-34639		DA-28-043-AMC-00097/E/ 14 p2286 A67-28610	
DA-18-001-AMC-979/X/ 06 p0989 A67-18486		DA-28-043-AMC-00099/E/ 03 p0394 A67-12949 06 p1035 A67-17830 13 p2127 A67-27079	15 p2519 A67-29330 20 p3492 A67-37691
DA-18-001-AMC-1016/X/ 20 p3423 A67-37095		DA-28-043-AMC-00113/Y/ 01 p0171 A67-11374	
DA-18-035-AMC-80/A/ 19 p3214 A67-35000		DA-28-043-AMC-00167/E/ 06 p0969 A67-18107	06 p0969 A67-18109
DA-18-035-AMC-300/A/ 11 p1884 A67-24989			
DA-18-035-AMC-328/A/ 12 p1915 A67-25858			

CONTRACT NUMBER INDEX

DA-28-043-AMC-0170/E/ 21 p3589 A67-37820		DA-28-043-AMC-02387/E/ 24 p4106 A67-42520	
DA-28-043-AMC-00202/E/ 09 p1462 A67-21604		DA-28-043-AMC-02471/E/ 22 p3813 A67-39253	
DA-28-043-AMC-00389/S/ 04 p0590 A67-15903		DA-28-043-AMC-02536/E/ 11 p1791 A67-24712 14 p2389 A67-28845 19 p3179 A67-34955	22 p3864 A67-40345 24 p4125 A67-42438 24 p4201 A67-41892
DA-28-043-AMC-00399/E/ 08 p1304 A67-21224		DA-30-069-AMC-122/A/ 17 p2927 A67-33028	
DA-28-043-AMC-00423/E/ 04 p0685 A67-15696		DA-30-069-AMC-195/R/ 23 p4073 A67-40613	
DA-28-043-AMC-00446 15 p2499 A67-29730		DA-30-069-AMC-333/Y/ 02 p0211 A67-11597 04 p0570 A67-14878	20 p3492 A67-37690 24 p4130 A67-42339
DA-28-043-AMC-00446/E/ 09 p1462 A67-21611		DA-30-069-ORD-1216 11 p1806 A67-24362	
DA-28-043-AMC-00482/E/ 19 p3275 A67-35106		DA-30-069-ORD-1955 01 p0007 A67-11165	
DA-28-043-AMC-00499/E/ 15 p2452 A67-30014		DA-30-069-ORD-2787 09 p1457 A67-22026	10 p1697 A67-23380
DA-28-043-AMC-01211/E/ 03 p0384 A67-13847		DA-31-124-ARO/D/ 20 p3493 A67-36143	
DA-28-043-AMC-01230/E/ 15 p2442 A67-29171		DA-31-124-ARO/D/-13 04 p0647 A67-15744	17 p2876 A67-32385
DA-28-043-AMC-01263/E/ 02 p0212 A67-11612		DA-31-124-ARO/D/-31 17 p2819 A67-32427	
DA-28-043-AMC-01271/E/ 02 p0214 A67-11779		DA-31-124-ARO/D/-33 04 p0547 A67-14849 06 p0939 A67-18348	06 p0940 A67-18361 21 p3566 A67-38892
DA-28-043-AMC-01273/E/ 17 p2880 A67-32554		DA-31-124-ARO/D/-42 10 p1730 A67-23836	11 p1871 A67-24086
DA-28-043-AMC-01283/E/ 09 p1471 A67-21644		DA-31-124-ARO/D/-82 06 p0973 A67-17770 06 p0983 A67-17782 06 p0983 A67-17783 06 p0983 A67-17784 06 p0983 A67-17785 06 p0994 A67-17767 06 p1022 A67-17773 06 p1022 A67-17776 06 p1022 A67-17788 06 p1022 A67-17789 06 p1030 A67-17772 06 p1031 A67-17774 06 p1031 A67-17775 06 p1031 A67-17778 06 p1079 A67-17761	06 p1079 A67-17762 06 p1079 A67-17763 06 p1079 A67-17764 06 p1080 A67-17765 06 p1080 A67-17766 06 p1080 A67-17768 06 p1080 A67-17769 06 p1080 A67-17771 06 p1081 A67-17777 06 p1081 A67-17779 06 p1081 A67-17780 06 p1081 A67-17781 06 p1081 A67-17786 06 p1081 A67-17787 06 p1082 A67-17790
DA-28-043-AMC-01313/E/ 04 p0589 A67-15720		DA-31-124-ARO/D/-95 11 p1810 A67-25092	
DA-28-043-AMC-01359/E/ 20 p3393 A67-36176		DA-31-124-ARO/D/-114 04 p0673 A67-14518 07 p1228 A67-19503 14 p2371 A67-28724	14 p2371 A67-28725 20 p3496 A67-36213
DA-28-043-AMC-01376/E/ 01 p0086 A67-10012		DA-31-124-ARO/D/-124 11 p1803 A67-24931	12 p1953 A67-26196
DA-28-043-AMC-01392/E/ 18 p3012 A67-34347	19 p3189 A67-36067	DA-31-124-ARO/D/-131 02 p0299 A67-12189 03 p0494 A67-13478	10 p1612 A67-23372
DA-28-043-AMC-01395/E/ 19 p3198 A67-36038		DA-31-124-ARO/D/-137 08 p1323 A67-21391	
DA-28-043-AMC-01426/E/ 20 p3405 A67-37648		DA-31-124-ARO/D/-138 05 p0748 A67-16811	
DA-28-043-AMC-1435/E/ 11 p1767 A67-24726		DA-31-124-ARO/D/-139 02 p0179 A67-12356 02 p0266 A67-11698 02 p0270 A67-12521 07 p1225 A67-19494	14 p2387 A67-28578 15 p2520 A67-29527 17 p2889 A67-33226 20 p3443 A67-36514
DA-28-043-AMC-01444/E/ 20 p3388 A67-37654			
DA-28-043-AMC-01486/E/ 05 p0771 A67-16312	14 p2282 A67-28029		
DA-28-043-AMC-01507/E/ 09 p1448 A67-22341			
DA-28-043-AMC-01788/E/ 04 p0685 A67-15695			
DA-28-043-AMC-01829/E/ 01 p0036 A67-10444			
DA-28-043-AMC-01869/E/ 08 p1304 A67-21224	15 p2444 A67-29453		
DA-28-043-AMC-01890/E/ 15 p2496 A67-29173			
DA-28-043-AMC-02212/E/ 14 p2286 A67-28610			

CONTRACT NUMBER INDEX

07 p1226 A67-19500	20 p3487 A67-36231	DA-31-124-ARO/D/-462	
11 p1781 A67-24570	20 p3491 A67-37687	13 p2147 A67-27468	21 p3652 A67-38173
11 p1803 A67-24832	21 p3700 A67-37733	18 p3077 A67-33429	22 p3912 A67-39743
11 p1838 A67-24411	22 p3815 A67-39614	DA-31-124-ARO/D/-478	
14 p2351 A67-28994	22 p3868 A67-39843	06 p1069 A67-18975	
DA-31-124-ARO/D/-143		DA-31-124-ARO-257	
16 p2683 A67-31751		10 p1733 A67-23113	16 p2658 A67-30938
DA-31-124-ARO/D/-147		DA-31-124-ARO-429	
16 p2682 A67-31383		17 p2971 A67-33021	
DA-31-124-ARO/D/-153		DA-31-124-D-338	
16 p2660 A67-31219		05 p0813 A67-17252	
DA-31-124-ARO/D/-194		DA-33-019-ORD-3383	
08 p1422 A67-20981		10 p1622 A67-22929	
DA-31-124-ARO/D/-214		DA-36-034-AMC-0099/Z/	
18 p3150 A67-33803		19 p3337 A67-35996	
DA-31-124-ARO/D/-241		DA-36-034-ORD-3672/RD/	
06 p1035 A67-17989	17 p2890 A67-33263	10 p1625 A67-23110	
DA-31-124-ARO/D/-257		DA-36-038-AMC-2723/A/	
03 p0484 A67-14039	20 p3495 A67-36169	06 p1008 A67-18458	
04 p0718 A67-15927	22 p3832 A67-40099	DA-36-039-AM-03334/E/	
06 p0987 A67-18347	22 p3844 A67-39367	09 p1476 A67-22211	
08 p1325 A67-21151	22 p3848 A67-39691	DA-36-039-AMC-0037/E/	
09 p1573 A67-21755	23 p4027 A67-41024	15 p2448 A67-29757	
10 p1733 A67-23119	23 p4029 A67-40963	DA-36-039-AMC-00134/E/	
14 p2350 A67-28149	23 p4030 A67-41530	24 p4106 A67-42520	
17 p2843 A67-32531		DA-36-039-AMC-0300/E/	
DA-31-124-ARO/D/-259		08 p1288 A67-20601	11 p1746 A67-23991
08 p1277 A67-20577		DA-36-039-AMC-02164/E/	
DA-31-124-ARO/D/-268		13 p2079 A67-26874	
12 p1961 A67-26060		DA-36-039-AMC-02280/E/	
DA-31-124-ARO/D/-269		01 p0131 A67-10341	
24 p4145 A67-43083		DA-36-039-AMC-02294/E/	
DA-31-124-ARO/D/-270		20 p3405 A67-37648	
07 p1218 A67-20213	14 p2342 A67-28081	DA-36-039-AMC-02347/E/	
10 p1620 A67-23422	20 p3408 A67-37076	02 p0213 A67-11649	09 p1474 A67-22086
DA-31-124-ARO/D/-276		DA-36-039-AMC-03200/E/	
15 p2417 A67-29654		02 p0208 A67-12167	12 p1908 A67-26088
DA-31-124-ARO/D/-292		02 p0216 A67-12075	12 p1962 A67-26120
08 p1310 A67-20336		03 p0393 A67-13974	12 p2009 A67-25972
DA-31-124-ARO/D/-311		04 p0665 A67-15112	13 p2097 A67-26937
21 p3565 A67-38544		05 p0857 A67-17427	13 p2148 A67-27497
DA-31-124-ARO/D/-316		06 p0952 A67-17847	14 p2283 A67-28377
15 p2462 A67-30325		06 p0954 A67-18533	15 p2455 A67-29167
DA-31-124-ARO/D/-353		08 p1286 A67-20367	17 p2803 A67-32365
20 p3493 A67-36142		08 p1324 A67-21495	17 p2806 A67-32044
DA-31-124-ARO/D/-360		08 p1365 A67-21414	17 p2888 A67-32390
17 p2967 A67-32040	22 p3916 A67-40525	09 p1464 A67-22091	17 p2909 A67-33229
DA-31-124-ARO/D/-361		10 p1598 A67-23581	17 p2924 A67-33369
04 p0719 A67-14464	06 p1034 A67-18640	10 p1688 A67-22766	19 p3271 A67-35076
DA-31-124-ARO/D/-374		11 p1791 A67-24711	20 p3386 A67-37496
06 p0937 A67-18004		11 p1791 A67-24713	20 p3462 A67-37565
DA-31-124-ARO/D/-379		11 p1829 A67-24002	20 p3500 A67-37087
04 p0545 A67-14490		12 p1907 A67-26081	23 p4013 A67-40965
DA-31-124-ARO/D/-387		DA-36-039-AMC-03200/EE/	
23 p3932 A67-41735		11 p1752 A67-24270	22 p3764 A67-39296
DA-31-124-ARO/D/-391		DA-36-039-AMC-03214/E/	
23 p3983 A67-40644		03 p0384 A67-13829	
DA-31-124-ARO/D/-394		DA-36-039-AMC-03221/E/	
06 p0987 A67-18336		17 p2810 A67-32111	
DA-31-124-ARO/D/-430		DA-36-039-AMC-03248/E/	
16 p2732 A67-31698		18 p3012 A67-34347	19 p3189 A67-36067
DA-31-124-ARO/D/-440		DA-36-039-AMC-03279/E/	
15 p2519 A67-29331		22 p3792 A67-39932	
		DA-36-039-AMC-03310/E/	
		04 p0590 A67-15903	

CONTRACT NUMBER INDEX

DA-36-039-AMC-03729/E/ 15 p2476 A67-29620		DA-49-083-OSA-3135 22 p3850 A67-39708	
DA-36-039-AMC-03743/E/ 24 p4106 A67-42520		DA-49-092-ARO-87 05 p0767 A67-17309	
DA-36-039-SC-78269 03 p0388 A67-14216		DA-49-129-ENG-522 09 p1560 A67-22287	
DA-36-039-SC-89156 24 p4106 A67-42520		DA-49-146S-XZ-354 09 p1500 A67-22428	
DA-36-039-SC-90772 23 p3972 A67-40643		DA-49-146-X2-297 19 p3206 A67-34812	
DA-36-039-SC-90859 09 p1459 A67-21580		DA-49-146-XZ-338 03 p0409 A67-12942	
DA-043-AMC-00446/E/ 05 p0815 A67-16625		DA-49-146-XZ-354 20 p3377 A67-37404	
DA-44-009-AMC-54/T/ 20 p3364 A67-37015		DA-49-146-XZ-454 06 p0989 A67-18486	
DA-44-009-AMC-772/T/ 01 p0091 A67-11085		DA-49-146-XZ-483 18 p3082 A67-34029	
DA-44-009-AMC-998/T/ 09 p1448 A67-22341		DA-49-146-XZ-486 05 p0858 A67-17428 07 p1182 A67-19948	19 p3295 A67-35534 22 p3853 A67-40242
DA-44-009-AMC-1090/T/ 24 p4205 A67-42737		DA-49-146-XZ-534 17 p2909 A67-33230	
DA-44-009-AMC-1236/T/ 09 p1448 A67-22341		DA-49-186-AMC-65/X/ 04 p0684 A67-15689	
DA-44-009-AMC-1287/T/ 03 p0379 A67-13480	10 p1693 A67-23523	DA-49-186-AMC-79/D/ 01 p0014 A67-11032	16 p2609 A67-31663
DA-44-009-AMC-1405/T/ 11 p1826 A67-23874	21 p3661 A67-37750	DA-49-193-MD-2219 07 p1135 A67-19862	
DA-44-009-AMC-1474/T/ 11 p1803 A67-24998	16 p2732 A67-31698	DA-49-193-MD-2432 20 p3373 A67-37433	
DA-44-009-ENG-5044 22 p3864 A67-40381		DA-49-193-MD-2436 10 p1601 A67-23328	
DA-44-099-AMC-1287/T/ 11 p1802 A67-24744		DA-49-193-MD-2437 10 p1601 A67-23328	
DA-44-177-AMC-77/T/ 03 p0354 A67-12909		DA-49-193-MD-2558 04 p0560 A67-14582	
DA-44-177-AMC-115/T/ 10 p1717 A67-23126 10 p1728 A67-23761	10 p1728 A67-23763	DA-49-193-MD-2680 10 p1601 A67-23328	
DA-44-177-AMC-124/T/ 13 p2054 A67-27596 16 p2595 A67-31818	20 p3536 A67-36462	DA-49-193-65-G177 03 p0461 A67-13939	
DA-44-177-AMC-150/T/ 07 p1130 A67-20075	13 p2052 A67-26421	DA-83/D/-AMXDO-CSA-40/A/ 14 p2249 A67-28326	
DA-44-177-AMC-161/T/ 11 p1796 A67-24179		DA-91-591-EUC-3765 13 p2115 A67-26864 15 p2475 A67-29579 18 p3074 A67-34352	20 p3480 A67-36965 20 p3480 A67-36966 22 p3793 A67-40032
DA-44-177-AMC-163/T/ 06 p1099 A67-17917		DA-101-021-AMC-12509/Z/ 19 p3175 A67-34803	
DA-44-177-AMC-164/T/ 11 p1872 A67-24171		DA-44009-AMC-1674/X/ 23 p4045 A67-41460	
DA-44-177-AMC-258/T/ 10 p1728 A67-23763	11 p1874 A67-24224	DA-ARO-31-124-G659 19 p3218 A67-35213	
DA-44-177-AMC-291/T/ 16 p2595 A67-31819		DA-ARO-49-092-65-G77 24 p4149 A67-42067	
DA-44-177-AMC-332/T/ 16 p2777 A67-31844		DA-ARO/D/-31-12Y-6856 10 p1628 A67-23737	
DA-44-177-AMC-441/T/ 08 p1420 A67-20912		DA-ARO/D/-31-124 18 p3107 A67-33805	
DA-44-196-AMC-00198/E/ 14 p2272 A67-28704		DA-ARO/D/-31-124-G-61 10 p1730 A67-23836	

CONTRACT NUMBER INDEX

MA-PD/62/022/ 04 p0580 A67-14859				N-178-8277 07 p1184 A67-19373	
MIPR-/33-616/-61-31 07 p1262 A67-19411				N-600/19/59368 04 p0601 A67-14483	
MIPR-AS-4-172 07 p1262 A67-19411				N-600/19/-61770 09 p1476 A67-22208	
N-000/14/-67-A-0112-0013 24 p4157 A67-42437				N-600/19/62121 17 p2825 A67-32513	
N-000/14/-67-A-0112-0023 24 p4157 A67-42437				N-600-61797 24 p4103 A67-42494	
N-00014-66-C020A03 02 p0208 A67-12163	11 p1770	A67-24422		N-600/63133/-64940 13 p2070 A67-27154	
N-00014-66-C0028 04 p0713 A67-15382				N-61339-66-C-0031 01 p0147 A67-10325	
N-00014-66-C0037 24 p4164 A67-42682				N-62269-1862 05 p0814 A67-17459	
N-00014-66-C-0045 08 p1421 A67-20914				N-62269-2184 02 p0211 A67-11596	
N-00014-66-C-0058 23 p4060 A67-41231				N-62279-2578 05 p0841 A67-16537	
N-00014-66-C0169-A03 12 p1962 A67-26178				N-62558-2822 08 p1420 A67-20890	
N-00014-66-C0340 23 p4078 A67-41163				N-62558-3127 19 p3271 A67-35072	19 p3288 A67-35370
N-00014-67-A-0094-0008 12 p2011 A67-26249				N-62558-3243 08 p1420 A67-20890	
N-0014-67-A-0191-0001 06 p1032 A67-18465				N-62558-3581 08 p1420 A67-20890	
N-00014-67-A-0267-0002 23 p4051 A67-40812				N-62558-3624 12 p2041 A67-26249	
N-00014-67-A-0356-0003 16 p2626 A67-31347				N-62558-3639 06 p1038 A67-19046	22 p3850 A67-39717
N-123/953/-31663A 02 p0212 A67-11610				N-62558-3884 08 p1420 A67-20890	
N-123/60530/-2358A 09 p1456 A67-22372				N-62558-4254 12 p1950 A67-25738	
N-123/60530/-23558A 14 p2258 A67-28667				N-62558-4281 22 p3894 A67-40512	22 p3895 A67-40517
N-123/60530/-34767A 04 p0607 A67-15355				N-62558-4297 02 p0268 A67-12725	16 p2715 A67-31168
N-123/60530/-34804A 12 p1961 A67-26082				05 p0804 A67-17413	17 p2937 A67-32752
N-123/60530/-51581A 12 p1961 A67-26082				06 p1034 A67-17649	
N-123/60530/-54694A 13 p2078 A67-26781				N-G-0009/66/ 17 p2843 A67-32531	
N-140/62462/77595B 08 p1311 A67-20657				N-GR-25866 19 p3209 A67-35411	
N-140/62462/77629B 21 p3632 A67-38131				NAF-G-D-183-9 17 p2844 A67-32543	
N-156-45092 20 p3476 A67-36787				NARR-209 20 p3443 A67-36517	
N-156-45588 10 p1726 A67-23730				NAS0-1970 15 p2425 A67-29104	
N-161-26047 14 p2327 A67-28821				NAS1-0149 16 p2648 A67-31654	
N163-12115/X/ 21 p3595 A67-38339				NAS1-2691 23 p4000 A67-41217	
				NAS1-2934 02 p0187 A67-12278	
				NAS1-2973 22 p3872 A67-39811	

CONTRACT NUMBER INDEX

NAS1-3131				NAS1-5255			
05 p0905	A67-16831	06 p1094	A67-17703	07 p1253	A67-19971	13 p2208	A67-27528
NAS1-3179				NAS1-5256			
02 p0337	A67-11930	22 p3782	A67-39529	15 p2548	A67-30357		
NAS1-3419				NAS1-5293			
10 p1591	A67-23109			19 p3257	A67-35958		
NAS1-3485				NAS1-5342			
20 p3484	A67-36695			05 p0841	A67-16529		
NAS1-3612				NAS1-5347			
05 p0843	A67-16551	08 p1414	A67-21545	24 p4227	A67-42034		
07 p1240	A67-19365	16 p2756	A67-30623	NAS1-5525			
NAS1-3780				18 p2994	A67-34341		
07 p1155	A67-19876	16 p2638	A67-31264	NAS1-5547			
NAS1-3800				24 p4186	A67-42547		
02 p0194	A67-11808	12 p1940	A67-25465	NAS1-5885			
02 p0265	A67-12382	16 p2655	A67-31260	06 p1102	A67-18317		
06 p0975	A67-18108	18 p3137	A67-33968	NAS1-6003			
NAS1-3865-3				05 p0815	A67-16623		
06 p0950	A67-17748			NAS1-6073			
NAS1-4065				06 p1101	A67-18285	23 p4080	A67-41729
05 p0793	A67-17210			17 p2963	A67-33015		
NAS1-4221				NAS1-6088			
21 p3604	A67-38867			06 p1104	A67-18470		
NAS1-4270				NAS1-6617			
04 p0724	A67-15428			21 p3672	A67-38733		
NAS1-4419				NAS1-6689			
17 p2808	A67-33178			09 p1570	A67-21681		
NAS1-4449				NAS1-6702			
02 p0189	A67-12393			21 p3690	A67-38699	21 p3714	A67-38747
NAS1-4497				NAS2-1346			
01 p0115	A67-11305			09 p1457	A67-22493		
NAS1-4646				NAS2-1409			
13 p2154	A67-26816			16 p2756	A67-30625		
NAS1-4688				NAS2-1420			
15 p2554	A67-29405			03 p0366	A67-14137		
NAS1-4760				NAS2-1558			
18 p3141	A67-33886			04 p0560	A67-14407		
NAS1-4902				NAS2-1756			
23 p4078	A67-41163			01 p0145	A67-10919	22 p3871	A67-39796
NAS1-4923				09 p1500	A67-22427	22 p3871	A67-39797
01 p0074	A67-11123			11 p1870	A67-24441	22 p3871	A67-39798
NAS1-5035				19 p3314	A67-35270		
01 p0019	A67-11007	06 p0995	A67-18360	NAS2-1868-3			
NAS1-5040				17 p2808	A67-33177		
10 p1725	A67-23713			NAS2-1900			
NAS1-5059				23 p3944	A67-40856		
07 p1136	A67-20172			NAS2-2088			
NAS1-5065				10 p1657	A67-23780		
07 p1161	A67-19878			NAS2-2151			
NAS1-5106				22 p3751	A67-39602		
19 p3335	A67-35976			NAS2-2288			
NAS1-5116				07 p1136	A67-20171		
18 p2983	A67-33927			NAS2-2351			
NAS1-5194				04 p0594	A67-15875		
06 p1094	A67-17703			NAS2-2441			
NAS1-5198				03 p0534	A67-13069		
16 p2680	A67-31802			NAS2-2457			
NAS1-5224				15 p2456	A67-29364		
01 p0156	A67-11432	10 p1714	A67-23756	NAS2-2526			
NAS1-5251				15 p2564	A67-29422		
12 p1957	A67-26055						

CONTRACT NUMBER INDEX

NAS2-2609						
01 p0047	A67-11217	13	p2148	A67-27496	NAS3-4110	
08 p1311	A67-20343				01 p0140	A67-10703
NAS2-2648					NAS3-4171	
01 p0111	A67-11212	22	p3899	A67-39190	16 p2719	A67-31236
19 p3249	A67-34781				NAS3-4181	
NAS2-2671					20 p3553	A67-36885
03 p0354	A67-12918				NAS3-4190	
NAS2-3011					06 p1102	A67-18290
02 p0187	A67-12278				NAS3-4194	
NAS2-3035					23 p4079	A67-41408
12 p1894	A67-25492	20	p3362	A67-37530	NAS3-5248	
NAS2-3137					14 p2376	A67-28124
11 p1798	A67-24433				NAS3-5250	
NAS2-3164					05 p0871	A67-17349
24 p4139	A67-42043				NAS3-5755	
NAS2-3209					02 p0302	A67-11936
23 p3964	A67-41555				NAS3-5758	
NAS2-3274					13 p2188	A67-26839
17 p2840	A67-33149				17 p2861	A67-33029
NAS2-3476					NAS3-6010	
16 p2650	A67-31676				22 p3822	A67-40058
NAS2-3577					NAS3-6013	
06 p1118	A67-18485				24 p4108	A67-42556
NAS2-3580					NAS3-6261	
12 p1973	A67-25398	17	p2890	A67-33367	17 p2906	A67-33011
NAS2-3636					NAS3-6262	
19 p3249	A67-34781	22	p3899	A67-39190	13 p2188	A67-26822
NAS2-3705					NAS3-6270	
18 p3138	A67-34688				06 p1035	A67-18137
NAS2-3811					NAS3-6273	
15 p2569	A67-29855				21 p3692	A67-38714
NAS2-3862					NAS3-6283	
24 p4095	A67-42939				20 p3553	A67-36885
NAS3-2516					NAS3-6287	
21 p3692	A67-38712				18 p3067	A67-34578
NAS3-2528					NAS3-6288	
01 p0080	A67-10945				18 p3069	A67-33931
NAS3-2540					NAS3-6289	
05 p0830	A67-16829				24 p4254	A67-42480
NAS3-2545					NAS3-6290	
16 p2690	A67-31524				23 p4079	A67-41408
NAS3-2548					NAS3-6292	
15 p2448	A67-29755				18 p3067	A67-34578
NAS3-2555					NAS3-6293	
18 p3115	A67-33983				23 p4010	A67-41347
NAS3-2573					NAS3-6294	
04 p0554	A67-15353				04 p0687	A67-14835
NAS3-2595					NAS3-6297	
10 p1685	A67-23123	21	p3691	A67-38706	18 p3067	A67-34578
21 p3671	A67-38708	24	p4197	A67-42331	NAS3-6466	
NAS3-2796					10 p1596	A67-23165
10 p1596	A67-23165				18 p3106	A67-34637
NAS3-3232					NAS3-6469	
01 p0039	A67-11038	07	p1167	A67-20083	15 p2448	A67-29755
01 p0069	A67-11016	23	p4008	A67-41390	NAS3-6471	
NAS3-3562					09 p1449	A67-22347
13 p2188	A67-26839	17	p2971	A67-33030	NAS3-6473	
NAS3-4100					11 p1795	A67-24174
14 p2287	A67-28677	19	p3277	A67-35126	NAS3-7109	
					08 p1356	A67-20579

CONTRACT NUMBER INDEX

NAS3-7112				NAS5-2664			
21 p3690	A67-38700	21 p3692	A67-38712	08 p1359	A67-20896		
NAS3-7629				NAS5-2989			
15 p2505	A67-30149	17 p2871	A67-32411	13 p2194	A67-27251	17 p2940	A67-33401
NAS3-7630				NAS5-2990			
09 p1534	A67-22452			13 p2193	A67-27249		
NAS3-7638				NAS5-3043			
23 p3965	A67-41578			13 p2107	A67-26308		
NAS3-7926				NAS5-3092			
02 p0183	A67-12181	02 p0302	A67-11516	13 p2164	A67-26295		
NAS3-7932				NAS5-3093			
21 p3660	A67-38713			16 p2632	A67-31858	23 p3995	A67-40802
NAS3-7937				NAS5-3155			
20 p3444	A67-36524	21 p3691	A67-38703	01 p0154	A67-11194		
NAS3-7953				NAS5-3177			
24 p4254	A67-42480			03 p0514	A67-14151	23 p4070	A67-41711
NAS3-8504				04 p0693	A67-14974		
09 p1450	A67-22350	09 p1451	A67-22357	NAS5-3253			
NAS3-8510				10 p1676	A67-22820		
23 p4046	A67-41493			NAS5-3255			
NAS3-8511				14 p2310	A67-28052		
09 p1447	A67-22331			NAS5-3312			
NAS3-8907				12 p1995	A67-25763		
21 p3696	A67-38930			NAS5-3461			
NAS4-1043				03 p0375	A67-13560		
23 p3970	A67-41661			NAS5-3509			
NAS5-238				09 p1467	A67-21835		
11 p1747	A67-24233			NAS5-3524			
NAS5-417				20 p3519	A67-37406		
10 p1659	A67-22708	24 p4184	A67-42497	NAS5-3545			
NAS5-664				06 p0967	A67-17690		
20 p3553	A67-36885			NAS5-3546			
NAS5-681				11 p1767	A67-24731		
01 p0080	A67-10945			NAS5-3559			
NAS5-978				10 p1596	A67-23161	10 p1612	A67-23374
02 p0335	A67-12391			NAS5-3595			
NAS5-1143				06 p0995	A67-18074	16 p2666	A67-31410
11 p1745	A67-24797			NAS5-3747			
NAS5-1337				15 p2514	A67-29597		
12 p1947	A67-26161			NAS5-3805			
NAS5-1347				04 p0684	A67-15690		
02 p0335	A67-12391	21 p3594	A67-38328	NAS5-3815			
10 p1713	A67-23741			14 p2287	A67-28686		
NAS5-1413				NAS5-3899			
15 p2482	A67-30289			05 p0754	A67-17462		
NAS5-1810				NAS5-3940			
10 p1618	A67-23809	19 p3330	A67-36075	22 p3789	A67-39470		
11 p1861	A67-24488			NAS5-3985			
NAS5-2054				04 p0588	A67-15702		
07 p1244	A67-19926	20 p3432	A67-37401	NAS5-9001			
13 p2190	A67-26312			14 p2322	A67-29084		
NAS5-2131				NAS5-9028			
16 p2632	A67-31858	23 p3995	A67-40802	08 p1335	A67-21036		
NAS5-2133				NAS5-9041			
02 p0307	A67-11687	20 p3519	A67-37412	17 p2952	A67-33320		
13 p2193	A67-27249			NAS5-9076			
NAS5-2222				08 p1378	A67-21469	19 p3312	A67-35187
23 p4060	A67-41233			16 p2740	A67-31626		
NAS5-2555				NAS5-9085			
18 p3019	A67-33929	18 p3112	A67-33918	06 p1118	A67-18485		

CONTRACT NUMBER INDEX

NAS5-9088	21 p3625	A67-37899				NAS5-10241	24 p4105	A67-42519			
NAS5-9110	09 p1500	A67-22428				NAS5-10271	23 p3941	A67-41526			
NAS5-9128	19 p3229	A67-35170	19 p3229	A67-35210		NAS5-10272	23 p3942	A67-41528			
NAS5-9131	04 p0556	A67-15703				NAS5-10274	23 p3941	A67-41527			
NAS5-9161	07 p1137	A67-20187	07 p1137	A67-20188		NAS5-10297	15 p2565	A67-29762			
NAS5-9169	07 p1252	A67-19963				NAS5-10322	23 p4047	A67-41525			
NAS5-9178	24 p4108	A67-42540				NAS6-1061	03 p0409	A67-12943	20 p3443	A67-36517	
NAS5-9195	21 p3715	A67-39150					10 p1700	A67-23188	21 p3697	A67-37996	
NAS5-9207	08 p1315	A67-20660					11 p1784	A67-23927	22 p3870	A67-39673	
NAS5-9228	11 p1869	A67-23941					14 p2310	A67-28043	23 p3993	A67-40564	
NAS5-9244	12 p1925	A67-25723	24 p4153	A67-42039		NAS7-100	18 p3039	A67-33623			
NAS5-9292	09 p1467	A67-21835					01 p0019	A67-11146	12 p2034	A67-25715	
NAS5-9298	06 p1029	A67-18532	16 p2701	A67-31657			01 p0026	A67-10865	13 p2144	A67-27358	
NAS5-9320	07 p1225	A67-19495					01 p0131	A67-10262	13 p2188	A67-26848	
NAS5-9321	04 p0660	A67-14946	14 p2351	A67-28152			01 p0147	A67-10319	13 p2190	A67-26304	
	09 p1500	A67-22428					02 p0320	A67-11459	13 p2199	A67-26819	
NAS5-9350	19 p3229	A67-35170					05 p0805	A67-16463	14 p2259	A67-28297	
NAS5-9352	19 p3229	A67-35210					05 p0901	A67-17201	14 p2260	A67-28782	
NAS5-9521	01 p0156	A67-11426					06 p0961	A67-17943	14 p2273	A67-28709	
NAS5-9556	04 p0569	A67-14585					07 p1138	A67-20192	14 p2273	A67-28710	
NAS5-9571	14 p2322	A67-29084					07 p1145	A67-19873	14 p2276	A67-28847	
NAS5-9609	10 p1596	A67-23161					07 p1153	A67-19604	14 p2293	A67-28751	
NAS5-9702	17 p2811	A67-32116	18 p3000	A67-34102			07 p1171	A67-19394	15 p2516	A67-29131	
NAS5-9706	08 p1347	A67-20397					07 p1184	A67-19391	15 p2523	A67-29219	
NAS5-9729	21 p3586	A67-38956					07 p1189	A67-19999	15 p2564	A67-30438	
NAS5-9753-7	17 p2955	A67-32479					07 p1202	A67-19259	16 p2659	A67-30953	
NAS5-9769	14 p2310	A67-28052					08 p1321	A67-20707	16 p2746	A67-30931	
NAS5-9978	21 p3610	A67-37771	21 p3613	A67-38852			08 p1374	A67-21517	16 p2753	A67-31743	
NAS5-10160	19 p3175	A67-34803					08 p1384	A67-20621	17 p2802	A67-32049	
NAS5-10239	23 p3941	A67-41522					08 p1397	A67-21210	17 p2879	A67-32929	
							08 p1399	A67-21242	18 p3049	A67-34485	
							08 p1411	A67-20946	18 p3106	A67-34647	
							08 p1420	A67-20892	18 p3123	A67-34146	
							09 p1495	A67-21622	18 p3145	A67-34486	
							09 p1566	A67-22235	19 p3256	A67-35877	
							09 p1569	A67-22682	19 p3334	A67-35889	
							10 p1626	A67-23150	20 p3412	A67-37494	
							10 p1698	A67-23121	21 p3709	A67-38992	

CONTRACT NUMBER INDEX

NAS7-295				NAS8-850			
05 p0928 A67-17336				03 p0537 A67-14012		04 p0725 A67-15444	
NAS7-351				NAS8-1116			
02 p0305 A67-12298				18 p3011 A67-34107			
NAS7-352				NAS8-1549			
02 p0305 A67-12298				06 p0974 A67-17923			
NAS7-358				NAS8-1646			
21 p3617 A67-38190				07 p1161 A67-19879			
NAS7-359				NAS8-2029			
11 p1790 A67-24454	12 p2036 A67-26026			01 p0110 A67-10489			
NAS7-368				NAS8-2418			
10 p1723 A67-23699				13 p2122 A67-27683			
NAS7-380				NAS8-2442			
19 p3334 A67-35938				14 p2341 A67-28891			
NAS7-386				NAS8-2450			
12 p2038 A67-26041				13 p2228 A67-27662			
NAS7-389				NAS8-2451			
15 p2544 A67-29983	18 p3150 A67-33800			01 p0161 A67-10607		07 p1262 A67-19410	
NAS7-406				04 p0631 A67-15911			
18 p3157 A67-33940				NAS8-2484			
NAS7-408				13 p2086 A67-26415			
15 p2547 A67-29993				NAS8-2519			
NAS7-409				13 p2188 A67-26839			
23 p3937 A67-41490				NAS8-2537			
NAS7-413				08 p1385 A67-20934			
08 p1374 A67-20492				NAS8-2604			
NAS7-416				05 p0817 A67-16635			
18 p2982 A67-33925				NAS8-2680			
NAS7-420				04 p0607 A67-15363			
05 p0805 A67-16310				NAS8-2696			
NAS7-428				24 p4109 A67-42896			
24 p4109 A67-42560				NAS8-4006			
NAS7-438				04 p0554 A67-15353			
19 p3310 A67-35012				NAS8-4016			
NAS7-442				10 p1682 A67-23146		16 p2591 A67-30942	
18 p3158 A67-33951	19 p3310 A67-35014			NAS8-5030			
NAS7-467				22 p3767 A67-39362			
18 p3158 A67-33980				NAS8-5112			
NAS7-471				09 p1476 A67-22209			
12 p2036 A67-26026				NAS8-5168			
NAS7-481				09 p1573 A67-21754			
15 p2544 A67-29989	19 p3309 A67-35003			NAS8-5187			
NAS7-489				11 p1817 A67-24335			
10 p1670 A67-23701				NAS8-5208			
NAS7-502				13 p2227 A67-27644			
21 p3692 A67-38712				NAS8-5211			
NAS7-508				01 p0148 A67-10426		10 p1706 A67-23130	
09 p1450 A67-22355				NAS8-5269			
NAS7-525				06 p1033 A67-18544		13 p2158 A67-26879	
24 p4252 A67-42965				NAS8-5298			
NAS7-559				13 p2091 A67-27636			
21 p3697 A67-38960				NAS8-5326			
NAS7-564				13 p2098 A67-26947			
21 p3714 A67-38729				NAS8-5338			
NAS8-19				05 p0924 A67-17213		08 p1278 A67-21530	
18 p3114 A67-33981	20 p3445 A67-36540			NAS8-5371			
NAS8-50				08 p1412 A67-21107		18 p3077 A67-33974	
07 p1212 A67-20261	07 p1212 A67-20262			NAS8-5379			
NAS8-823				12 p1926 A67-26027			
07 p1241 A67-20072							

CONTRACT NUMBER INDEX

NAS8-5608			
02 p0260 A67-12372	17 p2881 A67-32057	NAS8-11295	13 p2075 A67-26478
NAS8-9500		NAS8-11298	08 p1424 A67-21521
16 p2734 A67-30705		NAS8-11302	14 p2304 A67-28361
NAS8-11004		NAS8-11309	03 p0504 A67-14274 20 p3533 A67-37125
07 p1248 A67-19358		11 p1859 A67-24342	22 p3869 A67-40173
NAS8-11007		NAS8-11328	12 p2034 A67-25726
15 p2514 A67-29602		NAS8-11346	20 p3484 A67-36695
NAS8-11009		NAS8-11363	01 p0167 A67-10973 13 p2155 A67-26493
20 p3365 A67-37364		11 p1822 A67-24416	
NAS8-11012		NAS8-11370	02 p0304 A67-12293
19 p3172 A67-36001	19 p3337 A67-35999	NAS8-11372	10 p1714 A67-23758 15 p2430 A67-29099
NAS8-11026		NAS8-11377	12 p1926 A67-26011
04 p0625 A67-15708		NAS8-11381	11 p1817 A67-24334
NAS8-11057		NAS8-11397	10 p1734 A67-23727
06 p1093 A67-19032		NAS8-11411	08 p1316 A67-21088
NAS8-11070		NAS8-11420	16 p2776 A67-31686
18 p3070 A67-34577		NAS8-11421	01 p0046 A67-11206
NAS8-11080		NAS8-11432	02 p0257 A67-12434
05 p0842 A67-16541		NAS8-11453	07 p1257 A67-19372
NAS8-11098		NAS8-11498	09 p1459 A67-21581
01 p0135 A67-10880		NAS8-11508	03 p0444 A67-13432 08 p1343 A67-21523
NAS8-11107		NAS8-11514	14 p2399 A67-28120
10 p1714 A67-23758	15 p2430 A67-29099	NAS8-11537	01 p0077 A67-10119
NAS8-11116		NAS8-11561	05 p0779 A67-17467 21 p3588 A67-38181
19 p3263 A67-35927		NAS8-11562	05 p0779 A67-17467
NAS8-11121		NAS8-11655	11 p1792 A67-24821
07 p1252 A67-19960	13 p2208 A67-27520	NAS8-11656	07 p1239 A67-19077
NAS8-11155		NAS8-11678	03 p0431 A67-13760 24 p4162 A67-42669
09 p1573 A67-21754	23 p4080 A67-41727	NAS8-11708	22 p3803 A67-40296
NAS8-11231		NAS8-11733	07 p1192 A67-20166
01 p0048 A67-11223	17 p2829 A67-32014	NAS8-11760	01 p0071 A67-11101
NAS8-11234			
04 p0734 A67-15848	20 p3547 A67-36723		
NAS8-11238			
05 p0924 A67-17213	11 p1742 A67-24350		
NAS8-11247			
03 p0534 A67-13067			
NAS8-11250			
09 p1579 A67-21706			
NAS8-11257			
06 p1075 A67-18449			
NAS8-11258			
03 p0422 A67-13773	17 p2855 A67-32282		
NAS8-11260			
06 p0944 A67-18888			
NAS8-11264			
11 p1771 A67-24892	20 p3408 A67-37075		
13 p2088 A67-27096	24 p4178 A67-42652		
14 p2342 A67-28081			
NAS8-11266			
03 p0419 A67-13040			
NAS8-11269			
03 p0448 A67-13052	14 p2293 A67-28138		
NAS8-11273			
03 p0467 A67-13039			
NAS8-11274			
13 p2086 A67-26416	22 p3778 A67-40157		
NAS8-11292			
08 p1351 A67-20675			

CONTRACT NUMBER INDEX

NAS8-11861					NAS8-20165			
08 p1370	A67-21294				22 p3906	A67-40165		
NAS8-11903					NAS8-20166			
21 p3607	A67-37796				12 p2009	A67-26008		
NAS8-11934					NAS8-20167			
01 p0069	A67-11017				13 p2229	A67-27664		
NAS8-14000					NAS8-20175			
21 p3702	A67-38024	23 p3981	A67-41395		06 p1084	A67-18288		
NAS8-18001					NAS8-20199			
15 p2514	A67-29602				16 p2747	A67-30991	22 p3887	A67-40142
NAS8-18036					NAS8-20203			
22 p3888	A67-40147				22 p3786	A67-40104		
NAS8-18065					NAS8-20211			
18 p3076	A67-33947				22 p3869	A67-40170		
NAS8-18117					NAS8-20222			
20 p3375	A67-37630				16 p2658	A67-30946	22 p3785	A67-39969
NAS8-18120					NAS8-20236			
15 p2457	A67-29369	23 p3983	A67-40645		22 p3903	A67-39950		
19 p3200	A67-34849	23 p3984	A67-41159		NAS8-20238			
22 p3833	A67-40158				10 p1706	A67-23130		
NAS8-20006					NAS8-20245			
23 p3959	A67-41657				06 p0980	A67-18286		
NAS8-20016					NAS8-20256			
03 p0399	A67-14213				20 p3381	A67-36566		
NAS8-20023					NAS8-20262			
19 p3259	A67-35989				24 p4238	A67-42988		
NAS8-20027					NAS8-20265			
07 p1241	A67-20072				10 p1735	A67-23729	24 p4256	A67-42915
NAS8-20028					NAS8-20290			
01 p0046	A67-11209				15 p2470	A67-29438	17 p2840	A67-33147
NAS8-20067					NAS8-20293			
19 p3336	A67-35988	24 p4137	A67-42903		18 p3152	A67-33820		
NAS8-20073					NAS8-20300			
12 p1989	A67-25704	22 p3888	A67-40189		22 p3832	A67-39964		
NAS8-20080					NAS8-20310			
13 p2212	A67-26818				08 p1364	A67-21396		
NAS8-20082					NAS8-20317			
13 p2050	A67-26831	22 p3887	A67-40138		23 p3986	A67-40847		
22 p3784	A67-39946	22 p3887	A67-40143		NAS8-20342			
22 p3885	A67-39963	22 p3901	A67-39928		18 p3137	A67-33937		
NAS8-20104					NAS8-20377			
22 p3831	A67-39957	22 p3833	A67-40159		24 p4185	A67-42544		
NAS8-20108					NAS8-20387			
03 p0422	A67-13773				10 p1727	A67-23751		
NAS8-20122					NAS8-20408			
08 p1385	A67-20934				16 p2591	A67-30943		
NAS8-20125					NAS8-20529			
22 p3813	A67-40181				11 p1790	A67-24448		
NAS8-20135					NAS8-20552			
04 p0588	A67-15707				22 p3856	A67-39438	24 p4173	A67-42347
NAS8-20137					NAS8-20553			
13 p2179	A67-27143				17 p2836	A67-32053		
NAS8-20146					NAS8-20558			
13 p2057	A67-27640				10 p1664	A67-22906		
NAS8-20155					NAS8-20570			
02 p0332	A67-12292	22 p3897	A67-39162		11 p1818	A67-24418		
NAS8-20163					NAS9-150			
13 p2072	A67-26412				11 p1748	A67-24340	12 p2012	A67-25728
NAS8-20164					NAS9-153			
23 p4080	A67-41727				08 p1352	A67-21525	21 p3603	A67-38185

CONTRACT NUMBER INDEX

19 p3213	A67-34804		
NAS9-170			NAS9-4172
15 p2492	A67-29558		21 p3577 A67-38899
NAS9-1100			NAS9-4266
07 p1165	A67-20062	21 p3714	08 p1292 A67-20672
07 p1165	A67-20064	24 p4253	NAS9-4373
19 p3260	A67-36011		20 p3393 A67-36176
NAS9-1200			NAS9-4500
01 p0015	A67-10954		05 p0755 A67-16278
NAS9-1278			NAS9-4501
16 p2618	A67-30779		12 p1921 A67-25689
NAS9-1461			NAS9-4530
01 p0016	A67-10949	09 p1455	17 p2937 A67-32539
05 p0754	A67-16276	10 p1602	NAS9-4539
07 p1134	A67-19858	17 p2805	23 p3955 A67-41610
07 p1135	A67-19863		NAS9-4552
NAS9-1970			10 p1730 A67-23771
13 p2062	A67-26919		NAS9-4559
NAS9-2096			14 p2297 A67-28108
04 p0732	A67-15833		NAS9-4599
NAS9-2323			06 p0988 A67-18364
20 p3372	A67-37429		NAS9-4618
NAS9-2610			11 p1756 A67-24709
05 p0841	A67-16529		14 p2275 A67-28683
NAS9-2619			NAS9-4630
06 p1023	A67-18267	13 p2207	22 p3785 A67-39971
07 p1252	A67-19959		NAS9-4810
NAS9-2886			06 p1029 A67-18266
09 p1455	A67-21731		07 p1254 A67-19982
NAS9-2984			NAS9-4822
07 p1257	A67-19368		20 p3443 A67-36517
NAS9-3152			NAS9-4841
09 p1569	A67-22689		02 p0246 A67-12267
NAS9-3182			NAS9-4915
12 p2003	A67-25740		02 p0333 A67-12300
NAS9-3349			15 p2564 A67-29423
06 p1118	A67-18506		NAS9-4942
NAS9-3449			16 p2754 A67-31749
17 p2942	A67-32387		NAS9-5207
NAS9-3499			03 p0451 A67-13401
13 p2199	A67-26827		NAS9-5232
NAS9-3531			23 p3956 A67-41630
10 p1656	A67-23139		NAS9-5266
NAS9-3535			20 p3363 A67-36585
12 p1921	A67-25689		24 p4104 A67-42510
NAS9-3548			NAS9-5288
09 p1499	A67-22175		07 p1255 A67-19993
NAS9-3562			13 p2210 A67-27544
02 p0332	A67-12286		NAS9-5632
NAS9-3623			08 p1387 A67-20963
19 p3237	A67-35839		NAS9-5821
NAS9-3650			15 p2428 A67-29271
06 p0961	A67-17706		17 p2805 A67-31953
NAS9-3713			NAS9-5829
01 p0074	A67-11127		03 p0397 A67-14133
NAS9-4036			NAS9-5884
01 p0104	A67-10428	07 p1217	20 p3443 A67-36517
06 p1029	A67-18495		NAS9-5886
NAS9-4065			08 p1387 A67-20964
01 p0073	A67-11115		NAS9-6195
11 p1873	A67-24193		21 p3591 A67-38153
15 p2454	A67-30230		22 p3813 A67-39253
19 p3259	A67-35984		NAS9-48060
		21 p3603	22 p3883 A67-39817
		22 p3830	NAS9-51111
		22 p3833	19 p3180 A67-35274
		22 p3898	

CONTRACT NUMBER INDEX

NAS10-939				NASA ORDER 1-3800			
13 p2186	A67-27651			21 p3601	A67-39062		
NAS10-2300				NASA ORDER A-26			
02 p0304	A67-12294	17 p2928	A67-32064	22 p3832	A67-40146		
NAS10-2693				NASA ORDER C-249-62			
23 p3935	A67-40846			17 p2817	A67-33233		
NAS12-2				NASA ORDER G-09-015-023			
24 p4133	A67-42817			16 p2749	A67-31401		
NAS12-6				NASA ORDER G-237-62			
11 p1801	A67-24715			17 p2817	A67-33233		
NAS12-16				NASA ORDER G-659			
19 p3191	A67-34845	19 p3206	A67-36034	22 p3860	A67-39902		
NAS12-26				NASA ORDER G-6669			
08 p1384	A67-20620	15 p2554	A67-29405	15 p2509	A67-29371		
NAS12-57				NASA ORDER NOR-15-00-021			
16 p2650	A67-31676			15 p2456	A67-29365		
NAS12-60				NASA ORDER R-05-030-001			
10 p1673	A67-23747			09 p1552	A67-21671		
NAS12-81				NASA ORDER R-09-019-040			
14 p2273	A67-28799			23 p3961	A67-40843		
NAS12-97				NASA ORDER R-18			
05 p0804	A67-16306			18 p3032	A67-33580	18 p3038	A67-33616
NAS12-114				NASA ORDER R-21-005-001			
06 p1029	A67-18495			24 p4116	A67-42705		
NAS12-436				NASA ORDER R-21-009-004/013/			
20 p3491	A67-37688			17 p2936	A67-32534	22 p3872	A67-39812
NAS-790				NASA ORDER R-24			
09 p1476	A67-22212			23 p3959	A67-41697		
NAS-934				NASA ORDER R-35			
16 p2734	A67-31884			24 p4116	A67-42705		
NAS-1283				NASA ORDER R-39			
20 p3489	A67-37431			20 p3371	A67-36818		
NAS-4065				NASA ORDER R-45			
13 p2123	A67-26803			13 p2076	A67-26514	15 p2490	A67-30155
NASA-15-00-021				NASA ORDER R-64			
02 p0226	A67-12155			08 p1329	A67-20354		
NASA-21-003-002				NASA ORDER R-66			
09 p1566	A67-22236			20 p3528	A67-37424		
NASA-44-006-033				NASA ORDER R-73			
03 p0367	A67-13524			11 p1788	A67-23965		
NASA-80-X-0108/64/				NASA ORDER R-85			
02 p0258	A67-11558	18 p3072	A67-34397	02 p0188	A67-12339	23 p3967	A67-41611
04 p0647	A67-15660			03 p0366	A67-14289		
NASA-9159				NASA ORDER R-89			
06 p1088	A67-18476			15 p2430	A67-29278	23 p3964	A67-41559
NASA/AEC SNP-1				NASA ORDER R-92			
13 p2143	A67-27678			17 p2843	A67-32535		
NASA/AEC SNPC-35				NASA ORDER R-104/2/			
13 p2092	A67-27652			10 p1598	A67-23394		
NASA C-916				NASA ORDER R-104/02/09-019-900			
19 p3287	A67-35358			03 p0491	A67-13224		
NASA G-21-002-059				NASA ORDER R-125-22-13-009			
09 p1566	A67-22236			19 p3216	A67-35194		
NASA G-24-005/056/				NASA ORDER R-129			
05 p0757	A67-17156			04 p0561	A67-14592	22 p3835	A67-39238
NASA G-56-60				NASA ORDER R-137			
01 p0148	A67-10385			10 p1601	A67-23348	23 p3961	A67-40851
NASA G-S-49285/G/				11 p1749	A67-24788	23 p3962	A67-40852
09 p1494	A67-21619			19 p3179	A67-34911	23 p3962	A67-40857
				NASA ORDER S-2481-G			
				06 p0997	A67-18699		

CONTRACT NUMBER INDEX

NASA ORDER S-60376-G				NASR-147			
06	p0996	A67-18646		13	p2117	A67-27606	
NASA ORDER SC-R-76-21-09-001				NASR-179			
18	p3154	A67-33832		10	p1645	A67-23262	17 p2852 A67-33235
NASA ORDER WQ-3034				NASR-198			
15	p2546	A67-29992		03	p0507	A67-13917	13 p2189 A67-26302
NASA ORDER WQ-W11-294				NASR-209			
18	p3108	A67-33814		21	p3697	A67-37996	
NASA-R-85				NASR-211			
03	p0366	A67-14289		16	p2739	A67-31406	
NASR-7				NASR-215			
22	p3799	A67-39749	22 p3912 A67-39748	04	p0714	A67-15412	21 p3715 A67-37894
NASR-21				NASR-220			
08	p1329	A67-21485	23 p3996 A67-40815	06	p1088	A67-18644	17 p2945 A67-32652
14	p2345	A67-28909	23 p3996 A67-40816	NASR-231			
15	p2441	A67-30166	24 p4116 A67-42972	02	p0328	A67-12402	06 p1086 A67-18352
NASR-21/02/				NASW-6			
15	p2437	A67-29952		07	p1179	A67-19911	12 p2007 A67-25822
NASR-22				NASW-7			
15	p2426	A67-29111	20 p3372 A67-37160	11	p1857	A67-23942	22 p3790 A67-39800
19	p3177	A67-35220		NASW-15			
NASR-37-002-004				12	p1936	A67-25805	
22	p3799	A67-39749		NASW-56			
NASR-49/16/				12	p1995	A67-25763	
10	p1657	A67-23780		NASW-59			
NASR-49/19/				02	p0247	A67-12695	
21	p3636	A67-38769		NASW-82			
NASR-54/05/				20	p3434	A67-37430	
15	p2521	A67-29192		NASW-133			
NASR-54/07/				05	p0904	A67-17404	
12	p1946	A67-25983	16 p2677 A67-31427	NASW-155			
NASR-54/10/				07	p1180	A67-19924	12 p1937 A67-25812
09	p1526	A67-22393		07	p1182	A67-19953	19 p3222 A67-35453
NASR-65/06/				NASW-167			
07	p1249	A67-19570	16 p2745 A67-30749	14	p2310	A67-28052	
08	p1429	A67-20969	24 p4227 A67-42041	NASW-184			
13	p2232	A67-27550		02	p0323	A67-11699	18 p3082 A67-33878
NASR-65/10/				11	p1861	A67-24495	
22	p3800	A67-40106		NASW-395			
NASR-65/11/				20	p3489	A67-37431	
10	p1650	A67-23337		NASW-410			
NASR-86				03	p0400	A67-14218	05 p0814 A67-17263
16	p2680	A67-31875		NASW-483			
NASR-94/03/				08	p1359	A67-20898	
05	p0790	A67-16135	21 p3727 A67-38866	NASW-508			
06	p1101	A67-18272		03	p0510	A67-13592	
NASR-94/06/				NASW-572			
06	p1104	A67-18496	12 p2030 A67-25916	08	p1300	A67-20637	
10	p1718	A67-23455	23 p3972 A67-41066	NASW-593			
NASR-100-/01/				02	p0324	A67-11700	
11	p1806	A67-24365		NASW-619			
NASR-115				20	p3447	A67-36840	
11	p1748	A67-24262	24 p4117 A67-42999	NASW-682			
NASR-116				04	p0717	A67-15915	
20	p3434	A67-37425		NASW-696			
NASR-138				21	p3655	A67-37783	
15	p2492	A67-30435		NASW-698			
NASR-138/03-002-010				15	p2528	A67-29569	
07	p1184	A67-19395		NASW-708			
NASR-145				09	p1533	A67-22152	
01	p0092	A67-10058					

CONTRACT NUMBER INDEX

NASW-726	01 p0097 A67-10698				NASW-1014	02 p0250 A67-12697	05 p0857 A67-17424
						03 p0484 A67-14037	
NASW-729	12 p1929 A67-25904				NASW-1021	03 p0431 A67-13756	24 p4162 A67-42674
						24 p4145 A67-42673	
NASW-747	07 p1134 A67-19846	09 p1454 A67-22015			NASW-1028	07 p1145 A67-19870	
	07 p1134 A67-19847						
NASW-750	14 p2316 A67-28192				NASW-1035	12 p1945 A67-25919	
NASW-751	16 p2753 A67-31744				NASW-1044	02 p0276 A67-12568	
NASW-767	15 p2429 A67-29648				NASW-1054	15 p2426 A67-29113	
NASW-770	15 p2426 A67-29115				NASW-1057	08 p1394 A67-21109	
NASW-771	24 p4145 A67-42673				NASW-1064	08 p1316 A67-21085	
NASW-820	12 p1935 A67-25798				NASW-1070	02 p0302 A67-11937	
NASW-835	11 p1753 A67-24307				NASW-1083	10 p1646 A67-23272	
NASW-837	08 p1327 A67-21462	14 p2294 A67-29036			NASW-1138	03 p0423 A67-13806	10 p1727 A67-23738
	08 p1328 A67-21463				NASW-1140	05 p0796 A67-16518	
NASW-843	10 p1651 A67-23428	24 p4236 A67-42644			NASW-1143	24 p4245 A67-43022	
NASW-847	18 p3076 A67-33964				NASW-1162	12 p1959 A67-26053	
NASW-855	11 p1795 A67-24173				NASW-1195	13 p2098 A67-26938	15 p2434 A67-30197
NASW-871	23 p3944 A67-40999				NASW-1198	12 p1946 A67-25982	
NASW-890	07 p1138 A67-20190				NASW-1209	21 p3591 A67-38210	
NASW-901	08 p1382 A67-20398				NASW-1211	05 p0858 A67-17430	07 p1182 A67-19948
NASW-905	09 p1572 A67-22310	20 p3401 A67-37315				05 p0858 A67-17434	07 p1244 A67-19923
NASW-909	11 p1856 A67-24505				NASW-1219	04 p0600 A67-14446	
NASW-928	04 p0709 A67-14810				NASW-1231	06 p1019 A67-18561	10 p1658 A67-23781
NASW-939	08 p1426 A67-20569				NASW-1235	24 p4190 A67-41805	
NASW-954	17 p2835 A67-32987				NASW-1240	20 p3452 A67-37407	
NASW-960	20 p3548 A67-36737	23 p4082 A67-40997			NASW-1254	09 p1448 A67-22342	
NASW-962	01 p0092 A67-10053	10 p1658 A67-23781			NASW-1283	07 p1137 A67-20188	17 p2850 A67-33192
						08 p1327 A67-21371	24 p4190 A67-42096
NASW-974	11 p1790 A67-24453				NASW-1284	02 p0308 A67-11771	13 p2189 A67-26263
						02 p0324 A67-11772	
NASW-979	22 p3861 A67-39914				NASW-1291	03 p0513 A67-14020	19 p3213 A67-34824
NASW-980	24 p4186 A67-42550				NASW-1303	08 p1426 A67-20569	
NASW-1000	09 p1474 A67-22086				NASW-1306	04 p0564 A67-15431	23 p3965 A67-41562
NASW-1003	09 p1478 A67-22257						

CONTRACT NUMBER INDEX

NASW-1309					
08 p1397	A67-21214	18 p3135	A67-34542	NGR-03-001-022	
				06 p1095	A67-18263 17 p2956 A67-33013
NASW-1310				NGR-03-002-071	
18 p3158	A67-33965			13 p2161	A67-27398 24 p4158 A67-42700
NASW-1313				NGR-03-002-091	
23 p3954	A67-41592			16 p2661	A67-31222 21 p3576 A67-39099
NASW-1323				NGR-03-011-014	
12 p1945	A67-25857	12 p1945	A67-25860	22 p3899	A67-39311
NASW-1336				NGR-05-002-034	
08 p1399	A67-21241	19 p3319	A67-35217	03 p0514	A67-14312 10 p1703 A67-23799
NASW-1341				04 p0691	A67-14485
07 p1137	A67-20187			NGR-05-003-020	
NASW-1343				24 p4113	A67-42653
10 p1727	A67-23753			NGR-05-003-090	
NASW-1363				15 p2433	A67-29296 23 p3952 A67-41568
17 p2835	A67-32987			18 p2992	A67-34719 23 p3958 A67-41654
NASW-1366				NGR-05-003-091	
08 p1378	A67-21475			20 p3453	A67-37598
NASW-1371				NGR-05-003-096	
20 p3374	A67-36582	22 p3754	A67-39599	14 p2310	A67-28056
NASW-1400				NGR-05-003-220	
11 p1862	A67-24499	17 p2901	A67-32528	22 p3843	A67-39267 22 p3849 A67-39701
NASW-1404				NGR-05-004-006	
21 p3690	A67-38701			17 p2888	A67-32926 22 p3871 A67-39799
NASW-1412				NGR-05-004-008	
21 p3697	A67-38961			15 p2427	A67-29268 23 p3953 A67-41587
NASW-1450				NGR-05-007-041	
19 p3323	A67-35331			06 p0997	A67-18701 18 p3046 A67-33748
NASW-1467				16 p2665	A67-30983
17 p2805	A67-31957	23 p3963	A67-41541	NGR-05-007-065	
NASW-1474				11 p1857	A67-23942 22 p3790 A67-39800
23 p4001	A67-41225			12 p2007	A67-25822
NASW-1505				NGR-05-007-066	
17 p2937	A67-32648			09 p1550	A67-22679 11 p1835 A67-24382
NASW-1513				NGR-05-007-099	
21 p3691	A67-38710			02 p0268	A67-12385
NASW-1535				NGR-05-009-025	
13 p2189	A67-26263			08 p1276	A67-20568 12 p1893 A67-25935
NASW-1550				NGR-05-010-001	
19 p3180	A67-35264			20 p3509	A67-36508 23 p4038 A67-40774
NASW-1583				NGR-05-018-044	
17 p2937	A67-32648	19 p3331	A67-36084	15 p2473	A67-30220
17 p2937	A67-32649			NGR-05-020-016	
NATO G-80				08 p1323	A67-21390 11 p1855 A67-23944
03 p0372	A67-14239			NGR-05-020-036	
NATO G-245				21 p3576	A67-39100 22 p3750 A67-39318
12 p1966	A67-25293	17 p2960	A67-32455	NGR-05-020-066	
NBS CST-103				12 p1983	A67-25478 16 p2732 A67-31698
04 p0694	A67-14479			NGR-05-020-073	
NBS CST-7546				10 p1619	A67-23419 14 p2291 A67-28066
07 p1251	A67-19914			NGR-05-020-077	
NBY-32274				11 p1827	A67-23886 19 p3288 A67-35371
20 p3552	A67-36827			NGR-05-020-091	
NEL-51806A				11 p1775	A67-23865 15 p2527 A67-29563
01 p0035	A67-10431			NGR-05-020-103	
NGR-01-003-012				10 p1664	A67-22906 13 p2127 A67-27084
18 p3103	A67-34590			13 p2125	A67-26407
NGR-03-001-014				NGR-05-020-115	
06 p1095	A67-18312	19 p3333	A67-35747	12 p1938	A67-26001
16 p2762	A67-30962			NGR-05-020-137	
				05 p0758	A67-16701 24 p4119 A67-42665
				12 p1946	A67-25981

CONTRACT NUMBER INDEX

NGR-05-020-165					
09 p1510	A67-21574				
NGR-05-030-001					
02 p0286	A67-11709				
NGR-06-002-032					
03 p0503	A67-13492	21 p3693	A67-38736		
18 p3112	A67-33910	24 p4208	A67-42901		
NGR-06-003-003					
06 p1090	A67-18886				
NGR-06-003-034					
16 p2680	A67-31875				
NGR-06-003-052					
20 p3434	A67-37421				
NGR-06-004-007					
24 p4118	A67-41926				
NGR-07-004-014					
01 p0147	A67-10379	01 p0147	A67-10380		
NGR-07-004-028					
11 p1838	A67-24402	22 p3842	A67-40346		
16 p2715	A67-31063	23 p4031	A67-40782		
NGR-07-004-029					
03 p0537	A67-14314				
NGR-07-004-036					
20 p3369	A67-36657				
NGR-07-004-049					
18 p3136	A67-34589				
NGR-09-005-005					
18 p3076	A67-33966				
NGR-09-005-025					
21 p3661	A67-37752	21 p3671	A67-38694		
NGR-09-010-008					
23 p3971	A67-40747				
NGR-09-015-023					
07 p1256	A67-20022	16 p2747	A67-30989		
08 p1385	A67-20931	18 p3134	A67-34536		
09 p1566	A67-22236	23 p4063	A67-40799		
11 p1867	A67-24776				
NGR-09-015-025					
15 p2477	A67-29626				
NGR-09-020-103					
05 p0824	A67-16823				
NGR-09-030					
21 p3689	A67-38691				
NGR-10-004-004					
15 p2556	A67-29870				
NGR-10-004-029					
21 p3650	A67-37780				
NGR-10-005-005					
17 p2886	A67-33261	21 p3710	A67-38997		
NGR-10-005-036					
12 p2030	A67-25937				
NGR-10-005-039					
17 p2863	A67-33354	19 p3266	A67-35603		
17 p2887	A67-32205	24 p4154	A67-42173		
18 p3065	A67-34364				
NGR-10-007-010					
12 p2037	A67-26032				
NGR-10-007-011					
02 p0325	A67-11860	23 p4065	A67-41003		
08 p1387	A67-20965	23 p4066	A67-41007		
15 p2553	A67-29157				
NGR-10-007-015					
14 p2350	A67-27798				
NGR-10-007-017					
18 p3125	A67-34160				
NGR-11-001-009					
20 p3373	A67-37669				
NGR-11-002-033					
09 p1441	A67-22492				
NGR-12-001-011					
11 p1823	A67-24490	12 p2001	A67-25222		
NGR-14-001-015					
09 p1562	A67-22241				
NGR-14-001-054					
04 p0697	A67-14759	19 p3331	A67-36083		
11 p1861	A67-24492	20 p3528	A67-37471		
19 p3330	A67-36081				
NGR-14-005-036					
04 p0738	A67-15869	12 p2037	A67-26034		
06 p1115	A67-18328				
NGR-14-005-037					
08 p1356	A67-21300				
NGR-14-005-038					
11 p1820	A67-24921	21 p3589	A67-37824		
11 p1820	A67-24922				
NGR-14-007-021					
17 p2877	A67-32559	19 p3210	A67-35703		
NGR-14-007-027					
05 p0803	A67-17387				
NGR-14-007-041					
09 p1568	A67-22367	11 p1858	A67-23995		
NGR-14-008-009					
13 p2147	A67-27454				
NGR-15-005-021					
01 p0018	A67-10105	13 p2051	A67-27587		
01 p0046	A67-11204	13 p2200	A67-27235		
02 p0226	A67-12148	15 p2457	A67-29367		
05 p0835	A67-16739	16 p2650	A67-31674		
06 p0954	A67-17568	17 p2889	A67-33257		
08 p1311	A67-20345	18 p3117	A67-33427		
10 p1705	A67-22954	20 p3489	A67-37093		
11 p1798	A67-24316	24 p4234	A67-42631		
NGR-15-005-028					
24 p4157	A67-42435				
NGR-15-005-0210					
11 p1823	A67-24599				
NGR-16-001-043					
18 p3092	A67-34747				
NGR-19-001-009					
22 p3880	A67-39415				
NGR-19-001-012					
20 p3444	A67-36525				
NGR-21-001-001					
10 p1653	A67-22739				
NGR-21-002-022					
06 p1035	A67-17829	20 p3461	A67-37289		
NGR-21-002-053					
04 p0658	A67-15510				
NGR-21-002-059					
07 p1256	A67-20022				
NGR-21-002-096					
17 p2906	A67-33054				
NGR-21-003-002					
07 p1256	A67-20022				
NGR-22-007-056					
15 p2521	A67-29185	19 p3194	A67-35515		

CONTRACT NUMBER INDEX

NGR-22-007-068			NGR-27-001-015		
06 p0977	A67-18525	19 p3206	A67-35941	14 p2347	A67-28128
15 p2439	A67-29596	24 p4137	A67-42821		
NGR-22-009-019			NGR-27-007-068		
16 p2753	A67-31699	01 p0028			A67-10450
NGR-22-009-052			NGR-30-001-011		
12 p1972	A67-25384	17 p2906	A67-33033	07 p1180	A67-19925
15 p2469	A67-29220	11 p1826 A67-23881			
NGR-22-009-059			NGR-30-002-021		
11 p1875	A67-24431	16 p2739 A67-31406			
NGR-22-009-064			NGR-30-011-035		
03 p0514	A67-14311	20 p3520	A67-37476	15 p2519	A67-29331
05 p0891	A67-16403	NGR-31-001-05			
NGR-22-009-065			06 p1101 A67-18252		
03 p0534	A67-13070	NGR-31-001-025			
NGR-22-009-091			24 p4145 A67-42708		
24 p4201	A67-41892	NGR-31-001-044			
NGR-22-009-114			18 p3046 A67-33880		
17 p2943	A67-32542	18 p3042	A67-34493	NGR-31-001-059	
NGR-22-009-117			08 p1424 A67-21433		
10 p1707	A67-23228	12 p2030 A67-25930			
NGR-22-009-121			17 p2963 A67-33032		
12 p2040	A67-26229	13 p2098	A67-26941	NGR-31-001-068	
NGR-22-009-124			02 p0207 A67-12138		
08 p1310	A67-20338	19 p3201	A67-34965	20 p3412	A67-37495
08 p1346	A67-20333	21 p3715	A67-39153	NGR-31-003-014	
15 p2455	A67-29167	19 p3344 A67-34999			
NGR-22-009-131			22 p3904 A67-40110		
17 p2943	A67-32542	20 p3489	A67-37431	NGR-31-003-032	
18 p3042	A67-34493	08 p1347 A67-20366			
NGR-22-009-158			NGR-32-003-027		
13 p2073	A67-27065	08 p1415 A67-20488			
NGR-22-009-207			22 p3920 A67-40424		
19 p3255	A67-35856	23 p4063 A67-40800			
NGR-22-011-007			NGR-32-004-026		
08 p1284	A67-20693	20 p3425 A67-37599			
NGR-23-005-107			NGR-33-006-020		
09 p1533	A67-22449	15 p2509	A67-29199	02 p0201	A67-12118
11 p1820	A67-24909	02 p0204 A67-12170			
NGR-23-005-131			14 p2273 A67-28708		
10 p1710	A67-23752	NGR-33-008-053			
NGR-23-006-128			09 p1562 A67-22227		
07 p1240	A67-19437	NGR-33-008-055			
NGR-24-005-056			11 p1864 A67-24558		
02 p0186	A67-11861	19 p3177	A67-34913	NGR-33-008-062	
NGR-24-005-063			17 p2952 A67-33362		
06 p1035	A67-17989	17 p2922	A67-33259	NGR-33-010-029	
11 p1770	A67-24423	20 p3446	A67-36655	03 p0447	A67-13647
15 p2523	A67-29229	20 p3546	A67-36722	03 p0496	A67-13648
NGR-24-005-065			19 p3244 A67-34937		
05 p0926	A67-16816	12 p1961	A67-26064	19 p3246	A67-35786
05 p0926	A67-16817	15 p2509	A67-29461	NGR-33-013-11	
07 p1162	A67-20275	16 p2697	A67-31424	06 p1101	A67-18253
11 p1800	A67-24243	17 p2840	A67-33138	NGR-33-015-013	
NGR-24-005-111			10 p1673 A67-22833		
17 p2939	A67-33246	17 p2952	A67-33247	NGR-33-016-038	
NGR-25-001-007			19 p3232 A67-35926		
13 p2066	A67-26406	NGR-33-016-057			
NGR-26-003-003			11 p1821 A67-23959		
24 p4141	A67-41927	NGR-33-016-067			
NGR-26-004-003			20 p3527 A67-37259		
15 p2580	A67-29883	21 p3576 A67-39097			
NGR-26-004-035			NGR-33-018-003		
19 p3200	A67-34846	21 p3683 A67-38406			
			NGR-33-018-014		
			02 p0225 A67-12136		
			15 p2460 A67-30314		
			19 p3199 A67-34784		
			NGR-33-019-058		
			19 p3200 A67-34841		

CONTRACT NUMBER INDEX

NGR-33-023-018					
02 p0308 A67-12032	09 p1568 A67-22438				
NGR-34-001-005					
10 p1598 A67-23397					
NGR-36-003-064					
04 p0630 A67-15408	20 p3550 A67-36748				
17 p2876 A67-32423	21 p3674 A67-38885				
19 p3260 A67-35743					
NGR-36-004-014					
23 p3944 A67-40801	23 p4044 A67-41440				
NGR-36-005-001					
24 p4113 A67-42099					
NGR-36-008-032					
14 p2299 A67-28171					
NGR-36-008-040					
23 p4024 A67-41084					
NGR-37-002-004					
22 p3912 A67-39748					
NGR-37-002-028					
17 p2840 A67-33031					
NGR-39-002-023					
22 p3911 A67-39681					
NGR-39-003-005					
18 p2996 A67-33780	18 p3149 A67-33799				
18 p2996 A67-33786	18 p3150 A67-33800				
18 p2996 A67-33788	18 p3150 A67-33801				
18 p2996 A67-33789	18 p3150 A67-33802				
18 p2997 A67-33790	18 p3150 A67-33803				
18 p2997 A67-33791	18 p3151 A67-33807				
18 p2997 A67-33794	18 p3151 A67-33808				
18 p2997 A67-33795	18 p3151 A67-33809				
18 p3019 A67-33779	18 p3151 A67-33815				
18 p3081 A67-33781	18 p3151 A67-33816				
18 p3081 A67-33782	18 p3152 A67-33817				
18 p3081 A67-33783	18 p3152 A67-33818				
18 p3081 A67-33784	18 p3152 A67-33819				
18 p3081 A67-33792	18 p3152 A67-33820				
18 p3082 A67-33793	18 p3153 A67-33822				
18 p3086 A67-33825	18 p3153 A67-33823				
18 p3107 A67-33804	18 p3153 A67-33824				
18 p3107 A67-33805	18 p3153 A67-33826				
18 p3107 A67-33806	18 p3153 A67-33827				
18 p3107 A67-33810	18 p3153 A67-33828				
18 p3107 A67-33811	18 p3154 A67-33829				
18 p3108 A67-33812	18 p3154 A67-33832				
18 p3108 A67-33813	18 p3154 A67-33833				
18 p3108 A67-33814	18 p3154 A67-33834				
18 p3108 A67-33830	18 p3154 A67-33835				
18 p3108 A67-33831	18 p3155 A67-33836				
18 p3109 A67-33837	18 p3155 A67-33838				
18 p3109 A67-33839	18 p3155 A67-33842				
18 p3109 A67-33840	18 p3155 A67-33845				
18 p3109 A67-33841	18 p3155 A67-33846				
18 p3109 A67-33843	18 p3155 A67-33847				
18 p3110 A67-33844	18 p3156 A67-33848				
18 p3146 A67-33778	18 p3156 A67-33849				
18 p3149 A67-33787	18 p3156 A67-33850				
18 p3149 A67-33796	18 p3156 A67-33851				
18 p3149 A67-33797	18 p3156 A67-33852				
18 p3149 A67-33798					
NGR-39-007-011					
16 p2770 A67-31290	23 p4073 A67-40615				
NGR-39-007-017					
04 p0713 A67-15407	10 p1729 A67-23765				
NGR-39-007-025					
23 p4078 A67-41164					
NGR-39-009-015					
16 p2753 A67-31745	23 p4021 A67-40781				
17 p2852 A67-33239	23 p4021 A67-41075				
20 p3378 A67-37499	24 p4118 A67-42606				
21 p3630 A67-38848					
NGR-39-009-041					
13 p2074 A67-27223	14 p2343 A67-28478				
NGR-39-009-044					
21 p3653 A67-38557					
NGR-39-010-029					
16 p2675 A67-31266	16 p2701 A67-31268				
NGR-39-011-013					
16 p2705 A67-31758					
NGR-39-011-035					
19 p3266 A67-36090					
NGR-40-002-009					
16 p2752 A67-31541					
NGR-40-002-015					
04 p0647 A67-15740	15 p2458 A67-29898				
06 p0974 A67-17931	16 p2651 A67-31680				
07 p1218 A67-20213	19 p3199 A67-34778				
10 p1620 A67-23422	20 p3408 A67-37077				
13 p2146 A67-27095	24 p4178 A67-42652				
14 p2342 A67-28081					
NGR-41-002-003					
23 p4041 A67-41242	23 p4048 A67-41532				
NGR-44-001-031					
01 p0164 A67-11191					
NGR-44-003-018					
14 p2254 A67-28064	23 p3944 A67-41017				
NGR-44-004-001					
19 p3184 A67-35688	21 p3656 A67-37856				
NGR-44-004-026					
10 p1646 A67-23271	17 p2843 A67-32538				
NGR-44-004-042					
17 p2943 A67-32441					
NGR-44-005-002					
10 p1709 A67-23488					
NGR-44-005-020					
10 p1602 A67-22947	24 p4236 A67-42640				
21 p3703 A67-38501					
NGR-44-005-043					
10 p1709 A67-23488					
NGR-44-006-003					
20 p3408 A67-37076					
NGR-44-006-033					
08 p1429 A67-21511	21 p3660 A67-38846				
NGR-44-006-034					
04 p0546 A67-14817	20 p3359 A67-37124				
15 p2416 A67-29408					
NGR-44-006-045					
15 p2416 A67-29409	20 p3357 A67-36953				
16 p2592 A67-30964					
NGR-44-007-006					
03 p0393 A67-13975					
NGR-44-009-008					
03 p0366 A67-14293					
NGR-44-012-043					
15 p2540 A67-29932					
NGR-44-012-048					
21 p3617 A67-38187					
NGR-45-001-011					
07 p1179 A67-19911	12 p2007 A67-25822				
11 p1857 A67-23942	22 p3790 A67-39800				
NGR-46-001-008					
20 p3376 A67-36792					
NGR-47-004-006					
20 p3421 A67-36781					
NGR-47-005-026					
22 p3795 A67-39188					

CONTRACT NUMBER INDEX

NGR-47-005-046							
05 p0849 A67-17276							
NGR-47-006-001							
19 p3275 A67-35110							
NGR-48-001-004							
20 p3370 A67-36796	20 p3370	A67-36797					
NGR-50-002-044							
10 p1658 A67-23784							
NGR-50-002-051							
23 p3945 A67-41087							
NGR-50-022-028							
18 p3072 A67-34394	23 p4023	A67-41048					
NGR-52-046-001							
10 p1675 A67-23396	17 p2876	A67-32045					
15 p2509 A67-29266	19 p3250	A67-35891					
NHI G-HE-08805							
11 p1746 A67-23991							
NIDR-DE-117-02							
06 p1015 A67-17850							
NIH G-1-P01-GM-14940-01							
19 p3179 A67-34955							
NIH G-2-POI-MH-04737-06							
20 p3386 A67-37496							
NIH G-2-POL-MH-04737-06							
11 p1746 A67-23991	11 p1791	A67-24713					
11 p1791 A67-24712							
NIH G-2-POL-MH-04737-51							
11 p1791 A67-24711							
NIH G-5-ROI-DE-01183							
17 p2853 A67-32046							
NIH G-08847-02							
05 p0756 A67-16587							
NIH G-AI-06211							
06 p0952 A67-17873							
NIH G-C-3971							
13 p2065 A67-26732	13 p2065	A67-26733					
NIH G-CA-03611							
11 p1750 A67-24784	20 p3377	A67-37159					
NIH G-EF-00036-03							
13 p2104 A67-26982							
NIH G-FB-00254							
10 p1602 A67-23823							
NIH G-FR-000-16-02							
20 p3373 A67-37584							
NIH G-FR-3							
15 p2420 A67-29896							
NIH G-FR-76							
07 p1135 A67-19866							
NIH G-FR-00254							
05 p0754 A67-16276	15 p2428	A67-29271					
07 p1134 A67-19858	17 p2805	A67-31953					
07 p1135 A67-19863	18 p2992	A67-34715					
NIH G-GM-06553							
11 p1747 A67-24233							
NIH G-GM-11783-02							
05 p0758 A67-16701	12 p1946	A67-25981					
NIH G-GM-12383							
13 p2160 A67-26991							
NIH G-HE-00442							
07 p1135 A67-19866							
NIH G-HE-03558-09							
14 p2259 A67-28425							
NIH G-HE-5244							
07 p1135 A67-19866							
NIH G-HE-09160							
07 p1135 A67-19862							
NIH G-HE-09963							
15 p2428 A67-29275							
NIH G-HTS-5573							
20 p3373 A67-37584							
NIH G-M-4529							
20 p3373 A67-37432							
NIH G-MH-04737-04							
12 p1907 A67-26081	12 p1908	A67-26088					
NIH G-MH-04737-05							
02 p0216 A67-12075	13 p2148	A67-27497					
06 p0954 A67-18533	17 p2806	A67-32044					
12 p1962 A67-26120							
NIH G-MH-04737-06							
02 p0208 A67-12167	08 p1288	A67-20601					
06 p0952 A67-17847	10 p1598	A67-23581					
08 p1286 A67-20367							
NIH G-MH-06361							
08 p1372 A67-21506							
NIH G-MH-08257-01							
19 p3178 A67-35885							
NIH G-MH-11044-01A1							
15 p2427 A67-29134							
NIH G-MHO-8748-01							
11 p1748 A67-25064							
NIH G-NB-01344							
06 p0952 A67-17847	17 p2806	A67-32044					
08 p1286 A67-20367							
NIH G-PH-43-63-36							
07 p1134 A67-19846	07 p1134	A67-19847					
NIH G-PH-43-64-50							
06 p0952 A67-17873							
NIH G-TI-AM-5236-06							
10 p1599 A67-23814							
NIH GM-11783-02							
24 p4119 A67-42665							
NIH GM-14940-01							
24 p4125 A67-42438							
NIH GRS-FR-5414							
22 p3752 A67-39607							
NIH M-4529							
24 p4113 A67-42099							
NIH MG-4947							
24 p4113 A67-42099							
NIH NB-04233							
22 p3752 A67-39607							
NIH NB-05135							
22 p3752 A67-39607							
NIH NB-5456							
22 p3752 A67-39607							
NKR-05-007-065							
07 p1179 A67-19911							
NOAS-59-6019-C							
17 p2801 A67-32007							
NOAS-60-6007-C							
17 p2801 A67-32007							

CONTRACT NUMBER INDEX

NONR-266/78/ 08 p1420 A67-20888 09 p1574 A67-21838	18 p3142 A67-33891	NONR-591/08/ 24 p4145 A67-43083	
NONR-266/79/ 05 p0839 A67-17388		NONR-595/11/ 20 p3461 A67-37289	
NONR-266/84/ 10 p1629 A67-23831 11 p1783 A67-23923	15 p2470 A67-29332 22 p3792 A67-39974	NONR-609/50/ 06 p1087 A67-18464 13 p2152 A67-27484 13 p2205 A67-27479 13 p2205 A67-27481	15 p2557 A67-29876 17 p2948 A67-33039 23 p4062 A67-40624 23 p4063 A67-40898
NONR-266/91/ 06 p1109 A67-18839 10 p1669 A67-23438	16 p2774 A67-31319 21 p3643 A67-38019	NONR-609/51/ 19 p3284 A67-35340	
NONR-285/46/ 01 p0148 A67-10382	06 p0990 A67-18641	NONR-610/06/ 04 p0718 A67-15926 10 p1731 A67-23848 13 p2221 A67-27735	16 p2765 A67-30995 16 p2770 A67-31292 23 p4078 A67-41164
NONR-285/49/ 07 p1226 A67-19499 08 p1355 A67-20865	22 p3839 A67-39204	NONR-656/29/ 06 p1114 A67-18283 12 p2035 A67-26004	19 p3345 A67-35011
NONR-285/62/ 05 p0813 A67-17252		NONR-656/33/ 21 p3609 A67-37734	
NONR-285/63/ 15 p2473 A67-30189		NONR-710/37/ 05 p0851 A67-16381 09 p1548 A67-22360	09 p1548 A67-22361
NONR-373/00/ 24 p4145 A67-42673		NONR-710/45/ 11 p1872 A67-24183	
NONR-401/38/ 07 p1236 A67-20140	17 p2924 A67-33372	NONR-710/57/ 06 p1116 A67-18385	
NONR-401/40/ 24 p4116 A67-42698		NONR-710/58/ 07 p1249 A67-19536	
NONR-401/60/ 21 p3660 A67-37743		NONR-760/27/ 04 p0647 A67-15739	
NONR-410/01/ 18 p3005 A67-33499		NONR-839/3/ 14 p2294 A67-29053	
NONR-447/39/ 16 p2775 A67-31325		NONR-839/17/ 15 p2578 A67-30271	
NONR-474/14/ 14 p2403 A67-29013		NONR-839/38/ 01 p0118 A67-11193 05 p0856 A67-17342 07 p1141 A67-19443 07 p1141 A67-19444 08 p1364 A67-21398 08 p1364 A67-21399 11 p1790 A67-24451 14 p2359 A67-28463	18 p3090 A67-34428 19 p3298 A67-35828 20 p3388 A67-37702 20 p3388 A67-37703 20 p3389 A67-37705 20 p3503 A67-37711 21 p3661 A67-37744 22 p3844 A67-39353
NONR-477/24/ 03 p0413 A67-13931		NONR-839/39/ 10 p1729 A67-23766	10 p1730 A67-23839
NONR-495/29/ 11 p1770 A67-24890		NONR-839/40/ 11 p1876 A67-24660	
NONR-551/40/ 07 p1148 A67-19658		NONR-839/40/ /FBM/ 10 p1717 A67-23127	23 p4074 A67-40630
NONR-562/07/ 02 p0260 A67-12432	02 p0260 A67-12433	NONR-1100/21/ 18 p3108 A67-33830	
NONR-562/20/ 04 p0708 A67-14622 04 p0718 A67-15917	23 p4079 A67-41343	NONR-1134 20 p3373 A67-37584	
NONR-562/34/ 02 p0260 A67-12432		NONR-1141 04 p0593 A67-15487	
NONR-562/35/ 05 p0793 A67-17343 08 p1276 A67-20567	08 p1324 A67-21392 11 p1774 A67-23855	NONR-1147-10 02 p0179 A67-12356	
NONR-562/36/ 21 p3638 A67-39091		NONR-1147/13/ 20 p3528 A67-37469	
NONR-562/37/ 01 p0070 A67-11078	01 p0115 A67-11077	NONR-1202/27/ 02 p0260 A67-12432 02 p0260 A67-12433	03 p0463 A67-14032 14 p2297 A67-28135
NONR-562/39/ 08 p1322 A67-21384 08 p1355 A67-21116 11 p1825 A67-23867	17 p2885 A67-32928 21 p3660 A67-37742	NONR-1202/28/ 04 p0647 A67-15741	17 p2877 A67-32561
NONR-562/40/ 01 p0167 A67-10798 05 p0909 A67-16141 09 p1576 A67-22410	11 p1819 A67-24533 11 p1875 A67-24572 13 p2224 A67-27145		

CONTRACT NUMBER INDEX

NONR-1224/16/ 11 p1861 A67-24486	21 p3710 A67-38995	NONR-1866/48/ 12 p1968 A67-26248	
NONR-1224/19/ 14 p2387 A67-28561	17 p2944 A67-32641	NONR-2121/24/ 08 p1354 A67-21245 12 p1965 A67-25125	16 p2753 A67-31700
NONR-1224/51/ 04 p0650 A67-15304		NONR-2168/03/ 06 p0943 A67-18848	11 p1780 A67-24536
NONR-1224/52/ 22 p3805 A67-40352		NONR-2173/02/ 04 p0699 A67-14965	
NONR-1228/23/ 21 p3587 A67-37955		NONR-2196-SS 06 p0999 A67-19000	
NONR-1228/34/ 02 p0337 A67-11932 07 p1240 A67-19370	10 p1724 A67-23708 14 p2400 A67-28143	NONR-2216 06 p1113 A67-18127	
NONR-1509/03/ 01 p0076 A67-11192	19 p3170 A67-35412	NONR-2216/24/ 16 p2658 A67-30938	18 p3152 A67-33817
NONR-1509/06/ 07 p1244 A67-19926 08 p1378 A67-21471 13 p2190 A67-26312 16 p2740 A67-31626	19 p3312 A67-35187 20 p3432 A67-37401 22 p3872 A67-39811	NONR-2342/00/ 16 p2682 A67-31383	
NONR-1610/08/ 08 p1277 A67-20710		NONR-2512/00/ 02 p0217 A67-12087	
NONR-1623/17/ 06 p0939 A67-18314		NONR-2524/00/ 05 p0857 A67-17426	08 p1328 A67-21463
NONR-1834-03 15 p2577 A67-30193	22 p3914 A67-40193	NONR-2693/00/ 06 p1019 A67-17827	17 p2809 A67-33255
NONR-1834/22/ 21 p3710 A67-38995		NONR-2947-01/X/ 04 p0639 A67-15340	
NONR-1834/32/ 04 p0604 A67-14845		NONR-2967/00/ 10 p1687 A67-22761	10 p1687 A67-22762
NONR-1841/10/ 18 p3105 A67-34629		NONR-3010/01/ 07 p1182 A67-19947 20 p3433 A67-37414	22 p3793 A67-40078
NONR-1841/42/ 05 p0857 A67-17427 08 p1365 A67-21414	15 p2524 A67-29231 17 p2909 A67-33229	NONR-3010-06 23 p3995 A67-40803	
NONR-1841/73/ 07 p1269 A67-20300		NONR-3116/00/ 11 p1788 A67-24699 13 p2109 A67-26327	17 p2853 A67-33253
NONR-1841/89/ 02 p0232 A67-11563 16 p2660 A67-31214	22 p3782 A67-39529	NONR-3161/00/ 05 p0768 A67-17513	
NONR-1841/93/ 08 p1324 A67-21393 12 p1962 A67-26177 17 p2863 A67-33357	19 p3285 A67-35341 22 p3791 A67-39818	NONR-3185/00/ 16 p2631 A67-31853	
NONR-1858/03/ 24 p4224 A67-41818		NONR-3307/00/X/ 01 p0055 A67-11171	
NONR-1858/25/ 14 p2407 A67-28548		NONR-3360/01/ 14 p2356 A67-28201	
NONR-1866/07/ 24 p4137 A67-42821		NONR-3386 05 p0808 A67-17307	
NONR-1866/10/ 04 p0673 A67-14476		NONR-3386/00/ 02 p0245 A67-12223	
NONR-1866/16/ 01 p0028 A67-10450 02 p0208 A67-12173 02 p0227 A67-12172 03 p0465 A67-13267	06 p0977 A67-18525 16 p2685 A67-31055 19 p3206 A67-35941 24 p4137 A67-42821	NONR-3387/00/ 16 p2632 A67-31861	
NONR-1866/32/ 03 p0384 A67-13849 05 p0769 A67-16006 13 p2082 A67-27407	23 p3980 A67-41206 23 p3981 A67-41207 24 p4137 A67-42821	NONR-3398/00/ 12 p1944 A67-25851 18 p3034 A67-33590	23 p3995 A67-40803
NONR-1866/34/ 06 p0985 A67-18135 17 p2876 A67-32557	24 p4178 A67-42692	NONR-3415/00/ 20 p3377 A67-37134	
		NONR-3543/00/ 18 p3109 A67-33840	
		NONR-3570/00/ 05 p0817 A67-16635	
		NONR-3579/04/ 04 p0561 A67-14592	22 p3835 A67-39238

CONTRACT NUMBER INDEX

NONR-3594/00/		NONR-4087/00/		
11	p1872 A67-24182	16	p2604 A67-30568	
NONR-3623/S-2/		NONR-4102/01/		
06	p1040 A67-18130	03	p0375 A67-13665	19 p3186 A67-35619
NONR-3623/S5/		13	p2073 A67-27063	19 p3187 A67-35680
18	p3149 A67-33796	13	p2073 A67-27065	19 p3188 A67-36059
NONR-3623/00/		15	p2442 A67-29169	21 p3588 A67-38183
13	p2098 A67-26946	NONR-4120/00/		
14	p2301 A67-28183	17	p2807 A67-32630	
14	p2301 A67-28184	NONR-4125/00/		
14	p2301 A67-28186	01	p0032 A67-10009	
15	p2434 A67-29884	NONR-4127/00/		
NONR-3654/00/ /X/		23	p3971 A67-40974	
11	p1811 A67-24587	NONR-4130/00/		
NONR-3656/26/		12	p1953 A67-25748	
07	p1251 A67-19912	NONR-4148/00/		
08	p1377 A67-21248	04	p0579 A67-14491	
NONR-3656/31/		NONR-4156/00/		
15	p2509 A67-29404	09	p1441 A67-22497	
NONR-3703/00/		NONR-4181/00/		
21	p3604 A67-38443	06	p0985 A67-18133	
NONR-3718/01/		NONR-4204/00/		
01	p0138 A67-11075	05	p0760 A67-16005	
NONR-3730/00/		NONR-4259/05/		
24	p4163 A67-42677	03	p0408 A67-12843	
NONR-3730-/00/ /FBM/		NONR-4262		
19	p3237 A67-35866	01	p0098 A67-10704	
NONR-3776/00/		NONR-4307/00/		
10	p1620 A67-23423	03	p0405 A67-14031	21 p3609 A67-37735
NONR-3809/00/		11	p1780 A67-24540	
18	p3150 A67-33802	NONR-4434/00/		
NONR-3851/00/		13	p2133 A67-27011	
05	p0844 A67-16003	NONR-4489/00/		
NONR-3858/00/		17	p2861 A67-33182	
08	p1374 A67-20889	NONR-4534/00/		
NONR-3902/00/		06	p0985 A67-18190	
06	p1118 A67-18539	NONR-4756/01/		
11	p1821 A67-23960	22	p3843 A67-39264	
NONR-3908/00/		NONR-4836/00/ /X/		
19	p3247 A67-35788	17	p2963 A67-33017	
NONR-3933/00/		NONR-4837/00/		
23	p4060 A67-41231	04	p0589 A67-15718	
NONR-3944/00/		NONR-4869/00/		
10	p1623 A67-22861	07	p1169 A67-19625	
NONR-3963/03/		NONR-4876/00/		
12	p2040 A67-26229	16	p2604 A67-30568	
13	p2223 A67-26944	NONR-4910/00/		
NONR-3963/05/		05	p0769 A67-17520	
05	p0862 A67-16604	NONR-4926/00-/X/		
10	p1688 A67-22903	09	p1441 A67-22487	
NONR-4010/02/		NONR-4964/1/		
24	p4144 A67-42568	18	p3039 A67-33623	
NONR-4010/03/		NONR-4974-00		
18	p2993 A67-34338	15	p2431 A67-29897	
NONR-4010/05/		NONR-4984/00/		
06	p0985 A67-18133	17	p2805 A67-31957	23 p3968 A67-41618
NONR-4010/14/		NONR-5053/01/		
23	p4014 A67-41023	06	p1116 A67-18380	
NONR-4058/00/FBM/		NONR-21966/00/		
03	p0531 A67-14364	21	p3614 A67-38999	
NONR-4073/00/				
14	p2316 A67-28193	15	p2470 A67-29227	

CONTRACT NUMBER INDEX

NONR-51031				NOW-63-0708-C			
21 p3610 A67-37739				02 p0249 A67-12221			
NONR/G/-00006-66				NOW-64-0433D			
03 p0514 A67-14309	09 p1566 A67-22235			16 p2690 A67-31372			
NONR/G/-00009-66				NOW-64-0551-F			
08 p1326 A67-21363				02 p0245 A67-12218			
NONR/G/-00015-67				NOW-64-0625-D			
22 p3864 A67-40430				20 p3386 A67-37498			
NONR/G/00025-63				NOW-64-0653F			
06 p0973 A67-17770	06 p1079 A67-17763			18 p2989 A67-34265			
06 p0983 A67-17782	06 p1079 A67-17764			NOW-64-0659-C			
06 p0983 A67-17783	06 p1080 A67-17765			01 p0054 A67-11169	07 p1240 A67-19377		
06 p0983 A67-17785	06 p1080 A67-17766			NOW-65-0123-D			
06 p0994 A67-17767	06 p1080 A67-17768			08 p1320 A67-20565			
06 p1022 A67-17773	06 p1080 A67-17769			NOW-65-0222-F			
06 p1022 A67-17776	06 p1080 A67-17771			15 p2548 A67-30200			
06 p1022 A67-17788	06 p1081 A67-17777			NOW-65-0384-D			
06 p1022 A67-17789	06 p1081 A67-17779			18 p3067 A67-34569			
06 p1030 A67-17772	06 p1081 A67-17780			NOW-65-0396-C			
06 p1031 A67-17774	06 p1081 A67-17781			06 p0939 A67-18299	21 p3610 A67-37799		
06 p1031 A67-17775	06 p1081 A67-17786			NOW-65-0397-C			
06 p1031 A67-17778	06 p1081 A67-17787			17 p2825 A67-32513			
06 p1079 A67-17761	06 p1082 A67-17790			NOW-65-0612-C			
06 p1079 A67-17762				03 p0452 A67-13405			
NONR/G/-00036-63				NOW-65-0615-C			
08 p1399 A67-21238	14 p2386 A67-28481			06 p1019 A67-18441			
NONR/G/-00040-65				NOW-66-0213-D			
17 p2964 A67-33141				14 p2328 A67-28876			
NONR/G/-00046-65				NOW-66-0246-F			
07 p1251 A67-19838				11 p1744 A67-24590			
NONR/G/-00051-62				NOW-66-0316-F			
08 p1399 A67-21238	14 p2386 A67-28481			18 p2985 A67-33917			
NORD-16640				NOW-66-0443-D			
15 p2545 A67-30199				16 p2694 A67-31522			
NOSP-64190-C FBM				NOW-66-0533-D			
06 p0963 A67-18258	07 p1141 A67-19441			12 p1988 A67-25910			
NOW-60-0465-D				NOW-66-0547-F			
13 p2141 A67-27186				17 p2833 A67-32491			
NOW-62-0604				NOW-66-0670-C			
21 p3607 A67-37779				06 p1074 A67-18282	23 p4084 A67-41723		
NONW-62-0604-C				NOW-0545-F			
02 p0229 A67-11933	12 p2034 A67-25346			16 p2695 A67-31753			
02 p0232 A67-11935	13 p2222 A67-26844			NOW-0602-C			
03 p0409 A67-12944	17 p2936 A67-32534			10 p1670 A67-23723			
03 p0410 A67-12951	18 p3003 A67-34241			NR-00014-66-C-0295			
04 p0556 A67-15638	18 p3003 A67-34245			22 p3751 A67-39602			
05 p0839 A67-17389	18 p3154 A67-33832			NR-015-401			
06 p0940 A67-18444	20 p3383 A67-36889			18 p3152 A67-33817			
07 p1144 A67-19771	21 p3609 A67-37737			NR-039-079			
07 p1239 A67-19074	21 p3610 A67-37800			01 p0138 A67-11075			
08 p1329 A67-21487	21 p3652 A67-38174			NR-041-152			
08 p1399 A67-21234	21 p3730 A67-39094			08 p1347 A67-20383			
10 p1677 A67-23183	22 p3872 A67-39812			NR-064-478			
11 p1870 A67-24723	22 p3873 A67-39813			16 p2775 A67-31325			
12 p1990 A67-25899	23 p3988 A67-41427			NR-083-180			
NONW-62-0944-C				10 p1651 A67-23428			
17 p2825 A67-32513				NR-098-038			
NONW-63-0143-D				13 p2098 A67-26946	18 p3107 A67-33805		
04 p0642 A67-15452				14 p2407 A67-28548	18 p3149 A67-33796		
NONW-63-0283-F				15 p2434 A67-29884	18 p3149 A67-33797		
04 p0630 A67-15460							
NONW-63-0379							
03 p0383 A67-13827							
NONW-63-0379-DI							
01 p0034 A67-10273							
NONW-63-0515-C							
17 p2825 A67-32513							
NONW-63-0575-D							
05 p0750 A67-17335							

CONTRACT NUMBER INDEX

NR-102-645 23 p3950 A67-41538			NSF C-393 10 p1701 A67-23193	12 p1993 A67-25228
NR-233-52 19 p3191 A67-34845			NSF C-403 03 p0507 A67-14116	
NR-307-252 03 p0413 A67-13931			NSF G-1-55024 18 p3072 A67-34288	
NR-1834-14 21 p3718 A67-38021			NSF G-325-NAT-162 01 p0134 A67-10812	
NRC A-1125 23 p3992 A67-41722			NSF G-480 22 p3792 A67-39975	
NRC A-1225 10 p1625 A67-23137			NSF G-713 02 p0234 A67-12548	
NRC A-3347 10 p1625 A67-23137	23 p3992 A67-41722		NSF G-768 18 p3041 A67-34095	
NRC APB-112 23 p3944 A67-41020			NSF G-947 17 p2851 A67-33206	
NRC G-67-6068 20 p3496 A67-36311			NSF G-2520 01 p0125 A67-10976	
NRC G-1646 06 p0978 A67-18719			NSF G-3935 07 p1188 A67-19954	
NRC G-A-68 01 p0046 A67-11205			NSF G-4069 19 p3327 A67-35664	
NRC G-A-118 06 p1102 A67-18290			NSF G-4079 10 p1674 A67-23387	
NRC G-A-586 11 p1777 A67-24189			NSF G-4430 06 p1020 A67-17988	
NRC G-A-713 13 p2176 A67-26987			NSF G-4708 18 p3041 A67-34095	
NRC G-A-1582 18 p3143 A67-34006			NSF G-4928 06 p1002 A67-17977	
NRC G-A-1690 02 p0203 A67-12168			NSF G-5331 07 p1182 A67-19946	
NRC G-A-1818 02 p0216 A67-12071			NSF G-5540 17 p2851 A67-33206	
NRC G-A-2176 09 p1470 A67-21590			NSF G-8754 17 p2851 A67-33206	
NRC G-A-2600 09 p1489 A67-22412			NSF G-9699 18 p3143 A67-33901	
NRC G-A-2705 21 p3722 A67-38436			NSF G-9783 13 p2099 A67-26950	
NRC G-A-3326 16 p2627 A67-31365	16 p2639 A67-31355		NSF G-10521 18 p3154 A67-33833	
NRC G-A-3344 19 p3295 A67-35517	20 p3496 A67-36311		NSF G-11309 07 p1218 A67-20215	17 p2852 A67-33235
NRC G-A-3347 06 p1102 A67-18290	14 p2293 A67-28141		NSF G-13575 04 p0719 A67-14460	
NRC G-A-3371 02 p0203 A67-12168			NSF G-14199 04 p0726 A67-15679	
NRC G-SRA-4 12 p1998 A67-25828			NSF G-14298 24 p4234 A67-42630	
NRC SH G-D-183-9 19 p3222 A67-35459			NSF G-14567 21 p3700 A67-37766	
NRO-12-109 07 p1226 A67-19499	22 p3839 A67-39204		NSF G-14789 17 p2942 A67-32357	
NRO-46-791 02 p0323 A67-11695	08 p1397 A67-21213		NSF G-14808 13 p2153 A67-27607	
NSF AG-39 18 p3032 A67-33580			NSF G-14905 24 p4224 A67-41818	
NSF C-255 15 p2484 A67-30304			NSF G-14995 16 p2768 A67-31279	16 p2770 A67-31293

CONTRACT NUMBER INDEX

NSF G-15018 10 p1627 A67-23559				NSF GA-147 16 p2627 A67-31407 17 p2843 A67-32536	17 p2852 A67-33244
NSF G-15725 17 p2851 A67-33206				NSF GA-175 04 p0611 A67-14493	
NSF G-17692 16 p2634 A67-31428				NSF GA-214 15 p2477 A67-29627 17 p2851 A67-33197	23 p3995 A67-40802
NSF G-17777 07 p1214 A67-19211				NSF GA-293 16 p2750 A67-31438	
NSF G-17909 16 p2659 A67-30953				NSF GA-307 11 p1865 A67-24606 11 p1868 A67-24873	24 p4234 A67-42625
NSF G-18831 07 p1171 A67-19417	14 p2312 A67-28572			NSF GA-323 15 p2477 A67-29627	
NSF G-18945 18 p3018 A67-34367				NSF GA-399 20 p3426 A67-36301	
NSF G-18983 08 p1364 A67-21401				NSF GA-413 16 p2625 A67-31344	
NSF G-19087 16 p2705 A67-31757				NSF GA-464 16 p2749 A67-31434	22 p3881 A67-39495
NSF G-19688 09 p1491 A67-21553				NSF GA-485 16 p2619 A67-30986	16 p2750 A67-31451
NSF G-19826 11 p1825 A67-25079	16 p2750 A67-31439			NSF GA-505 21 p3616 A67-37998	22 p3789 A67-39477
NSF G-20725 07 p1268 A67-19574				NSF GA-514 15 p2564 A67-30394	
NSF G-20880 18 p3086 A67-33825				NSF GA-523 11 p1788 A67-24700	
NSF G-22292 10 p1676 A67-22817				NSF GA-527 17 p2945 A67-32652	
NSF G-22296 13 p2162 A67-26283	24 p4092 A67-42608			NSF GA-602 11 p1788 A67-24700	
NSF G-22390 08 p1323 A67-21387 21 p3621 A67-38983	21 p3710 A67-39003			NSF GA-630 22 p3796 A67-39259	
NSF G-22557 19 p3210 A67-35611				NSF GA-695 24 p4238 A67-42886	
NSF G-23778 13 p2162 A67-26283				NSF GA-744 17 p2843 A67-32531	
NSF G-23788 07 p1245 A67-19927 10 p1637 A67-23192	22 p3872 A67-39803			NSF GA-767 15 p2500 A67-29911	
NSF G-23922 04 p0713 A67-15407				NSF GA-775 15 p2477 A67-29627	
NSF G-24500 21 p3654 A67-38966				NSF GA-868 19 p3221 A67-35280	
NSF G-24840 16 p2775 A67-31326				NSF GA-918 20 p3518 A67-36998	
NSF G-24903 03 p0514 A67-14310 17 p2951 A67-33187	18 p3033 A67-33586 18 p3036 A67-33602			NSF GA-2721 21 p3616 A67-37998	
NSF G-24904 12 p1948 A67-26226				NSF GB-957 06 p0952 A67-17873	
NSF G-25060 04 p0647 A67-15739				NSF GB-1856 14 p2254 A67-28065	
NSF G-25193 16 p2666 A67-31403	20 p3431 A67-37096			NSF GB-2028 04 p0618 A67-14496	
NSF G-PIVRO-6 07 p1218 A67-20212				NSF GB-2060 04 p0618 A67-14496	
NSF GA-109 13 p2149 A67-26275				NSF GB-2728 24 p4113 A67-42221	
NSF GA-144 17 p2851 A67-33197				NSF GB-2788 10 p1598 A67-23397	

CONTRACT NUMBER INDEX

NSF GB-3816 08 p1287 A67-20983				NSF GK-95 04 p0603 A67-14643			
NSF GB-4117 17 p2853 A67-32046				NSF GK-116 13 p2092 A67-27652			
NSF GB-4150 04 p0561 A67-14592				NSF GK-125 08 p1360 A67-21125 16 p2720 A67-31242 11 p1835 A67-24387 21 p3662 A67-37764			
NSF GD-2252 07 p1180 A67-19929				NSF GK-149 16 p2732 A67-31698			
NSF GE-120 24 p4235 A67-42636				NSF GK-168 04 p0601 A67-14462			
NSF GE-2234 06 p0973 A67-17770 06 p0983 A67-17782 06 p0983 A67-17783 06 p0983 A67-17785 06 p0994 A67-17767 06 p1022 A67-17773 06 p1022 A67-17776 06 p1022 A67-17788 06 p1022 A67-17789 06 p1030 A67-17772 06 p1031 A67-17774 06 p1031 A67-17775 06 p1031 A67-17778 06 p1079 A67-17761 06 p1079 A67-17762	06 p1079 A67-17763 06 p1079 A67-17764 06 p1080 A67-17765 06 p1080 A67-17766 06 p1080 A67-17768 06 p1080 A67-17769 06 p1080 A67-17771 06 p1081 A67-17777 06 p1081 A67-17779 06 p1081 A67-17780 06 p1081 A67-17781 06 p1081 A67-17786 06 p1081 A67-17787 06 p1082 A67-17790			NSF GK-181 16 p2661 A67-31224 16 p2661 A67-31225			
NSF GE-2538 15 p2462 A67-30325				NSF GK-187 02 p0204 A67-12169 10 p1618 A67-22731			
NSF GE-4067 24 p4235 A67-42636				NSF GK-198 13 p2125 A67-26513			
NSF GK-17 21 p3654 A67-39063				NSF GK-220 20 p3545 A67-36714			
NSF GK-21 17 p2965 A67-33155				NSF GK-225 22 p3836 A67-39719			
NSF GK-25 19 p3249 A67-34839				NSF GK-235 22 p3844 A67-39353			
NSF GK-26 08 p1299 A67-20334				NSF GK-237 13 p2078 A67-26783			
NSF GK-29 09 p1515 A67-22430 15 p2496 A67-29178				NSF GK-242 16 p2720 A67-31241			
NSF GK-34 14 p2305 A67-28369				NSF GK-250 24 p4116 A67-42698			
NSF GK-47 11 p1748 A67-23990				NSF GK-261 19 p3200 A67-34849 23 p3984 A67-41159			
NSF GK-59 08 p1331 A67-20867 14 p2241 A67-28167 10 p1681 A67-22864 14 p2242 A67-28174 12 p1925 A67-25902 14 p2293 A67-28166 13 p2101 A67-26964 14 p2294 A67-27794 13 p2104 A67-26984 14 p2356 A67-28202 13 p2118 A67-26298 15 p2579 A67-29566				NSF GK-267 16 p2646 A67-31635			
NSF GK-65 18 p3091 A67-34731				NSF GK-269 02 p0207 A67-12138			
NSF GK-68 05 p0909 A67-16144				NSF GK-270 08 p1310 A67-20336			
NSF GK-72 20 p3423 A67-37242				NSF GK-272 11 p1749 A67-23858			
NSF GK-74 14 p2399 A67-28122				NSF GK-274 08 p1309 A67-20327 16 p2650 A67-31675			
NSF GK-79 11 p1774 A67-23861				NSF GK-286 24 p4248 A67-41948			
NSF GK-91 04 p0594 A67-15876				NSF GK-304 10 p1618 A67-22732 11 p1770 A67-24889			
NSF GK-94 03 p0531 A67-14363				NSF GK-309 04 p0710 A67-14852 17 p2961 A67-32776			
				NSF GK-310 06 p0987 A67-18300 12 p1892 A67-25900			
				NSF GK-326 01 p0052 A67-10793 08 p1319 A67-20350 08 p1319 A67-20351			
				NSF GK-344 23 p4073 A67-40615			
				NSF GK-345 04 p0727 A67-15682 04 p0737 A67-15866			
				NSF GK-355 02 p0259 A67-12154			
				NSF GK-367 24 p4144 A67-42571			

CONTRACT NUMBER INDEX

NSF GK-379	18 p3064	A67-34081				NSF GK-789	23 p3974	A67-41198			
NSF GK-408	16 p2780	A67-31553				NSF GK-804	02 p0259	A67-12154			
NSF GK-456	23 p4043	A67-41355				NSF GK-806	11 p1770	A67-24276			
NSF GK-461	24 p4255	A67-42554				NSF GK-817	11 p1771	A67-24895			
NSF GK-500	06 p1063	A67-18936				NSF GK-818	20 p3556	A67-37316			
NSF GK-527	08 p1308	A67-20323				NSF GK-835	02 p0208	A67-12167	11 p1746	A67-23991	
NSF GK-550	19 p3210	A67-35616					06 p0952	A67-17847	11 p1791	A67-24711	
NSF GK-561	22 p3848	A67-39691					08 p1286	A67-20367	11 p1791	A67-24712	
NSF GK-561-RAND	03 p0484	A67-14039					08 p1288	A67-20601	11 p1791	A67-24713	
NSF GK-569	03 p0391	A67-13266	14 p2292	A67-28707			10 p1598	A67-23581	20 p3386	A67-37496	
	03 p0458	A67-13269	16 p2697	A67-31426		NSF GK-845	11 p1830	A67-24008	15 p2531	A67-29904	
NSF GK-579	20 p3487	A67-36228				NSF GK-848	09 p1510	A67-21568			
NSF GK-580	13 p2099	A67-26950	18 p3082	A67-34028		NSF GK-861	20 p3397	A67-36528			
NSF GK-600	15 p2456	A67-29362	24 p4135	A67-42180		NSF GK-875	01 p0020	A67-10019	22 p3762	A67-40076	
NSF GK-614	03 p0484	A67-14041	09 p1464	A67-22091		NSF GK-882	15 p2531	A67-29905			
	05 p0859	A67-17448				NSF GK-894	14 p2399	A67-28140			
NSF GK-616	09 p1514	A67-22274				NSF GK-910	10 p1725	A67-23714	17 p2963	A67-33042	
NSF GK-620	22 p3909	A67-39293				NSF GK-944	19 p3261	A67-35502			
NSF GK-625	23 p4027	A67-40996				NSF GK-945	01 p0138	A67-11075			
NSF GK-629	06 p0986	A67-18280	08 p1356	A67-20579		NSF GK-967	16 p2651	A67-31680	20 p3408	A67-37077	
NSF GK-643	20 p3496	A67-36312					19 p3199	A67-34778			
NSF GK-655	13 p2098	A67-26946	14 p2301	A67-28183		NSF GK-1041	16 p2647	A67-31650			
NSF GK-676	02 p0213	A67-11616	13 p2076	A67-26514		NSF GK-1052	23 p3983	A67-40647			
NSF GK-696	18 p3070	A67-33497				NSF GK-1071	23 p4036	A67-40705			
NSF GK-706	16 p2650	A67-31671				NSF GK-1075	02 p0204	A67-12171			
NSF GK-710	04 p0563	A67-14798				NSF GK-1115	09 p1548	A67-22383			
NSF GK-714	11 p1761	A67-24282				NSF GK-1116	13 p2054	A67-27657	13 p2186	A67-27646	
NSF GK-716	24 p4136	A67-42189					13 p2056	A67-27639	13 p2186	A67-27651	
NSF GK-737	11 p1775	A67-23866	22 p3841	A67-39718			13 p2057	A67-27640	13 p2186	A67-27654	
	21 p3609	A67-37738					13 p2057	A67-27679	13 p2186	A67-27687	
NSF GK-738	22 p3849	A67-39699					13 p2057	A67-27681	13 p2187	A67-27689	
NSF GK-748	05 p0909	A67-16141					13 p2057	A67-27682	13 p2220	A67-27671	
							13 p2092	A67-27649	13 p2221	A67-27672	
							13 p2092	A67-27650	13 p2225	A67-27634	
							13 p2106	A67-27642	13 p2227	A67-27641	
							13 p2106	A67-27668	13 p2227	A67-27644	
							13 p2106	A67-27669	13 p2227	A67-27645	
							13 p2107	A67-27670	13 p2227	A67-27647	
							13 p2122	A67-27661	13 p2228	A67-27653	
							13 p2122	A67-27683	13 p2228	A67-27656	
							13 p2124	A67-27674	13 p2228	A67-27658	
							13 p2124	A67-27685	13 p2228	A67-27659	
							13 p2142	A67-27673	13 p2228	A67-27662	
							13 p2142	A67-27675	13 p2229	A67-27663	
							13 p2142	A67-27676	13 p2229	A67-27664	
							13 p2142	A67-27677	13 p2229	A67-27665	

CONTRACT NUMBER INDEX

13 p2143 A67-27678	13 p2229 A67-27666	06 p0977 A67-18524	18 p3092 A67-34748
13 p2143 A67-27688	13 p2229 A67-27680	08 p1310 A67-20336	18 p3109 A67-33837
13 p2186 A67-27637	13 p2230 A67-27686	08 p1365 A67-21406	20 p3412 A67-37497
13 p2186 A67-27643		10 p1684 A67-23073	20 p3477 A67-36789
NSF GK-1153		11 p1826 A67-23877	22 p3848 A67-39693
22 p3762 A67-40076		11 p1834 A67-24381	24 p4145 A67-42708
NSF GK-1165		NSF GP-605	
15 p2523 A67-29228	18 p3086 A67-33986	15 p2454 A67-30137	
16 p2719 A67-31231	22 p3864 A67-40345	NSF GP-661	
17 p2803 A67-32365		11 p1774 A67-23861	24 p4144 A67-42585
NSF GK-1225		NSF GP-700	
18 p3068 A67-34580		02 p0342 A67-12028	04 p0709 A67-14814
NSF GK-1234		03 p0405 A67-14026	18 p3153 A67-33828
14 p2398 A67-28097		NSF GP-843	
NSF GK-1244		09 p1515 A67-22430	
16 p2592 A67-30951		NSF GP-866	
NSF GK-1257		07 p1180 A67-19918	15 p2484 A67-30305
22 p3854 A67-39246		12 p1935 A67-25796	
NSF GK-1350		NSF GP-927	
16 p2626 A67-31347	24 p4121 A67-42265	13 p2171 A67-27437	16 p2661 A67-31225
NSF GK-1408		16 p2661 A67-31224	
22 p3763 A67-40308		NSF GP-943	
NSF GM-12932-OSI		06 p1103 A67-18355	21 p3728 A67-38873
20 p3370 A67-36798		NSF GP-947	
NSF GP-3		07 p1180 A67-19932	22 p3791 A67-39806
16 p2697 A67-31422		15 p2482 A67-30289	22 p3791 A67-39807
NSF GP-127		NSF GP-948	
01 p0055 A67-11189		06 p0984 A67-18126	
NSF GP-137		NSF GP-1088	
13 p2229 A67-27680		05 p0759 A67-16838	
NSF GP-139		NSF GP-1115	
11 p1864 A67-24559		23 p4072 A67-40606	23 p4072 A67-40608
NSF GP-169		23 p4072 A67-40607	
10 p1705 A67-22941		NSF GP-1137	
NSF GP-179		06 p1104 A67-18453	23 p4073 A67-40611
10 p1676 A67-22813		NSF GP-1138	
NSF GP-183		17 p2952 A67-33250	
07 p1149 A67-20197		NSF GP-1153	
NSF GP-279		05 p0758 A67-16129	20 p3410 A67-37319
24 p4224 A67-41818		NSF GP-1169	
NSF GP-287		14 p2403 A67-29016	
01 p0053 A67-10801		NSF GP-1191	
NSF GP-293		15 p2477 A67-29627	17 p2851 A67-33197
03 p0352 A67-14010		NSF GP-1218	
NSF GP-358		10 p1712 A67-23807	16 p2751 A67-31455
05 p0759 A67-17540		10 p1712 A67-23808	21 p3700 A67-37766
NSF GP-414		NSF GP-1338	
08 p1323 A67-21386	18 p3091 A67-34731	14 p2388 A67-28833	
NSF GP-488		NSF GP-1343	
10 p1651 A67-23344	16 p2667 A67-31511	22 p3893 A67-40501	
NSF GP-520		NSF GP-1379	
18 p3018 A67-34367		17 p2957 A67-32028	
NSF GP-529		NSF GP-1522	
04 p0609 A67-15818		11 p1868 A67-24873	21 p3609 A67-37738
NSF GP-534		NSF GP-1647	
13 p2099 A67-26950		04 p0570 A67-14871	10 p1618 A67-22731
NSF GP-579		NSF GP-1759	
01 p0142 A67-11412	11 p1844 A67-25075	02 p0239 A67-12534	07 p1218 A67-19052
02 p0275 A67-12556	13 p2101 A67-26965	NSF GP-1819	
03 p0484 A67-14043	15 p2523 A67-29212	10 p1687 A67-22761	21 p3705 A67-38614
03 p0514 A67-14316	15 p2523 A67-29213	10 p1687 A67-22762	
03 p0515 A67-14322	16 p2704 A67-31235	NSF GP-1930	
05 p0809 A67-17446	17 p2944 A67-32638	03 p0505 A67-12958	

CONTRACT NUMBER INDEX

NSF GP-2005				NSF GP-2461			
19 p3210	A67-35614			03 p0414	A67-14090		
NSF GP-2008				NSF GP-2484			
13 p2219	A67-27153			19 p3209	A67-35413		
NSF GP-2017				NSF GP-2495			
09 p1570	A67-22694	24 p4233	A67-42616	02 p0216	A67-12075	12 p1962	A67-26120
11 p1866	A67-24696			06 p0954	A67-18533	13 p2148	A67-27497
NSF GP-2033				11 p1752	A67-24270	17 p2806	A67-32044
21 p3630	A67-38848			12 p1907	A67-26081	22 p3764	A67-39296
NSF GP-2058				12 p1908	A67-26088		
01 p0105	A67-10521			NSF GP-2514			
NSF GP-2067				04 p0713	A67-15405		
13 p2146	A67-27097			NSF GP-2561			
NSF GP-2094				04 p0611	A67-14650	09 p1490	A67-21549
23 p4074	A67-40629			NSF GP-2596			
NSF GP-2097				20 p3480	A67-36286		
03 p0524	A67-13786			NSF GP-2601			
NSF GP-2118				16 p2750	A67-31451		
05 p0792	A67-16724			NSF GP-2629			
NSF GP-2159				13 p2108	A67-26317		
05 p0835	A67-16779			NSF GP-2631			
NSF GP-2201				08 p1360	A67-21128	08 p1363	A67-21305
02 p0232	A67-11634			NSF GP-2693			
NSF GP-2203				24 p4162	A67-42566		
01 p0036	A67-10472	11 p1763	A67-24294	NSF GP-2721			
NSF GP-2226				04 p0618	A67-15668	20 p3426	A67-36285
08 p1323	A67-21386			07 p1180	A67-19932	20 p3426	A67-36291
NSF GP-2228				07 p1183	A67-20016	20 p3426	A67-36294
07 p1172	A67-19541	07 p1182	A67-19953	14 p2313	A67-28575	22 p3791	A67-39806
NSF GP-2237				18 p3035	A67-33597	22 p3791	A67-39807
08 p1311	A67-20345	11 p1771	A67-24897	18 p3035	A67-33598		
NSF GP-2239				NSF GP-2766			
15 p2540	A67-29931			15 p2531	A67-30204		
NSF GP-2252				NSF GP-2838			
04 p0615	A67-14968			16 p2768	A67-31279		
NSF GP-2258				NSF GP-2922			
04 p0728	A67-15802			23 p4024	A67-40973		
NSF GP-2259				NSF GP-2941			
01 p0020	A67-10019	01 p0059	A67-10330	18 p3020	A67-34105		
NSF GP-2350				NSF GP-2942			
14 p2297	A67-28129			02 p0204	A67-12171		
NSF GP-2359				NSF GP-2951			
11 p1796	A67-24178			04 p0715	A67-15586		
NSF GP-2391				NSF GP-2982			
03 p0492	A67-13325			17 p2939	A67-33237		
NSF GP-2393				NSF GP-3017			
11 p1787	A67-24555			08 p1308	A67-20321		
NSF GP-2394				NSF GP-3028			
22 p3829	A67-40471			09 p1475	A67-22199		
NSF GP-2413				NSF GP-3035			
02 p0207	A67-12059			13 p2102	A67-26969		
NSF GP-2414				NSF GP-3064			
04 p0613	A67-14855	18 p3136	A67-34587	04 p0629	A67-15348		
06 p1113	A67-18127	19 p3221	A67-35432	NSF GP-3074			
08 p1402	A67-21464	20 p3450	A67-37103	04 p0709	A67-14844		
11 p1785	A67-23938	20 p3519	A67-37101	NSF GP-3076			
NSF GP-2418				03 p0523	A67-13468	05 p0908	A67-16137
10 p1654	A67-22822			NSF GP-3087			
NSF GP-2439				02 p0330	A67-11927		
14 p2345	A67-28906	17 p2877	A67-32558	NSF GP-3093			
				21 p3700	A67-37732		
				NSF GP-3112			
				02 p0201	A67-12118	14 p2273	A67-28711

CONTRACT NUMBER INDEX

02 p0204 A67-12170	20 p3385 A67-37351	NSF GP-3993	
14 p2273 A67-28708		04 p0645 A67-15082	
NSF GP-3125		NSF GP-4010	
05 p0925 A67-16270		11 p1784 A67-23926	
NSF GP-3131		NSF GP-4052	
11 p1775 A67-23866		12 p1960 A67-25257	
NSF GP-3168		NSF GP-4070	
10 p1651 A67-23346		07 p1268 A67-20277	
NSF GP-3196		NSF GP-4086	
10 p1645 A67-23263		17 p2944 A67-32643	
NSF GP-3210		NSF GP-4213	
06 p1051 A67-18221		07 p1149 A67-20197	
NSF GP-3221		NSF GP-4216	
02 p0270 A67-12637		07 p1213 A67-19158	13 p2146 A67-27097
NSF GP-3364		13 p2106 A67-27455	
06 p1033 A67-18535		NSF GP-4273	
NSF GP-3393		02 p0237 A67-11853	
10 p1705 A67-22941		NSF GP-4289	
NSF GP-3443		06 p1077 A67-17875	
11 p1781 A67-24543		NSF GP-4316	
NSF GP-3465		04 p0645 A67-15082	16 p2697 A67-31330
02 p0258 A67-11555	22 p3915 A67-40220	NSF GP-4321	
NSF GP-3488		09 p1489 A67-22416	19 p3209 A67-35410
11 p1863 A67-24508		16 p2660 A67-31215	
16 p2703 A67-31920	18 p3104 A67-34594	NSF GP-4335	
NSF GP-3584		01 p0018 A67-10105	06 p0954 A67-17568
21 p3654 A67-38575		NSF GP-4339	
NSF GP-3667		07 p1179 A67-19915	
03 p0463 A67-13930		NSF GP-4362	
NSF GP-3688		07 p1218 A67-20213	
11 p1865 A67-24606		NSF GP-4364	
NSF GP-3698		04 p0645 A67-15085	
16 p2734 A67-31537		NSF GP-4435	
NSF GP-3705		10 p1645 A67-23262	
05 p0839 A67-17383		NSF GP-4454	
NSF GP-3752		22 p3851 A67-39984	
06 p0983 A67-17860		NSF GP-4521	
NSF GP-3753		02 p0325 A67-11859	
11 p1825 A67-23867		NSF GP-4575	
NSF GP-3789		12 p1961 A67-26063	
06 p1035 A67-17989	17 p2890 A67-33263	NSF GP-4582	
NSF GP-3798		01 p0105 A67-10522	
07 p1183 A67-20142		NSF GP-4586	
NSF GP-3808		15 p2510 A67-29462	19 p3210 A67-35703
20 p3427 A67-36368		NSF GP-4597	
NSF GP-3817		03 p0460 A67-13825	17 p2967 A67-32040
20 p3475 A67-36456		16 p2661 A67-31420	
NSF GP-3827		NSF GP-4632	
05 p0859 A67-17442		13 p2146 A67-27095	
NSF GP-3877		NSF GP-4636	
10 p1648 A67-23289		16 p2662 A67-31534	
NSF GP-3881		NSF GP-4647	
10 p1676 A67-22817		13 p2108 A67-26317	
NSF GP-3893		NSF GP-4688	
14 p2295 A67-27894		17 p2938 A67-33209	
NSF GP-3935		NSF GP-4709	
17 p2936 A67-32533		14 p2381 A67-28831	22 p3872 A67-39802
NSF GP-3937		NSF GP-4730	
08 p1346 A67-20355		11 p1862 A67-24507	
		NSF GP-4742	
		03 p0509 A67-13165	

CONTRACT NUMBER INDEX

NSF GP-4825 12 p2039 A67-26167				NSF GP-5564 03 p0505 A67-12958				
NSF GP-4923 10 p1688 A67-22766	23 p4013 A67-40965			NSF GP-5574 14 p2342 A67-28156				
NSF GP-4960 01 p0114 A67-10736				NSF GP-5583 07 p1246 A67-19949	22 p3873 A67-39821			
NSF GP-5000 12 p2010 A67-26243	23 p4065 A67-41002			NSF GP-5599 12 p1961 A67-26062				
NSF GP-5023 08 p1346 A67-20355				NSF GP-5611 01 p0056 A67-10111				
NSF GP-5053 17 p2845 A67-32773				NSF GP-5627 15 p2477 A67-29627 17 p2851 A67-33197	23 p3995 A67-40802			
NSF GP-5141 11 p1762 A67-24288				NSF GP-5657 07 p1149 A67-20197				
NSF GP-5191 03 p0511 A67-13649				NSF GP-5691 12 p1960 A67-25257				
NSF GP-5197 02 p0239 A67-12534	07 p1218 A67-19052			NSF GP-5726 11 p1861 A67-24487				
NSF GP-5246 06 p0993 A67-17563				NSF GP-5734 18 p2996 A67-33780 18 p2996 A67-33786 18 p2996 A67-33788 18 p2996 A67-33789 18 p2997 A67-33790 18 p2997 A67-33791 18 p2997 A67-33794 18 p2997 A67-33795 18 p3019 A67-33779 18 p3081 A67-33781 18 p3081 A67-33782 18 p3081 A67-33783 18 p3081 A67-33784 18 p3081 A67-33792 18 p3082 A67-33793 18 p3086 A67-33825 18 p3107 A67-33804 18 p3107 A67-33805 18 p3107 A67-33806 18 p3107 A67-33810 18 p3107 A67-33811 18 p3108 A67-33812 18 p3108 A67-33813 18 p3108 A67-33814 18 p3108 A67-33830 18 p3108 A67-33831 18 p3109 A67-33837 18 p3109 A67-33839 18 p3109 A67-33840 18 p3109 A67-33841 18 p3109 A67-33843 18 p3110 A67-33844 18 p3146 A67-33778 18 p3149 A67-33787 18 p3149 A67-33796 18 p3149 A67-33797 18 p3149 A67-33798	18 p3149 A67-33799 18 p3150 A67-33800 18 p3150 A67-33801 18 p3150 A67-33802 18 p3150 A67-33803 18 p3151 A67-33807 18 p3151 A67-33808 18 p3151 A67-33809 18 p3151 A67-33815 18 p3151 A67-33816 18 p3152 A67-33817 18 p3152 A67-33818 18 p3152 A67-33819 18 p3152 A67-33820 18 p3153 A67-33822 18 p3153 A67-33823 18 p3153 A67-33824 18 p3153 A67-33826 18 p3153 A67-33827 18 p3153 A67-33828 18 p3154 A67-33829 18 p3154 A67-33832 18 p3154 A67-33833 18 p3154 A67-33834 18 p3154 A67-33835 18 p3155 A67-33836 18 p3155 A67-33838 18 p3155 A67-33842 18 p3155 A67-33845 18 p3155 A67-33846 18 p3155 A67-33847 18 p3156 A67-33848 18 p3156 A67-33849 18 p3156 A67-33850 18 p3156 A67-33851 18 p3156 A67-33852			
NSF GP-5255 14 p2383 A67-28047				NSF GP-5791 14 p2389 A67-28845				
NSF GP-5302 15 p2517 A67-29265				NSF GP-5827 23 p4041 A67-41242				
NSF GP-5309 08 p1385 A67-20936 09 p1564 A67-21738	23 p4069 A67-41474 24 p4237 A67-42650			NSF GP-5851 11 p1838 A67-24402 22 p3842 A67-40346	23 p4031 A67-40782			
NSF GP-5321 21 p3682 A67-38386	21 p3682 A67-38387			NSF GP-5882 20 p3478 A67-37574				
NSF GP-5322 23 p3971 A67-40970				NSF GP-5940 05 p0895 A67-16594 07 p1247 A67-19063	08 p1398 A67-21219 17 p2942 A67-32388			
NSF GP-5331 07 p1246 A67-19949				NSF GP-6036 06 p1036 A67-18368				
NSF GP-5347 09 p1562 A67-22683				NSF GP-6064 17 p2877 A67-32560				
NSF GP-5391 11 p1858 A67-23996 11 p1862 A67-24507 12 p2010 A67-26239 12 p2010 A67-26240 16 p2749 A67-31434	19 p3330 A67-36082 20 p3501 A67-37293 22 p3881 A67-39495 23 p4067 A67-41230 24 p4223 A67-41810							
NSF GP-5404 10 p1651 A67-23346								
NSF GP-5451 13 p2149 A67-27736								
NSF GP-5474 06 p0955 A67-17849								
NSF GP-5536 04 p0611 A67-14493								
NSF GP-5540 13 p2108 A67-26317 16 p2666 A67-31403 16 p2666 A67-31410 20 p3426 A67-36285 20 p3431 A67-37096	22 p3789 A67-39470 22 p3789 A67-39477 22 p3791 A67-39806 22 p3791 A67-39807 23 p3995 A67-40814							
NSF GP-5544 20 p3435 A67-37675								
NSF GP-5547 15 p2494 A67-29772								
NSF GP-5553 02 p0258 A67-11556	24 p4180 A67-43091							
NSF GP-5558 17 p2877 A67-32559	19 p3210 A67-35703							

CONTRACT NUMBER INDEX

NSF GP-6114 01 p0107	A67-10967				NSG-10-005-005 22 p3787	A67-40179			
NSF GP-6143 22 p3848	A67-39688	22 p3912	A67-39743		NSG-10-007-008 24 p4113	A67-42656			
NSF GP-6173 18 p3160	A67-34285				NSG-14 04 p0656	A67-15373			
NSF GP-6210 13 p2162	A67-26283				NSG-14-001-006 22 p3854	A67-40347			
NSF GP-6387 08 p1387	A67-20982				NSG-18-59 22 p3909	A67-39291			
NSF GP-6709 17 p2942	A67-32388				NSG-24 15 p2474	A67-29193	19 p3184	A67-35825	
NSF GP-7046 20 p3523	A67-36648				15 p2476	A67-29624	23 p3974	A67-41199	
NSF GP-7374 20 p3536	A67-36429				NSG-24-005-065 08 p1322	A67-21138			
NSF GP-23721 05 p0792	A67-16724				NSG-24-59 05 p0760	A67-16002	15 p2481	A67-30285	
NSF GP-23788 16 p2666	A67-31410				NSG-30-60 13 p2107	A67-26305	20 p3433	A67-37409	
NSF GR-168 03 p0463	A67-13932				NSG-31-60 02 p0232	A67-11563	10 p1628	A67-23830	
NSF GR-568 14 p2303	A67-28325				NSG-33-018-003 22 p3824	A67-39740			
NSF GS-551 20 p3477	A67-36789				NSG-36-008-004 23 p3944	A67-40823			
NSF GS-579 19 p3211	A67-35738				NSG-39-010-001 22 p3919	A67-40349			
NSF GU-154 21 p3676	A67-37817				NSG-43/36-004-001 11 p1866	A67-24774	11 p1866	A67-24775	
NSF GU-976 22 p3843	A67-39262				NSG-47-005-002 23 p3998	A67-40819			
NSF GU-1153 05 p0758	A67-16129	16 p2649	A67-31661		NSG-48 01 p0119	A67-10147	11 p1829	A67-24001	
NSF GU-1169 03 p0382	A67-13667				NSG-54-60 03 p0415	A67-14110	20 p3427	A67-36305	
NSF GU-1393 16 p2720	A67-31241				09 p1464	A67-22441			
NSF GU-1468 05 p0856	A67-17341	16 p2704	A67-31233		NSG-56-50 24 p4233	A67-42619			
NSF GU-1621 20 p3527	A67-37393				NSG-56-60 13 p2210	A67-27601	18 p3134	A67-34497	
NSF GY-379 05 p0769	A67-17519				16 p2677	A67-31429	20 p3524	A67-36654	
NSF IG-66-13 19 p3202	A67-35625				16 p2754	A67-31748	24 p4235	A67-42638	
NSF PIVR-06 16 p2697	A67-31331				NSG-58 24 p4092	A67-42608			
NSG-2-59 04 p0643	A67-14521	11 p1813	A67-24312		NSG-58-60 03 p0512	A67-13923			
NSG-5-59 03 p0484	A67-14038	11 p1821	A67-23962		NSG-64-60 04 p0697	A67-14740			
06 p1038	A67-19046	16 p2661	A67-31222		NSG-69 04 p0702	A67-15588			
06 p1038	A67-19047	22 p3850	A67-39717		NSG-69-60 24 p4224	A67-41818			
NSG-6-44 11 p1745	A67-24437	15 p2536	A67-29649		NSG-70 20 p3369	A67-36791	21 p3573	A67-37729	
NSG-6-59 02 p0190	A67-12234	13 p2131	A67-26574		NSG-70-60 06 p0952	A67-17872			
05 p0758	A67-16129	13 p2141	A67-27181		NSG-71-60 11 p1858	A67-24065			
09 p1518	A67-22020	16 p2689	A67-31370		NSG-74-60 01 p0090	A67-10827	20 p3460	A67-36860	
11 p1746	A67-24914	22 p3860	A67-39903						

CONTRACT NUMBER INDEX

NSG-78-60					NSG-120				
11 p1786	A67-24116				17 p2853	A67-32046			
NSG-79-24					NSG-127-61				
19 p3177	A67-34913				05 p0805	A67-16463	08 p1411	A67-20946	
NSG-81-60					NSG-129				
06 p0956	A67-18576	15 p2433	A67-29116		01 p0020	A67-10014			
12 p1946	A67-25981				NSG-129-61				
NSG-82-60					23 p3974	A67-41200			
03 p0537	A67-14314				NSG-133-05				
NSG-84-60					11 p1869	A67-24337			
19 p3229	A67-35170	19 p3229	A67-35210		NSG-133-61				
NSG-87-60					07 p1146	A67-19991	16 p2745	A67-30741	
01 p0055	A67-10037	10 p1636	A67-23179		07 p1252	A67-19958	19 p3328	A67-35959	
01 p0056	A67-10038	10 p1639	A67-23208		11 p1869	A67-24337	19 p3328	A67-35962	
01 p0056	A67-10039	11 p1783	A67-23922		13 p2207	A67-27518	22 p3886	A67-40107	
04 p0615	A67-14967	18 p3003	A67-34236		13 p2210	A67-27543	24 p4135	A67-42179	
05 p0797	A67-16572	18 p3041	A67-34250		NSG-134-61				
05 p0889	A67-16296	18 p3041	A67-34253		10 p1639	A67-23206	19 p3218	A67-35213	
08 p1353	A67-20373	18 p3128	A67-34303		10 p1645	A67-23260	22 p3794	A67-40474	
10 p1606	A67-23182	19 p3215	A67-35178		10 p1648	A67-23287	22 p3799	A67-39816	
10 p1636	A67-23178	19 p3218	A67-35225		NSG-142-61				
NSG-89-60					18 p3047	A67-33883	23 p4063	A67-40800	
11 p1862	A67-24502				NSG-144-61				
NSG-90-60					08 p1377	A67-21467	22 p3872	A67-39802	
04 p0635	A67-14511				14 p2381	A67-28831			
NSG-91					NSG-147-61				
20 p3509	A67-36508	23 p4038	A67-40774		06 p1019	A67-17827	17 p2809	A67-33255	
NSG-91-05					06 p1020	A67-17869			
15 p2520	A67-29768	16 p2734	A67-31881		NSG-152-61				
NSG-96-60					02 p0183	A67-12117			
03 p0515	A67-14321	16 p2739	A67-31234		NSG-155-61				
05 p0858	A67-17429	20 p3528	A67-37472		10 p1708	A67-23239	19 p3177	A67-35184	
09 p1546	A67-22229	22 p3874	A67-40079		15 p2424	A67-29097	19 p3178	A67-35223	
09 p1546	A67-22230	24 p4223	A67-41812		NSG-156				
14 p2310	A67-28046	24 p4223	A67-41813		20 p3373	A67-37584			
14 p2388	A67-28832	24 p4224	A67-41814		NSG-156-61				
NSG-99-60					11 p1746	A67-23989	23 p3945	A67-41080	
01 p0142	A67-11412				NSG-161-61				
NSG-100					02 p0319	A67-11456	05 p0896	A67-16718	
04 p0641	A67-14528	20 p3474	A67-37398		04 p0696	A67-14736	09 p1565	A67-22016	
06 p1015	A67-17850	21 p3683	A67-38406		05 p0896	A67-16717	11 p1860	A67-24461	
20 p3473	A67-36914	22 p3824	A67-39740		NSG-167-61				
NSG-100-33-018-003					06 p1077	A67-17875			
04 p0566	A67-15201	09 p1556	A67-22135		NSG-172-60				
NSG-100-60					16 p2773	A67-31311	16 p2773	A67-31312	
01 p0103	A67-10295	17 p2913	A67-32373		NSG-173				
11 p1811	A67-24642								

CONTRACT NUMBER INDEX

NSG-193/21-001-001

03 p0418 A67-14357

NSG-201-62

04 p0618 A67-15668 18 p3035 A67-33597
07 p1183 A67-20016 18 p3035 A67-33598
08 p1327 A67-21373 20 p3426 A67-36285
08 p1377 A67-21360 20 p3426 A67-36294
16 p2666 A67-31412 21 p3616 A67-37998
16 p2739 A67-31415 23 p3995 A67-40814

NSG-210-62

20 p3426 A67-36291

NSG-211-62

21 p3704 A67-38502

NSG-213-61

04 p0570 A67-14877

NSG-216

03 p0414 A67-13933 18 p3131 A67-34325
10 p1652 A67-23547

NSG-216-62

04 p0698 A67-14854 14 p2314 A67-28887
05 p0796 A67-16152 15 p2477 A67-29763
08 p1325 A67-20937 18 p3136 A67-34587

NSG-220-62

01 p0118 A67-10915 13 p2107 A67-26301
02 p0307 A67-11691 13 p2162 A67-26281
06 p1042 A67-18572 18 p3092 A67-34745
11 p1839 A67-24546

NSG-224

15 p2556 A67-29870

NSG-228

08 p1290 A67-21254

NSG-228-62

06 p1050 A67-18146 06 p1068 A67-18969

NSG-231

04 p0560 A67-14407

NSG-233-62

03 p0410 A67-12953 13 p2190 A67-26312
04 p0618 A67-15668 13 p2193 A67-27250
07 p1244 A67-19926 16 p2740 A67-31626
08 p1361 A67-21136 18 p3092 A67-34747
08 p1377 A67-21360 20 p3432 A67-37401
08 p1378 A67-21471 22 p3872 A67-39810
10 p1651 A67-23395 22 p3872 A67-39811
11 p1844 A67-25062

NSG-234-61

09 p1482 A67-22698 22 p3795 A67-39159

NSG-235

08 p1431 A67-21287

NSG-237

03 p0492 A67-13325 03 p0510 A67-13592

NSG-237-12

01 p0015 A67-10412

NSG-237-62

08 p1385 A67-20936 16 p2611 A67-30770
09 p1470 A67-22669 16 p2677 A67-31430
09 p1564 A67-21738 17 p2960 A67-32421
13 p2099 A67-26950 18 p3136 A67-34587
13 p2102 A67-26969 20 p3527 A67-37393
14 p2256 A67-28662 21 p3728 A67-38890
14 p2393 A67-28053 22 p3751 A67-39602
15 p2429 A67-29294 23 p4000 A67-41221

NSG-239

11 p1749 A67-23976

NSG-239-62

05 p0843 A67-16546 08 p1417 A67-20551

NSG-240-62

01 p0034 A67-10296 02 p0229 A67-12069
02 p0213 A67-11615 14 p2282 A67-28035

NSG-242-62

20 p3555 A67-37609

NSG-243

04 p0662 A67-15768 09 p1491 A67-22022
08 p1329 A67-21486 23 p4029 A67-40958

NSG-243-62

07 p1251 A67-19912 14 p2386 A67-28481
08 p1377 A67-21248 17 p2953 A67-33400
08 p1399 A67-21238 23 p4065 A67-41004
11 p1863 A67-24548

NSG-246/22-004-002

08 p1385 A67-20932

NSG-249

19 p3314 A67-35452 19 p3324 A67-35451

NSG-254-67

19 p3336 A67-35994

NSG-257

10 p1602 A67-22947 21 p3703 A67-38501
10 p1709 A67-23488 24 p4236 A67-42640

NSG-257-62

03 p0363 A67-13594

NSG-259-62

15 p2426 A67-29110

NSG-269

04 p0614 A67-14954 19 p3184 A67-35688
17 p2909 A67-33228 21 p3656 A67-37856
18 p3123 A67-34152 23 p4065 A67-41004

NSG-269-62

01 p0060 A67-10502 07 p1245 A67-19931
02 p0237 A67-11790 09 p1525 A67-22625
03 p0410 A67-12960 11 p1751 A67-23970
03 p0411 A67-12961 12 p1962 A67-26178
03 p0473 A67-13523 12 p1998 A67-25819
05 p0847 A67-16970 20 p3435 A67-37675
07 p1218 A67-20281

NSG-269-82

03 p0507 A67-13917

NSG-270

06 p1104 A67-18497

NSG-270-63

23 p4072 A67-40610

NSG-275

13 p2161 A67-27182

NSG-275/50-002-001

08 p1357 A67-20593 08 p1359 A67-20980

NSG-275-62

01 p0019 A67-10884 13 p2160 A67-26540
01 p0118 A67-10886 14 p2259 A67-28298
02 p0270 A67-12722 14 p2371 A67-28728
02 p0271 A67-12723 15 p2520 A67-30158
02 p0276 A67-12557 15 p2520 A67-30159
03 p0473 A67-13522 16 p2705 A67-31759
05 p0848 A67-16839 18 p3082 A67-34026
06 p0955 A67-17831 18 p3083 A67-34517
06 p1034 A67-17826 18 p3084 A67-34523
06 p1038 A67-19045 19 p3266 A67-35881
07 p1137 A67-20186 20 p3479 A67-37600
07 p1138 A67-20189 20 p3483 A67-36230
07 p1268 A67-19574 21 p3658 A67-37814
09 p1535 A67-22028 21 p3659 A67-38005
10 p1674 A67-23377 22 p3756 A67-39385
10 p1682 A67-23349 22 p3757 A67-39635
10 p1682 A67-23378 22 p3757 A67-39636
10 p1682 A67-23379 22 p3757 A67-39637
10 p1682 A67-23383 22 p3840 A67-39387
11 p1750 A67-24991 23 p4029 A67-40959
11 p1813 A67-24787 23 p4029 A67-40971
11 p1824 A67-24632 23 p4030 A67-40977
11 p1824 A67-24993 24 p4191 A67-42666
11 p1824 A67-24996 24 p4194 A67-43115

NSG-275-62/4180/

03 p0474 A67-14333

CONTRACT NUMBER INDEX

NSG-281					NSG-322				
20 p3452 A67-37566					14 p2391 A67-28950			18 p3134 A67-34494	
					16 p2667 A67-31452			20 p3490 A67-37553	
					17 p2942 A67-32357				
NSG-281-62					NSG-322-05				
11 p1856 A67-24504		17 p2936 A67-32532			03 p0414 A67-14089				
15 p2475 A67-29615		22 p3872 A67-39809							
					NSG-324				
NSG-282-63					06 p0953 A67-18774			13 p2059 A67-26867	
03 p0510 A67-13592		07 p1256 A67-20013			11 p1746 A67-23919			13 p2065 A67-26869	
07 p1255 A67-20012		24 p4235 A67-42635			11 p1747 A67-24786			14 p2259 A67-28300	
NSG-283					NSG-328				
11 p1839 A67-24551					03 p0500 A67-14332				
NSG-283-62					NSG-330				
09 p1535 A67-22381					04 p0661 A67-15462			05 p0844 A67-16379	
					05 p0818 A67-16648				
NSG-290									
05 p0870 A67-17194					NSG-330/22-009-012				
					07 p1224 A67-19841			11 p1802 A67-24830	
NSG-294-63					09 p1535 A67-22136			13 p2127 A67-27080	
16 p2693 A67-31873									
					NSG-331				
NSG-295					14 p2370 A67-28714			19 p3192 A67-35015	
23 p3999 A67-41088					17 p2926 A67-33382				
NSG-295-62					NSG-331-05				
23 p3944 A67-40823					17 p2863 A67-33300				
NSG-298					NSG-334				
01 p0059 A67-10330		19 p3227 A67-34798			11 p1752 A67-24270			22 p3764 A67-39296	
16 p2775 A67-31423					20 p3384 A67-37349				
NSG-299-63					NSG-335				
13 p2164 A67-26294		23 p4031 A67-40886			02 p0212 A67-11605				
NSG-300					NSG-337				
14 p2256 A67-28588		14 p2260 A67-28477			08 p1290 A67-21187			10 p1603 A67-23385	
NSG-301-15					NSG-338				
11 p1822 A67-24417					23 p4032 A67-40897				
NSG-302-63					NSG-341				
04 p0704 A67-14829					08 p1289 A67-21174			10 p1710 A67-23628	
NSG-304-63					NSG-342				
05 p0802 A67-17382		13 p2108 A67-26314			07 p1269 A67-19470			10 p1735 A67-23629	
08 p1328 A67-21478		14 p2346 A67-28058			08 p1430 A67-20970			13 p2232 A67-27551	
10 p1643 A67-23250									
					NSG-343				
NSG-305					06 p1019 A67-17851			19 p3250 A67-35615	
15 p2513 A67-30059		17 p2880 A67-32550							
					NSG-349				
NSG-306-63					15 p2433 A67-29879				
21 p3689 A67-38692									
					NSG-351				
NSG-309					06 p0977 A67-18531			19 p3254 A67-34780</	

CONTRACT NUMBER INDEX

05 p0892 A67-16412					
08 p1398 A67-21231					
08 p1400 A67-21251					
09 p1567 A67-22242					
09 p1567 A67-22243					
11 p1862 A67-24507					
12 p2011 A67-26252					
13 p2161 A67-27733					
NSG-358					
06 p0973 A67-17770					
06 p0983 A67-17782					
06 p0983 A67-17783					
06 p0983 A67-17784					
06 p0983 A67-17785					
06 p0994 A67-17767					
06 p1022 A67-17773					
06 p1022 A67-17776					
06 p1022 A67-17788					
06 p1022 A67-17789					
06 p1030 A67-17772					
06 p1031 A67-17774					
06 p1031 A67-17775					
06 p1031 A67-17778					
06 p1079 A67-17761					
NSG-359					
11 p1839 A67-24551					
NSG-360					
06 p1035 A67-17830					
15 p2519 A67-29330					
NSG-361					
16 p2728 A67-31057					
19 p3302 A67-35035					
22 p3840 A67-39434					
NSG-363					
03 p0485 A67-14053					
06 p1074 A67-18335					
06 p1075 A67-18866					
NSG-366					
11 p1865 A67-24602					
14 p2390 A67-28890					
19 p3317 A67-34912					
20 p3526 A67-37172					
20 p3526 A67-37173					
NSG-367					
14 p2301 A67-28187					
NSG-368					
03 p0483 A67-14036					
05 p0856 A67-17414					
11 p1825 A67-23862					
NSG-372					
08 p1354 A67-21497					
NSG-374					
18 p2991 A67-34530					
NSG-375					
11 p1750 A67-24784					
NSG-376					
08 p1333 A67-21494					
NSG-377					
06 p1087 A67-18454					
NSG-377-05					
15 p2555 A67-29611					
NSG-378					
24 p4189 A67-42740					
NSG-381					
01 p0048 A67-11223					
01 p0116 A67-10203					
02 p0193 A67-11781					
03 p0351 A67-13000					
NSG-382					
04 p0615 A67-14968					
07 p1179 A67-19849					
07 p1251 A67-19848					
14 p2390 A67-28851					
15 p2551 A67-30224					
17 p2937 A67-32639					
17 p2944 A67-32635					
20 p3527 A67-37392					
24 p4223 A67-41811					
24 p4225 A67-41830					
06 p1079 A67-17762					
06 p1079 A67-17763					
06 p1079 A67-17764					
06 p1080 A67-17765					
06 p1080 A67-17766					
06 p1080 A67-17768					
06 p1080 A67-17769					
06 p1080 A67-17771					
06 p1081 A67-17777					
06 p1081 A67-17779					
06 p1081 A67-17780					
06 p1081 A67-17781					
06 p1081 A67-17786					
06 p1081 A67-17787					
06 p1082 A67-17790					
20 p3492 A67-37691					
22 p3840 A67-39435					
22 p3863 A67-40003					
12 p1975 A67-25892					
15 p2522 A67-29207					
21 p3704 A67-38502					
21 p3704 A67-38503					
21 p3704 A67-38505					
24 p4234 A67-42630					
18 p3029 A67-34735					
18 p3029 A67-34736					
05 p0892 A67-16411					
06 p1035 A67-17828					
12 p1968 A67-26246					
11 p1805 A67-24360					
02 p0237 A67-11852					
03 p0511 A67-13796					
12 p2009 A67-25972					
14 p2389 A67-28845					
19 p3330 A67-36073					
04 p0725 A67-15433					
07 p1269 A67-19467					
08 p1326 A67-21359					
08 p1327 A67-21366					
08 p1399 A67-21240					
10 p1644 A67-23258					
11 p1855 A67-23929					
11 p1865 A67-24607					
NSG-385					
23 p4073 A67-40611					
NSG-386					
02 p0308 A67-11771					
02 p0324 A67-11772					
NSG-387					
04 p0693 A67-14963					
07 p1180 A67-19929					
NSG-394					
21 p3661 A67-37745					
NSG-395					
11 p1761 A67-24284					
11 p1769 A67-25030					
11 p1820 A67-24919					
12 p1904 A67-25216					
12 p1915 A67-25943					
NSG-398					
02 p0269 A67-11862					
03 p0375 A67-13560					
03 p0460 A67-13881					
06 p1038 A67-19046					
07 p1138 A67-20191					
07 p1218 A67-20212					
09 p1468 A67-22046					
10 p1650 A67-23338					
11 p1781 A67-24543					
NSG-399					
05 p0886 A67-16024					
14 p2386 A67-28476					
23 p4069 A67-41448					
23 p4069 A67-41449					
NSG-401					
05 p0921 A67-16826					
NSG-405					
05 p0873 A67-17224					
NSG-406					
08 p1328 A67-21480					
NSG-407					
17 p2944 A67-32643					
NSG-408					
10 p1598 A67-23392					
NSG-409					
01 p0126 A67-11442					
NSG-410					
16 p2771 A67-31296					
NSG-412					
14 p2348 A67-28080					
NSG-414					
05 p0892 A67-16411					
06 p1035 A67-17828					
12 p1968 A67-26246					
13 p2160 A67-26442					
20 p3488 A67-36665					
19 p3193 A67-35314					
20 p3523 A67-36648					
21 p3704 A67-38567					
22 p3806 A67-40359					
22 p3806 A67-40360					

CONTRACT NUMBER INDEX

NSG-426									
07 p1179	A67-19911	12 p2010	A67-26241	02 p0208	A67-12167	12 p1908	A67-26088		
09 p1566	A67-22224	14 p2392	A67-28996	02 p0216	A67-12075	12 p1962	A67-26120		
09 p1567	A67-22239	17 p2944	A67-32636	02 p0232	A67-11563	13 p2073	A67-27063		
11 p1855	A67-23932	22 p3790	A67-39800	02 p0275	A67-12553	13 p2073	A67-27065		
11 p1857	A67-23942	24 p4224	A67-41822	03 p0375	A67-13665	13 p2100	A67-26957		
12 p2007	A67-25822			03 p0391	A67-13266	13 p2148	A67-27497		
NSG-427				03 p0486	A67-14056	15 p2471	A67-29655		
20 p3473	A67-36779	20 p3538	A67-36778	06 p0952	A67-17847	16 p2753	A67-31699		
NSG-430				06 p0954	A67-18533	17 p2806	A67-32044		
13 p2160	A67-26991			06 p1098	A67-18523	17 p2888	A67-32390		
NSG-432				08 p1286	A67-20367	17 p2921	A67-33050		
14 p2388	A67-28834			08 p1288	A67-20601	19 p3179	A67-34955		
NSG-436				08 p1324	A67-21495	19 p3186	A67-35619		
05 p0809	A67-17392	11 p1821	A67-23977	08 p1379	A67-20353	19 p3188	A67-36059		
09 p1531	A67-21639	18 p3104	A67-34594	08 p1387	A67-20982	19 p3201	A67-34965		
11 p1819	A67-24597	23 p4066	A67-41014	09 p1566	A67-22225	20 p3372	A67-37026		
NSG-437				09 p1566	A67-22226	20 p3386	A67-37496		
20 p3373	A67-37432	24 p4113	A67-42099	10 p1598	A67-23581	21 p3715	A67-39153		
NSG-438				10 p1628	A67-23830	22 p3764	A67-39296		
12 p1968	A67-26248	18 p3082	A67-33878	11 p1746	A67-23991	22 p3782	A67-39529		
12 p2001	A67-25225			11 p1752	A67-24270	24 p4113	A67-42221		
NSG-439				11 p1791	A67-24711				
03 p0510	A67-13334			NSG-496-22					
NSG-440				20 p3373	A67-37525				
07 p1135	A67-19863			NSG-496/22-009-019					
NSG-442				08 p1287	A67-20483	08 p1290	A67-20482		
03 p0394	A67-12949			NSG-498					
NSG-444				15 p2442	A67-29169				
22 p3767	A67-39274			NSG-502					
NSG-445				08 p1288	A67-20602	15 p2425	A67-29104		
17 p2952	A67-33362			NSG-505					
NSG-448				13 p2062	A67-26921	17 p2821	A67-32865		
02 p0211	A67-11596			15 p2425	A67-29104				
NSG-454				NSG-505-05					
02 p0342	A67-11939			13 p2062	A67-26919				
NSG-455				NSG-511					
23 p3998	A67-40819			07 p1171	A67-19415	15 p2476	A67-29623		
NSG-456				12 p1935	A67-25798				
02 p0189	A67-12633	23 p3950	A67-41549	NSG-512					
NSG-458				05 p0848	A67-16836	09 p1535	A67-22380		
08 p1330	A67-20376			NSG-513					
NSG-467				10 p1601	A67-23627				
08 p1328	A67-21477	14 p2311	A67-28408	NSG-517					
10 p1643	A67-23249	17 p2910	A67-33350	11 p1747	A67-24785	14 p2255	A67-28480		
13 p2107	A67-26309	20 p3429	A67-36896	NSG-518					
NSG-469				04 p0565	A67-14524	17 p2887	A67-32353		
02 p0337	A67-11931			07 p1224	A67-19504	20 p3377	A67-37139		
NSG-472				08 p1309	A67-20327	24 p4118	A67-41926		
06 p0962	A67-18075			10 p1675	A67-23792				
NSG-479				NSG-525					
14 p2260	A67-28479	20 p3370	A67-36799	08 p1327	A67-21364				
20 p3370	A67-36795	24 p4113	A67-42653	NSG-538					
20 p3370	A67-36798			07 p1180	A67-19924	20 p3434	A67-37425		
NSG-484				07 p1182	A67-19953				
01 p0018	A67-10763	13 p2133	A67-27007	NSG-540					
06 p1053	A67-18755	19 p3304	A67-35047	21 p3700	A67-37732				
13 p2133	A67-27006			NSG-541					
NSG-490				08 p1289	A67-21173	10 p1710	A67-23628		
11 p1771	A67-24897	16 p2647	A67-31648	08 p1289	A67-21174				
NSG-496				NSG-542					
01 p0046	A67-11208	11 p1791	A67-24712	02 p0226	A67-12156	22 p3787	A67-40135		
01 p0047	A67-11213	11 p1791	A67-24713	05 p0768	A67-17518	22 p3787	A67-40179		
01 p0047	A67-11215	11 p1817	A67-25063	17 p2886	A67-33261	22 p3832	A67-40146		
01 p0047	A67-11220	11 p1858	A67-23996	20 p3499	A67-36959	22 p3835	A67-39301		
01 p0047	A67-11221	12 p1907	A67-26081	21 p3672	A67-38721	24 p4173	A67-42345		
				21 p3710	A67-38997				
				NSG-542-10					
				01 p0146	A67-10294	05 p0848	A67-16835		
				03 p0373	A67-14245	06 p1038	A67-19044		
				05 p0848	A67-16834	15 p2533	A67-30383		

CONTRACT NUMBER INDEX

NSG-544				
03	p0460	A67-13819	13	p2145 A67-26492
10	p1675	A67-23630		
NSG-545				
11	p1812	A67-23966	13	p2146 A67-26851
NSG-547				
10	p1592	A67-23143	21	p3673 A67-38753
15	p2422	A67-29443	24	p4199 A67-42920
NSG-551				
19	p3202	A67-35756		
NSG-552				
13	p2161	A67-27289		
NSG-553				
06	p0965	A67-17947		
NSG-555				
03	p0495	A67-13514	21	p3682 A67-38388
06	p1061	A67-18926		
NSG-558				
19	p3329	A67-35979		
NSG-559				
05	p0921	A67-16885	23	p4080 A67-41664
NSG-565				
10	p1620	A67-23426	17	p2829 A67-32431
NSG-567				
03	p0471	A67-13225	19	p3178 A67-35885
06	p1001	A67-17852		
NSG-568				
21	p3654	A67-38966		
NSG-572				
09	p1464	A67-22448	11	p1820 A67-24909
NSG-573				
07	p1237	A67-20179		
NSG-573-08				
06	p1050	A67-18142		
NSG-574				
19	p3250	A67-34842		
NSG-577				
16	p2610	A67-30753	22	p3755 A67-40087
NSG-579				
02	p0212	A67-11605	15	p2521 A67-29185
09	p1481	A67-22446	16	p2639 A67-31360
11	p1761	A67-24283	19	p3194 A67-35515
13	p2082	A67-27407		
NSG-581				
08	p1326	A67-21267	15	p2457 A67-29370
11	p1772	A67-24898		
NSG-582				
07	p1257	A67-19359	16	p2744 A67-30729
NSG-586				
05	p0859	A67-17442	22	p3917 A67-39714
08	p1323	A67-21388		
NSG-587				
04	p0630	A67-15356	24	p4161 A67-42466
10	p1659	A67-22706		
NSG-588				
20	p3510	A67-36961		
NSG-589				
15	p2534	A67-29324		
NSG-592				
10	p1592	A67-23118	24	p4093 A67-42922
NSG-593				
13	p2200	A67-27236		

NSG-594-31-02-002				
10 p1599	A67-23814			
NSG-595				
07 p1135	A67-19866			
NSG-596				
03 p0486	A67-14054	19	p3288	A67-35361
05 p0859	A67-17441			
NSG-599				
20 p3433	A67-37420	20	p3489	A67-37417
20 p3434	A67-37421	20	p3489	A67-37418
20 p3489	A67-37416	20	p3489	A67-37419
NSG-603				
01 p0131	A67-10297	23	p3971	A67-40747
NSG-605				
04 p0709	A67-14834	15	p2519	A67-30194
05 p0921	A67-16882	17	p2959	A67-32414
06 p1110	A67-18860	17	p2959	A67-32420
14 p2398	A67-28094	20	p3538	A67-36674
NSG-606				
13 p2061	A67-26490	14	p2254	A67-28034
13 p2061	A67-26491			
NSG-609				
10 p1603	A67-23398	20	p3548	A67-36731
NSG-612				
13 p2107	A67-26308			
NSG-614				
04 p0693	A67-14973			
NSG-615				
10 p1705	A67-22941	11	p1762	A67-24288
NSG-616				
02 p0269	A67-12449			
NSG-622				
04 p0707	A67-14403	16	p2688	A67-31304
11 p1804	A67-24107			
NSG-624				
07 p1180	A67-19924	12	p1936	A67-25805
07 p1180	A67-19925	12	p1937	A67-25812
07 p1182	A67-19953	19	p3222	A67-35453
NSG-628				
02 p0324	A67-11770	18	p3082	A67-33877
03 p0472	A67-13324	21	p3658	A67-38845
10 p1678	A67-22718	23	p4029	A67-40955
17 p2866	A67-33360	23	p4029	A67-40956
NSG-630				
17 p2960	A67-32454			
NSG-632				
23 p4025	A67-41747			
NSG-633				
06 p0992	A67-18851	15	p2486	A67-29410
NSG-634				
14 p2403	A67-29005			
NSG-636				
08 p1332	A67-21172			
NSG-642				
04 p0659	A67-14478			
NSG-644				
05 p0759	A67-16838			
NSG-646				
05 p0769	A67-17519	18	p3006	A67-34066
13 p2073	A67-27061			
NSG-649				
12 p1967	A67-25846			
NSG-653				
02 p0296	A67-11819			

CONTRACT NUMBER INDEX

NSG-657					
04 p0739	A67-15948	12 p1962	A67-26192		
05 p0785	A67-17536	13 p2092	A67-26277		
07 p1238	A67-20218	13 p2101	A67-26962		
08 p1324	A67-21409	15 p2473	A67-30214		
08 p1355	A67-21117	17 p2960	A67-32422		
11 p1822	A67-23979	18 p3027	A67-34009		
11 p1822	A67-23980	20 p3468	A67-37176		
12 p1946	A67-25985	22 p3758	A67-39638		
NSG-659					
06 p0991	A67-18777	17 p2887	A67-32280		
NSG-660					
14 p2357	A67-28208				
NSG-663					
11 p1821	A67-24992	23 p4043	A67-41355		
NSG-665					
24 p4145	A67-42708				
NSG-670					
04 p0660	A67-14758	21 p3702	A67-38128		
NSG-671					
19 p3210	A67-35614				
NSG-673					
13 p2109	A67-26328				
NSG-682					
08 p1336	A67-21318				
NSG-684					
04 p0562	A67-14520				
NSG-685					
15 p2521	A67-29185	19 p3194	A67-35515		
NSG-686					
02 p0182	A67-12789				
NSG-688					
05 p0895	A67-16581	16 p2751	A67-31456		
09 p1564	A67-21736	21 p3700	A67-37766		
10 p1712	A67-23807	21 p3702	A67-38067		
10 p1712	A67-23808	24 p4233	A67-42623		
11 p1858	A67-24065	24 p4234	A67-42624		
16 p2751	A67-31455				
NSG-689					
07 p1137	A67-20014	20 p3376	A67-36700		
07 p1137	A67-20015	20 p3376	A67-36874		
13 p2065	A67-26807	20 p3376	A67-36877		
13 p2065	A67-27183	24 p4113	A67-42656		
NSG-692					
02 p0192	A67-11603	20 p3556	A67-37316		
02 p0305	A67-12353				
NSG-693					
08 p1287	A67-20983				
NSG-695					
02 p0307	A67-11691	06 p1042	A67-18574		
NSG-696					
22 p3788	A67-39469				
NSG-698					
08 p1353	A67-20349				
NSG-699					
07 p1226	A67-19499	15 p2469	A67-29223		
08 p1355	A67-20865	22 p3839	A67-39204		
NSG-702					
08 p1322	A67-21121				
NSG-702-67					
13 p2106	A67-27582				
NSG-703					
21 p3662	A67-37762				
NSG-704					
14 p2254	A67-28067	18 p2991	A67-33660		
NSG-713					
11 p1794	A67-24927				
NSG-721					
04 p0560	A67-14582	04 p0561	A67-14593		
NSG-726					
19 p3331	A67-36086	20 p3528	A67-37478		
NSG-733					
23 p4062	A67-40626				
NSG-1970					
13 p2062	A67-26921				
NSG-2503					
15 p2425	A67-29104				
NSG-3960					
04 p0608	A67-15447				
NSG-9660					
22 p3871	A67-39801				
NSG/T/-2					
09 p1562	A67-22241	16 p2753	A67-31700		
NSG/T/-3					
13 p2059	A67-26868				
NSG/T/-5					
11 p1821	A67-23961				
NSG/T/-6					
04 p0614	A67-14957	04 p0693	A67-14962		
NSG/T/-9					
20 p3408	A67-37076				
NSG/T/-10					
09 p1459	A67-22364	09 p1459	A67-22366		
09 p1459	A67-22365				
NSG/T/-30					
20 p3488	A67-36915				
NSG/T/-32					
23 p4024	A67-41086				
NSG/T/-34					
01 p0147	A67-10379	02 p0253	A67-12520		
01 p0147	A67-10380	06 p1116	A67-18381		
NSG/T/-35					
11 p1824	A67-25074				
NSG/T/-42					
17 p2855	A67-32393				
NSG/T/-44					
09 p1459	A67-22363				
NSG/T/-45					
17 p2914	A67-32386				
NSG/T/-47					
14 p2254	A67-28065				
NSG-/T/-62					
05 p0836	A67-17315	23 p4024	A67-41086		
07 p1217	A67-20019				
NSG/T/-63					
06 p0952	A67-17873				
NSG/T/-67-S1					
10 p1603	A67-23398				
NSG/T/-75					
16 p2705	A67-31627				
NSG/T/-76					
08 p1323	A67-21390	11 p1855	A67-23944		
NSG/T/-79					
10 p1602	A67-23158	11 p1749	A67-23920		
NSG/T/-83					
09 p1548	A67-22368				

CONTRACT NUMBER INDEX

NSG-/T/-84				NSR-44-024-006		
04 p0565 A67-14522	04 p0565 A67-14523			09 p1455 A67-21715	10 p1602 A67-23823	
NSG/T/-89				OD/37/027/		
15 p2429 A67-29280				15 p2468 A67-29128		
NSG/T/-95				ONR-233/91/		
12 p1961 A67-26082				17 p2821 A67-32865		
NSG/T/-113				ONR-3175/00/		
06 p0955 A67-17849				16 p2670 A67-30646		
NSG/T/-127				ONR/G/-00009-66		
01 p0135 A67-10916	15 p2533 A67-29295			06 p0998 A67-18702		
NSG/T/-129				PD/37/043		
08 p1415 A67-20476	20 p3539 A67-37006			15 p2468 A67-29128		
NSG/T/-137				PD-70A-37-63-12		
14 p2258 A67-28664				15 p2490 A67-30152		
NSG/T/-520-831				PHS-1-K3-HE-31		
23 p3971 A67-41041				23 p3971 A67-41709		
NSR-02-001-020				PHS-5T1-GM-25-07		
03 p0409 A67-12947				21 p3650 A67-37780		
NSR-03-002-048				PHS-108-65-174		
03 p0470 A67-14400	15 p2491 A67-30425			08 p1289 A67-20611		
11 p1863 A67-24509	20 p3390 A67-36251			PHS-108-66-98		
NSR-05-003-100				08 p1289 A67-20611		
08 p1398 A67-21230	17 p2944 A67-32636			PHS-272-01		
14 p2389 A67-28850	18 p3120 A67-33997			23 p3971 A67-41709		
NSR-09-015-018				PHS-AM-08070-03		
18 p3003 A67-34236				21 p3574 A67-38079		
NSR-17-0004-003				PHS-AM-08774		
01 p0021 A67-10317	02 p0192 A67-11603			20 p3371 A67-36927		
01 p0058 A67-10308	06 p0994 A67-17833			PHS-C-NB-02501-05		
01 p0059 A67-10329	19 p3227 A67-34798			17 p2821 A67-32865		
01 p0059 A67-10330	22 p3806 A67-40362			PHS-CA-06311		
NSR-22-009-106				20 p3373 A67-37433	20 p3373 A67-37669	
08 p1387 A67-20961				PHS-CA-07174		
NSR-22-014-001				23 p3971 A67-41041		
14 p2310 A67-27970				PHS-CA-07803		
NSR-22-014-003				23 p3971 A67-41041		
06 p0999 A67-19000				PHS-CD-00170-02		
NSR-24-005-047				23 p3971 A67-41709		
08 p1387 A67-20960	21 p3702 A67-38188			PHS-FR-0001602		
NSR-24-005-063				23 p3945 A67-41080		
17 p2890 A67-33263				PHS-FR-00166		
NSR-25-005-047				22 p3751 A67-39603		
24 p4231 A67-42448				PHS-G-2-T1-GM-409-06		
NSR-31-001-901				15 p2429 A67-29280		
11 p1861 A67-24488	19 p3330 A67-36075			PHS-G-5-K6-GM-13		
NSR-33-009-029				11 p1747 A67-24785		
16 p2659 A67-30954				PHS-G-5-K6-GM-981		
NSR-33-010-026				11 p1747 A67-24785		
14 p2388 A67-28833	17 p2952 A67-33250			PHS-G-AC-00054-08		
NSR-33-026-001				04 p0564 A67-15402		
09 p1526 A67-22390				PHS-G-AC-00209		
NSR-33-026-003				15 p2420 A67-29896		
08 p1289 A67-20613				PHS-G-AC-00288		
NSR-36-007-013				15 p2420 A67-29896		
18 p2990 A67-33632				PHS-G-AE-06-308-04		
NSR-36-008-027				10 p1598 A67-23393		
01 p0021 A67-10333				PHS-G-AM-06673		
NSR-44-004-043				14 p2260 A67-28477		
01 p0145 A67-10919	22 p3871 A67-39796					
17 p2938 A67-33209	22 p3871 A67-39797					
19 p3314 A67-35270	22 p3871 A67-39798					

CONTRACT NUMBER INDEX

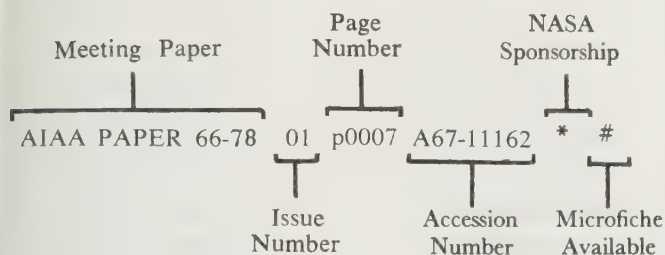
PHS-G-AP-00305-1,2 09 p1452 A67-21720				PNAS 5-667 04 p0623 A67-15315		
PHS-G-AP-00308-02 01 p0019 A67-10882				PRO-65-504 02 p0204 A67-12194	02 p0220	A67-12193
PHS-G-CA-04271-05 04 p0560 A67-14582				R-09-022-033 18 p3104 A67-34592		
PHS-G-CA-04552-08 04 p0618 A67-14496				R-21-009-004 03 p0409 A67-12944		
PHS-G-CD-00056-02 10 p1598 A67-23392	10 p1598	A67-23393		R-45/06-006-003 06 p1118 A67-18521	16 p2780	A67-31763
PHS-G-EF-00036-04 03 p0365 A67-14297				R-64/09-022-005 05 p0807 A67-16782 05 p0837 A67-16487	12 p1904	A67-26228
PHS-G-FR-00129 15 p2427 A67-29270				R-107/09-029-003 10 p1653 A67-22737		
PHS-G-GM-09261 04 p0561 A67-14593				R-129/09-030-017 12 p1903 A67-26126		
PHS-G-GM-14221 11 p1748 A67-25065				RAE-13-X-047-5031-R004-01-001 01 p0089 A67-10445	05 p0756	A67-16287
PHS-G-HD-01826-01 04 p0560 A67-14582				RLO-1927-11 13 p2060 A67-26926		
PHS-G-HE-06-308-04 10 p1598 A67-23392				SEFT 504/203/50 13 p2077 A67-26651		
PHS-G-HE-03558-09 03 p0367 A67-13336				SNPC-10 08 p1426 A67-20561		
PHS-G-HE-09834-01 01 p0015 A67-10412				SNS-2581-1 06 p0996 A67-18446		
PHS-G-HM-00224 18 p2994 A67-34340				SNS-2581-2 06 p0996 A67-18446		
PHS-G-MH-6415-08 15 p2429 A67-29294				SNSF G-NF-3045 11 p1825 A67-25079		
PHS-G-NB-05336 06 p0953 A67-18643				SNSF G-NF-3468 11 p1825 A67-25079	11 p1866	A67-24692
PHS-G-RH-00361-01-RAD 10 p1601 A67-23328				SNSF G-NF-4040 11 p1866 A67-24692		
PHS-GM-09652 20 p3373 A67-37433	20 p3373	A67-37669		SRC G-B/SR/822 20 p3421 A67-36844		
PHS-GM-10999 23 p3944 A67-40801				SRC G-B/SR/1508 21 p3731 A67-37926		
PHS-GM-12524 20 p3453 A67-37598				UCB-34P32-51 16 p2754 A67-31747		
PHS-GM-13244 20 p3453 A67-37598				UKAEA N-62558-3127 16 p2601 A67-30551		
PHS-HE-06286-06 23 p3971 A67-41709				UKAEA N-62558-4180 16 p2601 A67-30551		
PHS-HE-08337 22 p3751 A67-39603				USAF AS-5-298 07 p1217 A67-20018		
PHS-HE-08433 22 p3751 A67-39603				USAF G-129-66 08 p1322 A67-21121		
PHS-HE-09026 23 p3999 A67-41088				USDA-12-14-100-8307/20/ 24 p4157 A67-42435		
PHS-HE-10298 23 p3953 A67-41591				USDA-12-14-100-8926/20/ 24 p4157 A67-42435		
PHS-ISO-FR-5408 23 p3944 A67-40801				VRA G-RT-2 05 p0755 A67-16278		
PHS-M-7642 24 p4113 A67-42221				VRA-G-RT-4 15 p2427 A67-29270		
PHS-NB-03752 02 p0216 A67-12075	20 p3373	A67-37525				
PHS-TI-AL-69-04 20 p3371 A67-36927						

CONTRACT NUMBER INDEX

W-7401-ENG-49			
10 p1599	A67-23815	10 p1600	A67-23824
W-7405-ENG-48			
17 p2872	A67-32740	20 p3485	A67-36929
W-7405-ENG-92			
06 p1016	A67-17898		
WBG-25			
05 p0803	A67-17385		
WBG-27			
10 p1655	A67-22823		
WBG-34			
10 p1676	A67-22813		
WBG-44			
09 p1490	A67-21549		
WBG-49			
21 p3628	A67-38580		
WBG-52			
18 p3074	A67-34096		
WBG-59			
06 p1026	A67-18298	17 p2880	A67-32552
WBG-70			
10 p1676	A67-22813		

LISTING OF MEETING PAPERS AND REPORT NUMBERS

To the right of each meeting paper or report number is the issue number of *International Aerospace Abstracts*, followed by the page number and the IAA accession number. The asterisk (*) indicates NASA-supported work. When a number sign (#) is present, it indicates that the document is available on microfiche.



AAS PAPER 66-57	07 p1259 A67-19994 #
AAS PAPER 66-58	07 p1255 A67-19995 #
AAS PAPER 66-61	07 p1259 A67-19997 #
AAS PAPER 66-62	07 p1146 A67-19998 #
AAS PAPER 66-70	07 p1189 A67-19999*
AAS PAPER 66-77	07 p1135 A67-20000 #
AAS PAPER 66-78	07 p1255 A67-20001 #
AAS PAPER 66-91	13 p2116 A67-27516
AAS PAPER 66-91	07 p1183 A67-19956 #
AAS PAPER 66-93	13 p2207 A67-27517
AAS PAPER 66-93	07 p1252 A67-19957 #
AAS PAPER 66-94	13 p2207 A67-27518*
AAS PAPER 66-94	07 p1252 A67-19958*#
AAS PAPER 66-95	13 p2207 A67-27519*
AAS PAPER 66-95	07 p1252 A67-19959*#
AAS PAPER 66-96	13 p2208 A67-27520*
AAS PAPER 66-96	07 p1252 A67-19960*#
AAS PAPER 66-97	07 p1252 A67-19961 #
AAS PAPER 66-99	07 p1252 A67-19962*#
AAS PAPER 66-101	07 p1252 A67-19963*#
AAS PAPER 66-102	07 p1216 A67-19964 #
AAS PAPER 66-105	13 p2208 A67-27523*
AAS PAPER 66-105	07 p1253 A67-19965*#
AAS PAPER 66-106	13 p2208 A67-27524
AAS PAPER 66-106	07 p1253 A67-19966 #

AAS PAPER 66-107	13 p2154 A67-27525
AAS PAPER 66-107	07 p1216 A67-19967 #
AAS PAPER 66-108	07 p1253 A67-19968 #
AAS PAPER 66-109	07 p1253 A67-19969 #
AAS PAPER 66-111	13 p2214 A67-27527
AAS PAPER 66-111	07 p1253 A67-19970 #
AAS PAPER 66-112	13 p2208 A67-27528*
AAS PAPER 66-113	13 p2214 A67-27529
AAS PAPER 66-113	07 p1259 A67-19972 #
AAS PAPER 66-114	13 p2208 A67-27530
AAS PAPER 66-114	07 p1253 A67-19973 #
AAS PAPER 66-115	07 p1259 A67-19974 #
AAS PAPER 66-116	13 p2074 A67-27531*
AAS PAPER 66-116	07 p1149 A67-19976*#
AAS PAPER 66-117	13 p2155 A67-27532*
AAS PAPER 66-117	07 p1222 A67-19975*#
AAS PAPER 66-118	07 p1217 A67-19977*#
AAS PAPER 66-119	13 p2209 A67-27533
AAS PAPER 66-119	07 p1253 A67-19978 #
AAS PAPER 66-120	13 p2209 A67-27534
AAS PAPER 66-120	07 p1254 A67-19979 #
AAS PAPER 66-121	13 p2209 A67-27535
AAS PAPER 66-121	07 p1254 A67-19980 #
AAS PAPER 66-122	07 p1254 A67-19981 #
AAS PAPER 66-123	13 p2209 A67-27536*
AAS PAPER 66-123	07 p1254 A67-19982*#
AAS PAPER 66-124	13 p2209 A67-27537
AAS PAPER 66-124	07 p1254 A67-19983 #
AAS PAPER 66-125	13 p2209 A67-27538
AAS PAPER 66-125	07 p1254 A67-19984 #
AAS PAPER 66-126	07 p1254 A67-19985*#
AAS PAPER 66-127	07 p1255 A67-19986 #
AAS PAPER 66-128	13 p2214 A67-27539
AAS PAPER 66-128	07 p1241 A67-19987 #
AAS PAPER 66-129	13 p2214 A67-27540*
AAS PAPER 66-129	07 p1241 A67-19988*#
AAS PAPER 66-130	13 p2209 A67-27541*

MEETING PAPER AND REPORT NUMBER INDEX

AAS PAPER 66-130	07 p1255 A67-19989*#	AAS PAPER 67-35	15 p2571 A67-30107 #
AAS PAPER 66-131	13 p2209 A67-27542	AAS PAPER 67-36	15 p2571 A67-30108 #
AAS PAPER 66-131	07 p1255 A67-19990 #	AAS PAPER 67-37	15 p2467 A67-30109*#
AAS PAPER 66-132	13 p2210 A67-27543*	AAS PAPER 67-42	15 p2437 A67-30111 #
AAS PAPER 66-132	07 p1146 A67-19991*#	AAS PAPER 67-43	15 p2438 A67-30112 #
AAS PAPER 66-133	07 p1255 A67-19992 #	AAS PAPER 67-45	15 p2572 A67-30113 #
AAS PAPER 66-134	13 p2210 A67-27544*	AAS PAPER 67-46	15 p2467 A67-30114 #
AAS PAPER 66-134	07 p1255 A67-19993*#	AAS PAPER 67-47	15 p2513 A67-30115 #
AAS PAPER 66-141	08 p1429 A67-20966*#	AAS PAPER 67-51	15 p2454 A67-30116 #
AAS PAPER 66-142	13 p2214 A67-27548	AAS PAPER 67-52	15 p2468 A67-30117 #
AAS PAPER 66-142	08 p1411 A67-20967 #	AAS PAPER 67-54	15 p2440 A67-30118 #
AAS PAPER 66-148	13 p2232 A67-27549	AAS PAPER 67-56	15 p2562 A67-30120*#
AAS PAPER 66-148	08 p1429 A67-20968 #	AAS PAPER 67-59	15 p2468 A67-30121 #
AAS PAPER 66-149	13 p2232 A67-27550*	AAS PAPER 67-77	15 p2557 A67-29944*#
AAS PAPER 66-149	08 p1429 A67-20969*#	AAS PAPER 67-78	15 p2437 A67-29945
AAS PAPER 66-150	13 p2232 A67-27551*	AAS PAPER 67-79	15 p2452 A67-29946 #
AAS PAPER 66-150	08 p1430 A67-20970*#	AAS PAPER 67-80	15 p2432 A67-29947 #
AAS PAPER 66-153	13 p2233 A67-27554	AAS PAPER 67-81	15 p2575 A67-29948 #
AAS PAPER 66-153	08 p1430 A67-20971 #	AAS PAPER 67-84	15 p2546 A67-29950 #
AAS PAPER 66-154	13 p2232 A67-27552	AAS PAPER 67-89	15 p2583 A67-29951*#
AAS PAPER 66-154	08 p1430 A67-20972 #	AAS PAPER 67-91	15 p2437 A67-29952*#
AAS PAPER 66-156	13 p2233 A67-27555*	AAS PAPER 67-93	15 p2437 A67-29953 #
AAS PAPER 66-156	08 p1430 A67-20973*#	AAS PAPER 67-94	15 p2478 A67-29954 #
AAS PAPER 66-157	13 p2233 A67-27558*	AAS PAPER 67-95	15 p2570 A67-29955 #
AAS PAPER 66-157	08 p1430 A67-20974*#	AAS PAPER 67-101	15 p2570 A67-29956*#
AAS PAPER 66-158	13 p2233 A67-27559	AAS PAPER 67-102	15 p2515 A67-29957 #
AAS PAPER 66-158	08 p1430 A67-20975 #	AAS PAPER 67-103	15 p2420 A67-29958 #
AAS PAPER 66-159	13 p2233 A67-27556	AAS PAPER 67-104	15 p2478 A67-29959 #
AAS PAPER 66-159	08 p1430 A67-20976 #	AAS PAPER 67-106	15 p2478 A67-29960 #
AAS PAPER 66-162	13 p2233 A67-27557	AAS PAPER 67-113	15 p2557 A67-29961 #
AAS PAPER 66-162	08 p1430 A67-20977 #	AAS PAPER 67-115	15 p2558 A67-29962 #
AAS PAPER 66-180	08 p1386 A67-20957 #	AAS PAPER 67-116	15 p2432 A67-29963 #
AAS PAPER 66-183	08 p1387 A67-20958 #	AAS PAPER 67-118	15 p2570 A67-29964 #
AAS PAPER 66-184	08 p1387 A67-20959 #	AAS PAPER 67-127	15 p2558 A67-29965 #
AAS PAPER 66-185	08 p1387 A67-20960*#	AAS PAPER 67-130	15 p2570 A67-29966 #
AAS PAPER 66-186	08 p1387 A67-20961*#	AAS PAPER 67-132	15 p2516 A67-29967*#
AAS PAPER 66-189	08 p1387 A67-20962 #	AAS PAPER 67-134	15 p2571 A67-29968 #
AAS PAPER 66-190	08 p1341 A67-20763	AAS PAPER 67-153	15 p2583 A67-29969 #
AAS PAPER 66-191	08 p1387 A67-20964*#	ACS PAPER 1-G-65F	01 p0103 A67-10263
AAS PAPER 66-192	08 p1387 A67-20965*#	ACS PAPER 6-N-66F	24 p4175 A67-42372
AAS PAPER 67-26	15 p2562 A67-30101 #	ACS PAPER 27E-66F	20 p3459 A67-36644
AAS PAPER 67-28	15 p2562 A67-30103 #	AD-640708	11 p1831 A67-24010
AAS PAPER 67-32	15 p2562 A67-30105 #	AD-640908	19 p3178 A67-35884
AAS PAPER 67-34	15 p2571 A67-30106 #	AD-642463	18 p3133 A67-34487

MEETING PAPER AND REPORT NUMBER INDEX

AD-642811	01 p0018 A67-11400 #	AFCRL-67-0216	24 p4222 A67-41767
AD-642957	17 p2871 A67-32628	AFCRL-67-0226	09 p1470 A67-21608
AD-643034	19 p3178 A67-35885*	AFCRL-67-0261	09 p1460 A67-21593
AD-643671	07 p1251 A67-19848*	AFCRL-67-0291	20 p3435 A67-37675*
AD-643893	17 p2807 A67-32630	AFCRL-67-0326	20 p3434 A67-37430*
AD-644030	19 p3299 A67-35871 #	AFCRL-67-0340	13 p2162 A67-26281*
AD-651824	09 p1540 A67-21792 #	AFCRL-67-0341	13 p2107 A67-26301*#
AD-653420	16 p2753 A67-31700*	AFCRL-67-0380	15 p2518 A67-29767
AD-653438	05 p0892 A67-16409	AFCRL-67-0382	06 p1058 A67-18902 #
AD-653698	12 p1931 A67-25112	AFCRL-67-0405	12 p1983 A67-25478*
AD-653708	01 p0046 A67-11207	AFCRL-67-0422	23 p3972 A67-40751 #
AD-653811	10 p1702 A67-23345	AFCRL-67-0443	05 p0803 A67-17411
AD-654025	13 p2079 A67-26876	AFCRL-67-0478	16 p2749 A67-31417
AD-654093	16 p2753 A67-31699*	AFCRL-67-0479	15 p2554 A67-29516 #
AD-657766	17 p2840 A67-33137 #	AFCRL-67-0480	09 p1566 A67-22231
AFAPL-CONF-67-6	01 p0018 A67-11400 #	AFOSR-66-1883	19 p3178 A67-35885*
AFCRL-66-679	13 p2204 A67-27435 #	AFOSR-66-2638	07 p1251 A67-19848*
AFCRL-66-785	17 p2888 A67-32631	AFOSR-66-2823	19 p3299 A67-35871 #
AFCRL-66-795	02 p0324 A67-11857 #	AFOSR-67-1000	09 p1540 A67-21792 #
AFCRL-66-796	08 p1331 A67-21081*	AFOSR-67-1314	12 p1931 A67-25112
AFCRL-66-801	01 p0149 A67-10804	AFOSR-67-1339	01 p0046 A67-11207
AFCRL-66-803	01 p0145 A67-11263	AFOSR-67-1379	10 p1702 A67-23345
AFCRL-66-805	02 p0241 A67-11970 #	AFOSR-67-1406	13 p2079 A67-26876
AFCRL-66-834	02 p0323 A67-11694	AFOSR-67-1992	17 p2840 A67-33137 #
AFCRL-66-835	17 p2888 A67-32629	AGARDOGRAPH 95	15 p2479 A67-30273
AFCRL-66-836	02 p0262 A67-12081 #	AGARDOGRAPH 95	15 p2480 A67-30274
AFCRL-66-838	02 p0262 A67-12080 #	AGARDOGRAPH 95	15 p2480 A67-30275
AFCRL-66-839	01 p0148 A67-10388*	AGARDOGRAPH 95	15 p2480 A67-30276
AFCRL-66-851	04 p0610 A67-15924 #	AGARDOGRAPH 95	15 p2480 A67-30277
AFCRL-66-864	03 p0406 A67-12820	AGARDOGRAPH 95	15 p2480 A67-30278
AFCRL-66-865	03 p0505 A67-12835	AGARDOGRAPH 95	15 p2481 A67-30279
AFCRL-66-866	03 p0505 A67-12836	AGARDOGRAPH 95	15 p2481 A67-30280
AFCRL-66-867	02 p0326 A67-12246	AGARDOGRAPH 95	15 p2481 A67-30281
AFCRL-67-0003	02 p0238 A67-12048	AGARDOGRAPH 95	15 p2481 A67-30282
AFCRL-67-0012	07 p1256 A67-20013*	AGARDOGRAPH 95	15 p2481 A67-30283
AFCRL-67-0053	04 p0615 A67-14971 #	AGARDOGRAPH 95	15 p2481 A67-30284
AFCRL-67-0054	04 p0615 A67-14970 #	AGARDOGRAPH 95	15 p2481 A67-30285*
AFCRL-67-0065	03 p0371 A67-13865	AGARDOGRAPH 95	15 p2482 A67-30286
AFCRL-67-0073	03 p0369 A67-13660 #	AGARDOGRAPH 95	15 p2563 A67-30288
AFCRL-67-0082	12 p1996 A67-25774	AGARDOGRAPH 95	15 p2482 A67-30289*
AFCRL-67-0099	04 p0693 A67-14961 #	AGARDOGRAPH 95	15 p2482 A67-30290
AFCRL-67-0109	03 p0473 A67-13520	AGARDOGRAPH 95	15 p2482 A67-30291*
AFCRL-67-0121	24 p4146 A67-41808 #	AGARDOGRAPH 95	15 p2482 A67-30292
AFCRL-67-0127	03 p0371 A67-13916*	AGARDOGRAPH 95	15 p2483 A67-30293

MEETING PAPER AND REPORT NUMBER INDEX

AGARDOGRAPH 95	15 p2483 A67-30296	AIAA PAPER 64-644	02 p0263 A67-11923*#
AGARDOGRAPH 95	15 p2438 A67-30298	AIAA PAPER 64-650	11 p1817 A67-24335*#
AGARDOGRAPH 95	15 p2483 A67-30300	AIAA PAPER 65-363	19 p3227 A67-34821 #
AGARDOGRAPH 95	15 p2484 A67-30301	AIAA PAPER 65-367	02 p0331 A67-11929 #
AGARDOGRAPH 95	15 p2484 A67-30302	AIAA PAPER 65-399	04 p0546 A67-14815*#
AGARDOGRAPH 95	15 p2484 A67-30303	AIAA PAPER 65-424	04 p0723 A67-15232 #
AGARDOGRAPH 95	15 p2484 A67-30304	AIAA PAPER 65-449	03 p0402 A67-12919 #
AGARDOGRAPH 95	15 p2484 A67-30305	AIAA PAPER 65-474	04 p0598 A67-15229 #
AGARDOGRAPH 95	15 p2484 A67-30306	AIAA PAPER 65-516	08 p1413 A67-21507*#
AGARDOGRAPH 95	15 p2484 A67-30307	AIAA PAPER 65-580	12 p1990 A67-25899 #
AGARDOGRAPH 95	15 p2485 A67-30308	AIAA PAPER 65-596	03 p0350 A67-12903 #
AGARDOGRAPH 95	15 p2422 A67-30399 #	AIAA PAPER 65-605	03 p0350 A67-12910 #
AHS PAPER 100	16 p2594 A67-31817	AIAA PAPER 65-638	03 p0533 A67-13058
AHS PAPER 101	16 p2595 A67-31818 #	AIAA PAPER 65-639	03 p0534 A67-13059
AHS PAPER 102	16 p2595 A67-31819*#	AIAA PAPER 65-640	03 p0534 A67-13060
AHS PAPER 103	16 p2595 A67-31820 #	AIAA PAPER 65-641	03 p0449 A67-13061
AHS PAPER 104	16 p2595 A67-31821 #	AIAA PAPER 65-642	14 p2297 A67-28108*#
AHS PAPER 105	16 p2680 A67-31822 #	AIAA PAPER 65-643	08 p1426 A67-20561*#
AHS PAPER 106	16 p2680 A67-31823*#	AIAA PAPER 65-644	03 p0449 A67-13062*
AHS PAPER 107	16 p2610 A67-31824 #	AIAA PAPER 65-646	03 p0448 A67-13051
AHS PAPER 109	16 p2597 A67-31825 #	AIAA PAPER 65-647	03 p0448 A67-13052*
AHS PAPER 110	16 p2597 A67-31826 #	AIAA PAPER 65-648	03 p0448 A67-13053*
AHS PAPER 111	16 p2598 A67-31827 #	AIAA PAPER 65-649	03 p0448 A67-13054*
AHS PAPER 112	16 p2783 A67-31828 #	AIAA PAPER 65-650	03 p0448 A67-13055*
AHS PAPER 113	16 p2598 A67-31829 #	AIAA PAPER 65-651	03 p0448 A67-13056*
AHS PAPER 115	16 p2737 A67-31831 #	AIAA PAPER 65-652	03 p0448 A67-13057*
AHS PAPER 116	16 p2598 A67-31832 #	AIAA PAPER 65-653	03 p0447 A67-13033*
AHS PAPER 117	16 p2737 A67-31833 #	AIAA PAPER 65-654	03 p0418 A67-13034*
AHS PAPER 118	16 p2684 A67-31834 #	AIAA PAPER 65-655	03 p0447 A67-13035
AHS PAPER 119	16 p2598 A67-31835 #	AIAA PAPER 65-656	03 p0448 A67-13036*
AHS PAPER 121	16 p2598 A67-31836 #	AIAA PAPER 65-658	03 p0534 A67-13063
AHS PAPER 122	16 p2777 A67-31837 #	AIAA PAPER 65-659	03 p0534 A67-13064*
AHS PAPER 123	16 p2777 A67-31838	AIAA PAPER 65-660	03 p0534 A67-13065
AHS PAPER 124	16 p2598 A67-31839 #	AIAA PAPER 65-661	03 p0534 A67-13067*
AHS PAPER 125	16 p2598 A67-31840 #	AIAA PAPER 65-662	03 p0534 A67-13068
AHS PAPER 126	16 p2598 A67-31841 #	AIAA PAPER 65-663	03 p0534 A67-13069*
AHS PAPER 128	16 p2599 A67-31842 #	AIAA PAPER 65-664	03 p0411 A67-13044*
AHS PAPER 129	16 p2777 A67-31843 #	AIAA PAPER 65-665	03 p0411 A67-13045
AHS PAPER 130	16 p2777 A67-31844 #	AIAA PAPER 65-666	03 p0411 A67-13046*
AHS PAPER 131	16 p2599 A67-31845 #	AIAA PAPER 65-667	03 p0467 A67-13047*
AHS PAPER 132	16 p2777 A67-31846 #	AIAA PAPER 65-668	03 p0508 A67-13048*
AHS PAPER 133	16 p2777 A67-31847	AIAA PAPER 65-669	03 p0508 A67-13049*
AIAA PAPER 64-450	04 p0554 A67-15251 #	AIAA PAPER 65-670	03 p0448 A67-13038
AIAA PAPER 64-606	03 p0502 A67-12902 #	AIAA PAPER 65-671	03 p0467 A67-13039*

MEETING PAPER AND REPORT NUMBER INDEX

AIAA PAPER 65-672	03 p0419 A67-13040*	AIAA PAPER 66-47	15 p2531 A67-30205 #
AIAA PAPER 65-673	03 p0440 A67-13041*	AIAA PAPER 66-52	11 p1869 A67-24338 #
AIAA PAPER 65-675	03 p0467 A67-13042	AIAA PAPER 66-53	19 p3171 A67-35741 #
AIAA PAPER 65-689	16 p2743 A67-30728	AIAA PAPER 66-55	04 p0547 A67-14820 #
AIAA PAPER 65-703	03 p0418 A67-13037	AIAA PAPER 66-59	07 p1188 A67-19996 #
AIAA PAPER 65-704	01 p0055 A67-11254 #	AIAA PAPER 66-66	05 p0873 A67-17217 #
AIAA PAPER 65-705	03 p0394 A67-12915 #	AIAA PAPER 66-67	15 p2582 A67-30196 #
AIAA PAPER 65-711	03 p0360 A67-13781 #	AIAA PAPER 66-73	05 p0856 A67-17344 #
AIAA PAPER 65-716	08 p1276 A67-20559 #	AIAA PAPER 66-74	13 p2120 A67-26835 #
AIAA PAPER 65-717	03 p0354 A67-12914*#	AIAA PAPER 66-75	01 p0014 A67-11177 #
AIAA PAPER 65-722	09 p1457 A67-22493*#	AIAA PAPER 66-78	01 p0007 A67-11162*#
AIAA PAPER 65-734	03 p0426 A67-12917 #	AIAA PAPER 66-81	02 p0337 A67-11930*#
AIAA PAPER 65-738	03 p0354 A67-12905 #	AIAA PAPER 66-84	04 p0709 A67-14841 #
AIAA PAPER 65-739	03 p0354 A67-12906 #	AIAA PAPER 66-85	10 p1733 A67-23125 #
AIAA PAPER 65-739	08 p1279 A67-21043 #	AIAA PAPER 66-90	08 p1276 A67-20563 #
AIAA PAPER 65-743	03 p0502 A67-12904 #	AIAA PAPER 66-97	05 p0793 A67-17210*#
AIAA PAPER 65-750	09 p1441 A67-22483 #	AIAA PAPER 66-103	08 p1426 A67-20569*#
AIAA PAPER 65-751	09 p1441 A67-22484 #	AIAA PAPER 66-104	04 p0546 A67-14816*#
AIAA PAPER 65-753	03 p0350 A67-12911 #	AIAA PAPER 66-106	05 p0928 A67-17336*#
AIAA PAPER 65-780	17 p2797 A67-32584 #	AIAA PAPER 66-113	05 p0873 A67-17347 #
AIAA PAPER 65-787	03 p0354 A67-12908*#	AIAA PAPER 66-116	08 p1375 A67-20573 #
AIAA PAPER 65-791	09 p1441 A67-22494*#	AIAA PAPER 66-124	01 p0139 A67-11155 #
AIAA PAPER 65-793	03 p0365 A67-12913 #	AIAA PAPER 66-125	10 p1717 A67-23129 #
AIAA PAPER 65-805	01 p0054 A67-11164 #	AIAA PAPER 66-126	17 p2793 A67-33005 #
AIAA PAPER 65-808	01 p0007 A67-11165 #	AIAA PAPER 66-128	08 p1276 A67-20564 #
AIAA PAPER 65-809	01 p0007 A67-11166 #	AIAA PAPER 66-132	15 p2582 A67-30206*#
AIAA PAPER 65-810	01 p0054 A67-11167 #	AIAA PAPER 66-134	10 p1682 A67-23146*#
AIAA PAPER 65-818	01 p0007 A67-11168 #	AIAA PAPER 66-138	10 p1717 A67-23126 #
AIAA PAPER 65-820	01 p0054 A67-11169 #	AIAA PAPER 66-139	01 p0163 A67-11154 #
AIAA PAPER 65-822	01 p0055 A67-11170 #	AIAA PAPER 66-151	04 p0664 A67-14822*#
AIAA PAPER 65-823	01 p0055 A67-11171 #	AIAA PAPER 66-155	12 p1975 A67-25895 #
AIAA PAPER 66-2	05 p0750 A67-17340 #	AIAA PAPER 66-158	04 p0664 A67-14823*#
AIAA PAPER 66-13	03 p0350 A67-12912*#	AIAA PAPER 66-159	05 p0856 A67-17345 #
AIAA PAPER 66-17	03 p0354 A67-12909 #	AIAA PAPER 66-174	21 p3642 A67-38851 #
AIAA PAPER 66-21	03 p0533 A67-13043*	AIAA PAPER 66-175	05 p0856 A67-17342 #
AIAA PAPER 66-23	03 p0517 A67-13066*	AIAA PAPER 66-184	01 p0125 A67-11160 #
AIAA PAPER 66-25	08 p1413 A67-21513 #	AIAA PAPER 66-196	08 p1375 A67-20575*#
AIAA PAPER 66-26	04 p0547 A67-14819 #	AIAA PAPER 66-201	12 p1975 A67-25892*#
AIAA PAPER 66-29	05 p0928 A67-17337*#	AIAA PAPER 66-203	05 p0871 A67-17349*#
AIAA PAPER 66-33	01 p0007 A67-11161 #	AIAA PAPER 66-204	04 p0706 A67-15241 #
AIAA PAPER 66-37	07 p1248 A67-19363*#	AIAA PAPER 66-205	02 p0302 A67-11936*#
AIAA PAPER 66-39	05 p0902 A67-17207*#	AIAA PAPER 66-211	05 p0874 A67-17216 #
AIAA PAPER 66-42	03 p0534 A67-13070*	AIAA PAPER 66-214	07 p1240 A67-19364*#
AIAA PAPER 66-46	02 p0341 A67-11934 #	AIAA PAPER 66-216	13 p2188 A67-26823*#

MEETING PAPER AND REPORT NUMBER INDEX

AIAA PAPER 66-219	14 p2376 A67-28124*#	AIAA PAPER 66-458	07 p1268 A67-19374 #
AIAA PAPER 66-221	08 p1341 A67-20576*#	AIAA PAPER 66-459	02 p0342 A67-11939*#
AIAA PAPER 66-223	06 p1035 A67-18137*	AIAA PAPER 66-460	04 p0724 A67-15247 #
AIAA PAPER 66-224	02 p0302 A67-11937*#	AIAA PAPER 66-461	05 p0928 A67-17223 #
AIAA PAPER 66-226	07 p1240 A67-19365*#	AIAA PAPER 66-468	09 p1441 A67-22486*#
AIAA PAPER 66-246	10 p1698 A67-23121*#	AIAA PAPER 66-468	02 p0180 A67-11513*#
AIAA PAPER 66-247	10 p1698 A67-23120*#	AIAA PAPER 66-470	13 p2212 A67-26820 #
AIAA PAPER 66-284	12 p1990 A67-25891*#	AIAA PAPER 66-471	05 p0924 A67-17213*#
AIAA PAPER 66-308	06 p0967 A67-17688	AIAA PAPER 66-473	07 p1240 A67-19370 #
AIAA PAPER 66-309	06 p1094 A67-17689	AIAA PAPER 66-475	06 p1110 A67-18860*#
AIAA PAPER 66-309	06 p0964 A67-18414	AIAA PAPER 66-477	21 p3706 A67-38862 #
AIAA PAPER 66-311	06 p0979 A67-17691*	AIAA PAPER 66-478	04 p0704 A67-14829*#
AIAA PAPER 66-312	06 p0961 A67-17702	AIAA PAPER 66-479	10 p1685 A67-23123*#
AIAA PAPER 66-313	06 p1094 A67-17703*	AIAA PAPER 66-480	15 p2531 A67-30204 #
AIAA PAPER 66-314	06 p1094 A67-17704*	AIAA PAPER 66-481	12 p1905 A67-25906 #
AIAA PAPER 66-315	06 p0961 A67-17705	AIAA PAPER 66-482	14 p2356 A67-28123 #
AIAA PAPER 66-317	06 p0961 A67-17706*	AIAA PAPER 66-483	02 p0325 A67-11941 #
AIAA PAPER 66-319	06 p0961 A67-17709	AIAA PAPER 66-484	08 p1413 A67-21509*#
AIAA PAPER 66-321	06 p1120 A67-17710	AIAA PAPER 66-486	13 p2054 A67-27584 #
AIAA PAPER 66-322	06 p1120 A67-17708	AIAA PAPER 66-487	02 p0331 A67-11938 #
AIAA PAPER 66-324	06 p0967 A67-17685	AIAA PAPER 66-488	21 p3706 A67-38865 #
AIAA PAPER 66-325	06 p0967 A67-17686	AIAA PAPER 66-489	15 p2564 A67-29422*#
AIAA PAPER 66-326	06 p0967 A67-17690*	AIAA PAPER 66-491	10 p1591 A67-23112 #
AIAA PAPER 66-330	06 p0960 A67-17693	AIAA PAPER 66-492	06 p0943 A67-18848 #
AIAA PAPER 66-331	06 p0961 A67-17700	AIAA PAPER 66-493	06 p0943 A67-18844 #
AIAA PAPER 66-332	06 p1120 A67-17707	AIAA PAPER 66-494	15 p2418 A67-30191 #
AIAA PAPER 66-341	07 p1257 A67-19372*#	AIAA PAPER 66-495	02 p0177 A67-11514 #
AIAA PAPER 66-352	05 p0838 A67-17304 #	AIAA PAPER 66-495	12 p1893 A67-25903 #
AIAA PAPER 66-353	05 p0838 A67-17214 #	AIAA PAPER 66-496	11 p1852 A67-24343*#
AIAA PAPER 66-385	10 p1632 A67-22819 #	AIAA PAPER 66-498	02 p0302 A67-11515 #
AIAA PAPER 66-389	15 p2548 A67-30357*#	AIAA PAPER 66-498	13 p2188 A67-26825 #
AIAA PAPER 66-405	05 p0902 A67-17209 #	AIAA PAPER 66-500	11 p1852 A67-24341 #
AIAA PAPER 66-407	07 p1257 A67-19362 #	AIAA PAPER 66-501	02 p0302 A67-11516*#
AIAA PAPER 66-408	05 p0749 A67-17220 #	AIAA PAPER 66-502	08 p1413 A67-21512 #
AIAA PAPER 66-413	14 p2240 A67-28110*#	AIAA PAPER 66-503	08 p1424 A67-21524 #
AIAA PAPER 66-425	05 p0793 A67-17218 #	AIAA PAPER 66-505	13 p2220 A67-27590 #
AIAA PAPER 66-426	14 p2240 A67-28109 #	AIAA PAPER 66-507	04 p0711 A67-15252 #
AIAA PAPER 66-430	13 p2106 A67-27585 #	AIAA PAPER 66-508	08 p1424 A67-21522 #
AIAA PAPER 66-439	07 p1184 A67-19373 #	AIAA PAPER 66-509	12 p2008 A67-25920 #
AIAA PAPER 66-446	12 p2030 A67-25915 #	AIAA PAPER 66-511	05 p0906 A67-17219 #
AIAA PAPER 66-449	14 p2399 A67-28120*#	AIAA PAPER 66-517	13 p2106 A67-27582*
AIAA PAPER 66-450	08 p1424 A67-21533*#	AIAA PAPER 66-519	12 p1929 A67-25905 #
AIAA PAPER 66-454	15 p2417 A67-30188 #	AIAA PAPER 66-520	06 p0992 A67-18851*#
AIAA PAPER 66-457	17 p2839 A67-33007 #	AIAA PAPER 66-521	15 p2473 A67-30207 #

MEETING PAPER AND REPORT NUMBER INDEX

AIAA PAPER 66-525	05 p0924 A67-17351 #	AIAA PAPER 66-785	01 p0169 A67-10529 #
AIAA PAPER 66-526	12 p2030 A67-25914 #	AIAA PAPER 66-786	01 p0009 A67-10530 #
AIAA PAPER 66-528	12 p2030 A67-25917*#	AIAA PAPER 66-787	01 p0012 A67-10531 #
AIAA PAPER 66-529	08 p1417 A67-20558 #	AIAA PAPER 66-790	01 p0009 A67-10533 #
AIAA PAPER 66-531	17 p2960 A67-32577 #	AIAA PAPER 66-791	01 p0009 A67-10534 #
AIAA PAPER 66-537	14 p2394 A67-28115 #	AIAA PAPER 66-795	01 p0009 A67-10535 #
AIAA PAPER 66-538	21 p3565 A67-38875*#	AIAA PAPER 66-798	01 p0009 A67-10536 #
AIAA PAPER 66-551	05 p0844 A67-17222 #	AIAA PAPER 66-799	01 p0009 A67-10537 #
AIAA PAPER 66-569	13 p2188 A67-26824*#	AIAA PAPER 66-804	01 p0008 A67-10030 #
AIAA PAPER 66-593	08 p1413 A67-21516*#	AIAA PAPER 66-805	01 p0009 A67-10036 #
AIAA PAPER 66-598	22 p3868 A67-40084 #	AIAA PAPER 66-809	01 p0008 A67-10035 #
AIAA PAPER 66-599	04 p0723 A67-15246 #	AIAA PAPER 66-809	10 p1595 A67-23550 #
AIAA PAPER 66-600	12 p1988 A67-25909 #	AIAA PAPER 66-809	10 p1661 A67-23552 #
AIAA PAPER 66-605	13 p2050 A67-26831*#	AIAA PAPER 66-810	01 p0008 A67-10033 #
AIAA PAPER 66-619	15 p2516 A67-29426 #	AIAA PAPER 66-810	17 p2796 A67-32216 #
AIAA PAPER 66-627	08 p1374 A67-21517*#	AIAA PAPER 66-812	01 p0008 A67-10032 #
AIAA PAPER 66-628	07 p1240 A67-19377 #	AIAA PAPER 66-813	01 p0008 A67-10031 #
AIAA PAPER 66-630	15 p2573 A67-29418 #	AIAA PAPER 66-813	15 p2419 A67-29411 #
AIAA PAPER 66-638	10 p1592 A67-23118*#	AIAA PAPER 66-814	01 p0077 A67-10034 #
AIAA PAPER 66-639	15 p2548 A67-30200 #	AIAA PAPER 66-816	01 p0010 A67-10538 #
AIAA PAPER 66-655	09 p1438 A67-22490 #	AIAA PAPER 66-820	03 p0538 A67-14134 #
AIAA PAPER 66-665	17 p2791 A67-32567 #	AIAA PAPER 66-821	02 p0181 A67-12248 #
AIAA PAPER 66-670	17 p2926 A67-32570 #	AIAA PAPER 66-826	04 p0688 A67-14624 #
AIAA PAPER 66-679	10 p1696 A67-23131 #	AIAA PAPER 66-828	03 p0504 A67-14123 #
AIAA PAPER 66-680	19 p3310 A67-34811 #	AIAA PAPER 66-829	03 p0466 A67-14124*#
AIAA PAPER 66-686	02 p0303 A67-11944 #	AIAA PAPER 66-830	02 p0303 A67-12253 #
AIAA PAPER 66-695	09 p1441 A67-22498 #	AIAA PAPER 66-835	02 p0220 A67-12254 #
AIAA PAPER 66-727	13 p2054 A67-27591 #	AIAA PAPER 66-836	03 p0519 A67-14125 #
AIAA PAPER 66-731A	13 p2054 A67-27593 #	AIAA PAPER 66-837	03 p0397 A67-14126*#
AIAA PAPER 66-742	17 p2834 A67-32571 #	AIAA PAPER 66-838	03 p0519 A67-14127*#
AIAA PAPER 66-743	15 p2465 A67-29437 #	AIAA PAPER 66-839	02 p0331 A67-12255*#
AIAA PAPER 66-753	14 p2292 A67-28132 #	AIAA PAPER 66-840	02 p0331 A67-12256*#
AIAA PAPER 66-755	17 p2789 A67-32062 #	AIAA PAPER 66-843	02 p0181 A67-12257 #
AIAA PAPER 66-757	17 p2792 A67-33004 #	AIAA PAPER 66-844	03 p0360 A67-14015 #
AIAA PAPER 66-760	13 p2090 A67-26843*#	AIAA PAPER 66-845	04 p0595 A67-14978 #
AIAA PAPER 66-763	19 p3208 A67-35753 #	AIAA PAPER 66-848	02 p0221 A67-12258 #
AIAA PAPER 66-765	13 p2091 A67-27594*#	AIAA PAPER 66-850	03 p0424 A67-14016 #
AIAA PAPER 66-767	11 p1773 A67-24351 #	AIAA PAPER 66-850	15 p2486 A67-29440 #
AIAA PAPER 66-768	17 p2834 A67-32576 #	AIAA PAPER 66-854	03 p0376 A67-14128 #
AIAA PAPER 66-775	11 p1773 A67-24349*#	AIAA PAPER 66-856	02 p0343 A67-12259 #
AIAA PAPER 66-777	17 p2832 A67-32063 #	AIAA PAPER 66-859	02 p0343 A67-12260 #
AIAA PAPER 66-779	01 p0009 A67-10526 #	AIAA PAPER 66-862	02 p0343 A67-12261 #
AIAA PAPER 66-781	01 p0169 A67-10527 #	AIAA PAPER 66-863	03 p0519 A67-14129 #
AIAA PAPER 66-782	01 p0169 A67-10528 #	AIAA PAPER 66-863	19 p3331 A67-34809 #

MEETING PAPER AND REPORT NUMBER INDEX

AIAA PAPER 66-864	02 p0331 A67-12262 #	AIAA PAPER 66-947	02 p0304 A67-12281 #
AIAA PAPER 66-865	03 p0397 A67-14130*#	AIAA PAPER 66-948	02 p0304 A67-12282*#
AIAA PAPER 66-866	03 p0519 A67-14017 #	AIAA PAPER 66-949	02 p0304 A67-12283*#
AIAA PAPER 66-881	02 p0339 A67-12263 #	AIAA PAPER 66-949	13 p2188 A67-26834*#
AIAA PAPER 66-882	03 p0361 A67-14019 #	AIAA PAPER 66-950	02 p0302 A67-12284 #
AIAA PAPER 66-883	02 p0181 A67-12264 #	AIAA PAPER 66-951	02 p0187 A67-12285*#
AIAA PAPER 66-885	03 p0513 A67-14020*#	AIAA PAPER 66-952	03 p0366 A67-14023 #
AIAA PAPER 66-886	02 p0221 A67-12265 #	AIAA PAPER 66-956	03 p0520 A67-14140*#
AIAA PAPER 66-887	02 p0331 A67-12266*#	AIAA PAPER 66-958	02 p0332 A67-12286*#
AIAA PAPER 66-888	02 p0246 A67-12267*#	AIAA PAPER 66-959	02 p0332 A67-12287 #
AIAA PAPER 66-889	02 p0183 A67-12268 #	AIAA PAPER 66-960	13 p2212 A67-26846 #
AIAA PAPER 66-890	09 p1559 A67-21870 #	AIAA PAPER 66-960	03 p0520 A67-14141 #
AIAA PAPER 66-890	17 p2928 A67-32051*#	AIAA PAPER 66-961	02 p0332 A67-12288 #
AIAA PAPER 66-891	02 p0183 A67-12269 #	AIAA PAPER 66-964	02 p0182 A67-12638 #
AIAA PAPER 66-894	03 p0504 A67-14274*#	AIAA PAPER 66-966	02 p0262 A67-12289 #
AIAA PAPER 66-903	02 p0187 A67-12270*#	AIAA PAPER 66-966	17 p2880 A67-32581 #
AIAA PAPER 66-903	15 p2431 A67-29439*#	AIAA PAPER 66-967	02 p0246 A67-12290 #
AIAA PAPER 66-904	03 p0519 A67-14131*#	AIAA PAPER 66-968	02 p0178 A67-12291 #
AIAA PAPER 66-905	02 p0332 A67-12271 #	AIAA PAPER 66-969	02 p0332 A67-12292*#
AIAA PAPER 66-906	02 p0332 A67-12272 #	AIAA PAPER 66-970	03 p0361 A67-14142 #
AIAA PAPER 66-907	02 p0230 A67-12249 #	AIAA PAPER 66-971	02 p0304 A67-12293*#
AIAA PAPER 66-908	03 p0519 A67-14132 #	AIAA PAPER 66-972	02 p0304 A67-12294*#
AIAA PAPER 66-909	02 p0181 A67-12274 #	AIAA PAPER 66-972	17 p2928 A67-32064*#
AIAA PAPER 66-918	02 p0204 A67-12250 #	AIAA PAPER 66-973	02 p0304 A67-12295*#
AIAA PAPER 66-919	03 p0397 A67-14133*#	AIAA PAPER 66-974	02 p0305 A67-12296*#
AIAA PAPER 66-922	02 p0301 A67-12275 #	AIAA PAPER 66-975	02 p0305 A67-12297*#
AIAA PAPER 66-924	02 p0303 A67-12276 #	AIAA PAPER 66-976	02 p0305 A67-12298*#
AIAA PAPER 66-924	15 p2545 A67-29435 #	AIAA PAPER 66-983	04 p0551 A67-14663 #
AIAA PAPER 66-925	03 p0466 A67-14135 #	AIAA PAPER 66-987	03 p0520 A67-14143*#
AIAA PAPER 66-926	03 p0504 A67-14136 #	AIAA PAPER 66-988	02 p0181 A67-12299 #
AIAA PAPER 66-927	02 p0303 A67-12251 #	AIAA PAPER 66-989	02 p0333 A67-12300*#
AIAA PAPER 66-927	23 p4049 A67-41736 #	AIAA PAPER 66-989	15 p2564 A67-29423*#
AIAA PAPER 66-928	04 p0563 A67-14625*#	AIAA PAPER 66-990	02 p0333 A67-12301 #
AIAA PAPER 66-930	03 p0366 A67-14137*#	AIAA PAPER 66-990	15 p2564 A67-29421 #
AIAA PAPER 66-932	02 p0332 A67-12277*#	AIAA PAPER 66-991	03 p0353 A67-14144 #
AIAA PAPER 66-933	02 p0331 A67-12252 #	AIAA PAPER 66-992	03 p0353 A67-14145 #
AIAA PAPER 66-935	02 p0187 A67-12278*#	AIAA PAPER 66-997	03 p0362 A67-14146 #
AIAA PAPER 66-936	03 p0520 A67-14138*#	AIAA PAPER 66-998	02 p0181 A67-12302 #
AIAA PAPER 66-941	03 p0361 A67-14139 #	AIAA PAPER 66-999	02 p0183 A67-12303 #
AIAA PAPER 66-942	03 p0361 A67-14021 #	AIAA PAPER 66-1000	03 p0362 A67-14147*#
AIAA PAPER 66-944	02 p0230 A67-12279 #	AIAA PAPER 66-1000	17 p2797 A67-32582*#
AIAA PAPER 66-945	03 p0361 A67-14022 #	AIAA PAPER 66-1002	02 p0181 A67-12304 #
AIAA PAPER 66-945	17 p2797 A67-32583 #	AIAA PAPER 66-1003	03 p0397 A67-14148*#
AIAA PAPER 66-946	02 p0303 A67-12280*#	AIAA PAPER 66-1004	03 p0466 A67-14149*#

MEETING PAPER AND REPORT NUMBER INDEX

AIAA PAPER 66-1005	03 p0466 A67-14150*#	AIAA PAPER 67-26	17 p2948 A67-33039 #
AIAA PAPER 66-1009	02 p0184 A67-12307 #	AIAA PAPER 67-26	06 p1087 A67-18464 #
AIAA PAPER 66-1012	02 p0184 A67-12305*#	AIAA PAPER 67-27	15 p2571 A67-30102*#
AIAA PAPER 66-1015	23 p4070 A67-41711*#	AIAA PAPER 67-27	17 p2940 A67-32059*#
AIAA PAPER 66-1015	03 p0514 A67-14151*#	AIAA PAPER 67-27	06 p1085 A67-18332*#
AIAA PAPER 66-1016	04 p0702 A67-15589 #	AIAA PAPER 67-28	06 p1086 A67-18333*#
AIAA PAPER 66-1017	06 p0946 A67-17980 #	AIAA PAPER 67-29	15 p2562 A67-30104 #
AIAA PAPER 66-1018	03 p0361 A67-14024 #	AIAA PAPER 67-29	06 p0986 A67-18260*#
AIAA PAPER 66-1019	03 p0362 A67-14152 #	AIAA PAPER 67-30	07 p1126 A67-19432 #
AIAA PAPER 66-1021	03 p0363 A67-14153 #	AIAA PAPER 67-31	06 p0938 A67-18261 #
AIAA PAPER 66-1022	10 p1715 A67-22767 #	AIAA PAPER 67-31	17 p2793 A67-33006 #
AIAA PAPER 66-1022	03 p0529 A67-14154 #	AIAA PAPER 67-32	06 p0939 A67-18348 #
AIAA PAPER 66-1024	03 p0504 A67-14155*#	AIAA PAPER 67-33	08 p1275 A67-20379 #
AIAA PAPER 66-1025	03 p0504 A67-14156*#	AIAA PAPER 67-34	06 p0987 A67-18349 #
AIAA PAPER 66-1026	03 p0504 A67-14275 #	AIAA PAPER 67-35	06 p1032 A67-18465 #
AIAA PAPER 66-1027	04 p0704 A67-14979*#	AIAA PAPER 67-37	06 p0956 A67-18305 #
AIAA PAPER 66-10009	17 p2802 A67-32052 #	AIAA PAPER 67-38	15 p2467 A67-30110 #
AIAA PAPER 67-1	06 p0941 A67-18463 #	AIAA PAPER 67-38	06 p0986 A67-18262*#
AIAA PAPER 67-2	06 p0938 A67-18247 #	AIAA PAPER 67-39	06 p1096 A67-18350 #
AIAA PAPER 67-3	06 p0939 A67-18331 #	AIAA PAPER 67-40	06 p1102 A67-18334 #
AIAA PAPER 67-4	13 p2051 A67-27599 #	AIAA PAPER 67-41	06 p1095 A67-18263*#
AIAA PAPER 67-4	06 p0938 A67-18248 #	AIAA PAPER 67-41	17 p2956 A67-33013*#
AIAA PAPER 67-5	06 p0939 A67-18303 #	AIAA PAPER 67-42	24 p4242 A67-42909*#
AIAA PAPER 67-6	06 p0938 A67-18249 #	AIAA PAPER 67-42	06 p1097 A67-18448*#
AIAA PAPER 67-7	06 p1114 A67-18250 #	AIAA PAPER 67-43	06 p1095 A67-18264*#
AIAA PAPER 67-7	19 p3346 A67-35734 #	AIAA PAPER 67-45	06 p1103 A67-18351 #
AIAA PAPER 67-9	06 p1072 A67-18345 #	AIAA PAPER 67-46	06 p1042 A67-18493*#
AIAA PAPER 67-10	06 p1116 A67-18346*#	AIAA PAPER 67-47	06 p0951 A67-18466 #
AIAA PAPER 67-10	19 p3346 A67-35761*#	AIAA PAPER 67-49	06 p1074 A67-18435*#
AIAA PAPER 67-11	17 p2809 A67-33035 #	AIAA PAPER 67-50	06 p1074 A67-18436*#
AIAA PAPER 67-12	06 p0985 A67-18256 #	AIAA PAPER 67-52	06 p1075 A67-18449*#
AIAA PAPER 67-13	21 p3727 A67-38870*#	AIAA PAPER 67-53	24 p4208 A67-42902 #
AIAA PAPER 67-13	06 p1101 A67-18252*#	AIAA PAPER 67-53	06 p1075 A67-18494 #
AIAA PAPER 67-14	06 p1101 A67-18253*#	AIAA PAPER 67-54	06 p1086 A67-18352*#
AIAA PAPER 67-15	07 p1258 A67-19430 #	AIAA PAPER 67-55	15 p2438 A67-30119 #
AIAA PAPER 67-16	06 p0943 A67-18841 #	AIAA PAPER 67-55	06 p1028 A67-18265 #
AIAA PAPER 67-17	06 p0948 A67-18254 #	AIAA PAPER 67-56	06 p1029 A67-18495*#
AIAA PAPER 67-19	06 p0940 A67-18434 #	AIAA PAPER 67-57	06 p1029 A67-18266*#
AIAA PAPER 67-20	06 p0987 A67-18347 #	AIAA PAPER 67-58	06 p1023 A67-18267*#
AIAA PAPER 67-21	06 p0938 A67-18257 #	AIAA PAPER 67-59	06 p1095 A67-18268*#
AIAA PAPER 67-22	07 p1168 A67-19431 #	AIAA PAPER 67-59	19 p3331 A67-34815*#
AIAA PAPER 67-23	06 p0963 A67-18258 #	AIAA PAPER 67-60	06 p0986 A67-18269 #
AIAA PAPER 67-24	06 p1084 A67-18259 #	AIAA PAPER 67-61	06 p0941 A67-18467 #
AIAA PAPER 67-25	06 p1085 A67-18304 #	AIAA PAPER 67-62	14 p2240 A67-28112 #

MEETING PAPER AND REPORT NUMBER INDEX

AIAA PAPER 67-62	06 p0986 A67-18270 #	AIAA PAPER 67-96	07 p1240 A67-19437*#
AIAA PAPER 67-63	06 p0940 A67-18353 #	AIAA PAPER 67-97	06 p0986 A67-18280 #
AIAA PAPER 67-64	06 p0989 A67-18468 #	AIAA PAPER 67-98	23 p4035 A67-41724 #
AIAA PAPER 67-65	07 p1168 A67-19433 #	AIAA PAPER 67-99	06 p1041 A67-18281 #
AIAA PAPER 67-66	06 p1072 A67-18437 #	AIAA PAPER 67-100	06 p1042 A67-18471 #
AIAA PAPER 67-67	15 p2545 A67-30187 #	AIAA PAPER 67-101	06 p1073 A67-18472 #
AIAA PAPER 67-67	06 p1072 A67-18271 #	AIAA PAPER 67-102	06 p1074 A67-18282 #
AIAA PAPER 67-68	21 p3688 A67-38859 #	AIAA PAPER 67-103	06 p1114 A67-18283 #
AIAA PAPER 67-68	06 p1073 A67-18469*#	AIAA PAPER 67-104	21 p3732 A67-38860*#
AIAA PAPER 67-69	21 p3688 A67-38857 #	AIAA PAPER 67-105	06 p1114 A67-18284 #
AIAA PAPER 67-69	06 p1072 A67-18450 #	AIAA PAPER 67-106	06 p0981 A67-18473 #
AIAA PAPER 67-70	06 p1073 A67-18451*#	AIAA PAPER 67-107	06 p1072 A67-18308*#
AIAA PAPER 67-71	07 p1262 A67-19434*#	AIAA PAPER 67-107	19 p3310 A67-35766*#
AIAA PAPER 67-72	12 p2030 A67-25916*#	AIAA PAPER 67-108	06 p1004 A67-18503 #
AIAA PAPER 67-72	06 p1104 A67-18496*#	AIAA PAPER 67-109	06 p1103 A67-18339 #
AIAA PAPER 67-73	06 p1104 A67-18470*#	AIAA PAPER 67-110	06 p1101 A67-18285*#
AIAA PAPER 67-74	21 p3727 A67-38866*#	AIAA PAPER 67-110	17 p2963 A67-33015*#
AIAA PAPER 67-74	06 p1101 A67-18272*#	AIAA PAPER 67-111	06 p1104 A67-18453 #
AIAA PAPER 67-75	06 p0986 A67-18273 #	AIAA PAPER 67-112	21 p3728 A67-38873*#
AIAA PAPER 67-76	21 p3614 A67-38868 #	AIAA PAPER 67-112	06 p1103 A67-18355 #
AIAA PAPER 67-76	06 p0986 A67-18274 #	AIAA PAPER 67-113	06 p1102 A67-18309 #
AIAA PAPER 67-77	21 p3727 A67-38869 #	AIAA PAPER 67-114	06 p1103 A67-18356*#
AIAA PAPER 67-77	06 p1103 A67-18354 #	AIAA PAPER 67-116	07 p1163 A67-19438*#
AIAA PAPER 67-78	06 p1104 A67-18452 #	AIAA PAPER 67-117	06 p0980 A67-18286*#
AIAA PAPER 67-79	06 p1104 A67-18497*#	AIAA PAPER 67-118	22 p3886 A67-40094*#
AIAA PAPER 67-80	07 p1240 A67-19435 #	AIAA PAPER 67-118	06 p1085 A67-18310*#
AIAA PAPER 67-81	07 p1240 A67-19436 #	AIAA PAPER 67-119	06 p1087 A67-18454*#
AIAA PAPER 67-82	15 p2570 A67-29949 #	AIAA PAPER 67-120	06 p1084 A67-18287*#
AIAA PAPER 67-82	06 p1075 A67-18498*#	AIAA PAPER 67-121	06 p1085 A67-18311*#
AIAA PAPER 67-83	06 p1041 A67-18275 #	AIAA PAPER 67-122	06 p1096 A67-18340 #
AIAA PAPER 67-84	22 p3868 A67-40101 #	AIAA PAPER 67-123	06 p1087 A67-18455 #
AIAA PAPER 67-84	06 p1075 A67-18499 #	AIAA PAPER 67-124	06 p1095 A67-18312*#
AIAA PAPER 67-85	06 p0941 A67-18500*#	AIAA PAPER 67-125	06 p1084 A67-18288*#
AIAA PAPER 67-87	06 p1074 A67-18342 #	AIAA PAPER 67-126	06 p1095 A67-18313*#
AIAA PAPER 67-88	06 p1096 A67-18438*#	AIAA PAPER 67-127	06 p0988 A67-18456 #
AIAA PAPER 67-89	23 p4070 A67-41717*#	AIAA PAPER 67-128	06 p0987 A67-18336 #
AIAA PAPER 67-89	06 p1086 A67-18337*#	AIAA PAPER 67-129	06 p0939 A67-18314 #
AIAA PAPER 67-90	06 p1023 A67-18277*#	AIAA PAPER 67-130	06 p0989 A67-18474*#
AIAA PAPER 67-91	22 p3886 A67-40085 #	AIAA PAPER 67-132	06 p0940 A67-18357*#
AIAA PAPER 67-91	06 p1086 A67-18338 #	AIAA PAPER 67-133	06 p0948 A67-18358 #
AIAA PAPER 67-92	06 p1088 A67-18501*#	AIAA PAPER 67-134	06 p1096 A67-18359*#
AIAA PAPER 67-93	06 p1084 A67-18278 #	AIAA PAPER 67-135	06 p0939 A67-18315 #
AIAA PAPER 67-94	06 p1037 A67-18502 #	AIAA PAPER 67-136	06 p1095 A67-18316 #
AIAA PAPER 67-95	06 p1114 A67-18279*#	AIAA PAPER 67-137	06 p1097 A67-18504 #

MEETING PAPER AND REPORT NUMBER INDEX

AIAA PAPER 67-138	06 p0940 A67-18439*#	AIAA PAPER 67-178	06 p1118 A67-18485*#
AIAA PAPER 67-140	06 p1102 A67-18289 #	AIAA PAPER 67-179	06 p0990 A67-18511*#
AIAA PAPER 67-141	06 p1102 A67-18290*#	AIAA PAPER 67-180	06 p0989 A67-18486 #
AIAA PAPER 67-142	06 p1024 A67-18475 #	AIAA PAPER 67-181	06 p0980 A67-18297 #
AIAA PAPER 67-143	06 p1103 A67-18440 #	AIAA PAPER 67-182	06 p0980 A67-18343 #
AIAA PAPER 67-144	06 p1104 A67-18457*#	AIAA PAPER 67-182	19 p3208 A67-35767 #
AIAA PAPER 67-146	06 p1088 A67-18476*#	AIAA PAPER 67-183	07 p1163 A67-19439 #
AIAA PAPER 67-147	06 p1003 A67-18318*#	AIAA PAPER 67-184	06 p1026 A67-18298 #
AIAA PAPER 67-148	06 p0995 A67-18360*#	AIAA PAPER 67-185	06 p0951 A67-18487 #
AIAA PAPER 67-149	06 p1004 A67-18477*#	AIAA PAPER 67-186	06 p1088 A67-18488 #
AIAA PAPER 67-150	06 p1088 A67-18505 #	AIAA PAPER 67-187	06 p0980 A67-18323 #
AIAA PAPER 67-151	23 p4070 A67-41719 #	AIAA PAPER 67-188	23 p4025 A67-41747*#
AIAA PAPER 67-151	06 p1085 A67-18319 #	AIAA PAPER 67-188	06 p1026 A67-18491 #
AIAA PAPER 67-152	06 p1085 A67-18291 #	AIAA PAPER 67-190	06 p0939 A67-18299 #
AIAA PAPER 67-153	06 p1115 A67-18320 #	AIAA PAPER 67-191	06 p0940 A67-18361 #
AIAA PAPER 67-154	06 p1020 A67-18292 #	AIAA PAPER 67-192	22 p3786 A67-40096 #
AIAA PAPER 67-155	06 p1117 A67-18478 #	AIAA PAPER 67-192	06 p0988 A67-18459 #
AIAA PAPER 67-156	06 p0956 A67-18321 #	AIAA PAPER 67-194	23 p3991 A67-41713*#
AIAA PAPER 67-157	06 p1118 A67-18506*#	AIAA PAPER 67-194	06 p0987 A67-18341*#
AIAA PAPER 67-158	06 p1117 A67-18479 #	AIAA PAPER 67-195	06 p1116 A67-18362*#
AIAA PAPER 67-159	06 p0989 A67-18480 #	AIAA PAPER 67-196	06 p0989 A67-18489 #
AIAA PAPER 67-162	21 p3732 A67-38858 #	AIAA PAPER 67-197	06 p0988 A67-18442 #
AIAA PAPER 67-162	23 p3932 A67-41714*#	AIAA PAPER 67-198	06 p0987 A67-18300 #
AIAA PAPER 67-162	06 p1114 A67-18293*#	AIAA PAPER 67-199	06 p0987 A67-18324 #
AIAA PAPER 67-163	06 p0989 A67-18481 #	AIAA PAPER 67-200	07 p1258 A67-19440 #
AIAA PAPER 67-164	21 p3732 A67-38855*#	AIAA PAPER 67-201	06 p0948 A67-18301*#
AIAA PAPER 67-164	06 p1115 A67-18294*#	AIAA PAPER 67-202	06 p0948 A67-18302*#
AIAA PAPER 67-165	06 p0941 A67-18507*#	AIAA PAPER 67-203	15 p2419 A67-29444 #
AIAA PAPER 67-165	19 p3169 A67-34818*#	AIAA PAPER 67-203	06 p0949 A67-18490 #
AIAA PAPER 67-166	06 p0939 A67-18295 #	AIAA PAPER 67-205	06 p1096 A67-18344 #
AIAA PAPER 67-166	17 p2789 A67-32061 #	AIAA PAPER 67-205	19 p3331 A67-34807 #
AIAA PAPER 67-167	06 p0941 A67-18482 #	AIAA PAPER 67-206	06 p0981 A67-18512 #
AIAA PAPER 67-167	19 p3169 A67-34816*#	AIAA PAPER 67-207	06 p0980 A67-18325*#
AIAA PAPER 67-169	06 p1097 A67-18483 #	AIAA PAPER 67-208	06 p1024 A67-18330 #
AIAA PAPER 67-169	19 p3332 A67-34831 #	AIAA PAPER 67-209	06 p1097 A67-18513 #
AIAA PAPER 67-170	06 p1029 A67-18508 #	AIAA PAPER 67-210	06 p1024 A67-18326*#
AIAA PAPER 67-171	06 p1020 A67-18296 #	AIAA PAPER 67-211	06 p1115 A67-18327 #
AIAA PAPER 67-172	06 p1008 A67-18458 #	AIAA PAPER 67-211	19 p3344 A67-34820 #
AIAA PAPER 67-173	06 p1021 A67-18509*#	AIAA PAPER 67-212	06 p1115 A67-18328*#
AIAA PAPER 67-174	06 p1021 A67-18484*#	AIAA PAPER 67-213	06 p1036 A67-18368*
AIAA PAPER 67-175	06 p1019 A67-18441 #	AIAA PAPER 67-214	06 p1052 A67-18514*#
AIAA PAPER 67-176	06 p1102 A67-18322 #	AIAA PAPER 67-215	06 p1117 A67-18443 #
AIAA PAPER 67-177	15 p2465 A67-29446 #	AIAA PAPER 67-216	06 p0951 A67-18329 #
AIAA PAPER 67-177	06 p0981 A67-18510 #	AIAA PAPER 67-217	06 p0988 A67-18460 #

MEETING PAPER AND REPORT NUMBER INDEX

AIAA PAPER 67-218	06 p0988 A67-18364*#	AIAA PAPER 67-261	07 p1130 A67-20074 #
AIAA PAPER 67-219	23 p3991 A67-41715 #	AIAA PAPER 67-262	07 p1130 A67-20075 #
AIAA PAPER 67-219	06 p0990 A67-18515 #	AIAA PAPER 67-263	07 p1130 A67-20086 #
AIAA PAPER 67-221	07 p1169 A67-19625 #	AIAA PAPER 67-264	07 p1129 A67-20041 #
AIAA PAPER 67-222	06 p0941 A67-18461 #	AIAA PAPER 67-265	07 p1256 A67-20053 #
AIAA PAPER 67-222	19 p3171 A67-35736 #	AIAA PAPER 67-266	07 p1164 A67-20047 #
AIAA PAPER 67-223	06 p1004 A67-18462 #	AIAA PAPER 67-267	07 p1166 A67-20076 #
AIAA PAPER 67-224	06 p0942 A67-18516 #	AIAA PAPER 67-268	17 p2834 A67-32590 #
AIAA PAPER 67-225	06 p0940 A67-18444 #	AIAA PAPER 67-268	07 p1167 A67-20077 #
AIAA PAPER 67-226	06 p1097 A67-18517 #	AIAA PAPER 67-269	07 p1269 A67-20078 #
AIAA PAPER 67-227	06 p1029 A67-18445 #	AIAA PAPER 67-270	07 p1167 A67-20079*#
AIAA PAPER 67-228	06 p0942 A67-18518 #	AIAA PAPER 67-271	21 p3712 A67-37808 #
AIAA PAPER 67-228	19 p3169 A67-34817 #	AIAA PAPER 67-271	07 p1260 A67-20080 #
AIAA PAPER 67-229	06 p1029 A67-18519 #	AIAA PAPER 67-272	07 p1260 A67-20081*#
AIAA PAPER 67-230	07 p1164 A67-20055*#	AIAA PAPER 67-273	07 p1129 A67-20048*#
AIAA PAPER 67-231	07 p1260 A67-20050 #	AIAA PAPER 67-276	07 p1260 A67-20082*#
AIAA PAPER 67-232	07 p1164 A67-20056 #	AIAA PAPER 67-277	07 p1241 A67-20054 #
AIAA PAPER 67-233	07 p1222 A67-20042 #	AIAA PAPER 67-278	07 p1167 A67-20083*#
AIAA PAPER 67-234	07 p1165 A67-20057*#	AIAA PAPER 67-279	15 p2465 A67-29425 #
AIAA PAPER 67-235	07 p1149 A67-20058 #	AIAA PAPER 67-279	07 p1164 A67-20049 #
AIAA PAPER 67-236	07 p1241 A67-20059 #	AIAA PAPER 67-280	07 p1221 A67-20084 #
AIAA PAPER 67-237	07 p1165 A67-20060*#	AIAA PAPER 67-281	12 p1967 A67-26000 #
AIAA PAPER 67-238	07 p1129 A67-20044*#	AIAA PAPER 67-284	12 p1938 A67-26001*#
AIAA PAPER 67-239	07 p1129 A67-20045*#	AIAA PAPER 67-285	12 p2035 A67-26002*#
AIAA PAPER 67-240	07 p1136 A67-20061 #	AIAA PAPER 67-286	12 p1958 A67-26003 #
AIAA PAPER 67-241	22 p3780 A67-40100*#	AIAA PAPER 67-287	12 p2035 A67-26004 #
AIAA PAPER 67-241	07 p1165 A67-20062*#	AIAA PAPER 67-288	12 p1958 A67-26005*#
AIAA PAPER 67-242	07 p1136 A67-20063 #	AIAA PAPER 67-289	12 p2009 A67-26006*#
AIAA PAPER 67-243	07 p1260 A67-20043*#	AIAA PAPER 67-290	12 p2009 A67-26007*#
AIAA PAPER 67-244	07 p1165 A67-20064*#	AIAA PAPER 67-291	12 p2009 A67-26008*#
AIAA PAPER 67-247	07 p1165 A67-20065*#	AIAA PAPER 67-293	12 p2009 A67-26009*#
AIAA PAPER 67-248	21 p3607 A67-37806*#	AIAA PAPER 67-295	12 p2035 A67-26010*#
AIAA PAPER 67-248	07 p1165 A67-20066 #	AIAA PAPER 67-296	12 p1926 A67-26011*#
AIAA PAPER 67-249	07 p1165 A67-20067 #	AIAA PAPER 67-297	12 p2035 A67-26012 #
AIAA PAPER 67-250	07 p1166 A67-20068 #	AIAA PAPER 67-298	12 p1926 A67-26013 #
AIAA PAPER 67-251	07 p1166 A67-20069*#	AIAA PAPER 67-299	12 p1946 A67-26014 #
AIAA PAPER 67-252	07 p1166 A67-20070 #	AIAA PAPER 67-300	12 p2035 A67-26015 #
AIAA PAPER 67-253	07 p1189 A67-20085 #	AIAA PAPER 67-301	12 p1958 A67-26016 #
AIAA PAPER 67-254	07 p1149 A67-20051 #	AIAA PAPER 67-302	12 p1958 A67-26017*#
AIAA PAPER 67-255	07 p1166 A67-20071 #	AIAA PAPER 67-303	12 p1958 A67-26018 #
AIAA PAPER 67-256	07 p1241 A67-20072*#	AIAA PAPER 67-304	12 p2036 A67-26019 #
AIAA PAPER 67-257	07 p1164 A67-20052 #	AIAA PAPER 67-305	12 p2036 A67-26020 #
AIAA PAPER 67-258	07 p1166 A67-20073 #	AIAA PAPER 67-306	12 p1926 A67-26021 #
AIAA PAPER 67-259	07 p1241 A67-20046 #	AIAA PAPER 67-307	12 p2036 A67-26022*#

MEETING PAPER AND REPORT NUMBER INDEX

AIAA PAPER 67-308	12 p2036 A67-26023*#	AIAA PAPER 67-376	15 p2549 A67-30423 #
AIAA PAPER 67-309	12 p2012 A67-26024 #	AIAA PAPER 67-377	15 p2420 A67-30348 #
AIAA PAPER 67-310	12 p2036 A67-26025*#	AIAA PAPER 67-378	15 p2420 A67-30349 #
AIAA PAPER 67-311	12 p2036 A67-26026*#	AIAA PAPER 67-380	15 p2494 A67-30350 #
AIAA PAPER 67-312	12 p1926 A67-26027*#	AIAA PAPER 67-381	15 p2420 A67-30351 #
AIAA PAPER 67-313	12 p1946 A67-26028*#	AIAA PAPER 67-383	15 p2421 A67-30352 #
AIAA PAPER 67-314	12 p2037 A67-26029 #	AIAA PAPER 67-384	15 p2468 A67-30353 #
AIAA PAPER 67-315	12 p2037 A67-26030 #	AIAA PAPER 67-386	15 p2468 A67-30354 #
AIAA PAPER 67-316	12 p2037 A67-26031 #	AIAA PAPER 67-387	15 p2432 A67-30355 #
AIAA PAPER 67-317	12 p2037 A67-26032*#	AIAA PAPER 67-388	15 p2432 A67-30356 #
AIAA PAPER 67-318	12 p1957 A67-26033 #	AIAA PAPER 67-390	15 p2548 A67-30358 #
AIAA PAPER 67-319	12 p2037 A67-26034*#	AIAA PAPER 67-391	15 p2549 A67-30359 #
AIAA PAPER 67-320	12 p1957 A67-26035 #	AIAA PAPER 67-392	15 p2421 A67-30360 #
AIAA PAPER 67-321	12 p1957 A67-26036 #	AIAA PAPER 67-394	15 p2421 A67-30361 #
AIAA PAPER 67-322	12 p1930 A67-26037*#	AIAA PAPER 67-395	15 p2421 A67-30362 #
AIAA PAPER 67-323	12 p2037 A67-26038*#	AIAA PAPER 67-396	15 p2515 A67-30363 #
AIAA PAPER 67-324	12 p1894 A67-26039*#	AIAA PAPER 67-397	15 p2421 A67-30364 #
AIAA PAPER 67-326	12 p2037 A67-26040*#	AIAA PAPER 67-398	15 p2515 A67-30365 #
AIAA PAPER 67-327	12 p2038 A67-26041*#	AIAA PAPER 67-399	15 p2433 A67-30366 #
AIAA PAPER 67-328	12 p2038 A67-26042*#	AIAA PAPER 67-400	15 p2505 A67-30367 #
AIAA PAPER 67-329	12 p2038 A67-26043*#	AIAA PAPER 67-401	15 p2421 A67-30368 #
AIAA PAPER 67-330	12 p1938 A67-26044*#	AIAA PAPER 67-402	15 p2578 A67-30369 #
AIAA PAPER 67-331	12 p2038 A67-26045*#	AIAA PAPER 67-403	15 p2423 A67-30370 #
AIAA PAPER 67-332	12 p1938 A67-26046*#	AIAA PAPER 67-404	15 p2421 A67-30371 #
AIAA PAPER 67-333	12 p2038 A67-26047*#	AIAA PAPER 67-405	15 p2491 A67-30372 #
AIAA PAPER 67-334	12 p1901 A67-26048 #	AIAA PAPER 67-406	15 p2516 A67-30373 #
AIAA PAPER 67-335	12 p2038 A67-26049 #	AIAA PAPER 67-407	15 p2423 A67-30374 #
AIAA PAPER 67-336	12 p2039 A67-26050 #	AIAA PAPER 67-408	15 p2421 A67-30375*#
AIAA PAPER 67-337	12 p2039 A67-26051 #	AIAA PAPER 67-409	15 p2422 A67-30376 #
AIAA PAPER 67-338	12 p2039 A67-26052 #	AIAA PAPER 67-410	15 p2422 A67-30377
AIAA PAPER 67-339	12 p1959 A67-26053*#	AIAA PAPER 67-411	15 p2422 A67-30378 #
AIAA PAPER 67-340	12 p1959 A67-26054*#	AIAA PAPER 67-415	18 p2982 A67-33902 #
AIAA PAPER 67-341	12 p1957 A67-26055*#	AIAA PAPER 67-416	18 p3111 A67-33903 #
AIAA PAPER 67-342	12 p1959 A67-26056 #	AIAA PAPER 67-417	18 p3111 A67-33904 #
AIAA PAPER 67-343	12 p1959 A67-26057*#	AIAA PAPER 67-418	18 p2982 A67-33905 #
AIAA PAPER 67-344	12 p1959 A67-26058 #	AIAA PAPER 67-421	18 p2988 A67-33906 #
AIAA PAPER 67-345	12 p1959 A67-26059*#	AIAA PAPER 67-423	18 p2988 A67-33907*#
AIAA PAPER 67-346	14 p2245 A67-28729 #	AIAA PAPER 67-424	18 p3111 A67-33908*#
AIAA PAPER 67-348	14 p2246 A67-28730 #	AIAA PAPER 67-425	18 p3075 A67-33909*#
AIAA PAPER 67-349	14 p2246 A67-28731 #	AIAA PAPER 67-426	24 p4208 A67-42901*#
AIAA PAPER 67-364	14 p2259 A67-28732 #	AIAA PAPER 67-426	18 p3112 A67-33910*#
AIAA PAPER 67-365	14 p2401 A67-28733 #	AIAA PAPER 67-427	18 p3112 A67-33911 #
AIAA PAPER 67-374	15 p2548 A67-30346 #	AIAA PAPER 67-428	18 p3112 A67-33912 #
AIAA PAPER 67-375	15 p2548 A67-30347 #	AIAA PAPER 67-429	18 p3053 A67-33913 #

MEETING PAPER AND REPORT NUMBER INDEX

AIAA PAPER 67-435	18 p3112 A67-33914 #	AIAA PAPER 67-493	18 p2985 A67-33957*#
AIAA PAPER 67-437	18 p3112 A67-33915 #	AIAA PAPER 67-494	18 p2983 A67-33958 #
AIAA PAPER 67-439	18 p2985 A67-33916 #	AIAA PAPER 67-495	18 p3026 A67-33959 #
AIAA PAPER 67-440	18 p2985 A67-33917 #	AIAA PAPER 67-496	18 p3158 A67-33960 #
AIAA PAPER 67-441	18 p3112 A67-33918*#	AIAA PAPER 67-497	18 p3113 A67-33961 #
AIAA PAPER 67-442	18 p3019 A67-33919 #	AIAA PAPER 67-498	18 p3076 A67-33962 #
AIAA PAPER 67-443	18 p3137 A67-33920 #	AIAA PAPER 67-499	18 p3076 A67-33963*#
AIAA PAPER 67-444	18 p3054 A67-33921 #	AIAA PAPER 67-500	18 p3076 A67-33964*#
AIAA PAPER 67-446	18 p3026 A67-33922 #	AIAA PAPER 67-501	18 p3158 A67-33965*#
AIAA PAPER 67-447	18 p3112 A67-33923 #	AIAA PAPER 67-502	18 p3076 A67-33966*#
AIAA PAPER 67-449	18 p2982 A67-33924 #	AIAA PAPER 67-503	18 p3110 A67-33967 #
AIAA PAPER 67-451	18 p2982 A67-33925*#	AIAA PAPER 67-504	18 p3137 A67-33968*#
AIAA PAPER 67-452	18 p2983 A67-33926 #	AIAA PAPER 67-505	18 p3113 A67-33969*#
AIAA PAPER 67-453	18 p2983 A67-33927*#	AIAA PAPER 67-506	18 p3113 A67-33970 #
AIAA PAPER 67-454	18 p3110 A67-33928 #	AIAA PAPER 67-507	18 p2989 A67-33971*#
AIAA PAPER 67-455	18 p3019 A67-33929*#	AIAA PAPER 67-508	18 p3076 A67-33972 #
AIAA PAPER 67-456	18 p2988 A67-33930*#	AIAA PAPER 67-509	18 p3113 A67-33973 #
AIAA PAPER 67-457	18 p3069 A67-33931*#	AIAA PAPER 67-510	18 p3077 A67-33974*#
AIAA PAPER 67-461	18 p2988 A67-33932*#	AIAA PAPER 67-511	18 p3114 A67-33975*#
AIAA PAPER 67-462	18 p3113 A67-33933 #	AIAA PAPER 67-513	18 p3114 A67-33976 #
AIAA PAPER 67-463	18 p3026 A67-33934 #	AIAA PAPER 67-514	18 p3114 A67-33977*#
AIAA PAPER 67-464	18 p2983 A67-33935 #	AIAA PAPER 67-515	18 p3114 A67-33978
AIAA PAPER 67-465	18 p3020 A67-33936 #	AIAA PAPER 67-516	18 p3114 A67-33979*#
AIAA PAPER 67-467	18 p3137 A67-33937*#	AIAA PAPER 67-517	18 p3158 A67-33980*#
AIAA PAPER 67-468	18 p3110 A67-33938 #	AIAA PAPER 67-518	18 p3114 A67-33981*#
AIAA PAPER 67-469	18 p3162 A67-33939 #	AIAA PAPER 67-519	18 p3115 A67-33982*#
AIAA PAPER 67-470	18 p3157 A67-33940*#	AIAA PAPER 67-520	18 p3115 A67-33983*#
AIAA PAPER 67-471	18 p3157 A67-33941 #	AIAA PAPER 67-521	18 p3115 A67-33984 #
AIAA PAPER 67-472	18 p3157 A67-33942 #	AIAA PAPER 67-522	18 p3115 A67-33985 #
AIAA PAPER 67-473	18 p3026 A67-33943 #	AIAA PAPER 67-530	21 p3696 A67-38957 #
AIAA PAPER 67-474	18 p3113 A67-33944 #	AIAA PAPER 67-531	22 p3867 A67-39200 #
AIAA PAPER 67-475	18 p3157 A67-33945 #	AIAA PAPER 67-532	19 p3334 A67-35934 #
AIAA PAPER 67-476	18 p3075 A67-33946*#	AIAA PAPER 67-533	19 p3334 A67-35935*#
AIAA PAPER 67-477	18 p3076 A67-33947*#	AIAA PAPER 67-534	19 p3334 A67-35936*#
AIAA PAPER 67-478	18 p3077 A67-34402 #	AIAA PAPER 67-535	19 p3334 A67-35937 #
AIAA PAPER 67-479	18 p3157 A67-33948 #	AIAA PAPER 67-537	19 p3174 A67-35939 #
AIAA PAPER 67-480	18 p3158 A67-33949 #	AIAA PAPER 67-538	19 p3208 A67-35940 #
AIAA PAPER 67-481	18 p3158 A67-33950	AIAA PAPER 67-543	19 p3256 A67-35942 #
AIAA PAPER 67-482	18 p3158 A67-33951*#	AIAA PAPER 67-545	19 p3328 A67-35944*#
AIAA PAPER 67-486	18 p3076 A67-33952 #	AIAA PAPER 67-546	19 p3257 A67-35945*#
AIAA PAPER 67-487	18 p3076 A67-33953*#	AIAA PAPER 67-547	19 p3258 A67-35981*#
AIAA PAPER 67-488	18 p3143 A67-33954 #	AIAA PAPER 67-548	19 p3208 A67-35946 #
AIAA PAPER 67-489	18 p3143 A67-33955 #	AIAA PAPER 67-550	19 p3208 A67-35947 #
AIAA PAPER 67-491	18 p3143 A67-33956*#	AIAA PAPER 67-551	19 p3233 A67-35948*#

MEETING PAPER AND REPORT NUMBER INDEX

AIAA PAPER 67-552	19 p3257 A67-35949 #	AIAA PAPER 67-620	19 p3260 A67-36009*#
AIAA PAPER 67-553	19 p3257 A67-35950*#	AIAA PAPER 67-621	19 p3260 A67-36010*#
AIAA PAPER 67-554	19 p3335 A67-35951*#	AIAA PAPER 67-623	19 p3260 A67-36012 #
AIAA PAPER 67-555	19 p3257 A67-35952*#	AIAA PAPER 67-624	19 p3337 A67-36013 #
AIAA PAPER 67-556	19 p3257 A67-35953*#	AIAA PAPER 67-626	20 p3530 A67-37613*#
AIAA PAPER 67-557	19 p3174 A67-35954 #	AIAA PAPER 67-628	20 p3556 A67-37619 #
AIAA PAPER 67-558	19 p3335 A67-35955*#	AIAA PAPER 67-630	20 p3534 A67-37614*#
AIAA PAPER 67-559	19 p3174 A67-35956 #	AIAA PAPER 67-632	20 p3375 A67-37615*#
AIAA PAPER 67-560	19 p3335 A67-35957 #	AIAA PAPER 67-634	20 p3534 A67-37616*#
AIAA PAPER 67-564	19 p3250 A67-35960 #	AIAA PAPER 67-635	20 p3534 A67-37620 #
AIAA PAPER 67-565	19 p3328 A67-35961*#	AIAA PAPER 67-636	20 p3535 A67-37621 #
AIAA PAPER 67-567	19 p3335 A67-35963*#	AIAA PAPER 67-637	20 p3534 A67-37617 #
AIAA PAPER 67-568	19 p3329 A67-35964 #	AIAA PAPER 67-638	20 p3534 A67-37618*#
AIAA PAPER 67-570	19 p3174 A67-35966 #	AIAA PAPER 67-639	20 p3557 A67-37622 #
AIAA PAPER 67-571	19 p3174 A67-35967 #	AIAA PAPER 67-641	20 p3557 A67-37623*#
AIAA PAPER 67-572	19 p3258 A67-35968 #	AIAA PAPER 67-643	20 p3393 A67-37624 #
AIAA PAPER 67-573	19 p3258 A67-35969 #	AIAA PAPER 67-644	20 p3419 A67-37625 #
AIAA PAPER 67-574	20 p3533 A67-37133 #	AIAA PAPER 67-646	20 p3530 A67-37626*#
AIAA PAPER 67-575	19 p3335 A67-35970 #	AIAA PAPER 67-647	20 p3387 A67-37627 #
AIAA PAPER 67-576	19 p3174 A67-35971 #	AIAA PAPER 67-648	20 p3387 A67-37628*#
AIAA PAPER 67-577	19 p3175 A67-35972 #	AIAA PAPER 67-652	20 p3535 A67-37629 #
AIAA PAPER 67-578	19 p3175 A67-35973 #	AIAA PAPER 67-653	20 p3375 A67-37630*#
AIAA PAPER 67-582	19 p3258 A67-35977 #	AIAA PAPER 67-654	20 p3530 A67-37631 #
AIAA PAPER 67-583	19 p3329 A67-35978 #	AIAA PAPER 67-655	21 p3689 A67-38691*#
AIAA PAPER 67-585	19 p3258 A67-35980 #	AIAA PAPER 67-656	21 p3689 A67-38692*#
AIAA PAPER 67-587	19 p3258 A67-35983 #	AIAA PAPER 67-658	21 p3671 A67-38694*#
AIAA PAPER 67-589	19 p3336 A67-35985 #	AIAA PAPER 67-659	21 p3671 A67-38695 #
AIAA PAPER 67-591	19 p3336 A67-35987*#	AIAA PAPER 67-660	21 p3671 A67-38696 #
AIAA PAPER 67-594	19 p3259 A67-35990 #	AIAA PAPER 67-661	21 p3690 A67-38697*#
AIAA PAPER 67-595	24 p4182 A67-42910 #	AIAA PAPER 67-662	21 p3690 A67-38698*#
AIAA PAPER 67-595	19 p3259 A67-35991 #	AIAA PAPER 67-664	21 p3690 A67-38699*#
AIAA PAPER 67-596	19 p3336 A67-35992 #	AIAA PAPER 67-666	21 p3690 A67-38700*#
AIAA PAPER 67-597	19 p3259 A67-35993 #	AIAA PAPER 67-667	21 p3690 A67-38701*#
AIAA PAPER 67-599	19 p3336 A67-35995*#	AIAA PAPER 67-668	21 p3691 A67-38702*#
AIAA PAPER 67-606	19 p3259 A67-35997*#	AIAA PAPER 67-669	21 p3691 A67-38703*#
AIAA PAPER 67-607	19 p3172 A67-35998 #	AIAA PAPER 67-670	21 p3691 A67-38704*#
AIAA PAPER 67-609	19 p3208 A67-36000*#	AIAA PAPER 67-671	21 p3697 A67-38958 #
AIAA PAPER 67-613	19 p3329 A67-36002 #	AIAA PAPER 67-672	21 p3691 A67-38705 #
AIAA PAPER 67-614	19 p3329 A67-36003 #	AIAA PAPER 67-673	21 p3691 A67-38706*#
AIAA PAPER 67-615	19 p3329 A67-36004*#	AIAA PAPER 67-674	21 p3671 A67-38707 #
AIAA PAPER 67-616	19 p3226 A67-36005 #	AIAA PAPER 67-675	21 p3671 A67-38708*#
AIAA PAPER 67-617	19 p3337 A67-36006*#	AIAA PAPER 67-676	21 p3671 A67-38709*#
AIAA PAPER 67-618	19 p3260 A67-36007*#	AIAA PAPER 67-677	21 p3691 A67-38710*#
AIAA PAPER 67-619	19 p3260 A67-36008*#	AIAA PAPER 67-678	21 p3696 A67-38929*#

MEETING PAPER AND REPORT NUMBER INDEX

AIAA PAPER 67-680	21 p3692 A67-38711*#	AIAA PAPER 67-725	21 p3694 A67-38750*#
AIAA PAPER 67-681	21 p3692 A67-38712*#	AIAA PAPER 67-727	21 p3688 A67-38751 #
AIAA PAPER 67-682	21 p3660 A67-38713*#	AIAA PAPER 67-728	21 p3694 A67-38752 #
AIAA PAPER 67-683	21 p3692 A67-38714*#	AIAA PAPER 67-729	21 p3673 A67-38753*#
AIAA PAPER 67-684	21 p3688 A67-38715*#	AIAA PAPER 67-730	21 p3674 A67-38754*#
AIAA PAPER 67-685	21 p3692 A67-38716*#	AIAA PAPER 67-731	21 p3674 A67-38755 #
AIAA PAPER 67-686	21 p3692 A67-38717*#	AIAA PAPER 67-732	21 p3674 A67-38756*#
AIAA PAPER 67-687	21 p3692 A67-38718 #	AIAA PAPER 67-734	21 p3695 A67-38757 #
AIAA PAPER 67-688	21 p3693 A67-38719*#	AIAA PAPER 67-735	21 p3695 A67-38758*#
AIAA PAPER 67-689	21 p3693 A67-38720 #	AIAA PAPER 67-737	21 p3695 A67-38759 #
AIAA PAPER 67-690	21 p3696 A67-38930*#	AIAA PAPER 67-738	21 p3695 A67-38760 #
AIAA PAPER 67-691	22 p3868 A67-39843 #	AIAA PAPER 67-739	21 p3695 A67-38761 #
AIAA PAPER 67-692	21 p3672 A67-38721*#	AIAA PAPER 67-740	21 p3695 A67-38762 #
AIAA PAPER 67-693	21 p3672 A67-38722 #	AIAA PAPER 67-741	24 p4094 A67-42804*#
AIAA PAPER 67-694	21 p3613 A67-38723 #	AIAA PAPER 67-744	23 p4048 A67-40978 #
AIAA PAPER 67-695	21 p3732 A67-38724 #	AIAA PAPER 67-745	23 p4048 A67-40979 #
AIAA PAPER 67-696	21 p3672 A67-38725 #	AIAA PAPER 67-746	23 p3928 A67-40980 #
AIAA PAPER 67-697	21 p3693 A67-38726 #	AIAA PAPER 67-747	23 p3933 A67-40981 #
AIAA PAPER 67-698	21 p3693 A67-38727*#	AIAA PAPER 67-748	23 p3987 A67-40982*#
AIAA PAPER 67-699	21 p3697 A67-38959*#	AIAA PAPER 67-749	23 p3933 A67-40983 #
AIAA PAPER 67-700	21 p3693 A67-38728*#	AIAA PAPER 67-750	23 p3933 A67-40984 #
AIAA PAPER 67-701	21 p3697 A67-38960*#	AIAA PAPER 67-751	23 p3933 A67-40985 #
AIAA PAPER 67-702	21 p3714 A67-38729*#	AIAA PAPER 67-752	23 p4048 A67-40986 #
AIAA PAPER 67-703	21 p3672 A67-38730*#	AIAA PAPER 67-753	23 p4049 A67-40987 #
AIAA PAPER 67-704	21 p3672 A67-38731*#	AIAA PAPER 67-754	23 p3928 A67-40988 #
AIAA PAPER 67-705	21 p3672 A67-38732*#	AIAA PAPER 67-756	23 p3933 A67-40989 #
AIAA PAPER 67-706	21 p3672 A67-38733*#	AIAA PAPER 67-757	23 p4025 A67-40990 #
AIAA PAPER 67-708	21 p3706 A67-38735*#	AIAA PAPER 67-760	23 p3987 A67-40991 #
AIAA PAPER 67-709	21 p3693 A67-38736*#	AIAA PAPER 67-761	23 p3933 A67-40992 #
AIAA PAPER 67-710	21 p3706 A67-38737*#	AIAA PAPER 67-765	24 p4258 A67-42934 #
AIAA PAPER 67-711	21 p3714 A67-38738 #	AIAA PAPER 67-766	24 p4258 A67-42935*#
AIAA PAPER 67-712	21 p3714 A67-38739*#	AIAA PAPER 67-767	24 p4258 A67-42936*#
AIAA PAPER 67-713	22 p3868 A67-39844*#	AIAA PAPER 67-769	24 p4095 A67-42937 #
AIAA PAPER 67-714	21 p3673 A67-38740 #	AIAA PAPER 67-770	24 p4095 A67-42938 #
AIAA PAPER 67-715	21 p3673 A67-38741 #	AIAA PAPER 67-771	24 p4095 A67-42939*#
AIAA PAPER 67-716	21 p3673 A67-38742 #	AIAA PAPER 67-772	24 p4095 A67-42940 #
AIAA PAPER 67-717	21 p3673 A67-38743 #	AIAA PAPER 67-773	24 p4116 A67-42941 #
AIAA PAPER 67-718	21 p3673 A67-38744 #	AIAA PAPER 67-774	24 p4158 A67-42942 #
AIAA PAPER 67-719	21 p3694 A67-38745*#	AIAA PAPER 67-775	24 p4183 A67-42943*#
AIAA PAPER 67-720	21 p3694 A67-38746*#	AIAA PAPER 67-776	24 p4116 A67-42944 #
AIAA PAPER 67-721	21 p3714 A67-38747*#	AIAA PAPER 67-777	24 p4257 A67-42945*#
AIAA PAPER 67-722	21 p3697 A67-38961*#	AIAA PAPER 67-779	24 p4208 A67-42946 #
AIAA PAPER 67-723	21 p3694 A67-38748*#	AIAA PAPER 67-780	24 p4139 A67-42947 #
AIAA PAPER 67-724	21 p3694 A67-38749 #	AIAA PAPER 67-783	24 p4187 A67-42948 #

MEETING PAPER AND REPORT NUMBER INDEX

AIAA PAPER 67-786	24 p4242 A67-42949 #	AIAA PAPER 67-868	24 p4124 A67-42991 #
AIAA PAPER 67-787	24 p4258 A67-42950 #	AIAA PAPER 67-871	24 p4139 A67-42992 #
AIAA PAPER 67-788	24 p4242 A67-42951*#	AIAA PAPER 67-872	24 p4238 A67-42993 #
AIAA PAPER 67-789	24 p4152 A67-42952 #	AIAA PAPER 67-873	24 p4244 A67-42994 #
AIAA PAPER 67-792	24 p4126 A67-42953 #	AIAA PAPER 67-874	24 p4140 A67-42995*#
AIAA PAPER 67-793	24 p4251 A67-42954 #	AIAA PAPER 67-876	24 p4238 A67-42996 #
AIAA PAPER 67-794	24 p4251 A67-42955 #	AIAA PAPER 67-878	24 p4244 A67-42997 #
AIAA PAPER 67-795	24 p4258 A67-42956 #	AIAA PAPER 67-879	24 p4187 A67-42998 #
AIAA PAPER 67-796	24 p4183 A67-42957 #	AIAA PAPER 67-880	24 p4244 A67-43000 #
AIAA PAPER 67-797	21 p3568 A67-38543 #	AIAA PAPER 67-888	24 p4140 A67-43001 #
AIAA PAPER 67-797	24 p4095 A67-42958 #	AIAA PAPER 67-889	24 p4140 A67-43002 #
AIAA PAPER 67-798	24 p4096 A67-42959 #	AIAA PAPER 67-891	24 p4140 A67-43003 #
AIAA PAPER 67-799	24 p4258 A67-42960 #	AIAA PAPER 67-895	24 p4126 A67-43004 #
AIAA PAPER 67-801	24 p4259 A67-42961 #	AIAA PAPER 67-896	24 p4126 A67-43005 #
AIAA PAPER 67-802	24 p4259 A67-42962 #	AIAA PAPER 67-897	24 p4126 A67-43006 #
AIAA PAPER 67-803	24 p4243 A67-42963*#	AIAA PAPER 67-898	24 p4127 A67-43007 #
AIAA PAPER 67-805	24 p4251 A67-42964*#	AIAA PAPER 67-899	24 p4127 A67-43008 #
AIAA PAPER 67-808	24 p4252 A67-42965*#	AIAA PAPER 67-901	24 p4239 A67-43009 #
AIAA PAPER 67-809	24 p4259 A67-42966 #	AIAA PAPER 67-902	24 p4110 A67-43010*#
AIAA PAPER 67-811	24 p4259 A67-42967 #	AIAA PAPER 67-903	24 p4165 A67-43011 #
AIAA PAPER 67-814	24 p4243 A67-42968 #	AIAA PAPER 67-904	24 p4125 A67-43012 #
AIAA PAPER 67-815	24 p4139 A67-42969 #	AIAA PAPER 67-906	24 p4244 A67-43013 #
AIAA PAPER 67-822	24 p4243 A67-42970*#	AIAA PAPER 67-907	24 p4244 A67-43014 #
AIAA PAPER 67-824	24 p4243 A67-42971*#	AIAA PAPER 67-908	24 p4244 A67-43015 #
AIAA PAPER 67-825	24 p4116 A67-42972*#	AIAA PAPER 67-909	24 p4245 A67-43016 #
AIAA PAPER 67-826	24 p4096 A67-42973 #	AIAA PAPER 67-910	24 p4096 A67-43017 #
AIAA PAPER 67-828	24 p4096 A67-42974 #	AIAA PAPER 67-911	24 p4127 A67-43018 #
AIAA PAPER 67-829	24 p4259 A67-42975 #	AIAA PAPER 67-920	24 p4260 A67-43019 #
AIAA PAPER 67-833	24 p4243 A67-42976 #	AIAA PAPER 67-924	24 p4117 A67-43020*#
AIAA PAPER 67-836	24 p4259 A67-42977*#	AIAA PAPER 67-925	24 p4140 A67-43021 #
AIAA PAPER 67-839	24 p4259 A67-42978*#	AIAA PAPER 67-926	24 p4245 A67-43022*#
AIAA PAPER 67-841	24 p4096 A67-42979 #	AIAA PAPER 67-927	24 p4117 A67-43023 #
AIAA PAPER 67-842	24 p4165 A67-42980*#	AIAA PAPER 67-934	24 p4245 A67-43024 #
AIAA PAPER 67-843	24 p4259 A67-42981 #	AIAA PAPER 67-935	24 p4260 A67-43025 #
AIAA PAPER 67-846	24 p4117 A67-42982 #	AIAA PAPER 67-936	24 p4245 A67-43026 #
AIAA PAPER 67-847	24 p4183 A67-42983 #	AIAA PAPER 67-937	24 p4096 A67-43027 #
AIAA PAPER 67-848	24 p4117 A67-42984 #	AIAA PAPER 67-938	24 p4096 A67-43028*#
AIAA PAPER 67-852	24 p4243 A67-42985*#	AIAA PAPER 67-940	24 p4097 A67-43030 #
AIAA PAPER 67-855	24 p4117 A67-42999*#	AIAA PAPER 67-941	24 p4097 A67-43031 #
AIAA PAPER 67-862	24 p4238 A67-42986 #	AIAA PAPER 67-946	24 p4260 A67-43032*#
AIAA PAPER 67-863	24 p4244 A67-42987 #	AIAA PAPER 67-949	24 p4245 A67-43033 #
AIAA PAPER 67-865	24 p4238 A67-42988*#	AIAA PAPER 67-950	24 p4245 A67-43034 #
AIAA PAPER 67-866	24 p4117 A67-42989 #	AIAA PAPER 67-951	24 p4127 A67-43035 #
AIAA PAPER 67-867	24 p4096 A67-42990 #	AIAA PAPER 67-952	24 p4133 A67-43036 #

MEETING PAPER AND REPORT NUMBER INDEX

AIAA PAPER 67-953	24 p4245 A67-43037 #	ASLE PAPER 66AM 4B2	08 p1336 A67-21040
AIAA PAPER 67-955	24 p4127 A67-43038*#	ASLE PAPER 66AM 5D4	08 p1335 A67-21037
AIAA PAPER 67-956	24 p4127 A67-43039 #	ASLE PAPER 66AM 7A1	08 p1335 A67-21034
AIAA PAPER 67-957	24 p4140 A67-43040 #	ASLE PAPER 66AM-7A2	13 p2123 A67-27100*
AIAA PAPER 67-960	24 p4260 A67-43041 #	ASLE PAPER 66AM 7A3	08 p1335 A67-21036*
AIAA PAPER 67-963	24 p4260 A67-43042 #	ASLE PAPER 66AM-7A4	13 p2123 A67-27099*
AIAA PAPER 67-965	24 p4110 A67-43043 #	ASLE PAPER 67-LC-4	24 p4164 A67-42743 #
AIAA PAPER 67-966	24 p4246 A67-43044 #	ASLE PAPER 67-LC-5	24 p4174 A67-42744 #
AIAA PAPER 67-967	24 p4117 A67-43045 #	ASLE PAPER 67-LC-6	24 p4164 A67-42745 #
AIAA PAPER 67-968	24 p4118 A67-43046 #	ASLE PAPER 67-LC-7	24 p4164 A67-42746*#
AIAA PAPER 67-969	24 p4260 A67-43047 #	ASLE PAPER 67-LC-12	24 p4164 A67-42747 #
AIAA PAPER 67-970	24 p4097 A67-43048 #	ASLE PAPER 67-LC-14	24 p4165 A67-42748 #
AIAA PAPER 67-972	24 p4127 A67-43049 #	ASLE PAPER 67-LC-15	24 p4165 A67-42749 #
AIAA PAPER 67-973	24 p4260 A67-43050 #	ASLE PAPER 67-LC-16	24 p4165 A67-42750 #
AIAA PAPER 67-975	24 p4260 A67-43051*#	ASLE PAPER 67-LC-18	24 p4165 A67-42751*#
AIAA PAPER 67-976	24 p4125 A67-43052*#	ASLE PREPRINT 67AM 1C-1	22 p3813 A67-40218
AIAA PAPER 67-978	24 p4208 A67-43053 #	ASLE PREPRINT 67AM 1C-1	14 p2325 A67-28783
AIAA PAPER 67-981	24 p4187 A67-43054 #	ASLE PREPRINT 67AM 1C-3	14 p2325 A67-28784
AIAA PAPER 67-983	24 p4110 A67-43055 #	ASLE PREPRINT 67AM 2C-2	14 p2325 A67-28785
AIAA PAPER 67-984	24 p4166 A67-43056 #	ASLE PREPRINT 67AM 5A-2	14 p2325 A67-28786
AIAA PAPER 67-985	24 p4110 A67-43057 #	ASLE PREPRINT 67AM 5A-5	14 p2325 A67-28787
AIAA PAPER 67-986	24 p4246 A67-43058 #	ASLE PREPRINT 67AM 6D-4	22 p3813 A67-40219
AIAA PAPER 67-987	24 p4246 A67-43059*#	ASLE PREPRINT 67AM 6D-4	14 p2325 A67-28788
AIAA PAPER 67-988	24 p4127 A67-43060*#	ASLE PREPRINT 67AM 7A-1	14 p2326 A67-28789
AICE PREPRINT 45A	04 p0691 A67-15944 #	ASLE PREPRINT 67AM 7A-2	14 p2326 A67-28790
AICHE PAPER 2	20 p3552 A67-36825	ASLE PREPRINT 67AM 7A-3	14 p2326 A67-28791
AICHE PAPER 4	20 p3552 A67-36826	ASLE PREPRINT 67AM 7A-4	14 p2326 A67-28792
AICHE PAPER 6	20 p3552 A67-36827	ASLE PREPRINT 67AM 8A-1	14 p2326 A67-28793
AICHE PAPER 12	20 p3552 A67-36828	ASLE PREPRINT 67AM 8A-3	14 p2326 A67-28795*
AICHE PAPER 16	20 p3552 A67-36829	ASLE PREPRINT 67AM 8A-4	14 p2327 A67-28796
AICHE PAPER 20	20 p3552 A67-36830*	ASM PAPER C6-1.4	23 p4020 A67-41402
AICHE PAPER 27	20 p3552 A67-36831	ASM PAPER C6-1.5	23 p4020 A67-41407
AICHE PAPER 28	20 p3552 A67-36832	ASM PAPER C6-2.1	23 p4071 A67-41411*
AICHE PAPER 32	20 p3552 A67-36833*	ASM PAPER C6-2.2	23 p4020 A67-41409*
ARL-TR-67-17	08 p1287 A67-20614 #	ASM PAPER C6-2.3	23 p4079 A67-41408*
ARL-66-0173	24 p4140 A67-41807 #	ASM PAPER C6-2.4	23 p4020 A67-41412
AROD-2160-19	16 p2753 A67-31699*	ASM PAPER C6-4.2	23 p4020 A67-41405
AROD-6398-2	11 p1831 A67-24010	ASM PAPER C6-4.3	23 p4020 A67-41404*
ASCE PAPER 268	11 p1874 A67-24430 #	ASM PAPER C6-18.4	23 p4010 A67-41401
ASLE PAPER 66AM 1B2	08 p1336 A67-21038	ASM PAPER C6-18.5	23 p4020 A67-41406
ASLE PAPER 66AM 1C2	08 p1335 A67-21035*	ASM PAPER C6-21.1	23 p4022 A67-41403
ASLE PAPER 66AM 2B3	04 p0627 A67-14707	ASM PAPER C6-21.2	23 p4010 A67-41410*
ASLE PAPER 66AM 2C2	08 p1336 A67-21039*	ASME PAPER 65-HT-64	03 p0352 A67-14010 #
ASLE PAPER 66AM 3C2	09 p1506 A67-22421	ASME PAPER 65-MET-12	05 p0827 A67-16212 #

MEETING PAPER AND REPORT NUMBER INDEX

ASME PAPER 65-WA/FE-17	01 p0080 A67-10873 #	ASME PAPER 66-WA/APM-13	04 p0713 A67-15405 #
ASME PAPER 65-WA/HT-1	15 p2578 A67-29318 #	ASME PAPER 66-WA/APM-14	04 p0713 A67-15406 #
ASME PAPER 65-WA/HT-10	03 p0536 A67-14007 #	ASME PAPER 66-WA/APM-16	04 p0713 A67-15407*#
ASME PAPER 65-WA/HT-13	03 p0537 A67-14008 #	ASME PAPER 66-WA/APM-17	04 p0630 A67-15408*#
ASME PAPER 65WA/HT-26	08 p1427 A67-21319 #	ASME PAPER 66-WA/APM-18	04 p0714 A67-15409 #
ASME PAPER 65-WA/HT-27	03 p0537 A67-14012*#	ASME PAPER 66-WA/APM-19	04 p0714 A67-15410 #
ASME PAPER 65-WA/HT-31	15 p2415 A67-29320 #	ASME PAPER 66-WA/APM-20	10 p1731 A67-23840 #
ASME PAPER 65-WA/HT-37	08 p1278 A67-21320 #	ASME PAPER 66-WA/APM-21	04 p0714 A67-15411 #
ASME PAPER 65-WA/HT-39	03 p0404 A67-14011 #	ASME PAPER 66-WA/APM-22	04 p0718 A67-15927 #
ASME PAPER 65-WA/HT-40	03 p0537 A67-14009 #	ASME PAPER 66-WA/APM-24	04 p0714 A67-15412*#
ASME PAPER 65-WA/HT-53	03 p0537 A67-14014 #	ASME PAPER 66-WA/APM-27	10 p1730 A67-23839 #
ASME PAPER 65-WA/LUB-2	08 p1335 A67-20917 #	ASME PAPER 66-WA/APM-29	04 p0714 A67-15423 #
ASME PAPER 65-WA/MD-21	03 p0525 A67-13832 #	ASME PAPER 66-WA/AUT-1	04 p0593 A67-15421 #
ASME PAPER 65-WA/MET-5	05 p0827 A67-16214 #	ASME PAPER 66-WA/AUT-3	04 p0646 A67-15420 #
ASME PAPER 66-APM-BB	04 p0717 A67-15915*#	ASME PAPER 66-WA/AUT-4	04 p0555 A67-15388 #
ASME PAPER 66-APM-C	04 p0717 A67-15916 #	ASME PAPER 66-WA/AUT-5	04 p0555 A67-15389 #
ASME PAPER 66-APM-EE	04 p0718 A67-15918 #	ASME PAPER 66-WA/AUT-6	04 p0656 A67-15419 #
ASME PAPER 66-APM-N	04 p0718 A67-15926 #	ASME PAPER 66-WA/AUT-8	04 p0599 A67-15390*#
ASME PAPER 66-APM-R	04 p0550 A67-15910 #	ASME PAPER 66-WA/AUT-10	04 p0593 A67-15418 #
ASME PAPER 66-GT/CLC-4	01 p0014 A67-10872*#	ASME PAPER 66-WA/AUT-13	04 p0555 A67-15416 #
ASME PAPER 66-GT/CLC-9	01 p0080 A67-10871*#	ASME PAPER 66-WA/AUT-15	04 p0555 A67-15391 #
ASME PAPER 66-LUB-B	05 p0811 A67-16275 #	ASME PAPER 66-WA/AUT-16	17 p2882 A67-32015 #
ASME PAPER 66-LUB-3	03 p0431 A67-13754 #	ASME PAPER 66-WA/AUT-18	04 p0555 A67-15413 #
ASME PAPER 66-LUB-4	03 p0432 A67-13762 #	ASME PAPER 66-WA/AUT-21	04 p0592 A67-15392 #
ASME PAPER 66-LUB-5	03 p0432 A67-13763 #	ASME PAPER 66-WA/AUT-22	04 p0552 A67-15393 #
ASME PAPER 66-LUB-6	03 p0432 A67-13764 #	ASME PAPER 66-WA/AUT-24	17 p2835 A67-32017 #
ASME PAPER 66-LUB-7	03 p0431 A67-13759 #	ASME PAPER 66-WA/AV-1	04 p0599 A67-15394 #
ASME PAPER 66-LUB-10	03 p0432 A67-13765 #	ASME PAPER 66-WA/AV-2	04 p0599 A67-15395*#
ASME PAPER 66-LUB-11	03 p0431 A67-13760*#	ASME PAPER 66-WA/AV-3	04 p0599 A67-15396 #
ASME PAPER 66-LUB-12	03 p0431 A67-13761 #	ASME PAPER 66-WA/BHF-2	04 p0563 A67-15398 #
ASME PAPER 66-LUB-14	03 p0403 A67-13755 #	ASME PAPER 66-WA/BHF-3	04 p0564 A67-15399 #
ASME PAPER 66-LUB-15	03 p0431 A67-13758 #	ASME PAPER 66-WA/BHF-6	04 p0564 A67-15400*#
ASME PAPER 66-LUB-16	03 p0431 A67-13757 #	ASME PAPER 66-WA/BHF-6	17 p2807 A67-32814*#
ASME PAPER 66-LUB-19	03 p0431 A67-13756*#	ASME PAPER 66-WA/BHF-13	04 p0564 A67-15402 #
ASME PAPER 66-MD-8	06 p1015 A67-17835 #	ASME PAPER 66-WA/BHF-15	04 p0564 A67-15937 #
ASME PAPER 66-MECH-6	08 p1332 A67-21316 #	ASME PAPER 66-WA/ENER-1	04 p0555 A67-15414 #
ASME PAPER 66-MECH-13	08 p1336 A67-21318*#	ASME PAPER 66-WA/ENER-1	18 p2989 A67-34128 #
ASME PAPER 66-MECH-20	08 p1336 A67-21317*#	ASME PAPER 66-WA/ENER-2	04 p0634 A67-15371 #
ASME PAPER 66-MET-3	05 p0827 A67-16213 #	ASME PAPER 66-WA/ENER-4	04 p0682 A67-15368 #
ASME PAPER 66-PROD-5	03 p0432 A67-13833*#	ASME PAPER 66-WA/ENER-5	22 p3919 A67-40349*
ASME PAPER 66-WA/APM-1	04 p0714 A67-15426 #	ASME PAPER 66-WA/FE-2	04 p0608 A67-15386 #
ASME PAPER 66-WA/APM-3	05 p0909 A67-16143 #	ASME PAPER 66-WA/FE-6	11 p1770 A67-24276
ASME PAPER 66-WA/APM-7	04 p0616 A67-15225 #	ASME PAPER 66-WA/FE-7	04 p0611 A67-15928 #
ASME PAPER 66-WA/APM-12	04 p0713 A67-15403*#	ASME PAPER 66-WA/FE-14	23 p3989 A67-40929 #

MEETING PAPER AND REPORT NUMBER INDEX

ASME PAPER 66-WA/FE-15	04 p0548 A67-15351 #	ASME PAPER 66-WA/HT-17	04 p0739 A67-15930 #
ASME PAPER 66-WA/FE-17	04 p0606 A67-15352 #	ASME PAPER 66-WA/HT-24	04 p0725 A67-15444*#
ASME PAPER 66-WA/FE-18	24 p4143 A67-42463 #	ASME PAPER 66-WA/HT-25	20 p3555 A67-37607 #
ASME PAPER 66-WA/FE-22	23 p3989 A67-40930 #	ASME PAPER 66-WA/HT-28	04 p0725 A67-15441 #
ASME PAPER 66-WA/FE-23	24 p4143 A67-42464*#	ASME PAPER 66-WA/HT-29	04 p0599 A67-15443 #
ASME PAPER 66-WA/FE-23	04 p0554 A67-15353*#	ASME PAPER 66-WA/HT-32	15 p2579 A67-29319 #
ASME PAPER 66-WA/FE-24	24 p4143 A67-42465*#	ASME PAPER 66-WA/HT-32	04 p0725 A67-15440 #
ASME PAPER 66-WA/FE-24	04 p0607 A67-15354*#	ASME PAPER 66-WA/HT-33	15 p2579 A67-29322 #
ASME PAPER 66-WA/FE-25	04 p0607 A67-15355 #	ASME PAPER 66-WA/HT-35	04 p0724 A67-15428*#
ASME PAPER 66-WA/FE-28	24 p4161 A67-42466*#	ASME PAPER 66-WA/HT-38	04 p0724 A67-15429 #
ASME PAPER 66-WA/FE-28	04 p0630 A67-15356*#	ASME PAPER 66-WA/HT-44	04 p0724 A67-15430*#
ASME PAPER 66-WA/FE-31	04 p0607 A67-15363*#	ASME PAPER 66-WA/HT-45	04 p0564 A67-15431*#
ASME PAPER 66-WA/FE-34	04 p0607 A67-15365 #	ASME PAPER 66-WA/HT-47	04 p0724 A67-15432 #
ASME PAPER 66-WA/FE-35	04 p0668 A67-15366 #	ASME PAPER 66-WA/HT-48	04 p0739 A67-15940 #
ASME PAPER 66-WA/FE-36	04 p0607 A67-15367 #	ASME PAPER 66-WA/HT-49	04 p0725 A67-15433*#
ASME PAPER 66-WA/FE-39	04 p0608 A67-15447*#	ASME PAPER 66-WA/HT-50	04 p0669 A67-15434 #
ASME PAPER 66-WA/GT/-1	24 p4092 A67-42458 #	ASME PAPER 66-WA/HT-52	04 p0599 A67-15438 #
ASME PAPER 66-WA/GT-1	04 p0548 A67-15357 #	ASME PAPER 66-WA/HT-58	04 p0725 A67-15437 #
ASME PAPER 66-WA/GT-3	24 p4143 A67-42459 #	ASME PAPER 66-WA/HT-61	04 p0646 A67-15436 #
ASME PAPER 66-WA/GT-3	04 p0607 A67-15358 #	ASME PAPER 66-WA/LUB-3	04 p0630 A67-15350 #
ASME PAPER 66-WA/GT-4	24 p4251 A67-42460 #	ASME PAPER 66-WA/LUB-4	04 p0629 A67-15339 #
ASME PAPER 66-WA/GT-4	04 p0711 A67-15359 #	ASME PAPER 66-WA/LUB-6	04 p0629 A67-15338 #
ASME PAPER 66-WA/GT-5	24 p4251 A67-42461 #	ASME PAPER 66-WA/LUB-8	04 p0629 A67-15349 #
ASME PAPER 66-WA/GT-5	04 p0711 A67-15360 #	ASME PAPER 66-WA/MBT-10	04 p0740 A67-15334 #
ASME PAPER 66-WA/GT-6	04 p0713 A67-15384 #	ASME PAPER 66-WA/MD-1	04 p0629 A67-15348 #
ASME PAPER 66-WA/GT-6	18 p3115 A67-34130 #	ASME PAPER 66-WA/MD-2	04 p0629 A67-15347 #
ASME PAPER 66-WA/GT-7	04 p0548 A67-15385 #	ASME PAPER 66-WA/MD-8	04 p0629 A67-15346 #
ASME PAPER 66-WA/GT-7	18 p2983 A67-34131 #	ASME PAPER 66-WA/MD-9	04 p0629 A67-15345 #
ASME PAPER 66-WA/GT-8	04 p0712 A67-15364 #	ASME PAPER 66-WA/MD-10	04 p0554 A67-15337 #
ASME PAPER 66-WA/GT-9	04 p0550 A67-15938 #	ASME PAPER 66-WA/MET-2	04 p0639 A67-15344 #
ASME PAPER 66-WA/GT-10	04 p0607 A67-15361 #	ASME PAPER 66-WA/MET-3	04 p0639 A67-15343 #
ASME PAPER 66-WA/GT-12	04 p0712 A67-15362 #	ASME PAPER 66-WA/MET-4	04 p0711 A67-15342 #
ASME PAPER 66-WA/GT-13	24 p4207 A67-42462 #	ASME PAPER 66-WA/MET-5	04 p0639 A67-15341 #
ASME PAPER 66-WA/GT-13	04 p0690 A67-15370 #	ASME PAPER 66-WA/MET-6	04 p0639 A67-15340 #
ASME PAPER 66-WA/GT-14	04 p0712 A67-15369 #	ASME PAPER 66-WA/MET-9	04 p0712 A67-15374 #
ASME PAPER 66-WA/GT-14	18 p3115 A67-34132 #	ASME PAPER 66-WA/MET-11	04 p0639 A67-15375 #
ASME PAPER 66-WA/HT-3	04 p0738 A67-15929 #	ASME PAPER 66-WA/MET-12	04 p0712 A67-15376 #
ASME PAPER 66-WA/HT-4	15 p2470 A67-29321 #	ASME PAPER 66-WA/MET-13	04 p0712 A67-15377 #
ASME PAPER 66-WA/HT-4	04 p0608 A67-15448 #	ASME PAPER 66-WA/MET-15	04 p0712 A67-15378 #
ASME PAPER 66-WA/HT-5	04 p0726 A67-15445 #	ASME PAPER 66-WA/MET-17	04 p0639 A67-15332 #
ASME PAPER 66-WA/HT-6	04 p0739 A67-15939 #	ASME PAPER 66-WA/MET-18	04 p0629 A67-15333 #
ASME PAPER 66-WA/HT-7	04 p0726 A67-15446 #	ASME PAPER 66-WA/MGT-16	04 p0740 A67-15335 #
ASME PAPER 66-WA/HT-8	04 p0724 A67-15427 #	ASME PAPER 66-WA/MGT-18	04 p0740 A67-15336 #
ASME PAPER 66-WA/HT-16	04 p0608 A67-15449 #	ASME PAPER 66-WA/NE-1	04 p0712 A67-15372 #

MEETING PAPER AND REPORT NUMBER INDEX

ASME PAPER 66-WA/NE-4	04 p0656 A67-15373*#	ASME PAPER 67-DE-18	14 p2327 A67-28872 #
ASME PAPER 66-WA/PID-1	04 p0724 A67-15379 #	ASME PAPER 67-DE-24	14 p2328 A67-28873 #
ASME PAPER 66-WA/PID-2	04 p0555 A67-15380 #	ASME PAPER 67-DE-33	14 p2394 A67-28874 #
ASME PAPER 66-WA/PID-7	04 p0628 A67-15330 #	ASME PAPER 67-DE-34	14 p2394 A67-28875 #
ASME PAPER 66-WA/PID-8	04 p0606 A67-15331 #	ASME PAPER 67-DE-35	14 p2328 A67-28876 #
ASME PAPER 66-WA/PVP-5	04 p0719 A67-15931 #	ASME PAPER 67-DE-39	14 p2321 A67-28877 #
ASME PAPER 66-WA/PVP-5	18 p3143 A67-34127 #	ASME PAPER 67-DE-45	14 p2402 A67-28878 #
ASME PAPER 66-WA/RP-5	20 p3542 A67-37611 #	ASME PAPER 67-DE-46	14 p2328 A67-28879 #
ASME PAPER 66-WA/SAF-1	04 p0551 A67-15329 #	ASME PAPER 67-DE-47	14 p2408 A67-28880 #
ASME PAPER 66-WA/SOL-1	04 p0555 A67-15381 #	ASME PAPER 67-DE-50	14 p2328 A67-28881 #
ASME PAPER 66-WA/SOL-1	18 p2989 A67-34129 #	ASME PAPER 67-DE-52	14 p2341 A67-28882 #
ASME PAPER 66-WA/UNT-3	04 p0713 A67-15382 #	ASME PAPER 67-DE-58	14 p2328 A67-28883 #
ASME PAPER 66-WA/UNT-4	04 p0608 A67-15383 #	ASME PAPER 67-DE-61	14 p2246 A67-28884 #
ASME PAPER 66-WA/UNT-5	04 p0608 A67-15442 #	ASME PAPER 67-FE-1	14 p2304 A67-28354*#
ASME PAPER 66-WA/UNT-6	04 p0601 A67-14483 #	ASME PAPER 67-FE-2	14 p2304 A67-28355 #
ASME PAPER 67-APM-9	17 p2886 A67-33145 #	ASME PAPER 67-FE-3	14 p2304 A67-28356 #
ASME PAPER 67-APM-10	17 p2838 A67-32419 #	ASME PAPER 67-FE-4	14 p2304 A67-28357 #
ASME PAPER 67-APM-11	17 p2964 A67-33146 #	ASME PAPER 67-FE-6	14 p2242 A67-28358 #
ASME PAPER 67-APM-12	15 p2505 A67-30149*#	ASME PAPER 67-FE-8	20 p3425 A67-37599*#
ASME PAPER 67-APM-12	17 p2871 A67-32411*#	ASME PAPER 67-FE-9	14 p2304 A67-28359 #
ASME PAPER 67-APM-14	17 p2840 A67-33147*#	ASME PAPER 67-FE-11	14 p2242 A67-28360 #
ASME PAPER 67-APM-17	17 p2964 A67-33148	ASME PAPER 67-FE-12	14 p2304 A67-28361*#
ASME PAPER 67-APM-18	17 p2840 A67-33149*#	ASME PAPER 67-FE-13	14 p2304 A67-28362 #
ASME PAPER 67-APM-19	17 p2958 A67-32406 #	ASME PAPER 67-FE-15	14 p2304 A67-28363 #
ASME PAPER 67-APM-21	17 p2964 A67-33150 #	ASME PAPER 67-FE-16	14 p2242 A67-28364 #
ASME PAPER 67-APM-22	17 p2964 A67-33151 #	ASME PAPER 67-FE-18	14 p2243 A67-28365 #
ASME PAPER 67-APM-23	17 p2838 A67-32416 #	ASME PAPER 67-FE-19	14 p2252 A67-28366 #
ASME PAPER 67-APM-24	17 p2830 A67-33152 #	ASME PAPER 67-FE-20	14 p2305 A67-28367 #
ASME PAPER 67-APM-25	17 p2964 A67-33153 #	ASME PAPER 67-FE-23	14 p2243 A67-28368 #
ASME PAPER 67-APM-27	17 p2965 A67-33154 #	ASME PAPER 67-FE-25	14 p2305 A67-28369 #
ASME PAPER 67-APM-28	17 p2965 A67-33155 #	ASME PAPER 67-GT-1	11 p1808 A67-24789*#
ASME PAPER 67-APM-30	17 p2965 A67-33156 #	ASME PAPER 67-GT-2	11 p1808 A67-24790 #
ASME PAPER 67-APM-31	17 p2840 A67-33157 #	ASME PAPER 67-GT-3	11 p1799 A67-24791 #
ASME PAPER 67-APM-32	17 p2886 A67-33159 #	ASME PAPER 67-GT-4	11 p1853 A67-24792 #
ASME PAPER 67-APM-33	17 p2965 A67-33158 #	ASME PAPER 67-GT-5	11 p1808 A67-24793 #
ASME PAPER 67-APM-35	17 p2965 A67-33160 #	ASME PAPER 67-GT-6	11 p1745 A67-24794 #
ASME PAPER 67-APM-37	17 p2861 A67-33161 #	ASME PAPER 67-GT-7	11 p1744 A67-24795 #
ASME PAPER 67-DE-3	14 p2327 A67-28865 #	ASME PAPER 67-GT-8	11 p1854 A67-24796 #
ASME PAPER 67-DE-7	14 p2339 A67-28866 #	ASME PAPER 67-GT-9	11 p1745 A67-24797*#
ASME PAPER 67-DE-8	14 p2402 A67-28867 #	ASME PAPER 67-GT-12	11 p1746 A67-24798 #
ASME PAPER 67-DE-9	14 p2340 A67-28868 #	ASME PAPER 67-GT-14	11 p1854 A67-24799 #
ASME PAPER 67-DE-12	14 p2252 A67-28869 #	ASME PAPER 67-GT-15	11 p1854 A67-24800 #
ASME PAPER 67-DE-14	14 p2402 A67-28870 #	ASME PAPER 67-GT-17	11 p1808 A67-24801 #
ASME PAPER 67-DE-16	14 p2402 A67-28871 #	ASME PAPER 67-GT-18	11 p1854 A67-24802 #

MEETING PAPER AND REPORT NUMBER INDEX

ASME PAPER 67-GT-21	11 p1854 A67-24803 #	ASME PAPER 67-HT-54	20 p3447 A67-36736 #
ASME PAPER 67-GT-23	11 p1854 A67-24804 #	ASME PAPER 67-HT-55	20 p3548 A67-36737*#
ASME PAPER 67-GT-25	11 p1854 A67-24805 #	ASME PAPER 67-HT-56	20 p3549 A67-36738*#
ASME PAPER 67-GT-27	11 p1742 A67-24806 #	ASME PAPER 67-HT-57	20 p3447 A67-36739 #
ASME PAPER 67-GT-29	11 p1854 A67-24807 #	ASME PAPER 67-HT-58	20 p3549 A67-36740*#
ASME PAPER 67-GT-47	11 p1742 A67-24808 #	ASME PAPER 67-HT-59	20 p3549 A67-36741 #
ASME PAPER 67-GT-48	11 p1744 A67-24809 #	ASME PAPER 67-HT-60	20 p3549 A67-36742 #
ASME PAPER 67-GT-49	11 p1855 A67-24810 #	ASME PAPER 67-HT-61	20 p3549 A67-36743 #
ASME PAPER 67-GT-55	11 p1808 A67-24811 #	ASME PAPER 67-HT-62	20 p3549 A67-36744*#
ASME PAPER 67-HT-2	20 p3421 A67-36701 #	ASME PAPER 67-HT-63	20 p3549 A67-36745*#
ASME PAPER 67-HT-3	20 p3447 A67-36702 #	ASME PAPER 67-HT-64	20 p3549 A67-36746 #
ASME PAPER 67-HT-4	20 p3544 A67-36703 #	ASME PAPER 67-HT-65	20 p3550 A67-36747 #
ASME PAPER 67-HT-5	20 p3544 A67-36704 #	ASME PAPER 67-HT-67	20 p3550 A67-36748*#
ASME PAPER 67-HT-7	20 p3544 A67-36705 #	ASME PAPER 67-HT-69	20 p3550 A67-36749 #
ASME PAPER 67-HT-8	20 p3544 A67-36706 #	ASME PAPER 67-HT-70	20 p3550 A67-36750*#
ASME PAPER 67-HT-9	20 p3545 A67-36707 #	ASME PAPER 67-HT-71	20 p3550 A67-36751*#
ASME PAPER 67-HT-10	20 p3545 A67-36708 #	ASME PAPER 67-HT-72	20 p3498 A67-36752 #
ASME PAPER 67-HT-11	20 p3545 A67-36709 #	ASME PAPER 67-HT-73	20 p3550 A67-36753 #
ASME PAPER 67-HT-12	20 p3545 A67-36710 #	ASME PAPER 67-HT-74	20 p3550 A67-36754 #
ASME PAPER 67-HT-14	20 p3545 A67-36711 #	ASME PAPER 67-HT-77	20 p3551 A67-36755 #
ASME PAPER 67-HT-16	20 p3545 A67-36712 #	ASME PAPER 67-HT-78	20 p3551 A67-36756 #
ASME PAPER 67-HT-17	20 p3545 A67-36713 #	ASME PAPER 67-HT-79	20 p3551 A67-36757 #
ASME PAPER 67-HT-19	20 p3545 A67-36714 #	ASME PAPER 67-HT-80	20 p3551 A67-36758 #
ASME PAPER 67-HT-20	20 p3546 A67-36715 #	ASME PAPER 67-HT-81	20 p3551 A67-36759 #
ASME PAPER 67-HT-21	20 p3546 A67-36716 #	ASME PAPER 67-LUB-1	24 p4162 A67-42668 #
ASME PAPER 67-HT-22	20 p3546 A67-36717 #	ASME PAPER 67-LUB-5	24 p4162 A67-42669*#
ASME PAPER 67-HT-24	20 p3546 A67-36718 #	ASME PAPER 67-LUB-6	24 p4162 A67-42670 #
ASME PAPER 67-HT-26	20 p3546 A67-36719 #	ASME PAPER 67-LUB-7	24 p4162 A67-42671 #
ASME PAPER 67-HT-27	20 p3546 A67-36720 #	ASME PAPER 67-LUB-8	24 p4162 A67-42672 #
ASME PAPER 67-HT-28	20 p3357 A67-36721*#	ASME PAPER 67-LUB-12	24 p4145 A67-42673*#
ASME PAPER 67-HT-29	20 p3546 A67-36722*#	ASME PAPER 67-LUB-13	24 p4162 A67-42674*#
ASME PAPER 67-HT-33	20 p3547 A67-36723*#	ASME PAPER 67-LUB-14	24 p4163 A67-42675 #
ASME PAPER 67-HT-39	20 p3547 A67-36724 #	ASME PAPER 67-LUB-17	24 p4163 A67-42676*#
ASME PAPER 67-HT-41	20 p3547 A67-36725 #	ASME PAPER 67-LUB-18	24 p4163 A67-42677 #
ASME PAPER 67-HT-44	20 p3547 A67-36726 #	ASME PAPER 67-LUB-20	24 p4163 A67-42678 #
ASME PAPER 67-HT-45	20 p3547 A67-36727 #	ASME PAPER 67-LUB-21	24 p4163 A67-42679*#
ASME PAPER 67-HT-46	20 p3547 A67-36728 #	ASME PAPER 67-LUB-22	24 p4163 A67-42680 #
ASME PAPER 67-HT-47	20 p3547 A67-36729 #	ASME PAPER 67-LUB-23	24 p4163 A67-42681 #
ASME PAPER 67-HT-48	20 p3548 A67-36730 #	ASME PAPER 67-LUB-24	24 p4164 A67-42682 #
ASME PAPER 67-HT-49	20 p3548 A67-36731*#	ASME PAPER 67-LUB-25	24 p4176 A67-42683 #
ASME PAPER 67-HT-50	20 p3548 A67-36732 #	ASME PAPER 67-LUB-26	24 p4164 A67-42684 #
ASME PAPER 67-HT-51	20 p3548 A67-36733*#	ASME PAPER 67-LUB-27	24 p4164 A67-42685 #
ASME PAPER 67-HT-52	20 p3548 A67-36734 #	ASME PAPER 67-LUBS-3	16 p2676 A67-31381 #
ASME PAPER 67-HT-53	20 p3548 A67-36735*#	ASME PAPER 67-LUBS-4	16 p2682 A67-31382 #

MEETING PAPER AND REPORT NUMBER INDEX

ASME PAPER 67-LUBS-5	16 p2682 A67-31383 #	ASME PAPER 67-VIBR-50	11 p1777 A67-24200 #
ASME PAPER 67-MET-4	12 p1956 A67-25948 #	ASME PAPER 67-VIBR-52	11 p1797 A67-24201 #
ASME PAPER 67-MET-5	12 p1956 A67-25949 #	ASME PAPER 67-VIBR-54	11 p1873 A67-24202 #
ASME PAPER 67-MET-9	12 p1956 A67-25950 #	ASME PAPER 67-VIBR-56	11 p1873 A67-24203 #
ASME PAPER 67-MET-12	12 p2030 A67-25951 #	ASME PAPER 67-VIBR-57	11 p1852 A67-24204 #
ASME PAPER 67-MET-14	12 p1945 A67-25952 #	ASME PAPER 67-VIBR-63	11 p1797 A67-24205 #
ASME PAPER 67-MET-18	12 p2031 A67-25954 #	ASME PAPER 67-VIBR-65	11 p1873 A67-24206 #
ASME PAPER 67-MET-19	12 p1956 A67-25955 #	ASME PAPER 67-VIBR-66	11 p1798 A67-24207 #
ASME PAPER 67-VIBR-2	11 p1871 A67-24164 #	ASTM PAPER 1	18 p3066 A67-34567
ASME PAPER 67-VIBR-5	11 p1871 A67-24165 #	ASTM PAPER 2	18 p3070 A67-34568
ASME PAPER 67-VIBR-6	11 p1871 A67-24166 #	ASTM PAPER 3	18 p3067 A67-34569
ASME PAPER 67-VIBR-7	11 p1872 A67-24167 #	ASTM PAPER 6	18 p3067 A67-34571
ASME PAPER 67-VIBR-8	11 p1872 A67-24168 #	ASTM PAPER 7	18 p3067 A67-34572
ASME PAPER 67-VIBR-9	11 p1795 A67-24169 #	ASTM PAPER 8	18 p3067 A67-34573
ASME PAPER 67-VIBR-10	11 p1795 A67-24170 #	ASTM PAPER 9	18 p3067 A67-34574
ASME PAPER 67-VIBR-11	11 p1872 A67-24171 #	ASTM PAPER 10	18 p3070 A67-34575
ASME PAPER 67-VIBR-12	11 p1872 A67-24172 #	ASTM PAPER 15	18 p3067 A67-34576*
ASME PAPER 67-VIBR-13	11 p1795 A67-24173*#	ASTM PAPER 16	18 p3070 A67-34577*
ASME PAPER 67-VIBR-14	11 p1795 A67-24174*#	ASTM PAPER 17	18 p3067 A67-34578*
ASME PAPER 67-VIBR-15	11 p1796 A67-24175 #	ASTM PAPER 31	18 p3068 A67-34579
ASME PAPER 67-VIBR-17	11 p1796 A67-24176 #	ASTM PAPER 42	18 p3068 A67-34580
ASME PAPER 67-VIBR-18	11 p1796 A67-24177 #	ASTM PAPER 44	18 p3145 A67-34581
ASME PAPER 67-VIBR-19	11 p1796 A67-24178 #	ASTM PAPER 52	18 p3068 A67-34582
ASME PAPER 67-VIBR-20	11 p1796 A67-24179 #	ASTM PAPER 53	18 p3068 A67-34583
ASME PAPER 67-VIBR-21	11 p1796 A67-24180 #	ASTM PAPER 54	18 p3070 A67-34584
ASME PAPER 67-VIBR-22	11 p1872 A67-24181 #	ASTME PAPER MR67-141	18 p3054 A67-34175
ASME PAPER 67-VIBR-23	11 p1872 A67-24182 #	ASTME PAPER WES-7-02	11 p1756 A67-24253
ASME PAPER 67-VIBR-25	11 p1872 A67-24183 #	ASTME PAPER WES-7-09	11 p1798 A67-24254
ASME PAPER 67-VIBR-26	11 p1872 A67-24184 #	ASTME PAPER WES-7-10	11 p1798 A67-24255
ASME PAPER 67-VIBR-27	11 p1796 A67-24185 #	ASTME PAPER WES-7-27	11 p1798 A67-24256
ASME PAPER 67-VIBR-28	11 p1797 A67-24186 #	ASTME PAPER WES-7-29	11 p1798 A67-24257
ASME PAPER 67-VIBR-29	11 p1797 A67-24187 #	ASTME PAPER WES-7-51	10 p1660 A67-23006
ASME PAPER 67-VIBR-30	11 p1797 A67-24188 #	ASTME PAPER WES-7-63	10 p1667 A67-23009
ASME PAPER 67-VIBR-31	11 p1777 A67-24189 #	ASTME PAPER WES-7-75	10 p1668 A67-23010
ASME PAPER 67-VIBR-32	11 p1777 A67-24190*#	BHRA PAPER E5	14 p2324 A67-27889 #
ASME PAPER 67-VIBR-34	11 p1851 A67-24191 #	CI PAPER 67-1	19 p3309 A67-34996 #
ASME PAPER 67-VIBR-35	11 p1873 A67-24192 #	CI PAPER 67-2	19 p3309 A67-34997 #
ASME PAPER 67-VIBR-36	11 p1873 A67-24193*#	CI PAPER 67-3	19 p3344 A67-34998 #
ASME PAPER 67-VIBR-39	11 p1777 A67-24194 #	CI PAPER 67-6	19 p3344 A67-35001 #
ASME PAPER 67-VIBR-42	11 p1797 A67-24195 #	CI PAPER 67-7	19 p3345 A67-35002*#
ASME PAPER 67-VIBR-44	11 p1873 A67-24196 #	CI PAPER 67-10	19 p3309 A67-35005 #
ASME PAPER 67-VIBR-47	11 p1797 A67-24197 #	CI PAPER 67-11	19 p3345 A67-35006
ASME PAPER 67-VIBR-48	11 p1777 A67-24198 #	CI PAPER 67-13	19 p3311 A67-35007*#
ASME PAPER 67-VIBR-49	11 p1797 A67-24199 #	CI PAPER 67-14	19 p3309 A67-35008 #

MEETING PAPER AND REPORT NUMBER INDEX

CI PAPER 67-15	19 p3309 A67-35009 #	JPL-TR-32-1021	02 p0320 A67-11459*
CI PAPER 67-23	19 p3345 A67-35013 #	JPL-TR-32-1026	24 p4174 A67-41806*
CU-EE-99	09 p1460 A67-21593	JPL-TR-32-1031	19 p3334 A67-35889*
DOUGLAS PAPER-4452	24 p4240 A67-42388 #	JPL-TR-32-1032	19 p3256 A67-35877*
DVL-479	04 p0602 A67-14509	JPL-TR-32-1038	01 p0019 A67-11146*
DVL-598	03 p0394 A67-13030	JPL-TR-32-1048	09 p1566 A67-22235*
DVL-599	03 p0502 A67-13015	JPL-TR-32-1049	18 p3049 A67-34485*
DVL-601	03 p0503 A67-13014	JPL-TR-32-1051	06 p0961 A67-17943*
DVL-602	03 p0366 A67-12999	JPL-TR-32-1058	08 p1399 A67-21242*
DVL-603	03 p0532 A67-13026	JPL-TR-32-1059	21 p3709 A67-38992*
DVL-604	03 p0394 A67-13029	JPL-TR-32-1063	07 p1138 A67-20192*
DVL-605	03 p0521 A67-13020	JPL-TR-32-1065	05 p0805 A67-16463*
DVL-606	03 p0426 A67-13016	JPL-TR-32-1067	08 p1321 A67-20707*#
DVL-611	02 p0185 A67-12428	JPL-TR-32-1068	08 p1397 A67-21210*
DVL-615	13 p2059 A67-26849	JPL-TR-32-1070	09 p1495 A67-21622*
DVL-620	11 p1747 A67-25035	JPL-TR-32-1071	07 p1184 A67-19391*
DVL-623	11 p1748 A67-25036	JPL-TR-32-1074	24 p4205 A67-42602*
DVL-624	11 p1750 A67-25003	JPL-TR-32-1079	11 p1763 A67-24298*
DVL-625	19 p3278 A67-35135 #	JPL-TR-32-1080	07 p1171 A67-19394*
DVL-626	19 p3280 A67-35146 #	JPL-TR-32-1081	18 p3123 A67-34146*
DVL-627	06 p0944 A67-17627	JPL-TR-32-1087	05 p0901 A67-17201*
DVL-628	13 p2059 A67-26850	JPL-TR-32-1088	07 p1153 A67-19604*
DVL-629	19 p3280 A67-35147 #	JPL-TR-32-1090	08 p1411 A67-20946*
DVL-630	19 p3297 A67-35601 #	JPL-TR-32-1091	09 p1569 A67-22682*#
DVL-631	19 p3297 A67-35600 #	JPL-TR-32-1094	11 p1784 A67-23928*#
DVL-635	24 p4194 A67-41860	JPL-TR-32-1095	24 p4200 A67-41840*
DVL-642	04 p0594 A67-15880	JPL-TR-32-1097	12 p2011 A67-26245*
DVL-644	09 p1536 A67-21557	JPL-TR-32-1098	13 p2144 A67-27358*
ELDO-TM-F-5	24 p4122 A67-42385 #	JPL-TR-32-1099	10 p1626 A67-23150*#
IEEE PAPER 19-CP-65-482	11 p1755 A67-25080	JPL-TR-32-1106	11 p1863 A67-24510*
IEEE PAPER 19-TP-66-1134	23 p3998 A67-40740	JPL-TR-32-1107	13 p2190 A67-26304*#
IEEE PAPER 19-TP-67-1175	23 p3978 A67-40743	JPL-TR-32-1109	14 p2259 A67-28297*
IEEE PAPER 19-TP-67-1262	23 p3972 A67-40741	JPL-TR-32-1115	23 p4062 A67-40733*#
ISA PAPER 12-11-2-66	11 p1795 A67-25060	JPL-TR-32-1116	24 p4097 A67-41804*
JHU-TR-11	10 p1653 A67-22739	JPL-TR-32-1117	14 p2293 A67-28751*
JPL-TR-32-772	07 p1145 A67-19873*	JPL-TR-32-1118	14 p2273 A67-28709*
JPL-TR-32-807	07 p1202 A67-19259	JPL-TR-32-1119	16 p2659 A67-30953*
JPL-TR-32-922	08 p1420 A67-20892*	JPL-TR-32-1120	14 p2273 A67-28710*
JPL-TR-32-939	15 p2516 A67-29131*	JPL-TR-32-1121	20 p3412 A67-37494*
JPL-TR-32-950	08 p1384 A67-20621*	JPL-TR-32-1122	14 p2276 A67-28847*
JPL-TR-32-994	01 p0147 A67-10319*#	JPL-TR-32-1124	13 p2188 A67-26848*#
JPL-TR-32-1006	18 p3145 A67-34486*	JPL-TR-32-1125	17 p2879 A67-32929*
JPL-TR-32-1015	01 p0131 A67-10262*	JPL-TR-32-1126	24 p4118 A67-42601*
JPL-TR-32-1017	01 p0026 A67-10865*	JPL-TR-32-1128	14 p2260 A67-28782*

MEETING PAPER AND REPORT NUMBER INDEX

JPL-TR-32-1129	17 p2802 A67-32049*#	ONERA-TP-441	08 p1275 A67-20498 #
JPL-TR-32-1130	16 p2753 A67-31743*#	ONERA-TP-442	08 p1404 A67-20495 #
JPL-TR-32-1131	07 p1189 A67-19999*	ONERA-TP-446	15 p2554 A67-29376 #
JPL-TR-32-1136	15 p2564 A67-30438*	ONERA-TP-447	15 p2465 A67-29377 #
JPL-TR-32-1137	24 p4177 A67-42711*	ONERA-TP-453	15 p2502 A67-29378 #
JPL-TR-32-1138	24 p4201 A67-41899*	ONERA-TP-454	15 p2416 A67-29379 #
JPL-TR-32-1143	15 p2523 A67-29219*	ONERA-TP-455	15 p2416 A67-29380 #
JPL-TR-32-1144	24 p4118 A67-42326*	ONERA-TP-458	10 p1623 A67-22878
JPL-TR-32-1145	12 p2034 A67-25715*	ONERA-TP-459	10 p1655 A67-22880
JPL-TR-32-1154	18 p3106 A67-34647*	ONERA-TP-460	10 p1663 A67-22881
JPL-TR-32-1156	16 p2746 A67-30931*	ONERA-TP-461	15 p2470 A67-29381 #
JPL-TR-32-1157	13 p2199 A67-26819*#	ONERA-TP-463	18 p3072 A67-34460 #
NAVTRADEVCECEN-IH-72	24 p4114 A67-41809	ONERA-TP-465	15 p2486 A67-29382 #
NOR REPORT 65-239	10 p1593 A67-23454 #	ONERA-TP-466	18 p2998 A67-34461 #
NYU-EM-213	03 p0369 A67-13660 #	ONERA-TP-467	22 p3915 A67-40385
NYU-EM-217	23 p3972 A67-40751 #	ONERA-TP-468	18 p3069 A67-34462
ONERA-TP-271	16 p2758 A67-30653	ONERA-TP-470	18 p3020 A67-34463
ONERA-TP-324	09 p1520 A67-22155 #	ONERA-TP-472	14 p2359 A67-28509
ONERA-TP-326	01 p0053 A67-11002 #	ONERA-TP-474	14 p2377 A67-27895 #
ONERA-TP-327	01 p0054 A67-11003 #	ONERA-TP-475	14 p2404 A67-27896 #
ONERA-TP-352	01 p0110 A67-11088	ONERA-TP-476	14 p2340 A67-27898 #
ONERA-TP-360	01 p0054 A67-11089 #	ONERA-TP-477	14 p2395 A67-27899 #
ONERA-TP-365	05 p0750 A67-17403 #	ONERA-TP-478	18 p2990 A67-34464 #
ONERA-TP-367	05 p0919 A67-16480 #	ONERA-TP-482	18 p3133 A67-34465 #
ONERA-TP-371	05 p0748 A67-16475 #	ONERA-TP-486	17 p2926 A67-32697 #
ONERA-TP-373	01 p0039 A67-10948 #	ONERA-TP-487	17 p2961 A67-32699 #
ONERA-TP-374	01 p0039 A67-11004 #	RASSA PAPER 1-10-124	03 p0416 A67-14235 #
ONERA-TP-379	01 p0054 A67-11092 #	RASSA PAPER 1-10-125	03 p0416 A67-14236 #
ONERA-TP-386	05 p0786 A67-16476 #	RASSA PAPER 1-10-126	03 p0416 A67-14237 #
ONERA-TP-388	05 p0751 A67-16477 #	RASSA PAPER 1-10-127	03 p0372 A67-14238 #
ONERA-TP-390	01 p0011 A67-11093 #	RASSA PAPER 1-10-128	03 p0372 A67-14239 #
ONERA-TP-405	05 p0919 A67-16478 #	RASSA PAPER 1-10-129	03 p0417 A67-14240 #
ONERA-TP-407	05 p0833 A67-16479 #	RASSA PAPER 1-10-130	03 p0417 A67-14241 #
ONERA-TP-411	05 p0792 A67-16934 #	RASSA PAPER 1-10-131	03 p0417 A67-14242 #
ONERA-TP-412	09 p1439 A67-22588	RASSA PAPER 1-10-132	03 p0417 A67-14243*#
ONERA-TP-412	15 p2576 A67-30125	RASSA PAPER 1-10-133	03 p0372 A67-14244 #
ONERA-TP-416	05 p0748 A67-16481 #	RASSA PAPER 1-10-134	03 p0373 A67-14245*#
ONERA-TP-417	05 p0748 A67-16482 #	RASSA PAPER 1-10-135	03 p0417 A67-14246 #
ONERA-TP-418	05 p0751 A67-16483 #	RASSA PAPER 1-10-139	03 p0373 A67-14247 #
ONERA-TP-420	02 p0320 A67-11494	RASSA PAPER 1-10-140	03 p0417 A67-14248 #
ONERA-TP-422	09 p1574 A67-21848	RASSA PAPER 1-10-141	03 p0417 A67-14249 #
ONERA-TP-423	09 p1519 A67-22156 #	RASSA PAPER 1-10-142	03 p0417 A67-14250 #
ONERA-TP-424	02 p0279 A67-12794	RASSA PAPER 1-10-144	03 p0418 A67-14251 #
ONERA-TP-425	05 p0748 A67-16762	RASSA PAPER 1-10-145	03 p0373 A67-14252 #

MEETING PAPER AND REPORT NUMBER INDEX

RASSA PAPER 1-10-146	03 p0373 A67-14253 #	SAE PAPER 660681	01 p0154 A67-10585
RASSA PAPER 1-10-147	03 p0373 A67-14254 #	SAE PAPER 660682	01 p0049 A67-10587
RASSA PAPER 1-10-148	03 p0373 A67-14255 #	SAE PAPER 660683	01 p0161 A67-10586
RE-TR-67-7	15 p2518 A67-29769	SAE PAPER 660684	01 p0154 A67-10588
SAE PAPER 660066	01 p0078 A67-10569 #	SAE PAPER 660685	01 p0154 A67-10589
SAE PAPER 660296	07 p1129 A67-19624 #	SAE PAPER 660686	01 p0169 A67-10590
SAE PAPER 660336	04 p0552 A67-15611 #	SAE PAPER 660687	01 p0169 A67-10591
SAE PAPER 660353	01 p0078 A67-10567	SAE PAPER 660688	01 p0049 A67-10592
SAE PAPER 660461	01 p0153 A67-10568	SAE PAPER 660691	04 p0740 A67-15790
SAE PAPER 660576	01 p0010 A67-10570	SAE PAPER 660692	01 p0050 A67-10621
SAE PAPER 660634	01 p0078 A67-10608 #	SAE PAPER 660694	01 p0050 A67-10622
SAE PAPER 660638	04 p0642 A67-15788*	SAE PAPER 660696	01 p0049 A67-10593
SAE PAPER 660640	04 p0642 A67-15787	SAE PAPER 660700	01 p0049 A67-10594
SAE PAPER 660642	04 p0642 A67-15786	SAE PAPER 660701	01 p0010 A67-10595
SAE PAPER 660646	01 p0078 A67-10609	SAE PAPER 660702	01 p0049 A67-10596
SAE PAPER 660647	01 p0079 A67-10610	SAE PAPER 660704	01 p0049 A67-10597
SAE PAPER 660650	01 p0079 A67-10611 #	SAE PAPER 660705	01 p0050 A67-10598
SAE PAPER 660651	01 p0079 A67-10612	SAE PAPER 660706	01 p0050 A67-10599
SAE PAPER 660652	01 p0094 A67-10613	SAE PAPER 660707	01 p0169 A67-10623
SAE PAPER 660653	04 p0630 A67-15785	SAE PAPER 660708	01 p0013 A67-10600
SAE PAPER 660654	01 p0103 A67-10614	SAE PAPER 660710	01 p0139 A67-10624
SAE PAPER 660656	01 p0094 A67-10615	SAE PAPER 660711	01 p0013 A67-10601
SAE PAPER 660657	01 p0103 A67-10616*	SAE PAPER 660712	12 p1988 A67-26163 #
SAE PAPER 660659	01 p0094 A67-10617	SAE PAPER 660714	01 p0140 A67-10603
SAE PAPER 660660	01 p0094 A67-10618	SAE PAPER 660715	01 p0028 A67-10604
SAE PAPER 660661	01 p0103 A67-10619 #	SAE PAPER 660716	01 p0028 A67-10605
SAE PAPER 660662	01 p0094 A67-10571	SAE PAPER 660717	01 p0139 A67-10606
SAE PAPER 660664	01 p0103 A67-10572	SAE PAPER 660719	04 p0716 A67-15782*
SAE PAPER 660665	01 p0094 A67-10573	SAE PAPER 660720	01 p0161 A67-10607*
SAE PAPER 660666	01 p0094 A67-10574	SAE PAPER 660721	01 p0010 A67-10625
SAE PAPER 660667	01 p0010 A67-10575	SAE PAPER 660722	01 p0169 A67-10626
SAE PAPER 660668	04 p0552 A67-15784	SAE PAPER 660724	04 p0740 A67-15780
SAE PAPER 660669	01 p0010 A67-10576	SAE PAPER 660725	01 p0154 A67-10627
SAE PAPER 660669	07 p1131 A67-20232 #	SAE PAPER 660728	01 p0169 A67-10628
SAE PAPER 660670	01 p0160 A67-10577	SAE PAPER 660729	01 p0170 A67-10629
SAE PAPER 660671	01 p0160 A67-10578	SAE PAPER 660730	01 p0170 A67-10630
SAE PAPER 660672	01 p0153 A67-10579	SAE PAPER 660731	01 p0170 A67-10631
SAE PAPER 660673	01 p0153 A67-10580*	SAE PAPER 660732	01 p0140 A67-10632
SAE PAPER 660674	04 p0716 A67-15783	SAE PAPER 660733	01 p0140 A67-10633 #
SAE PAPER 660675	01 p0094 A67-10581	SAE PAPER 660734	01 p0140 A67-10634 #
SAE PAPER 660677	01 p0160 A67-10582	SAE PAPER 660735	04 p0690 A67-15779
SAE PAPER 660678	04 p0716 A67-15789	SAE PAPER 660736	01 p0140 A67-10635
SAE PAPER 660679	01 p0161 A67-10583	SAE PAPER 660737	01 p0140 A67-10636
SAE PAPER 660680	01 p0154 A67-10584	SAE PAPER 660738	01 p0140 A67-10637

MEETING PAPER AND REPORT NUMBER INDEX

SAE PAPER 670059	09 p1508 A67-22533	SAE PAPER 670264	11 p1884 A67-23987
SAE PAPER 670060	09 p1508 A67-22534	SAE PAPER 670265	11 p1885 A67-23988
SAE PAPER 670061	09 p1508 A67-22535	SAE PAPER 670267	12 p1899 A67-25511
SAE PAPER 670062	09 p1508 A67-22536	SAE PAPER 670269	12 p1895 A67-25867 #
SAE PAPER 670064	09 p1560 A67-22537 #	SAE PAPER 670316	17 p2929 A67-32978
SAE PAPER 670095	09 p1508 A67-22538	SAE PAPER 670317	17 p2929 A67-32979
SAE PAPER 670096	09 p1509 A67-22539	SAE PAPER 670318	12 p1990 A67-25886
SAE PAPER 670098	09 p1509 A67-22540	SAE PAPER 670319	17 p2835 A67-32980
SAE PAPER 670139	09 p1559 A67-21770	SAE PAPER 670320	17 p2835 A67-32981
SAE PAPER 670140	09 p1560 A67-22541	SAE PAPER 670322	12 p1925 A67-25868
SAE PAPER 670151	09 p1502 A67-21771	SAE PAPER 670325	12 p1895 A67-25869
SAE PAPER 670152	09 p1509 A67-22542	SAE PAPER 670326	17 p2929 A67-32982
SAE PAPER 670153	09 p1509 A67-22543	SAE PAPER 670327	17 p2860 A67-32983
SAE PAPER 670154	09 p1502 A67-21772	SAE PAPER 670328	12 p1964 A67-25870 #
SAE PAPER 670157	09 p1561 A67-22544	SAE PAPER 670329	12 p1964 A67-25871 #
SAE PAPER 670196	24 p4097 A67-41986	SAE PAPER 670330	12 p1990 A67-25872
SAE PAPER 670201	09 p1561 A67-22545	SAE PAPER 670331	17 p2929 A67-32984
SAE PAPER 670205	12 p1987 A67-25866	SAE PAPER 670332	12 p1925 A67-25873
SAE PAPER 670228	13 p2053 A67-27294	SAE PAPER 670333	12 p1958 A67-25874
SAE PAPER 670231	12 p2040 A67-25491	SAE PAPER 670334	12 p1990 A67-25875
SAE PAPER 670234	11 p1851 A67-23981 #	SAE PAPER 670335	17 p2874 A67-32985
SAE PAPER 670235	12 p1989 A67-25493	SAE PAPER 670336	17 p2874 A67-32986
SAE PAPER 670236	12 p1989 A67-25494	SAE PAPER 670337	17 p2835 A67-32987*
SAE PAPER 670237	12 p1989 A67-25495	SAE PAPER 670338	12 p1895 A67-25877 #
SAE PAPER 670241	13 p2054 A67-27295 #	SAE PAPER 670339	12 p1950 A67-25876
SAE PAPER 670243	12 p1894 A67-25498	SAE PAPER 670340	12 p1895 A67-25878
SAE PAPER 670244	12 p1894 A67-25499	SAE PAPER 670343	12 p2041 A67-25879
SAE PAPER 670245	12 p1894 A67-25500	SAE PAPER 670344	17 p2929 A67-32988
SAE PAPER 670246	12 p1895 A67-25501 #	SAE PAPER 670345	12 p1990 A67-25880
SAE PAPER 670248	12 p1989 A67-25502	SAE PAPER 670347	17 p2865 A67-32989
SAE PAPER 670249	11 p1811 A67-23982	SAE PAPER 670348	17 p2798 A67-32990
SAE PAPER 670250	11 p1745 A67-23983	SAE PAPER 670349	17 p2798 A67-32991
SAE PAPER 670251	11 p1758 A67-23984	SAE PAPER 670352	17 p2929 A67-32992
SAE PAPER 670252	12 p1905 A67-25503	SAE PAPER 670353	17 p2929 A67-32993
SAE PAPER 670253	11 p1758 A67-23985	SAE PAPER 670354	17 p2798 A67-32994
SAE PAPER 670254	12 p1941 A67-25504	SAE PAPER 670356	17 p2974 A67-32995
SAE PAPER 670255	12 p1895 A67-25505 #	SAE PAPER 670357	17 p2975 A67-32996
SAE PAPER 670256	12 p1941 A67-25506	SAE PAPER 670358	23 p4048 A67-40866 #
SAE PAPER 670257	12 p2016 A67-25507	SAE PAPER 670358	17 p2930 A67-32997
SAE PAPER 670259	12 p2016 A67-25508	SAE PAPER 670359	17 p2861 A67-32998
SAE PAPER 670260	12 p1895 A67-25509	SAE PAPER 670360	17 p2835 A67-32999
SAE PAPER 670261	13 p2054 A67-27296	SAE PAPER 670361	12 p1945 A67-25881
SAE PAPER 670262	12 p1899 A67-25510	SAE PAPER 670362	12 p1950 A67-25882
SAE PAPER 670263	11 p1789 A67-23986	SAE PAPER 670363	17 p2930 A67-33000

MEETING PAPER AND REPORT NUMBER INDEX

SAE PAPER 670364	17 p2927 A67-33001	SAM-TR-66-264	24 p4111 A67-41841 #
SAE PAPER 670365	12 p1988 A67-25885	SAM-TR-66-296	07 p1134 A67-19857
SAE PAPER 670366	12 p1987 A67-25884	SAM-TR-66-305	09 p1453 A67-21730 #
SAE PAPER 670367	18 p3111 A67-33567	SAM-TR-66-305	10 p1600 A67-23826
SAE PAPER 670368	12 p1987 A67-25883	SESA PAPER 1175	18 p3143 A67-33901
SAE PAPER 670369	17 p2927 A67-33002	SESA PAPER 1191	18 p3141 A67-33886*#
SAE PAPER 670370	18 p2985 A67-33568	SESA PAPER 1194	18 p3142 A67-33899 #
SAE PAPER 670371	18 p2985 A67-33569	SESA PAPER 1209	18 p3142 A67-33896 #
SAE PAPER 670373	17 p2798 A67-33003	SESA PAPER 1214	18 p3142 A67-33895 #
SAE PAPER 670686	24 p4093 A67-41987	SESA PAPER 1219	18 p3141 A67-33889 #
SAE PAPER 670803	24 p4159 A67-41990	SESA PAPER 1224	18 p3142 A67-33891 #
SAE PAPER 670805	24 p4159 A67-41991	SMPTE PAPER 101-43	12 p1904 A67-25461
SAE PAPER 670825	24 p4159 A67-41989	SMPTE PAPER 101-45	12 p1940 A67-25463
SAE PAPER 670827	24 p4093 A67-41992	SMPTE PAPER 101-46	12 p1940 A67-25464
SAE PAPER 670833	24 p4257 A67-41993	SMPTE PAPER 101-47	12 p1940 A67-25465*
SAE PAPER 670838	24 p4252 A67-41994	SMPTE PAPER 101-49	12 p1941 A67-25467
SAE PAPER 670839	24 p4114 A67-41995	SMPTE PAPER 101-51	12 p1914 A67-25471
SAE PAPER 670842	24 p4115 A67-41996*	SMPTE PAPER 101-53	12 p1904 A67-25468*
SAE PAPER 670844	24 p4115 A67-41997*	SMPTE PAPER 101-54	12 p1920 A67-25469
SAE PAPER 670845	24 p4091 A67-41998	SMPTE PAPER 101-56	12 p2011 A67-25472
SAE PAPER 670846	24 p4093 A67-41999	SMPTE PAPER 101-89	12 p1941 A67-25473
SAE PAPER 670849	24 p4115 A67-42000	SMPTE PAPER 101-90	12 p1905 A67-25474
SAE PAPER 670852	24 p4115 A67-42001	SMPTE PAPER 101-91	12 p1905 A67-25475
SAE PAPER 670854	24 p4115 A67-42002*	SMPTE PAPER 102-27	22 p3908 A67-40371
SAE PAPER 670856	24 p4160 A67-42003	SMPTE PAPER 102-32	22 p3807 A67-40373
SAE PAPER 670862	24 p4172 A67-42004	SMPTE PAPER 102-39	22 p3808 A67-40377
SAE PAPER 670865	24 p4207 A67-42005	SMPTE PAPER 102-40	22 p3808 A67-40378
SAE PAPER 670866	24 p4206 A67-42006	SMPTE PAPER 102-41	22 p3808 A67-40379
SAE PAPER 670869	24 p4206 A67-42007	SMPTE PAPER 102-47	22 p3808 A67-40380
SAE PAPER 670871	24 p4207 A67-42008	SMPTE PREPRINT 100-3	03 p0469 A67-13802*
SAE PAPER 670872	24 p4207 A67-42009	SMPTE PREPRINT 100-6	03 p0438 A67-13801
SAE PAPER 670873	24 p4248 A67-42010	SMPTE PREPRINT 100-9	03 p0423 A67-13803
SAE PAPER 670874	24 p4248 A67-42011	SMPTE PREPRINT 100-10	03 p0423 A67-13804
SAE PAPER 670878	24 p4094 A67-42012	SMPTE PREPRINT 100-13	03 p0376 A67-13805
SAE PAPER 670879	24 p4094 A67-42013	SMPTE PREPRINT 100-34	03 p0469 A67-13808
SAE PAPER 670880	24 p4094 A67-42014	SMPTE PREPRINT 100-40	03 p0423 A67-13806*
SAE PAPER 670881	24 p4094 A67-42015	SMPTE PREPRINT 100-59	03 p0423 A67-13807
SAE PAPER 670882	24 p4094 A67-42016	SR-1	20 p3434 A67-37430*
SAE PAPER 670883	24 p4160 A67-42017	SR-1	13 p2162 A67-26281*
SAE PAPER 670884	24 p4098 A67-42018	SR-2	13 p2107 A67-26301*#
SAE PAPER 670901	24 p4257 A67-42019	SR-2	09 p1460 A67-21593
SAE PAPER 670902	24 p4094 A67-42020	SR-4	15 p2518 A67-29767
SAM-TR-65-329	24 p4110 A67-41801	SR-15	24 p4222 A67-41767
SAM-TR-66-258	24 p4111 A67-41802 #	SR-16	20 p3435 A67-37675*

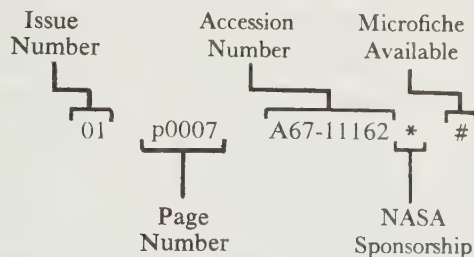
MEETING PAPER AND REPORT NUMBER INDEX

SRCC-43	19 p3193 A67-35314*#
SRCC-55	17 p2888 A67-32826
TG-912	24 p4254 A67-42386 #
TR-67-114	16 p2626 A67-31347
TR-750-7	17 p2807 A67-32630
UCC/DSSD-267	24 p4190 A67-41805*
WIS-TCI-249	24 p4191 A67-42666*
WSCI PAPER 66-3	22 p3919 A67-40224*

LIST OF ACCESSION NUMBERS

The list of IAA accession numbers may be used to locate a specific item. Accession numbers are arranged in ascending order, and each is preceded by a number which identifies the issue of *International Aerospace Abstracts*, and the page number on which an accession is located. The asterisk (*) indicates NASA-supported work. When a number sign (#) is present, it indicates that the document is available on microfiche.

To illustrate:



01 p0032 A67-10001	01 p0008 A67-10032 #	01 p0127 A67-10063 #	01 p0128 A67-10094	01 p0108 A67-10130 #
01 p0032 A67-10002	01 p0008 A67-10033 #	01 p0127 A67-10064 #	01 p0128 A67-10095	01 p0112 A67-10131 #
01 p0086 A67-10003*	01 p0077 A67-10034 #	01 p0086 A67-10065 #	01 p0128 A67-10096	01 p0108 A67-10132 #
01 p0032 A67-10004	01 p0008 A67-10035 #	01 p0086 A67-10066 #	01 p0129 A67-10097	01 p0119 A67-10133 #
01 p0032 A67-10005	01 p0009 A67-10036 #	01 p0086 A67-10067 #	01 p0129 A67-10098	01 p0119 A67-10134 #
01 p0032 A67-10006	01 p0055 A67-10037*#	01 p0127 A67-10068 #	01 p0129 A67-10099	01 p0034 A67-10135 #
01 p0020 A67-10007	01 p0056 A67-10038*#	01 p0086 A67-10069 #	01 p0093 A67-10100	01 p0119 A67-10136 #
01 p0032 A67-10008	01 p0056 A67-10039*#	01 p0127 A67-10070 #	01 p0087 A67-10101	01 p0129 A67-10137 #
01 p0032 A67-10009	01 p0056 A67-10040 #	01 p0086 A67-10071 #	01 p0129 A67-10102	01 p0129 A67-10138 #
01 p0032 A67-10010	01 p0056 A67-10041 #	01 p0127 A67-10072 #	01 p0129 A67-10103	01 p0020 A67-10139 #
01 p0032 A67-10011	01 p0143 A67-10042	01 p0127 A67-10073 #	01 p0129 A67-10104	01 p0115 A67-10140
01 p0086 A67-10012	01 p0118 A67-10043 #	01 p0127 A67-10074 #	01 p0018 A67-10105*	01 p0116 A67-10141*
01 p0033 A67-10013	01 p0118 A67-10044 #	01 p0086 A67-10075 #	01 p0034 A67-10106	01 p0112 A67-10142*
01 p0020 A67-10014*	01 p0118 A67-10045 #	01 p0128 A67-10076 #	01 p0020 A67-10107	01 p0112 A67-10143*
01 p0033 A67-10015	01 p0139 A67-10046 #	01 p0087 A67-10077 #	01 p0056 A67-10108	01 p0112 A67-10144
01 p0033 A67-10016	01 p0118 A67-10047 #	01 p0128 A67-10078 #	01 p0056 A67-10109	01 p0116 A67-10145
01 p0033 A67-10017	01 p0165 A67-10048 #	01 p0128 A67-10079 #	01 p0056 A67-10110	01 p0129 A67-10146
01 p0061 A67-10018	01 p0011 A67-10049 #	01 p0087 A67-10080 #	01 p0056 A67-10111	01 p0119 A67-10147*
01 p0020 A67-10019	01 p0011 A67-10050 #	01 p0128 A67-10081 #	01 p0056 A67-10112	01 p0020 A67-10148
01 p0020 A67-10020	01 p0166 A67-10051 #	01 p0128 A67-10082 #	01 p0057 A67-10113	01 p0129 A67-10149
01 p0033 A67-10021	01 p0126 A67-10052	01 p0087 A67-10083 #	01 p0107 A67-10114	01 p0129 A67-10150
01 p0028 A67-10022*	01 p0092 A67-10053*	01 p0128 A67-10084	01 p0107 A67-10115	01 p0129 A67-10151
01 p0086 A67-10023	01 p0092 A67-10054	01 p0087 A67-10085	01 p0143 A67-10116	01 p0087 A67-10152*
01 p0033 A67-10024	01 p0092 A67-10055*	01 p0128 A67-10086	01 p0057 A67-10117	01 p0130 A67-10153
01 p0033 A67-10025	01 p0092 A67-10056	01 p0087 A67-10087	01 p0107 A67-10118	01 p0130 A67-10154
01 p0033 A67-10026	01 p0092 A67-10057	01 p0087 A67-10088	01 p0077 A67-10119*	01 p0034 A67-10155
01 p0033 A67-10027	01 p0092 A67-10058*	01 p0128 A67-10089	01 p0077 A67-10120	01 p0062 A67-10156
01 p0033 A67-10028	01 p0092 A67-10059	01 p0034 A67-10090	01 p0077 A67-10121	01 p0104 A67-10157
01 p0033 A67-10029	01 p0093 A67-10060	01 p0128 A67-10091	01 p0077 A67-10122	01 p0104 A67-10158
01 p0008 A67-10030 #	01 p0127 A67-10061 #	01 p0093 A67-10092	01 p0077 A67-10123	01 p0034 A67-10159
01 p0008 A67-10031 #	01 p0127 A67-10062 #	01 p0128 A67-10093	01 p0077 A67-10124	01 p0062 A67-10160
			01 p0107 A67-10125 #	01 p0087 A67-10161
			01 p0107 A67-10126 #	01 p0087 A67-10162
			01 p0062 A67-10127 #	01 p0062 A67-10163
			01 p0108 A67-10128 #	01 p0062 A67-10164
			01 p0108 A67-10129 #	01 p0034 A67-10165

ACCESSION NUMBER INDEX

01 p0078 A67-10166	01 p0139 A67-10211	01 p0005 A67-10256 #	01 p0093 A67-10301	01 p0122 A67-10346 #
01 p0011 A67-10167	01 p0048 A67-10212	01 p0121 A67-10257	01 p0048 A67-10302	01 p0122 A67-10347 #
01 p0119 A67-10168 #	01 p0021 A67-10213	01 p0005 A67-10258	01 p0049 A67-10303	01 p0122 A67-10348 #
01 p0119 A67-10169 #	01 p0157 A67-10214	01 p0005 A67-10259	01 p0078 A67-10304	01 p0122 A67-10349 #
01 p0119 A67-10170 #	01 p0158 A67-10215 #	01 p0088 A67-10260	01 p0012 A67-10305	01 p0122 A67-10350 #
01 p0119 A67-10171 #	01 p0158 A67-10216 #	01 p0057 A67-10261	01 p0021 A67-10306	01 p0122 A67-10351 #
01 p0119 A67-10172 #	01 p0158 A67-10217 #	01 p0131 A67-10262*	01 p0057 A67-10307	01 p0022 A67-10352 #
01 p0119 A67-10173 #	01 p0158 A67-10218 #	01 p0103 A67-10263	01 p0058 A67-10308*#	01 p0012 A67-10353 #
01 p0120 A67-10174 #	01 p0158 A67-10219 #	01 p0168 A67-10264	01 p0058 A67-10309*#	01 p0113 A67-10354 #
01 p0120 A67-10175 #	01 p0102 A67-10220 #	01 p0005 A67-10265	01 p0058 A67-10310 #	01 p0063 A67-10355 #
01 p0011 A67-10176 #	01 p0158 A67-10221 #	01 p0110 A67-10266	01 p0058 A67-10311 #	01 p0122 A67-10356 #
01 p0011 A67-10177 #	01 p0158 A67-10222 #	01 p0153 A67-10267*	01 p0058 A67-10312 #	01 p0147 A67-10357 #
01 p0012 A67-10178 #	01 p0158 A67-10223 #	01 p0168 A67-10268	01 p0063 A67-10313 #	01 p0147 A67-10358 #
01 p0120 A67-10179 #	01 p0159 A67-10224 #	01 p0168 A67-10269	01 p0108 A67-10314 #	01 p0116 A67-10359 #
01 p0120 A67-10180 #	01 p0108 A67-10225	01 p0078 A67-10270	01 p0108 A67-10315 #	01 p0147 A67-10360 #
01 p0120 A67-10181 #	01 p0108 A67-10226	01 p0034 A67-10271	01 p0059 A67-10316 #	01 p0089 A67-10361 #
01 p0120 A67-10182 #	01 p0121 A67-10227	01 p0034 A67-10272	01 p0021 A67-10317*#	01 p0089 A67-10362 #
01 p0120 A67-10183 #	01 p0051 A67-10228	01 p0034 A67-10273	01 p0146 A67-10318*#	01 p0123 A67-10363 #
01 p0120 A67-10184 #	01 p0166 A67-10229	01 p0062 A67-10274	01 p0147 A67-10319*#	01 p0166 A67-10364 #
01 p0120 A67-10185 #	01 p0121 A67-10230	01 p0159 A67-10275 #	01 p0108 A67-10320 #	01 p0166 A67-10365 #
01 p0120 A67-10186 #	01 p0087 A67-10231	01 p0159 A67-10276 #	01 p0109 A67-10321 #	01 p0060 A67-10366 #
01 p0012 A67-10187 #	01 p0146 A67-10232	01 p0005 A67-10277 #	01 p0059 A67-10322 #	01 p0131 A67-10367
01 p0012 A67-10188 #	01 p0057 A67-10233	01 p0159 A67-10278 #	01 p0063 A67-10323 #	01 p0131 A67-10368
01 p0121 A67-10189 #	01 p0087 A67-10234	01 p0104 A67-10279 #	01 p0021 A67-10324 #	01 p0131 A67-10369
01 p0121 A67-10190 #	01 p0121 A67-10235	01 p0104 A67-10280 #	01 p0147 A67-10325 #	01 p0089 A67-10370
01 p0012 A67-10191 #	01 p0043 A67-10236	01 p0005 A67-10281 #	01 p0168 A67-10326*#	01 p0131 A67-10371
01 p0062 A67-10192 #	01 p0043 A67-10237	01 p0159 A67-10282 #	01 p0063 A67-10327 #	01 p0132 A67-10372
01 p0062 A67-10193 #	01 p0043 A67-10238	01 p0062 A67-10283 #	01 p0059 A67-10328 #	01 p0089 A67-10373
01 p0062 A67-10194 #	01 p0043 A67-10239	01 p0063 A67-10284 #	01 p0059 A67-10329*#	01 p0132 A67-10374
01 p0062 A67-10195 #	01 p0043 A67-10240	01 p0113 A67-10285 #	01 p0059 A67-10330*#	01 p0132 A67-10375
01 p0130 A67-10196	01 p0044 A67-10241	01 p0104 A67-10286 #	01 p0059 A67-10331 #	01 p0132 A67-10376
01 p0130 A67-10197	01 p0044 A67-10242	01 p0104 A67-10287 #	01 p0059 A67-10332 #	01 p0132 A67-10377
01 p0130 A67-10198	01 p0088 A67-10243	01 p0113 A67-10288 #	01 p0021 A67-10333*#	01 p0166 A67-10378
01 p0130 A67-10199	01 p0088 A67-10244	01 p0104 A67-10289 #	01 p0021 A67-10334 #	01 p0147 A67-10379
01 p0020 A67-10200 #	01 p0088 A67-10245	01 p0113 A67-10290 #	01 p0060 A67-10335 #	01 p0147 A67-10380
01 p0043 A67-10201 #	01 p0088 A67-10246	01 p0093 A67-10291 #	01 p0015 A67-10336 #	01 p0148 A67-10381
01 p0043 A67-10202 #	01 p0088 A67-10247	01 p0093 A67-10292 #	01 p0116 A67-10337*	01 p0148 A67-10382 #
01 p0116 A67-10203*	01 p0121 A67-10248	01 p0057 A67-10293	01 p0116 A67-10338	01 p0148 A67-10383
01 p0130 A67-10204	01 p0146 A67-10249	01 p0146 A67-10294*	01 p0131 A67-10339	01 p0148 A67-10384
01 p0093 A67-10205	01 p0108 A67-10250	01 p0103 A67-10295*	01 p0131 A67-10340	01 p0148 A67-10385*
01 p0116 A67-10206	01 p0088 A67-10251	01 p0034 A67-10296*	01 p0131 A67-10341	01 p0148 A67-10386
01 p0021 A67-10207	01 p0103 A67-10252	01 p0131 A67-10297*	01 p0121 A67-10342 #	01 p0148 A67-10387*
01 p0152 A67-10208	01 p0130 A67-10253	01 p0131 A67-10298 #	01 p0121 A67-10343 #	01 p0148 A67-10388*
01 p0146 A67-10209	01 p0143 A67-10254	01 p0078 A67-10299 #	01 p0122 A67-10344 #	01 p0123 A67-10389 #
01 p0153 A67-10210	01 p0146 A67-10255 #	01 p0088 A67-10300 #	01 p0122 A67-10345 #	01 p0022 A67-10390 #

ACCESSION NUMBER INDEX

01 p0022 A67-10391 #	01 p0035 A67-10436	01 p0023 A67-10481	01 p0009 A67-10526 #	01 p0094 A67-10571
01 p0035 A67-10392 #	01 p0035 A67-10437	01 p0037 A67-10482	01 p0169 A67-10527 #	01 p0103 A67-10572
01 p0022 A67-10393 #	01 p0036 A67-10438	01 p0044 A67-10483	01 p0169 A67-10528 #	01 p0094 A67-10573
01 p0035 A67-10394 #	01 p0036 A67-10439	01 p0037 A67-10484	01 p0169 A67-10529 #	01 p0094 A67-10574
01 p0089 A67-10395 #	01 p0036 A67-10440	01 p0023 A67-10485	01 p0009 A67-10530 #	01 p0010 A67-10575
01 p0089 A67-10396 #	01 p0123 A67-10441	01 p0023 A67-10486	01 p0012 A67-10531 #	01 p0010 A67-10576
01 p0035 A67-10397 #	01 p0123 A67-10442	01 p0133 A67-10487	01 p0049 A67-10532 #	01 p0160 A67-10577
01 p0035 A67-10398 #	01 p0022 A67-10443	01 p0015 A67-10488*	01 p0009 A67-10533 #	01 p0160 A67-10578
01 p0035 A67-10399 #	01 p0036 A67-10444	01 p0110 A67-10489*	01 p0009 A67-10534 #	01 p0153 A67-10579
01 p0159 A67-10400*	01 p0089 A67-10445	01 p0044 A67-10490 #	01 p0009 A67-10535 #	01 p0153 A67-10580*
01 p0159 A67-10401	01 p0022 A67-10446	01 p0044 A67-10491 #	01 p0009 A67-10536 #	01 p0094 A67-10581
01 p0159 A67-10402	01 p0089 A67-10447	01 p0044 A67-10492 #	01 p0009 A67-10537 #	01 p0160 A67-10582
01 p0159 A67-10403	01 p0089 A67-10448	01 p0044 A67-10493 #	01 p0010 A67-10538 #	01 p0161 A67-10583
01 p0160 A67-10404	01 p0036 A67-10449	01 p0023 A67-10494 #	01 p0049 A67-10539	01 p0154 A67-10584
01 p0113 A67-10405	01 p0028 A67-10450*	01 p0028 A67-10495 #	01 p0123 A67-10540 #	01 p0154 A67-10585
01 p0113 A67-10406	01 p0036 A67-10451	01 p0012 A67-10496 #	01 p0028 A67-10541 #	01 p0161 A67-10586
01 p0160 A67-10407	01 p0022 A67-10452 #	01 p0044 A67-10497 #	01 p0105 A67-10542 #	01 p0049 A67-10587
01 p0160 A67-10408	01 p0023 A67-10453 #	01 p0023 A67-10498	01 p0143 A67-10543 #	01 p0154 A67-10588
01 p0078 A67-10409	01 p0153 A67-10454 #	01 p0024 A67-10499	01 p0037 A67-10544 #	01 p0154 A67-10589
01 p0035 A67-10410	01 p0132 A67-10455 #	01 p0024 A67-10500	01 p0006 A67-10545 #	01 p0169 A67-10590
01 p0153 A67-10411	01 p0132 A67-10456 #	01 p0064 A67-10501*	01 p0093 A67-10546 #	01 p0169 A67-10591
01 p0015 A67-10412*	01 p0051 A67-10457 #	01 p0060 A67-10502*#	01 p0133 A67-10547 #	01 p0049 A67-10592
01 p0022 A67-10413 #	01 p0051 A67-10458 #	01 p0089 A67-10503 #	01 p0090 A67-10548 #	01 p0049 A67-10593
01 p0035 A67-10414 #	01 p0123 A67-10459 #	01 p0018 A67-10504 #	01 p0090 A67-10549 #	01 p0049 A67-10594
01 p0063 A67-10415 #	01 p0052 A67-10460 #	01 p0166 A67-10505 #	01 p0090 A67-10550 #	01 p0010 A67-10595
01 p0063 A67-10416 #	01 p0123 A67-10461 #	01 p0148 A67-10506 #	01 p0166 A67-10551	01 p0049 A67-10596
01 p0064 A67-10417 #	01 p0028 A67-10462	01 p0113 A67-10507 #	01 p0012 A67-10552	01 p0049 A67-10597
01 p0064 A67-10418 #	01 p0036 A67-10463	01 p0123 A67-10508 #	01 p0013 A67-10553	01 p0050 A67-10598
01 p0064 A67-10419 #	01 p0023 A67-10464	01 p0116 A67-10509 #	01 p0013 A67-10554	01 p0050 A67-10599
01 p0110 A67-10420 #	01 p0044 A67-10465	01 p0133 A67-10510 #	01 p0013 A67-10555	01 p0013 A67-10600
01 p0064 A67-10421 #	01 p0036 A67-10466	01 p0090 A67-10511 #	01 p0013 A67-10556	01 p0013 A67-10601
01 p0064 A67-10422 #	01 p0132 A67-10467	01 p0090 A67-10512 #	01 p0013 A67-10557	01 p0139 A67-10602
01 p0022 A67-10423 #	01 p0023 A67-10468	01 p0090 A67-10513 #	01 p0049 A67-10558 #	01 p0140 A67-10603
01 p0064 A67-10424 #	01 p0023 A67-10469	01 p0078 A67-10514	01 p0006 A67-10559 #	01 p0028 A67-10604
01 p0153 A67-10425	01 p0113 A67-10470	01 p0105 A67-10515	01 p0160 A67-10560 #	01 p0028 A67-10605
01 p0148 A67-10426*	01 p0023 A67-10471	01 p0160 A67-10516	01 p0160 A67-10561 #	01 p0139 A67-10606
01 p0110 A67-10427	01 p0036 A67-10472	01 p0093 A67-10517 #	01 p0144 A67-10562 #	01 p0161 A67-10607*
01 p0104 A67-10428*	01 p0133 A67-10473	01 p0093 A67-10518 #	01 p0144 A67-10563 #	01 p0078 A67-10608 #
01 p0153 A67-10429	01 p0036 A67-10474	01 p0052 A67-10519	01 p0144 A67-10564 #	01 p0078 A67-10609
01 p0022 A67-10430	01 p0036 A67-10475	01 p0052 A67-10520	01 p0064 A67-10565 #	01 p0079 A67-10610
01 p0035 A67-10431	01 p0037 A67-10476	01 p0105 A67-10521	01 p0064 A67-10566 #	01 p0079 A67-10611 #
01 p0035 A67-10432	01 p0037 A67-10477	01 p0105 A67-10522	01 p0078 A67-10567	01 p0079 A67-10612
01 p0028 A67-10433	01 p0037 A67-10478	01 p0024 A67-10523	01 p0153 A67-10568	01 p0094 A67-10613
01 p0022 A67-10434	01 p0104 A67-10479	01 p0139 A67-10524 #	01 p0078 A67-10569 #	01 p0103 A67-10614
01 p0132 A67-10435	01 p0044 A67-10480	01 p0006 A67-10525 #	01 p0010 A67-10570	01 p0094 A67-10615

ACCESSION NUMBER INDEX

01 p0103 A67-10616*	01 p0044 A67-10661	01 p0099 A67-10706	01 p0100 A67-10751	01 p0045 A67-10796
01 p0094 A67-10617	01 p0029 A67-10662	01 p0099 A67-10707	01 p0133 A67-10752	01 p0161 A67-10797
01 p0094 A67-10618	01 p0029 A67-10663	01 p0079 A67-10708	01 p0124 A67-10753	01 p0167 A67-10798
01 p0103 A67-10619 #	01 p0045 A67-10664	01 p0099 A67-10709	01 p0134 A67-10754	01 p0162 A67-10799
01 p0103 A67-10620	01 p0024 A67-10665	01 p0099 A67-10710	01 p0134 A67-10755	01 p0124 A67-10800
01 p0050 A67-10621	01 p0110 A67-10666	01 p0099 A67-10711	01 p0149 A67-10756	01 p0053 A67-10801
01 p0050 A67-10622	01 p0029 A67-10667	01 p0100 A67-10712	01 p0006 A67-10757	01 p0053 A67-10802
01 p0169 A67-10623	01 p0029 A67-10668	01 p0037 A67-10713 #	01 p0166 A67-10758	01 p0149 A67-10803
01 p0139 A67-10624	01 p0029 A67-10669	01 p0037 A67-10714 #	01 p0090 A67-10759	01 p0149 A67-10804
01 p0010 A67-10625	01 p0029 A67-10670	01 p0038 A67-10715 #	01 p0038 A67-10760	01 p0149 A67-10805
01 p0169 A67-10626	01 p0029 A67-10671	01 p0038 A67-10716 #	01 p0038 A67-10761	01 p0134 A67-10806 #
01 p0154 A67-10627	01 p0050 A67-10672*	01 p0038 A67-10717 #	01 p0018 A67-10762	01 p0134 A67-10807 #
01 p0169 A67-10628	01 p0045 A67-10673	01 p0024 A67-10718 #	01 p0018 A67-10763*	01 p0114 A67-10808 #
01 p0170 A67-10629	01 p0045 A67-10674*	01 p0038 A67-10719 #	01 p0117 A67-10764	01 p0006 A67-10809 #
01 p0170 A67-10630	01 p0113 A67-10675 #	01 p0038 A67-10720 #	01 p0019 A67-10765	01 p0144 A67-10810
01 p0170 A67-10631	01 p0105 A67-10676 #	01 p0024 A67-10721 #	01 p0100 A67-10766	01 p0124 A67-10811
01 p0140 A67-10632	01 p0105 A67-10677 #	01 p0024 A67-10722 #	01 p0100 A67-10767	01 p0134 A67-10812
01 p0140 A67-10633 #	01 p0105 A67-10678 #	01 p0100 A67-10723	01 p0109 A67-10768	01 p0090 A67-10813
01 p0140 A67-10634 #	01 p0105 A67-10679 #	01 p0100 A67-10724	01 p0006 A67-10769	01 p0025 A67-10814
01 p0140 A67-10635	01 p0113 A67-10680 #	01 p0024 A67-10725	01 p0038 A67-10770	01 p0038 A67-10815
01 p0140 A67-10636	01 p0052 A67-10681 #	01 p0079 A67-10726*	01 p0144 A67-10771	01 p0025 A67-10816
01 p0140 A67-10637	01 p0052 A67-10682 #	01 p0079 A67-10727	01 p0166 A67-10772	01 p0038 A67-10817
01 p0079 A67-10638 #	01 p0090 A67-10683 #	01 p0079 A67-10728	01 p0124 A67-10773	01 p0162 A67-10818 #
01 p0014 A67-10639 #	01 p0109 A67-10684 #	01 p0105 A67-10729	01 p0067 A67-10774	01 p0114 A67-10819 #
01 p0095 A67-10640 #	01 p0095 A67-10685	01 p0105 A67-10730	01 p0161 A67-10775*	01 p0134 A67-10820 #
01 p0095 A67-10641 #	01 p0095 A67-10686	01 p0105 A67-10731	01 p0161 A67-10776	01 p0067 A67-10821 #
01 p0095 A67-10642 #	01 p0095 A67-10687	01 p0106 A67-10732	01 p0080 A67-10777	01 p0162 A67-10822 #
01 p0095 A67-10643 #	01 p0103 A67-10688	01 p0106 A67-10733	01 p0124 A67-10778 #	01 p0016 A67-10823 #
01 p0064 A67-10644	01 p0067 A67-10689*	01 p0106 A67-10734	01 p0117 A67-10779 #	01 p0053 A67-10824 #
01 p0161 A67-10645	01 p0116 A67-10690*	01 p0106 A67-10735	01 p0124 A67-10780 #	01 p0019 A67-10825 #
01 p0052 A67-10646	01 p0096 A67-10691	01 p0114 A67-10736	01 p0117 A67-10781 #	01 p0112 A67-10826*#
01 p0161 A67-10647	01 p0096 A67-10692	01 p0024 A67-10737	01 p0117 A67-10782 #	01 p0090 A67-10827*#
01 p0006 A67-10648	01 p0096 A67-10693	01 p0149 A67-10738 #	01 p0144 A67-10783 #	01 p0038 A67-10828 #
01 p0065 A67-10649	01 p0096 A67-10694	01 p0123 A67-10739 #	01 p0117 A67-10784*#	01 p0038 A67-10829 #
01 p0065 A67-10650	01 p0096 A67-10695	01 p0090 A67-10740 #	01 p0134 A67-10785 #	01 p0025 A67-10830 #
01 p0065 A67-10651	01 p0097 A67-10696	01 p0123 A67-10741 #	01 p0134 A67-10786 #	01 p0067 A67-10831 #
01 p0066 A67-10652	01 p0097 A67-10697	01 p0133 A67-10742 #	01 p0117 A67-10787 #	01 p0091 A67-10832 #
01 p0066 A67-10653	01 p0097 A67-10698*	01 p0133 A67-10743 #	01 p0149 A67-10788 #	01 p0104 A67-10833
01 p0066 A67-10654	01 p0097 A67-10699	01 p0133 A67-10744 #	01 p0060 A67-10789 #	01 p0067 A67-10834
01 p0066 A67-10655	01 p0098 A67-10700	01 p0144 A67-10745 #	01 p0025 A67-10790 #	01 p0091 A67-10835
01 p0066 A67-10656	01 p0098 A67-10701	01 p0114 A67-10746 #	01 p0025 A67-10791 #	01 p0144 A67-10836
01 p0066 A67-10657	01 p0098 A67-10702*	01 p0124 A67-10747 #	01 p0006 A67-10792	01 p0091 A67-10837
01 p0067 A67-10658	01 p0140 A67-10703*	01 p0133 A67-10748 #	01 p0052 A67-10793	01 p0067 A67-10838 #
01 p0067 A67-10659	01 p0098 A67-10704	01 p0124 A67-10749 #	01 p0052 A67-10794	01 p0162 A67-10839 #
01 p0037 A67-10660	01 p0098 A67-10705	01 p0133 A67-10750	01 p0052 A67-10795	01 p0114 A67-10840 #

ACCESSION NUMBER INDEX

01 p0019 A67-10841 #	01 p0118 A67-10886*	01 p0107 A67-10931 #	01 p0125 A67-10976	01 p0069 A67-11021
01 p0067 A67-10842 #	01 p0149 A67-10887*	01 p0016 A67-10932 #	01 p0007 A67-10977	01 p0112 A67-11022
01 p0100 A67-10843 #	01 p0144 A67-10888	01 p0150 A67-10933 #	01 p0167 A67-10978	01 p0069 A67-11023
01 p0101 A67-10844 #	01 p0149 A67-10889	01 p0010 A67-10934 #	01 p0167 A67-10979	01 p0091 A67-11024
01 p0101 A67-10845 #	01 p0150 A67-10890*	01 p0101 A67-10935 #	01 p0125 A67-10980 #	01 p0029 A67-11025
01 p0162 A67-10846	01 p0150 A67-10891	01 p0101 A67-10936 #	01 p0007 A67-10981 #	01 p0069 A67-11026
01 p0162 A67-10847	01 p0060 A67-10892	01 p0101 A67-10937 #	01 p0007 A67-10982 #	01 p0070 A67-11027
01 p0162 A67-10848	01 p0150 A67-10893	01 p0101 A67-10938 #	01 p0053 A67-10983 #	01 p0102 A67-11028*
01 p0053 A67-10849	01 p0135 A67-10894	01 p0101 A67-10939 #	01 p0053 A67-10984 #	01 p0017 A67-11029
01 p0162 A67-10850	01 p0135 A67-10895	01 p0101 A67-10940 #	01 p0162 A67-10985 #	01 p0030 A67-11030*
01 p0053 A67-10851	01 p0135 A67-10896	01 p0102 A67-10941 #	01 p0163 A67-10986 #	01 p0050 A67-11031
01 p0154 A67-10852 #	01 p0019 A67-10897*	01 p0167 A67-10942	01 p0114 A67-10987 #	01 p0014 A67-11032
01 p0060 A67-10853 #	01 p0114 A67-10898	01 p0053 A67-10943	01 p0068 A67-10988 #	01 p0070 A67-11033
01 p0068 A67-10854 #	01 p0039 A67-10899	01 p0080 A67-10944 #	01 p0068 A67-10989 #	01 p0030 A67-11034
01 p0068 A67-10855 #	01 p0144 A67-10900 #	01 p0080 A67-10945*#	01 p0114 A67-10990 #	01 p0070 A67-11035
01 p0039 A67-10856	01 p0106 A67-10901 #	01 p0080 A67-10946 #	01 p0114 A67-10991 #	01 p0070 A67-11036
01 p0039 A67-10857	01 p0106 A67-10902 #	01 p0080 A67-10947 #	01 p0115 A67-10992 #	01 p0050 A67-11037
01 p0025 A67-10858	01 p0162 A67-10903 #	01 p0039 A67-10948 #	01 p0154 A67-10993 #	01 p0039 A67-11038*
01 p0025 A67-10859	01 p0150 A67-10904 #	01 p0016 A67-10949*	01 p0151 A67-10994 #	01 p0081 A67-11039 #
01 p0025 A67-10860	01 p0150 A67-10905 #	01 p0015 A67-10950 #	01 p0163 A67-10995 #	01 p0081 A67-11040*#
01 p0025 A67-10861	01 p0145 A67-10906 #	01 p0015 A67-10951 #	01 p0163 A67-10996 #	01 p0081 A67-11041 #
01 p0026 A67-10862	01 p0145 A67-10907 #	01 p0015 A67-10952 #	01 p0136 A67-10997 #	01 p0030 A67-11042*
01 p0026 A67-10863*	01 p0145 A67-10908 #	01 p0017 A67-10953	01 p0167 A67-10998 #	01 p0109 A67-11043 #
01 p0026 A67-10864*	01 p0150 A67-10909 #	01 p0015 A67-10954*	01 p0053 A67-10999 #	01 p0136 A67-11044 #
01 p0026 A67-10865*	01 p0150 A67-10910 #	01 p0016 A67-10955	01 p0053 A67-11000 #	01 p0125 A67-11045 #
01 p0026 A67-10866	01 p0124 A67-10911	01 p0017 A67-10956	01 p0154 A67-11001*	01 p0125 A67-11046 #
01 p0124 A67-10867 #	01 p0125 A67-10912	01 p0068 A67-10957*	01 p0053 A67-11002 #	01 p0136 A67-11047 #
01 p0114 A67-10868 #	01 p0125 A67-10913	01 p0017 A67-10958	01 p0054 A67-11003 #	01 p0115 A67-11048 #
01 p0114 A67-10869 #	01 p0125 A67-10914	01 p0017 A67-10959	01 p0039 A67-11004 #	01 p0136 A67-11049 #
01 p0068 A67-10870 #	01 p0118 A67-10915*	01 p0016 A67-10960	01 p0068 A67-11005 #	01 p0136 A67-11050 #
01 p0080 A67-10871*#	01 p0135 A67-10916	01 p0017 A67-10961	01 p0069 A67-11006 #	01 p0136 A67-11051 #
01 p0014 A67-10872*#	01 p0135 A67-10917	01 p0017 A67-10962	01 p0019 A67-11007*	01 p0136 A67-11052 #
01 p0080 A67-10873 #	01 p0135 A67-10918	01 p0151 A67-10963	01 p0069 A67-11008 #	01 p0039 A67-11053 #
01 p0134 A67-10874	01 p0145 A67-10919*	01 p0151 A67-10964	01 p0136 A67-11009 #	01 p0136 A67-11054 #
01 p0091 A67-10875	01 p0026 A67-10920	01 p0151 A67-10965	01 p0109 A67-11010 #	01 p0137 A67-11055
01 p0039 A67-10876	01 p0145 A67-10921	01 p0151 A67-10966 #	01 p0115 A67-11011 #	01 p0091 A67-11056
01 p0135 A67-10877	01 p0106 A67-10922 #	01 p0107 A67-10967	01 p0011 A67-11012	01 p0091 A67-11057
01 p0135 A67-10878	01 p0106 A67-10923 #	01 p0068 A67-10968	01 p0163 A67-11013	01 p0091 A67-11058
01 p0091 A67-10879	01 p0125 A67-10924 #	01 p0026 A67-10969	01 p0163 A67-11014	01 p0137 A67-11059 #
01 p0135 A67-10880*	01 p0135 A67-10925 #	01 p0006 A67-10970 #	01 p0167 A67-11015	01 p0137 A67-11060 #
01 p0016 A67-10881*	01 p0125 A67-10926 #	01 p0080 A67-10971	01 p0069 A67-11016*	01 p0137 A67-11061 #
01 p0019 A67-10882	01 p0068 A67-10927 #	01 p0080 A67-10972	01 p0069 A67-11017*	01 p0115 A67-11062 #
01 p0117 A67-10883	01 p0170 A67-10928	01 p0167 A67-10973*	01 p0069 A67-11018	01 p0070 A67-11063 #
01 p0019 A67-10884*	01 p0170 A67-10929	01 p0167 A67-10974	01 p0069 A67-11019	01 p0137 A67-11064 #
01 p0117 A67-10885	01 p0106 A67-10930 #	01 p0167 A67-10975	01 p0069 A67-11020	01 p0137 A67-11065 #

ACCESSION NUMBER INDEX

01 p0137 A67-11066 #	01 p0073 A67-11111	01 p0154 A67-11156 #	01 p0111 A67-11201	01 p0081 A67-11246 #
01 p0137 A67-11067 #	01 p0073 A67-11112	01 p0110 A67-11157 #	01 p0045 A67-11202	01 p0051 A67-11247 #
01 p0070 A67-11068 #	01 p0073 A67-11113	01 p0141 A67-11158 #	01 p0111 A67-11203	01 p0076 A67-11248 #
01 p0137 A67-11069 #	01 p0073 A67-11114	01 p0014 A67-11159 #	01 p0046 A67-11204*	01 p0109 A67-11249 #
01 p0137 A67-11070 #	01 p0073 A67-11115*	01 p0125 A67-11160 #	01 p0046 A67-11205	01 p0107 A67-11250
01 p0137 A67-11071 #	01 p0039 A67-11116	01 p0007 A67-11161 #	01 p0046 A67-11206*	01 p0107 A67-11251
01 p0138 A67-11072 #	01 p0051 A67-11117*	01 p0007 A67-11162*#	01 p0046 A67-11207	01 p0126 A67-11252
01 p0115 A67-11073	01 p0030 A67-11118	01 p0054 A67-11163*#	01 p0046 A67-11208*	01 p0081 A67-11253 #
01 p0138 A67-11074*	01 p0031 A67-11119	01 p0054 A67-11164 #	01 p0046 A67-11209*	01 p0055 A67-11254 #
01 p0138 A67-11075	01 p0073 A67-11120	01 p0007 A67-11165 #	01 p0046 A67-11210	01 p0040 A67-11255
01 p0138 A67-11076	01 p0073 A67-11121	01 p0007 A67-11166 #	01 p0047 A67-11211	01 p0076 A67-11256
01 p0115 A67-11077*	01 p0073 A67-11122	01 p0054 A67-11167 #	01 p0111 A67-11212*	01 p0048 A67-11257
01 p0070 A67-11078*	01 p0074 A67-11123*	01 p0007 A67-11168 #	01 p0047 A67-11213*	01 p0111 A67-11258
01 p0070 A67-11079	01 p0074 A67-11124	01 p0054 A67-11169 #	01 p0047 A67-11214	01 p0027 A67-11259
01 p0109 A67-11080	01 p0074 A67-11125	01 p0055 A67-11170 #	01 p0047 A67-11215*	01 p0061 A67-11260
01 p0070 A67-11081	01 p0074 A67-11126	01 p0055 A67-11171 #	01 p0047 A67-11216	01 p0061 A67-11261
01 p0115 A67-11082	01 p0074 A67-11127*	01 p0163 A67-11172 #	01 p0047 A67-11217*	01 p0061 A67-11262
01 p0071 A67-11083	01 p0074 A67-11128	01 p0163 A67-11173 #	01 p0047 A67-11218	01 p0145 A67-11263
01 p0091 A67-11084	01 p0074 A67-11129	01 p0164 A67-11174 #	01 p0047 A67-11219*	01 p0031 A67-11264 #
01 p0091 A67-11085	01 p0074 A67-11130	01 p0055 A67-11175 #	01 p0047 A67-11220*	01 p0141 A67-11265
01 p0102 A67-11086	01 p0075 A67-11131	01 p0164 A67-11176 #	01 p0047 A67-11221*	01 p0011 A67-11266
01 p0054 A67-11087 #	01 p0075 A67-11132	01 p0014 A67-11177 #	01 p0047 A67-11222	01 p0014 A67-11267
01 p0110 A67-11088	01 p0075 A67-11133	01 p0164 A67-11178 #	01 p0048 A67-11223*	01 p0007 A67-11268
01 p0054 A67-11089 #	01 p0075 A67-11134	01 p0141 A67-11179 #	01 p0111 A67-11224	01 p0164 A67-11269
01 p0054 A67-11090 #	01 p0075 A67-11135	01 p0007 A67-11180*#	01 p0048 A67-11225	01 p0051 A67-11270
01 p0168 A67-11091 #	01 p0075 A67-11136	01 p0007 A67-11181 #	01 p0048 A67-11226	01 p0164 A67-11271
01 p0054 A67-11092 #	01 p0075 A67-11137	01 p0007 A67-11182 #	01 p0091 A67-11227	01 p0008 A67-11272
01 p0011 A67-11093 #	01 p0075 A67-11138	01 p0055 A67-11183 #	01 p0109 A67-11228	01 p0164 A67-11273
01 p0030 A67-11094	01 p0076 A67-11139	01 p0164 A67-11184 #	01 p0168 A67-11229	01 p0151 A67-11274
01 p0071 A67-11095	01 p0076 A67-11140	01 p0164 A67-11185 #	01 p0145 A67-11230	01 p0151 A67-11275
01 p0071 A67-11096	01 p0076 A67-11141	01 p0126 A67-11186 #	01 p0138 A67-11231	01 p0145 A67-11276
01 p0050 A67-11097	01 p0076 A67-11142	01 p0164 A67-11187 #	01 p0060 A67-11232	01 p0146 A67-11277
01 p0030 A67-11098	01 p0076 A67-11143	01 p0126 A67-11188 #	01 p0040 A67-11233	01 p0146 A67-11278
01 p0071 A67-11099	01 p0076 A67-11144	01 p0055 A67-11189 #	01 p0040 A67-11234	01 p0061 A67-11279
01 p0071 A67-11100	01 p0145 A67-11145 #	01 p0102 A67-11190 #	01 p0040 A67-11235	01 p0061 A67-11280
01 p0071 A67-11101*	01 p0019 A67-11146*	01 p0164 A67-11191*#	01 p0048 A67-11236	01 p0146 A67-11281
01 p0071 A67-11102	01 p0020 A67-11147	01 p0076 A67-11192 #	01 p0026 A67-11237	01 p0146 A67-11282
01 p0030 A67-11103	01 p0163 A67-11148 #	01 p0118 A67-11193 #	01 p0027 A67-11238	01 p0151 A67-11283
01 p0071 A67-11104	01 p0141 A67-11149 #	01 p0154 A67-11194*#	01 p0027 A67-11239	01 p0151 A67-11284
01 p0071 A67-11105*	01 p0141 A67-11150 #	01 p0014 A67-11195 #	01 p0060 A67-11240	01 p0151 A67-11285
01 p0071 A67-11106	01 p0163 A67-11151 #	01 p0039 A67-11196	01 p0040 A67-11241	01 p0151 A67-11286
01 p0072 A67-11107	01 p0163 A67-11152 #	01 p0045 A67-11197	01 p0102 A67-11242 #	01 p0151 A67-11287
01 p0072 A67-11108	01 p0102 A67-11153 #	01 p0045 A67-11198	01 p0102 A67-11243 #	01 p0061 A67-11288 #
01 p0051 A67-11109	01 p0163 A67-11154 #	01 p0031 A67-11199 #	01 p0138 A67-11244 #	01 p0061 A67-11289 #
01 p0030 A67-11110	01 p0139 A67-11155 #	01 p0141 A67-11200 #	01 p0102 A67-11245 #	01 p0168 A67-11290 #

ACCESSION NUMBER INDEX

01 p0151 A67-11291 #	01 p0031 A67-11336	01 p0085 A67-11381	01 p0156 A67-11426*#	02 p0266 A67-11471 #
01 p0055 A67-11292	01 p0031 A67-11337	01 p0171 A67-11382	01 p0051 A67-11427 #	02 p0320 A67-11472
01 p0048 A67-11293	01 p0031 A67-11338	01 p0085 A67-11383	01 p0112 A67-11428 #	02 p0184 A67-11473
01 p0008 A67-11294	01 p0083 A67-11339	01 p0085 A67-11384	01 p0110 A67-11429 #	02 p0320 A67-11474
01 p0118 A67-11295	01 p0141 A67-11340	01 p0043 A67-11385 #	01 p0152 A67-11430*#	02 p0235 A67-11475
01 p0126 A67-11296	01 p0011 A67-11341*	01 p0055 A67-11386*#	01 p0028 A67-11431 #	02 p0320 A67-11476
01 p0138 A67-11297	01 p0041 A67-11342	01 p0165 A67-11387 #	01 p0156 A67-11432*#	02 p0236 A67-11477
01 p0138 A67-11298	01 p0155 A67-11343	01 p0141 A67-11388 #	01 p0142 A67-11433 #	02 p0257 A67-11478 #
01 p0126 A67-11299	01 p0041 A67-11344	01 p0155 A67-11389 #	01 p0156 A67-11434 #	02 p0257 A67-11479 #
01 p0126 A67-11300	01 p0083 A67-11345*	01 p0111 A67-11390 #	01 p0142 A67-11435 #	02 p0280 A67-11480 #
01 p0152 A67-11301	01 p0155 A67-11346	01 p0061 A67-11391 #	01 p0008 A67-11436 #	02 p0190 A67-11481 #
01 p0118 A67-11302	01 p0155 A67-11347	01 p0017 A67-11392*#	01 p0077 A67-11437	02 p0336 A67-11482 #
01 p0165 A67-11303	01 p0083 A67-11348	01 p0109 A67-11393 #	01 p0051 A67-11438 #	02 p0280 A67-11483
01 p0165 A67-11304	01 p0170 A67-11349	01 p0016 A67-11394*#	01 p0055 A67-11439 #	02 p0280 A67-11484
01 p0115 A67-11305*	01 p0170 A67-11350	01 p0155 A67-11395 #	01 p0156 A67-11440*#	02 p0280 A67-11485*
01 p0152 A67-11306	01 p0171 A67-11351	01 p0061 A67-11396	01 p0165 A67-11441*#	02 p0280 A67-11486
01 p0165 A67-11307	01 p0083 A67-11352	01 p0018 A67-11397*#	01 p0126 A67-11442*#	02 p0280 A67-11487
01 p0165 A67-11308	01 p0083 A67-11353	01 p0141 A67-11398 #	01 p0031 A67-11443 #	02 p0280 A67-11488
01 p0040 A67-11309	01 p0084 A67-11354	01 p0152 A67-11399 #	01 p0165 A67-11444 #	02 p0281 A67-11489*
01 p0040 A67-11310	01 p0084 A67-11355*	01 p0018 A67-11400 #	01 p0157 A67-11445 #	02 p0281 A67-11490*
01 p0126 A67-11311	01 p0041 A67-11356	01 p0142 A67-11401 #	01 p0157 A67-11446	02 p0281 A67-11491
01 p0040 A67-11312	01 p0041 A67-11357	01 p0142 A67-11402 #	01 p0142 A67-11447 #	02 p0281 A67-11492
01 p0040 A67-11313	01 p0041 A67-11358	01 p0155 A67-11403 #	01 p0143 A67-11448 #	02 p0281 A67-11493
01 p0040 A67-11314	01 p0084 A67-11359*	01 p0152 A67-11404 #	01 p0143 A67-11449 #	02 p0320 A67-11494
01 p0077 A67-11315	01 p0084 A67-11360	01 p0018 A67-11405 #	01 p0143 A67-11450 #	02 p0321 A67-11495
01 p0040 A67-11316	01 p0084 A67-11361	01 p0155 A67-11406 #	02 p0235 A67-11451	02 p0321 A67-11496
01 p0041 A67-11317	01 p0165 A67-11362	01 p0142 A67-11407 #	02 p0319 A67-11452	02 p0321 A67-11497
01 p0048 A67-11318	01 p0111 A67-11363	01 p0014 A67-11408 #	02 p0319 A67-11453	02 p0321 A67-11498
01 p0041 A67-11319	01 p0042 A67-11364*	01 p0142 A67-11409 #	02 p0319 A67-11454	02 p0177 A67-11499
01 p0027 A67-11320	01 p0042 A67-11365	01 p0142 A67-11410 #	02 p0319 A67-11455	02 p0306 A67-11500
01 p0138 A67-11321	01 p0042 A67-11366	01 p0152 A67-11411 #	02 p0319 A67-11456*	02 p0190 A67-11501
01 p0091 A67-11322	01 p0042 A67-11367	01 p0142 A67-11412*#	02 p0319 A67-11457	02 p0341 A67-11502
01 p0027 A67-11323	01 p0042 A67-11368	01 p0155 A67-11413 #	02 p0320 A67-11458	02 p0228 A67-11503
01 p0027 A67-11324	01 p0084 A67-11369	01 p0018 A67-11414 #	02 p0320 A67-11459*	02 p0281 A67-11504 #
01 p0027 A67-11325	01 p0084 A67-11370	01 p0156 A67-11415*#	02 p0320 A67-11460	02 p0209 A67-11505 #
01 p0041 A67-11326	01 p0111 A67-11371	01 p0139 A67-11416 #	02 p0320 A67-11461 #	02 p0209 A67-11506 #
01 p0027 A67-11327	01 p0042 A67-11372	01 p0027 A67-11417 #	02 p0279 A67-11462 #	02 p0190 A67-11507 #
01 p0027 A67-11328	01 p0085 A67-11373	01 p0156 A67-11418 #	02 p0280 A67-11463 #	02 p0209 A67-11508 #
01 p0041 A67-11329	01 p0171 A67-11374	01 p0028 A67-11419 #	02 p0280 A67-11464 #	02 p0209 A67-11509 #
01 p0138 A67-11330	01 p0171 A67-11375	01 p0112 A67-11420 #	02 p0320 A67-11465 #	02 p0210 A67-11510 #
01 p0152 A67-11331*	01 p0085 A67-11376	01 p0168 A67-11421 #	02 p0336 A67-11466 #	02 p0224 A67-11511
01 p0081 A67-11332	01 p0043 A67-11377	01 p0156 A67-11422 #	02 p0254 A67-11467 #	02 p0236 A67-11512
01 p0170 A67-11333	01 p0043 A67-11378	01 p0156 A67-11423 #	02 p0248 A67-11468 #	02 p0180 A67-11513*#
01 p0170 A67-11334	01 p0085 A67-11379	01 p0156 A67-11424 #	02 p0231 A67-11469 #	02 p0177 A67-11514 #
01 p0031 A67-11335	01 p0171 A67-11380	01 p0016 A67-11425 #	02 p0177 A67-11470 #	02 p0302 A67-11515 #

ACCESSION NUMBER INDEX

02 p0302 A67-11516*#	02 p0232 A67-11561 #	02 p0212 A67-11606	02 p0192 A67-11651	02 p0266 A67-11696
02 p0177 A67-11517	02 p0341 A67-11562 #	02 p0212 A67-11607	02 p0322 A67-11652 #	02 p0323 A67-11697
02 p0251 A67-11518	02 p0232 A67-11563*#	02 p0212 A67-11608	02 p0306 A67-11653 #	02 p0266 A67-11698
02 p0272 A67-11519	02 p0232 A67-11564 #	02 p0212 A67-11609	02 p0236 A67-11654 #	02 p0323 A67-11699*
02 p0272 A67-11520	02 p0178 A67-11565 #	02 p0212 A67-11610	02 p0306 A67-11655 #	02 p0324 A67-11700*
02 p0240 A67-11521	02 p0232 A67-11566 #	02 p0212 A67-11611	02 p0306 A67-11656 #	02 p0281 A67-11701
02 p0231 A67-11522 #	02 p0322 A67-11567 #	02 p0212 A67-11612	02 p0192 A67-11657 #	02 p0285 A67-11702
02 p0177 A67-11523 #	02 p0190 A67-11568 #	02 p0212 A67-11613	02 p0192 A67-11658 #	02 p0285 A67-11703
02 p0180 A67-11524 #	02 p0191 A67-11569 #	02 p0212 A67-11614	02 p0236 A67-11659 #	02 p0285 A67-11704
02 p0272 A67-11525	02 p0210 A67-11570 #	02 p0213 A67-11615*	02 p0193 A67-11660 #	02 p0285 A67-11705
02 p0224 A67-11526	02 p0191 A67-11571 #	02 p0213 A67-11616	02 p0236 A67-11661 #	02 p0285 A67-11706
02 p0210 A67-11527	02 p0191 A67-11572 #	02 p0213 A67-11617	02 p0193 A67-11662 #	02 p0286 A67-11707
02 p0190 A67-11528	02 p0251 A67-11573 #	02 p0192 A67-11618	02 p0236 A67-11663 #	02 p0286 A67-11708
02 p0224 A67-11529	02 p0251 A67-11574 #	02 p0213 A67-11619	02 p0236 A67-11664 #	02 p0286 A67-11709*
02 p0210 A67-11530	02 p0251 A67-11575 #	02 p0213 A67-11620	02 p0307 A67-11665 #	02 p0286 A67-11710
02 p0210 A67-11531	02 p0191 A67-11576 #	02 p0213 A67-11621	02 p0307 A67-11666 #	02 p0286 A67-11711
02 p0240 A67-11532 #	02 p0191 A67-11577 #	02 p0240 A67-11622	02 p0307 A67-11667 #	02 p0287 A67-11712
02 p0240 A67-11533 #	02 p0191 A67-11578 #	02 p0192 A67-11623	02 p0307 A67-11668 #	02 p0287 A67-11713
02 p0180 A67-11534 #	02 p0191 A67-11579 #	02 p0258 A67-11624 #	02 p0236 A67-11669 #	02 p0287 A67-11714
02 p0224 A67-11535 #	02 p0224 A67-11580 #	02 p0258 A67-11625 #	02 p0236 A67-11670 #	02 p0287 A67-11715
02 p0321 A67-11536 #	02 p0322 A67-11581 #	02 p0258 A67-11626 #	02 p0237 A67-11671 #	02 p0287 A67-11716
02 p0321 A67-11537 #	02 p0191 A67-11582 #	02 p0224 A67-11627 #	02 p0193 A67-11672 #	02 p0287 A67-11717
02 p0321 A67-11538 #	02 p0272 A67-11583 #	02 p0336 A67-11628 #	02 p0237 A67-11673 #	02 p0287 A67-11718
02 p0321 A67-11539 #	02 p0322 A67-11584 #	02 p0178 A67-11629 #	02 p0193 A67-11674 #	02 p0288 A67-11719
02 p0231 A67-11540 #	02 p0190 A67-11585*	02 p0336 A67-11630 #	02 p0237 A67-11675 #	02 p0288 A67-11720
02 p0240 A67-11541 #	02 p0224 A67-11586	02 p0232 A67-11631 #	02 p0307 A67-11676 #	02 p0288 A67-11721
02 p0240 A67-11542 #	02 p0258 A67-11587	02 p0281 A67-11632 #	02 p0322 A67-11677 #	02 p0288 A67-11722
02 p0240 A67-11543 #	02 p0191 A67-11588	02 p0336 A67-11633	02 p0237 A67-11678 #	02 p0288 A67-11723
02 p0240 A67-11544 #	02 p0336 A67-11589	02 p0232 A67-11634	02 p0237 A67-11679 #	02 p0288 A67-11724
02 p0185 A67-11545 #	02 p0210 A67-11590	02 p0213 A67-11635	02 p0241 A67-11680	02 p0289 A67-11725
02 p0185 A67-11546 #	02 p0210 A67-11591	02 p0272 A67-11636	02 p0241 A67-11681*	02 p0289 A67-11726
02 p0321 A67-11547 #	02 p0210 A67-11592	02 p0192 A67-11637	02 p0182 A67-11682	02 p0289 A67-11727
02 p0321 A67-11548 #	02 p0210 A67-11593	02 p0241 A67-11638	02 p0322 A67-11683	02 p0289 A67-11728
02 p0302 A67-11549 #	02 p0211 A67-11594	02 p0192 A67-11639	02 p0322 A67-11684	02 p0289 A67-11729
02 p0306 A67-11550 #	02 p0211 A67-11595	02 p0236 A67-11640	02 p0322 A67-11685	02 p0289 A67-11730
02 p0185 A67-11551	02 p0211 A67-11596*	02 p0192 A67-11641	02 p0322 A67-11686	02 p0290 A67-11731
02 p0228 A67-11552	02 p0211 A67-11597	02 p0192 A67-11642	02 p0307 A67-11687*	02 p0290 A67-11732
02 p0240 A67-11553	02 p0211 A67-11598	02 p0192 A67-11643	02 p0307 A67-11688	02 p0290 A67-11733
02 p0228 A67-11554	02 p0211 A67-11599	02 p0213 A67-11644	02 p0323 A67-11689*	02 p0290 A67-11734
02 p0258 A67-11555	02 p0211 A67-11600	02 p0322 A67-11645	02 p0323 A67-11690	02 p0290 A67-11735
02 p0258 A67-11556	02 p0211 A67-11601	02 p0213 A67-11646	02 p0307 A67-11691*	02 p0290 A67-11736
02 p0258 A67-11557	02 p0192 A67-11602	02 p0213 A67-11647	02 p0323 A67-11692	02 p0291 A67-11737
02 p0258 A67-11558*	02 p0192 A67-11603*	02 p0213 A67-11648	02 p0323 A67-11693	02 p0291 A67-11738
02 p0231 A67-11559 #	02 p0212 A67-11604	02 p0213 A67-11649	02 p0323 A67-11694	02 p0291 A67-11739
02 p0177 A67-11560 #	02 p0212 A67-11605*	02 p0214 A67-11650	02 p0323 A67-11695	02 p0291 A67-11740

ACCESSION NUMBER INDEX

02 p0291 A67-11741	02 p0194 A67-11786	02 p0296 A67-11831	02 p0297 A67-11876	02 p0232 A67-11921
02 p0291 A67-11742	02 p0251 A67-11787	02 p0297 A67-11832	02 p0298 A67-11877	02 p0259 A67-11922
02 p0292 A67-11743	02 p0228 A67-11788	02 p0297 A67-11833	02 p0269 A67-11878*	02 p0263 A67-11923*#
02 p0292 A67-11744	02 p0241 A67-11789	02 p0297 A67-11834	02 p0251 A67-11879	02 p0330 A67-11924 #
02 p0292 A67-11745	02 p0237 A67-11790*#	02 p0297 A67-11835	02 p0272 A67-11880	02 p0263 A67-11925 #
02 p0292 A67-11746	02 p0336 A67-11791	02 p0259 A67-11836	02 p0272 A67-11881	02 p0330 A67-11926 #
02 p0292 A67-11747	02 p0336 A67-11792	02 p0228 A67-11837 #	02 p0298 A67-11882*	02 p0330 A67-11927*#
02 p0292 A67-11748	02 p0254 A67-11793	02 p0228 A67-11838*#	02 p0214 A67-11883*	02 p0186 A67-11928 #
02 p0293 A67-11749	02 p0337 A67-11794	02 p0228 A67-11839 #	02 p0272 A67-11884	02 p0331 A67-11929 #
02 p0293 A67-11750	02 p0337 A67-11795	02 p0228 A67-11840 #	02 p0298 A67-11885	02 p0337 A67-11930*#
02 p0293 A67-11751	02 p0214 A67-11796	02 p0229 A67-11841 #	02 p0298 A67-11886	02 p0337 A67-11931*#
02 p0293 A67-11752	02 p0194 A67-11797	02 p0182 A67-11842	02 p0298 A67-11887	02 p0337 A67-11932 #
02 p0293 A67-11753	02 p0206 A67-11798	02 p0182 A67-11843	02 p0298 A67-11888*	02 p0229 A67-11933 #
02 p0293 A67-11754	02 p0258 A67-11799	02 p0337 A67-11844 #	02 p0272 A67-11889	02 p0341 A67-11934 #
02 p0294 A67-11755	02 p0258 A67-11800	02 p0337 A67-11845 #	02 p0298 A67-11890*	02 p0232 A67-11935 #
02 p0294 A67-11756	02 p0259 A67-11801	02 p0297 A67-11846 #	02 p0252 A67-11891	02 p0302 A67-11936*#
02 p0294 A67-11757	02 p0259 A67-11802	02 p0297 A67-11847 #	02 p0298 A67-11892	02 p0302 A67-11937*#
02 p0294 A67-11758	02 p0206 A67-11803	02 p0297 A67-11848 #	02 p0299 A67-11893*	02 p0331 A67-11938 #
02 p0294 A67-11759	02 p0228 A67-11804	02 p0297 A67-11849 #	02 p0299 A67-11894	02 p0342 A67-11939*#
02 p0294 A67-11760	02 p0206 A67-11805*	02 p0308 A67-11850 #	02 p0299 A67-11895	02 p0302 A67-11940 #
02 p0294 A67-11761	02 p0206 A67-11806	02 p0241 A67-11851 #	02 p0299 A67-11896	02 p0325 A67-11941 #
02 p0295 A67-11762	02 p0206 A67-11807	02 p0237 A67-11852*#	02 p0299 A67-11897	02 p0178 A67-11942 #
02 p0295 A67-11763	02 p0194 A67-11808*	02 p0237 A67-11853 #	02 p0257 A67-11898	02 p0248 A67-11943 #
02 p0295 A67-11764	02 p0194 A67-11809	02 p0237 A67-11854 #	02 p0273 A67-11899*	02 p0303 A67-11944 #
02 p0295 A67-11765	02 p0194 A67-11810	02 p0237 A67-11855 #	02 p0214 A67-11900	02 p0233 A67-11945 #
02 p0295 A67-11766	02 p0206 A67-11811*	02 p0324 A67-11856 #	02 p0224 A67-11901	02 p0182 A67-11946*#
02 p0296 A67-11767	02 p0207 A67-11812	02 p0324 A67-11857 #	02 p0194 A67-11902	02 p0303 A67-11947 #
02 p0324 A67-11768*	02 p0207 A67-11813	02 p0325 A67-11858*#	02 p0214 A67-11903	02 p0233 A67-11948 #
02 p0324 A67-11769	02 p0324 A67-11814 #	02 p0325 A67-11859 #	02 p0214 A67-11904	02 p0233 A67-11949 #
02 p0324 A67-11770*	02 p0343 A67-11815 #	02 p0325 A67-11860*#	02 p0214 A67-11905	02 p0233 A67-11950 #
02 p0308 A67-11771*	02 p0185 A67-11816 #	02 p0186 A67-11861*	02 p0214 A67-11906	02 p0178 A67-11951 #
02 p0324 A67-11772*	02 p0302 A67-11817*#	02 p0269 A67-11862*	02 p0214 A67-11907	02 p0337 A67-11952 #
02 p0324 A67-11773	02 p0251 A67-11818	02 p0269 A67-11863*	02 p0194 A67-11903	02 p0337 A67-11953 #
02 p0324 A67-11774	02 p0296 A67-11819*	02 p0254 A67-11864 #	02 p0194 A67-11909	02 p0338 A67-11954 #
02 p0182 A67-11775	02 p0296 A67-11820	02 p0255 A67-11865 #	02 p0266 A67-11910	02 p0338 A67-11955 #
02 p0336 A67-11776	02 p0296 A67-11821	02 p0255 A67-11866 #	02 p0214 A67-11911	02 p0225 A67-11956 #
02 p0193 A67-11777	02 p0296 A67-11822	02 p0255 A67-11867 #	02 p0214 A67-11912	02 p0225 A67-11957 #
02 p0214 A67-11778	02 p0296 A67-11823	02 p0255 A67-11868 #	02 p0215 A67-11913	02 p0267 A67-11958 #
02 p0214 A67-11779	02 p0251 A67-11824	02 p0255 A67-11869 #	02 p0215 A67-11914	02 p0267 A67-11959 #
02 p0193 A67-11780	02 p0296 A67-11825	02 p0255 A67-11870 #	02 p0224 A67-11915	02 p0267 A67-11960 #
02 p0193 A67-11781*	02 p0296 A67-11826	02 p0259 A67-11871 #	02 p0259 A67-11916	02 p0267 A67-11961 #
02 p0193 A67-11782	02 p0296 A67-11827	02 p0259 A67-11872 #	02 p0267 A67-11917	02 p0225 A67-11962 #
02 p0193 A67-11783	02 p0251 A67-11828	02 p0297 A67-11873*	02 p0259 A67-11918	02 p0267 A67-11963 #
02 p0194 A67-11784	02 p0296 A67-11829	02 p0297 A67-11874	02 p0259 A67-11919	02 p0248 A67-11964 #
02 p0251 A67-11785	02 p0296 A67-11830	02 p0241 A67-11875	02 p0259 A67-11920	02 p0267 A67-11965 #

ACCESSION NUMBER INDEX

02 p0338 A67-11966 #	02 p0242 A67-12011	02 p0243 A67-12056	02 p0218 A67-12101	02 p0203 A67-12146
02 p0338 A67-11967 #	02 p0197 A67-12012	02 p0267 A67-12057	02 p0183 A67-12102	02 p0219 A67-12147*
02 p0338 A67-11968 #	02 p0216 A67-12013	02 p0273 A67-12058*	02 p0218 A67-12103	02 p0226 A67-12148*
02 p0233 A67-11969 #	02 p0216 A67-12014	02 p0207 A67-12059*	02 p0263 A67-12104	02 p0303 A67-12149
02 p0241 A67-11970 #	02 p0197 A67-12015	02 p0255 A67-12060 #	02 p0299 A67-12105	02 p0226 A67-12150
02 p0215 A67-11971	02 p0197 A67-12016	02 p0178 A67-12061	02 p0218 A67-12106	02 p0331 A67-12151
02 p0215 A67-11972	02 p0197 A67-12017	02 p0273 A67-12062	02 p0218 A67-12107	02 p0226 A67-12152 #
02 p0215 A67-11973	02 p0242 A67-12018	02 p0326 A67-12063	02 p0219 A67-12108	02 p0226 A67-12153
02 p0308 A67-11974 #	02 p0242 A67-12019	02 p0259 A67-12064	02 p0219 A67-12109	02 p0259 A67-12154
02 p0215 A67-11975 #	02 p0197 A67-12020	02 p0238 A67-12065	02 p0219 A67-12110	02 p0226 A67-12155*
02 p0194 A67-11976 #	02 p0242 A67-12021	02 p0326 A67-12066	02 p0219 A67-12111	02 p0226 A67-12156*
02 p0215 A67-11977 #	02 p0197 A67-12022	02 p0198 A67-12067	02 p0207 A67-12112	02 p0227 A67-12157
02 p0215 A67-11978 #	02 p0198 A67-12023	02 p0216 A67-12068	02 p0219 A67-12113	02 p0263 A67-12158
02 p0215 A67-11979 #	02 p0198 A67-12024*	02 p0229 A67-12069*	02 p0201 A67-12114	02 p0227 A67-12159
02 p0215 A67-11980 #	02 p0198 A67-12025	02 p0198 A67-12070	02 p0201 A67-12115	02 p0331 A67-12160
02 p0216 A67-11981 #	02 p0267 A67-12026	02 p0216 A67-12071	02 p0183 A67-12116	02 p0219 A67-12161
02 p0261 A67-11982	02 p0242 A67-12027	02 p0186 A67-12072	02 p0183 A67-12117*	02 p0208 A67-12162
02 p0325 A67-11983 #	02 p0342 A67-12028	02 p0225 A67-12073	02 p0201 A67-12118*	02 p0208 A67-12163
02 p0325 A67-11984 #	02 p0342 A67-12029	02 p0225 A67-12074	02 p0201 A67-12119	02 p0208 A67-12164
02 p0325 A67-11985 #	02 p0342 A67-12030	02 p0216 A67-12075*	02 p0229 A67-12120	02 p0203 A67-12165
02 p0325 A67-11986 #	02 p0342 A67-12031	02 p0238 A67-12076 #	02 p0230 A67-12121	02 p0203 A67-12166
02 p0238 A67-11987 #	02 p0308 A67-12032*	02 p0238 A67-12077 #	02 p0202 A67-12122	02 p0208 A67-12167*
02 p0261 A67-11988 #	02 p0198 A67-12033	02 p0199 A67-12078	02 p0202 A67-12123	02 p0203 A67-12168
02 p0261 A67-11989 #	02 p0338 A67-12034	02 p0261 A67-12079 #	02 p0202 A67-12124	02 p0204 A67-12169
02 p0261 A67-11990 #	02 p0238 A67-12035	02 p0262 A67-12080 #	02 p0263 A67-12125	02 p0204 A67-12170*
02 p0326 A67-11991 #	02 p0238 A67-12036	02 p0262 A67-12081 #	02 p0202 A67-12126	02 p0204 A67-12171
02 p0241 A67-11992 #	02 p0216 A67-12037	02 p0262 A67-12082 #	02 p0230 A67-12127	02 p0227 A67-12172
02 p0241 A67-11993 #	02 p0216 A67-12038	02 p0199 A67-12083 #	02 p0202 A67-12128	02 p0208 A67-12173
02 p0242 A67-11994 #	02 p0242 A67-12039	02 p0186 A67-12084	02 p0202 A67-12129	02 p0208 A67-12174
02 p0233 A67-11995	02 p0180 A67-12040	02 p0299 A67-12085	02 p0202 A67-12130	02 p0209 A67-12175
02 p0195 A67-11996	02 p0326 A67-12041	02 p0199 A67-12086	02 p0202 A67-12131	02 p0227 A67-12176
02 p0195 A67-11997*	02 p0178 A67-12042	02 p0217 A67-12087	02 p0203 A67-12132	02 p0220 A67-12177
02 p0196 A67-11998*	02 p0338 A67-12043	02 p0217 A67-12088	02 p0203 A67-12133	02 p0273 A67-12178
02 p0196 A67-11999	02 p0326 A67-12044	02 p0252 A67-12089	02 p0203 A67-12134	02 p0249 A67-12179
02 p0196 A67-12000*	02 p0326 A67-12045	02 p0217 A67-12090	02 p0225 A67-12135	02 p0252 A67-12180
02 p0207 A67-12001	02 p0326 A67-12046	02 p0217 A67-12091	02 p0225 A67-12136*	02 p0183 A67-12181*
02 p0229 A67-12002	02 p0243 A67-12047	02 p0243 A67-12092	02 p0207 A67-12137	02 p0249 A67-12182
02 p0229 A67-12003	02 p0238 A67-12048	02 p0217 A67-12093	02 p0207 A67-12138*	02 p0273 A67-12183*
02 p0196 A67-12004	02 p0243 A67-12049	02 p0217 A67-12094	02 p0203 A67-12139	02 p0273 A67-12184
02 p0196 A67-12005	02 p0342 A67-12050	02 p0217 A67-12095	02 p0207 A67-12140	02 p0243 A67-12185
02 p0196 A67-12006	02 p0342 A67-12051	02 p0201 A67-12096	02 p0208 A67-12141	02 p0299 A67-12186
02 p0229 A67-12007	02 p0252 A67-12052	02 p0273 A67-12097	02 p0225 A67-12142	02 p0204 A67-12187
02 p0216 A67-12008	02 p0198 A67-12053	02 p0218 A67-12098	02 p0225 A67-12143	02 p0273 A67-12188
02 p0196 A67-12009	02 p0198 A67-12054	02 p0218 A67-12099	02 p0243 A67-12144	02 p0299 A67-12189
02 p0197 A67-12010*	02 p0243 A67-12055*	02 p0218 A67-12100	02 p0226 A67-12145	02 p0238 A67-12190 #

ACCESSION NUMBER INDEX

02 p0239 A67-12191 #	02 p0338 A67-12236 #	02 p0304 A67-12281 #	02 p0187 A67-12326 #	02 p0334 A67-12371*#
02 p0239 A67-12192 #	02 p0338 A67-12237 #	02 p0304 A67-12282*#	02 p0188 A67-12327 #	02 p0260 A67-12372*#
02 p0220 A67-12193 #	02 p0338 A67-12238 #	02 p0304 A67-12283*#	02 p0188 A67-12328 #	02 p0327 A67-12373 #
02 p0204 A67-12194 #	02 p0339 A67-12239 #	02 p0302 A67-12284 #	02 p0188 A67-12329 #	02 p0185 A67-12374
02 p0273 A67-12195 #	02 p0339 A67-12240 #	02 p0187 A67-12285*#	02 p0188 A67-12330 #	02 p0327 A67-12375 #
02 p0204 A67-12196 #	02 p0257 A67-12241 #	02 p0332 A67-12286*#	02 p0342 A67-12331 #	02 p0334 A67-12376 #
02 p0227 A67-12197	02 p0343 A67-12242	02 p0332 A67-12287 #	02 p0327 A67-12332 #	02 p0239 A67-12377 #
02 p0220 A67-12198	02 p0245 A67-12243	02 p0332 A67-12288 #	02 p0327 A67-12333 #	02 p0334 A67-12378 #
02 p0181 A67-12199	02 p0267 A67-12244	02 p0262 A67-12289 #	02 p0327 A67-12334 #	02 p0239 A67-12379 #
02 p0233 A67-12200	02 p0245 A67-12245*	02 p0246 A67-12290 #	02 p0333 A67-12335 #	02 p0188 A67-12380*#
02 p0181 A67-12201	02 p0326 A67-12246	02 p0178 A67-12291 #	02 p0266 A67-12336*#	02 p0265 A67-12381 #
02 p0267 A67-12202	02 p0300 A67-12247	02 p0332 A67-12292*#	02 p0274 A67-12337 #	02 p0265 A67-12382*#
02 p0220 A67-12203	02 p0181 A67-12248 #	02 p0304 A67-12293*#	02 p0305 A67-12338 #	02 p0231 A67-12383 #
02 p0220 A67-12204	02 p0230 A67-12249 #	02 p0304 A67-12294*#	02 p0188 A67-12339*#	02 p0265 A67-12384 #
02 p0220 A67-12205	02 p0204 A67-12250 #	02 p0304 A67-12295*#	02 p0305 A67-12340 #	02 p0268 A67-12385*#
02 p0264 A67-12206 #	02 p0303 A67-12251 #	02 p0305 A67-12296*#	02 p0274 A67-12341 #	02 p0249 A67-12386*#
02 p0243 A67-12207	02 p0331 A67-12252 #	02 p0305 A67-12297*#	02 p0333 A67-12342*	02 p0188 A67-12387 #
02 p0220 A67-12208	02 p0303 A67-12253 #	02 p0305 A67-12298*#	02 p0333 A67-12343 #	02 p0189 A67-12388 #
02 p0244 A67-12209	02 p0220 A67-12254 #	02 p0181 A67-12299 #	02 p0179 A67-12344 #	02 p0265 A67-12389 #
02 p0244 A67-12210	02 p0331 A67-12255*#	02 p0333 A67-12300*#	02 p0339 A67-12345 #	02 p0334 A67-12390*#
02 p0244 A67-12211	02 p0331 A67-12256*#	02 p0333 A67-12301 #	02 p0188 A67-12346 #	02 p0335 A67-12391*#
02 p0245 A67-12212	02 p0181 A67-12257 #	02 p0181 A67-12302 #	02 p0333 A67-12347 #	02 p0335 A67-12392 #
02 p0265 A67-12213	02 p0221 A67-12258 #	02 p0183 A67-12303 #	02 p0179 A67-12348 #	02 p0189 A67-12393*#
02 p0265 A67-12214	02 p0343 A67-12259 #	02 p0181 A67-12304 #	02 p0334 A67-12349 #	02 p0189 A67-12394*#
02 p0245 A67-12215	02 p0343 A67-12260 #	02 p0184 A67-12305*#	02 p0230 A67-12350 #	02 p0335 A67-12395 #
02 p0266 A67-12216	02 p0343 A67-12261 #	02 p0205 A67-12306	02 p0305 A67-12351 #	02 p0328 A67-12396*#
02 p0266 A67-12217	02 p0331 A67-12262 #	02 p0184 A67-12307 #	02 p0305 A67-12352 #	02 p0335 A67-12397 #
02 p0245 A67-12218	02 p0339 A67-12263 #	02 p0326 A67-12308	02 p0305 A67-12353*#	02 p0335 A67-12398 #
02 p0303 A67-12219	02 p0181 A67-12264 #	02 p0333 A67-12309 #	02 p0264 A67-12354 #	02 p0262 A67-12399 #
02 p0249 A67-12220	02 p0221 A67-12265 #	02 p0230 A67-12310 #	02 p0264 A67-12355 #	02 p0328 A67-12400 #
02 p0249 A67-12221	02 p0331 A67-12266*#	02 p0264 A67-12311 #	02 p0179 A67-12356 #	02 p0246 A67-12401*#
02 p0249 A67-12222	02 p0246 A67-12267*#	02 p0333 A67-12312 #	02 p0184 A67-12357*#	02 p0328 A67-12402*#
02 p0245 A67-12223*	02 p0183 A67-12268 #	02 p0185 A67-12313 #	02 p0230 A67-12358 #	02 p0328 A67-12403 #
02 p0220 A67-12224 #	02 p0183 A67-12269 #	02 p0179 A67-12314	02 p0334 A67-12359*#	02 p0262 A67-12404 #
02 p0178 A67-12225 #	02 p0187 A67-12270*#	02 p0264 A67-12315 #	02 p0334 A67-12360 #	02 p0328 A67-12405 #
02 p0186 A67-12226 #	02 p0332 A67-12271 #	02 p0264 A67-12316 #	02 p0230 A67-12361 #	02 p0239 A67-12406 #
02 p0245 A67-12227 #	02 p0332 A67-12272 #	02 p0264 A67-12317 #	02 p0334 A67-12362 #	02 p0328 A67-12407 #
02 p0233 A67-12228 #	02 p0205 A67-12273	02 p0264 A67-12318*#	02 p0327 A67-12363*#	02 p0189 A67-12408*#
02 p0186 A67-12229 #	02 p0181 A67-12274 #	02 p0187 A67-12319 #	02 p0239 A67-12364 #	02 p0189 A67-12409*#
02 p0186 A67-12230 #	02 p0301 A67-12275 #	02 p0185 A67-12320 #	02 p0246 A67-12365*#	02 p0335 A67-12410 #
02 p0186 A67-12231 #	02 p0303 A67-12276 #	02 p0308 A67-12321 #	02 p0327 A67-12366 #	02 p0184 A67-12411 #
02 p0181 A67-12232	02 p0332 A67-12277*#	02 p0233 A67-12322 #	02 p0262 A67-12367 #	02 p0205 A67-12412*#
02 p0178 A67-12233 #	02 p0187 A67-12278*#	02 p0187 A67-12323 #	02 p0246 A67-12368 #	02 p0343 A67-12413 #
02 p0190 A67-12234*	02 p0230 A67-12279 #	02 p0187 A67-12324 #	02 p0264 A67-12369 #	02 p0246 A67-12414*#
02 p0190 A67-12235	02 p0303 A67-12280*#	02 p0187 A67-12325 #	02 p0327 A67-12370 #	02 p0335 A67-12415 #

ACCESSION NUMBER INDEX

02 p0274 A67-12416 #	02 p0274 A67-12461	02 p0253 A67-12506	02 p0275 A67-12551	02 p0311 A67-12596
02 p0268 A67-12417 #	02 p0274 A67-12462	02 p0300 A67-12507	02 p0275 A67-12552	02 p0311 A67-12597
02 p0221 A67-12418 #	02 p0274 A67-12463	02 p0253 A67-12508	02 p0275 A67-12553*	02 p0311 A67-12598
02 p0221 A67-12419 #	02 p0274 A67-12464	02 p0300 A67-12509	02 p0275 A67-12554	02 p0312 A67-12599
02 p0227 A67-12420 #	02 p0180 A67-12465	02 p0253 A67-12510	02 p0275 A67-12555*	02 p0312 A67-12600
02 p0252 A67-12421 #	02 p0274 A67-12466	02 p0253 A67-12511	02 p0275 A67-12556	02 p0312 A67-12601
02 p0269 A67-12422 #	02 p0184 A67-12467	02 p0221 A67-12512	02 p0276 A67-12557*	02 p0312 A67-12602
02 p0252 A67-12423 #	02 p0184 A67-12468	02 p0246 A67-12513	02 p0276 A67-12558	02 p0312 A67-12603
02 p0268 A67-12424 #	02 p0275 A67-12469	02 p0221 A67-12514	02 p0276 A67-12559	02 p0312 A67-12604
02 p0221 A67-12425 #	02 p0275 A67-12470	02 p0253 A67-12515	02 p0276 A67-12560	02 p0312 A67-12605
02 p0249 A67-12426	02 p0275 A67-12471	02 p0253 A67-12516	02 p0276 A67-12561	02 p0312 A67-12606
02 p0182 A67-12427	02 p0275 A67-12472	02 p0253 A67-12517	02 p0276 A67-12562*	02 p0312 A67-12607
02 p0185 A67-12428	02 p0260 A67-12473	02 p0300 A67-12518	02 p0276 A67-12563	02 p0312 A67-12608
02 p0250 A67-12429	02 p0205 A67-12474 #	02 p0301 A67-12519	02 p0235 A67-12564	02 p0312 A67-12609
02 p0335 A67-12430	02 p0300 A67-12475 #	02 p0253 A67-12520	02 p0235 A67-12565*	02 p0312 A67-12610
02 p0260 A67-12431	02 p0300 A67-12476 #	02 p0270 A67-12521	02 p0235 A67-12566	02 p0277 A67-12611 #
02 p0260 A67-12432	02 p0300 A67-12477 #	02 p0254 A67-12522	02 p0276 A67-12567	02 p0277 A67-12612 #
02 p0260 A67-12433	02 p0300 A67-12478 #	02 p0301 A67-12523	02 p0276 A67-12568*	02 p0277 A67-12613 #
02 p0257 A67-12434*	02 p0246 A67-12479 #	02 p0254 A67-12524	02 p0277 A67-12569	02 p0277 A67-12614 #
02 p0221 A67-12435	02 p0300 A67-12480 #	02 p0254 A67-12525	02 p0308 A67-12570	02 p0277 A67-12615 #
02 p0339 A67-12436	02 p0252 A67-12481 #	02 p0270 A67-12526*	02 p0310 A67-12571	02 p0277 A67-12616 #
02 p0179 A67-12437 #	02 p0308 A67-12482 #	02 p0185 A67-12527*	02 p0310 A67-12572	02 p0277 A67-12617 #
02 p0179 A67-12438 #	02 p0328 A67-12483 #	02 p0221 A67-12528 #	02 p0310 A67-12573	02 p0277 A67-12618 #
02 p0179 A67-12439 #	02 p0328 A67-12484 #	02 p0205 A67-12529 #	02 p0310 A67-12574	02 p0278 A67-12619 #
02 p0231 A67-12440 #	02 p0328 A67-12485 #	02 p0221 A67-12530 #	02 p0310 A67-12575	02 p0278 A67-12620 #
02 p0180 A67-12441 #	02 p0269 A67-12486 #	02 p0222 A67-12531 #	02 p0310 A67-12576	02 p0278 A67-12621 #
02 p0339 A67-12442 #	02 p0270 A67-12487 #	02 p0205 A67-12532 #	02 p0310 A67-12577	02 p0278 A67-12622 #
02 p0340 A67-12443 #	02 p0308 A67-12488 #	02 p0205 A67-12533 #	02 p0310 A67-12578	02 p0278 A67-12623 #
02 p0340 A67-12444 #	02 p0329 A67-12489 #	02 p0239 A67-12534 #	02 p0330 A67-12579	02 p0278 A67-12624 #
02 p0340 A67-12445 #	02 p0268 A67-12490 #	02 p0239 A67-12535 #	02 p0310 A67-12580	02 p0270 A67-12625 #
02 p0268 A67-12446 #	02 p0308 A67-12491 #	02 p0343 A67-12536 #	02 p0310 A67-12581	02 p0278 A67-12626 #
02 p0231 A67-12447 #	02 p0329 A67-12492 #	02 p0260 A67-12537 #	02 p0310 A67-12582	02 p0278 A67-12627 #
02 p0184 A67-12448 #	02 p0329 A67-12493 #	02 p0250 A67-12538	02 p0310 A67-12583	02 p0278 A67-12628 #
02 p0269 A67-12449*	02 p0329 A67-12494 #	02 p0239 A67-12539 #	02 p0310 A67-12584	02 p0278 A67-12629 #
02 p0269 A67-12450*	02 p0329 A67-12495 #	02 p0205 A67-12540*	02 p0311 A67-12585	02 p0250 A67-12630
02 p0252 A67-12451	02 p0329 A67-12496 #	02 p0234 A67-12541	02 p0311 A67-12586	02 p0250 A67-12631*
02 p0250 A67-12452	02 p0329 A67-12497 #	02 p0234 A67-12542	02 p0311 A67-12587	02 p0189 A67-12632 #
02 p0250 A67-12453*	02 p0329 A67-12498 #	02 p0234 A67-12543	02 p0311 A67-12588	02 p0189 A67-12633*
02 p0250 A67-12454	02 p0250 A67-12499 #	02 p0234 A67-12544	02 p0311 A67-12589	02 p0254 A67-12634
02 p0274 A67-12455	02 p0268 A67-12500 #	02 p0234 A67-12545	02 p0311 A67-12590	02 p0312 A67-12635*
02 p0274 A67-12456	02 p0340 A67-12501	02 p0234 A67-12546	02 p0311 A67-12591	02 p0313 A67-12636
02 p0274 A67-12457	02 p0268 A67-12502	02 p0180 A67-12547 #	02 p0311 A67-12592	02 p0270 A67-12637*
02 p0274 A67-12458	02 p0253 A67-12503	02 p0234 A67-12548	02 p0311 A67-12593	02 p0182 A67-12638 #
02 p0274 A67-12459	02 p0253 A67-12504	02 p0234 A67-12549	02 p0311 A67-12594	02 p0330 A67-12639
02 p0274 A67-12460	02 p0253 A67-12505	02 p0275 A67-12550	02 p0311 A67-12595	02 p0231 A67-12640 #

ACCESSION NUMBER INDEX

02 p0262 A67-12641 #	02 p0247 A67-12686	02 p0265 A67-12731	02 p0317 A67-12776 #	03 p0406 A67-12821
02 p0240 A67-12642 #	02 p0247 A67-12687	02 p0335 A67-12732	02 p0318 A67-12777 #	03 p0406 A67-12822
02 p0235 A67-12643 #	02 p0247 A67-12688	02 p0182 A67-12733 #	02 p0318 A67-12778 #	03 p0406 A67-12823
02 p0263 A67-12644 #	02 p0247 A67-12689	02 p0301 A67-12734 #	02 p0318 A67-12779 #	03 p0406 A67-12824
02 p0263 A67-12645 #	02 p0247 A67-12690	02 p0205 A67-12735 #	02 p0318 A67-12780 #	03 p0406 A67-12825
02 p0343 A67-12646 #	02 p0247 A67-12691	02 p0223 A67-12736 #	02 p0318 A67-12781 #	03 p0407 A67-12826
02 p0263 A67-12647 #	02 p0247 A67-12692*	02 p0248 A67-12737 #	02 p0318 A67-12782 #	03 p0407 A67-12827
02 p0222 A67-12648	02 p0279 A67-12693	02 p0260 A67-12738 #	02 p0318 A67-12783 #	03 p0407 A67-12828
02 p0222 A67-12649	02 p0279 A67-12694	02 p0260 A67-12739 #	02 p0318 A67-12784 #	03 p0407 A67-12829
02 p0222 A67-12650	02 p0247 A67-12695*	02 p0301 A67-12740 #	02 p0319 A67-12785 #	03 p0407 A67-12830
02 p0222 A67-12651	02 p0247 A67-12696*	02 p0254 A67-12741 #	02 p0319 A67-12786 #	03 p0407 A67-12831
02 p0222 A67-12652	02 p0250 A67-12697*	02 p0254 A67-12742 #	02 p0301 A67-12787	03 p0407 A67-12832
02 p0222 A67-12653	02 p0247 A67-12698	02 p0279 A67-12743 #	02 p0235 A67-12788	03 p0407 A67-12833
02 p0222 A67-12654	02 p0248 A67-12699	02 p0313 A67-12744	02 p0182 A67-12789*	03 p0408 A67-12834
02 p0223 A67-12655	02 p0248 A67-12700	02 p0314 A67-12745 #	02 p0306 A67-12790	03 p0505 A67-12835
02 p0223 A67-12656	02 p0256 A67-12701	02 p0248 A67-12746 #	02 p0306 A67-12791	03 p0505 A67-12836
02 p0223 A67-12657	02 p0256 A67-12702	02 p0248 A67-12747 #	02 p0235 A67-12792	03 p0408 A67-12837
02 p0301 A67-12658	02 p0256 A67-12703	02 p0314 A67-12748 #	02 p0180 A67-12793	03 p0408 A67-12838
02 p0340 A67-12659 #	02 p0248 A67-12704	02 p0315 A67-12749 #	02 p0279 A67-12794	03 p0408 A67-12839
02 p0340 A67-12660 #	02 p0256 A67-12705	02 p0315 A67-12750 #	02 p0223 A67-12795 #	03 p0408 A67-12840
02 p0340 A67-12661 #	02 p0256 A67-12706	02 p0271 A67-12751 #	02 p0223 A67-12796 #	03 p0408 A67-12841
02 p0340 A67-12662 #	02 p0256 A67-12707	02 p0271 A67-12752 #	02 p0223 A67-12797 #	03 p0408 A67-12842
02 p0341 A67-12663 #	02 p0256 A67-12708	02 p0271 A67-12753 #	02 p0223 A67-12798 #	03 p0408 A67-12843
02 p0341 A67-12664 #	02 p0256 A67-12709	02 p0271 A67-12754 #	02 p0224 A67-12799 #	03 p0409 A67-12844
02 p0341 A67-12665 #	02 p0250 A67-12710 #	02 p0271 A67-12755 #	02 p0279 A67-12800*	03 p0439 A67-12845*
02 p0341 A67-12666 #	02 p0209 A67-12711 #	02 p0315 A67-12756 #	03 p0405 A67-12801	03 p0353 A67-12846
02 p0255 A67-12667 #	02 p0209 A67-12712 #	02 p0315 A67-12757 #	03 p0376 A67-12802	03 p0466 A67-12847
02 p0260 A67-12668 #	02 p0341 A67-12713 #	02 p0315 A67-12758 #	03 p0389 A67-12803	03 p0466 A67-12848
02 p0180 A67-12669 #	02 p0330 A67-12714	02 p0315 A67-12759 #	03 p0405 A67-12804 #	03 p0508 A67-12849
02 p0223 A67-12670 #	02 p0330 A67-12715	02 p0315 A67-12760 #	03 p0367 A67-12805 #	03 p0363 A67-12850
02 p0263 A67-12671 #	02 p0306 A67-12716 #	02 p0316 A67-12761 #	03 p0487 A67-12806 #	03 p0349 A67-12851
02 p0301 A67-12672 #	02 p0330 A67-12717 #	02 p0316 A67-12762 #	03 p0487 A67-12807 #	03 p0433 A67-12852 #
02 p0301 A67-12673 #	02 p0265 A67-12718 #	02 p0316 A67-12763 #	03 p0487 A67-12808 #	03 p0474 A67-12853 #
02 p0270 A67-12674 #	02 p0330 A67-12719 #	02 p0316 A67-12764 #	03 p0487 A67-12809 #	03 p0467 A67-12854 #
02 p0255 A67-12675 #	02 p0279 A67-12720	02 p0316 A67-12765 #	03 p0487 A67-12810 #	03 p0433 A67-12855 #
02 p0341 A67-12676 #	02 p0270 A67-12721	02 p0316 A67-12766 #	03 p0488 A67-12811 #	03 p0433 A67-12856 #
02 p0223 A67-12677 #	02 p0270 A67-12722*	02 p0316 A67-12767 #	03 p0433 A67-12812 #	03 p0488 A67-12857 #
02 p0343 A67-12678 #	02 p0271 A67-12723*	02 p0316 A67-12768 #	03 p0488 A67-12813 #	03 p0488 A67-12858 #
02 p0343 A67-12679	02 p0271 A67-12724*	02 p0317 A67-12769 #	03 p0488 A67-12814 #	03 p0456 A67-12859 #
02 p0235 A67-12680	02 p0268 A67-12725*	02 p0317 A67-12770 #	03 p0488 A67-12815 #	03 p0467 A67-12860 #
02 p0227 A67-12681 #	02 p0268 A67-12726	02 p0317 A67-12771 #	03 p0488 A67-12816 #	03 p0456 A67-12861 #
02 p0227 A67-12682 #	02 p0269 A67-12727*	02 p0317 A67-12772 #	03 p0488 A67-12817 #	03 p0349 A67-12862 #
02 p0209 A67-12683 #	02 p0257 A67-12728	02 p0317 A67-12773 #	03 p0406 A67-12818	03 p0349 A67-12863 #
02 p0246 A67-12684	02 p0257 A67-12729	02 p0317 A67-12774 #	03 p0406 A67-12819	03 p0349 A67-12864 #
02 p0279 A67-12685*	02 p0205 A67-12730	02 p0317 A67-12775 #	03 p0406 A67-12820	03 p0349 A67-12865 #

ACCESSION NUMBER INDEX

03 p0532 A67-12866 #	03 p0350 A67-12911 #	03 p0505 A67-12956 #	03 p0464 A67-13001	03 p0411 A67-13046*
03 p0400 A67-12867 #	03 p0350 A67-12912*#	03 p0410 A67-12957*#	03 p0464 A67-13002	03 p0467 A67-13047*
03 p0349 A67-12868 #	03 p0365 A67-12913 #	03 p0505 A67-12958 #	03 p0464 A67-13003	03 p0508 A67-13048*
03 p0401 A67-12869 #	03 p0354 A67-12914*#	03 p0506 A67-12959 #	03 p0464 A67-13004	03 p0508 A67-13049*
03 p0401 A67-12870 #	03 p0394 A67-12915 #	03 p0410 A67-12960*#	03 p0502 A67-13005	03 p0506 A67-13050*
03 p0401 A67-12871 #	03 p0350 A67-12916 #	03 p0411 A67-12961*#	03 p0502 A67-13006	03 p0448 A67-13051
03 p0401 A67-12872 #	03 p0426 A67-12917 #	03 p0506 A67-12962 #	03 p0502 A67-13007	03 p0448 A67-13052*
03 p0349 A67-12873 #	03 p0354 A67-12918*#	03 p0389 A67-12963	03 p0503 A67-13008	03 p0448 A67-13053*
03 p0350 A67-12874 #	03 p0402 A67-12919 #	03 p0376 A67-12964	03 p0503 A67-13009	03 p0448 A67-13054*
03 p0401 A67-12875 #	03 p0474 A67-12920 #	03 p0354 A67-12965	03 p0352 A67-13010	03 p0448 A67-13055*
03 p0401 A67-12876 #	03 p0474 A67-12921 #	03 p0537 A67-12966	03 p0352 A67-13011	03 p0448 A67-13056*
03 p0401 A67-12877 #	03 p0475 A67-12922 #	03 p0537 A67-12967	03 p0503 A67-13012	03 p0448 A67-13057*
03 p0401 A67-12878 #	03 p0475 A67-12923 #	03 p0357 A67-12968	03 p0503 A67-13013	03 p0533 A67-13058
03 p0350 A67-12879 #	03 p0439 A67-12924	03 p0357 A67-12969	03 p0503 A67-13014	03 p0534 A67-13059
03 p0520 A67-12880 #	03 p0440 A67-12925	03 p0357 A67-12970	03 p0502 A67-13015	03 p0534 A67-13060
03 p0401 A67-12881 #	03 p0488 A67-12926	03 p0357 A67-12971	03 p0426 A67-13016	03 p0449 A67-13061
03 p0402 A67-12882 #	03 p0440 A67-12927	03 p0357 A67-12972	03 p0520 A67-13017	03 p0449 A67-13062*
03 p0402 A67-12883 #	03 p0467 A67-12928	03 p0357 A67-12973	03 p0521 A67-13018	03 p0534 A67-13063
03 p0456 A67-12884 #	03 p0532 A67-12929	03 p0357 A67-12974	03 p0521 A67-13019	03 p0534 A67-13064*
03 p0456 A67-12885 #	03 p0520 A67-12930	03 p0358 A67-12975	03 p0521 A67-13020	03 p0534 A67-13065
03 p0350 A67-12886 #	03 p0475 A67-12931	03 p0358 A67-12976	03 p0521 A67-13021	03 p0517 A67-13066*
03 p0467 A67-12887 #	03 p0467 A67-12932	03 p0358 A67-12977	03 p0521 A67-13022	03 p0534 A67-13067*
03 p0433 A67-12888 #	03 p0475 A67-12933	03 p0538 A67-12978	03 p0521 A67-13023	03 p0534 A67-13068
03 p0433 A67-12889 #	03 p0475 A67-12934	03 p0358 A67-12979	03 p0427 A67-13024	03 p0534 A67-13069*
03 p0433 A67-12890 #	03 p0470 A67-12935	03 p0358 A67-12980	03 p0465 A67-13025	03 p0534 A67-13070*
03 p0488 A67-12891 #	03 p0475 A67-12936	03 p0363 A67-12981	03 p0532 A67-13026	03 p0517 A67-13071*
03 p0467 A67-12892 #	03 p0489 A67-12937	03 p0358 A67-12982	03 p0517 A67-13027	03 p0517 A67-13072*
03 p0467 A67-12893 #	03 p0367 A67-12938	03 p0418 A67-12983	03 p0517 A67-13028	03 p0517 A67-13073
03 p0433 A67-12894 #	03 p0475 A67-12939	03 p0358 A67-12984	03 p0394 A67-13029	03 p0518 A67-13074*
03 p0418 A67-12895 #	03 p0470 A67-12940	03 p0359 A67-12985	03 p0394 A67-13030	03 p0535 A67-13075
03 p0418 A67-12896 #	03 p0433 A67-12941	03 p0359 A67-12986	03 p0394 A67-13031	03 p0419 A67-13076 #
03 p0362 A67-12897 #	03 p0409 A67-12942 #	03 p0359 A67-12987	03 p0532 A67-13032	03 p0419 A67-13077 #
03 p0367 A67-12898 #	03 p0409 A67-12943*#	03 p0350 A67-12988	03 p0447 A67-13033*	03 p0419 A67-13078 #
03 p0502 A67-12899 #	03 p0409 A67-12944*#	03 p0350 A67-12989	03 p0418 A67-13034*	03 p0419 A67-13079 #
03 p0517 A67-12900 #	03 p0409 A67-12945 #	03 p0532 A67-12990	03 p0447 A67-13035	03 p0389 A67-13080 #
03 p0354 A67-12901 #	03 p0409 A67-12946 #	03 p0351 A67-12991	03 p0448 A67-13036*	03 p0374 A67-13081 #
03 p0502 A67-12902 #	03 p0409 A67-12947*#	03 p0351 A67-12992	03 p0418 A67-13037	03 p0374 A67-13082 #
03 p0350 A67-12903 #	03 p0410 A67-12948 #	03 p0359 A67-12993	03 p0448 A67-13038	03 p0374 A67-13083 #
03 p0502 A67-12904 #	03 p0394 A67-12949*#	03 p0351 A67-12994	03 p0467 A67-13039*	03 p0365 A67-13084 #
03 p0354 A67-12905 #	03 p0505 A67-12950*#	03 p0351 A67-12995	03 p0419 A67-13040*	03 p0389 A67-13085 #
03 p0354 A67-12906 #	03 p0410 A67-12951*#	03 p0351 A67-12996	03 p0440 A67-13041*	03 p0503 A67-13086 #
03 p0464 A67-12907 #	03 p0410 A67-12952 #	03 p0351 A67-12997	03 p0467 A67-13042	03 p0475 A67-13087 #
03 p0354 A67-12908*#	03 p0410 A67-12953*#	03 p0418 A67-12998	03 p0533 A67-13043*	03 p0475 A67-13088 #
03 p0354 A67-12909 #	03 p0410 A67-12954 #	03 p0366 A67-12999	03 p0411 A67-13044*	03 p0367 A67-13089 #
03 p0350 A67-12910 #	03 p0410 A67-12955*#	03 p0351 A67-13000*	03 p0411 A67-13045	03 p0389 A67-13090 #

ACCESSION NUMBER INDEX

03 p0376 A67-13091 #	03 p0436 A67-13136 #	03 p0391 A67-13181 #	03 p0428 A67-13226*#	03 p0428 A67-13271*#
03 p0377 A67-13092 #	03 p0436 A67-13137 #	03 p0374 A67-13182 #	03 p0428 A67-13227*#	03 p0441 A67-13272*#
03 p0489 A67-13093 #	03 p0436 A67-13138 #	03 p0457 A67-13183 #	03 p0367 A67-13228*#	03 p0441 A67-13273*#
03 p0433 A67-13094 #	03 p0368 A67-13139 #	03 p0509 A67-13184 #	03 p0419 A67-13229*#	03 p0368 A67-13274 #
03 p0433 A67-13095 #	03 p0368 A67-13140 #	03 p0391 A67-13185 #	03 p0522 A67-13230*#	03 p0368 A67-13275 #
03 p0434 A67-13096 #	03 p0436 A67-13141 #	03 p0391 A67-13186 #	03 p0428 A67-13231*#	03 p0368 A67-13276 #
03 p0390 A67-13097	03 p0436 A67-13142 #	03 p0391 A67-13187 #	03 p0377 A67-13232	03 p0368 A67-13277 #
03 p0390 A67-13098	03 p0436 A67-13143 #	03 p0391 A67-13188 #	03 p0363 A67-13233	03 p0368 A67-13278 #
03 p0390 A67-13099	03 p0489 A67-13144 #	03 p0359 A67-13189 #	03 p0377 A67-13234 #	03 p0368 A67-13279 #
03 p0390 A67-13100	03 p0489 A67-13145 #	03 p0427 A67-13190	03 p0377 A67-13235 #	03 p0368 A67-13280 #
03 p0390 A67-13101	03 p0489 A67-13146 #	03 p0427 A67-13191 #	03 p0377 A67-13236 #	03 p0368 A67-13281 #
03 p0390 A67-13102	03 p0489 A67-13147 #	03 p0427 A67-13192 #	03 p0377 A67-13237 #	03 p0368 A67-13282 #
03 p0390 A67-13103	03 p0489 A67-13148 #	03 p0427 A67-13193 #	03 p0377 A67-13238 #	03 p0368 A67-13283 #
03 p0390 A67-13104	03 p0489 A67-13149 #	03 p0427 A67-13194 #	03 p0377 A67-13239 #	03 p0378 A67-13284 #
03 p0509 A67-13105	03 p0489 A67-13150 #	03 p0428 A67-13195 #	03 p0377 A67-13240 #	03 p0378 A67-13285 #
03 p0377 A67-13106	03 p0490 A67-13151 #	03 p0428 A67-13196 #	03 p0378 A67-13241 #	03 p0437 A67-13286 #
03 p0377 A67-13107	03 p0490 A67-13152 #	03 p0428 A67-13197 #	03 p0491 A67-13242 #	03 p0378 A67-13287 #
03 p0390 A67-13108	03 p0436 A67-13153 #	03 p0440 A67-13198	03 p0378 A67-13243 #	03 p0378 A67-13288 #
03 p0390 A67-13109	03 p0490 A67-13154 #	03 p0449 A67-13199	03 p0378 A67-13244 #	03 p0378 A67-13289 #
03 p0456 A67-13110 #	03 p0490 A67-13155 #	03 p0538 A67-13200	03 p0378 A67-13245 #	03 p0378 A67-13290 #
03 p0467 A67-13111 #	03 p0490 A67-13156 #	03 p0436 A67-13201 #	03 p0378 A67-13246 #	03 p0378 A67-13291 #
03 p0456 A67-13112 #	03 p0490 A67-13157 #	03 p0491 A67-13202 #	03 p0378 A67-13247 #	03 p0437 A67-13292 #
03 p0457 A67-13113 #	03 p0490 A67-13158 #	03 p0476 A67-13203	03 p0491 A67-13248 #	03 p0379 A67-13293 #
03 p0457 A67-13114 #	03 p0490 A67-13159 #	03 p0509 A67-13204	03 p0378 A67-13249 #	03 p0379 A67-13294 #
03 p0457 A67-13115 #	03 p0490 A67-13160 #	03 p0509 A67-13205	03 p0440 A67-13250	03 p0492 A67-13295 #
03 p0457 A67-13116 #	03 p0490 A67-13161 #	03 p0522 A67-13206	03 p0440 A67-13251	03 p0476 A67-13296 #
03 p0434 A67-13117 #	03 p0457 A67-13162	03 p0437 A67-13207	03 p0440 A67-13252	03 p0437 A67-13297 #
03 p0535 A67-13118 #	03 p0457 A67-13163	03 p0437 A67-13208	03 p0441 A67-13253	03 p0509 A67-13298 #
03 p0535 A67-13119 #	03 p0457 A67-13164*	03 p0437 A67-13209	03 p0441 A67-13254	03 p0365 A67-13299
03 p0535 A67-13120 #	03 p0509 A67-13165	03 p0476 A67-13210	03 p0441 A67-13255	03 p0365 A67-13300
03 p0521 A67-13121	03 p0411 A67-13166	03 p0522 A67-13211	03 p0491 A67-13256	03 p0379 A67-13301
03 p0522 A67-13122	03 p0509 A67-13167	03 p0522 A67-13212	03 p0449 A67-13257	03 p0441 A67-13302
03 p0367 A67-13123	03 p0368 A67-13168	03 p0522 A67-13213	03 p0441 A67-13258	03 p0442 A67-13303
03 p0434 A67-13124	03 p0374 A67-13169	03 p0468 A67-13214	03 p0491 A67-13259	03 p0449 A67-13304
03 p0434 A67-13125 #	03 p0363 A67-13170	03 p0509 A67-13215*	03 p0492 A67-13260	03 p0442 A67-13305
03 p0435 A67-13126 #	03 p0457 A67-13171	03 p0470 A67-13216	03 p0506 A67-13261	03 p0449 A67-13306
03 p0435 A67-13127 #	03 p0402 A67-13172	03 p0509 A67-13217	03 p0419 A67-13262 #	03 p0449 A67-13307
03 p0435 A67-13128 #	03 p0475 A67-13173	03 p0470 A67-13218	03 p0419 A67-13263 #	03 p0450 A67-13308
03 p0435 A67-13129 #	03 p0491 A67-13174 #	03 p0470 A67-13219	03 p0419 A67-13264 #	03 p0442 A67-13309
03 p0435 A67-13130 #	03 p0491 A67-13175 #	03 p0471 A67-13220*	03 p0391 A67-13265	03 p0442 A67-13310*
03 p0435 A67-13131 #	03 p0491 A67-13176 #	03 p0471 A67-13221	03 p0391 A67-13266*	03 p0442 A67-13311
03 p0435 A67-13132 #	03 p0475 A67-13177 #	03 p0471 A67-13222	03 p0465 A67-13267	03 p0450 A67-13312
03 p0435 A67-13133 #	03 p0475 A67-13178 #	03 p0471 A67-13223	03 p0458 A67-13268	03 p0352 A67-13313 #
03 p0435 A67-13134 #	03 p0476 A67-13179 #	03 p0491 A67-13224*	03 p0458 A67-13269*	03 p0471 A67-13314 #
03 p0436 A67-13135 #	03 p0390 A67-13180	03 p0471 A67-13225*	03 p0392 A67-13270	03 p0492 A67-13315 #

ACCESSION NUMBER INDEX

03 p0506 A67-13316 #	03 p0493 A67-13361 #	03 p0452 A67-13406	03 p0420 A67-13451	03 p0510 A67-13496
03 p0509 A67-13317 #	03 p0493 A67-13362 #	03 p0452 A67-13407*	03 p0493 A67-13452	03 p0518 A67-13497
03 p0471 A67-13318*	03 p0493 A67-13363 #	03 p0443 A67-13408	03 p0493 A67-13453	03 p0395 A67-13498
03 p0471 A67-13319	03 p0465 A67-13364	03 p0452 A67-13409	03 p0413 A67-13454	03 p0462 A67-13499
03 p0472 A67-13320	03 p0468 A67-13365	03 p0453 A67-13410	03 p0413 A67-13455	03 p0535 A67-13500 #
03 p0472 A67-13321	03 p0412 A67-13366	03 p0453 A67-13411	03 p0510 A67-13456	03 p0523 A67-13501 #
03 p0472 A67-13322	03 p0412 A67-13367*	03 p0453 A67-13412*	03 p0523 A67-13457 #	03 p0523 A67-13502 #
03 p0472 A67-13323	03 p0518 A67-13368*	03 p0453 A67-13413	03 p0477 A67-13458	03 p0524 A67-13503 #
03 p0472 A67-13324*	03 p0359 A67-13369*	03 p0443 A67-13414	03 p0523 A67-13459 #	03 p0380 A67-13504 #
03 p0492 A67-13325*	03 p0412 A67-13370	03 p0443 A67-13415	03 p0458 A67-13460 #	03 p0458 A67-13505 #
03 p0492 A67-13326	03 p0412 A67-13371	03 p0453 A67-13416	03 p0493 A67-13461 #	03 p0510 A67-13506*
03 p0492 A67-13327	03 p0412 A67-13372	03 p0429 A67-13417	03 p0477 A67-13462 #	03 p0413 A67-13507*
03 p0492 A67-13328	03 p0412 A67-13373	03 p0443 A67-13418	03 p0473 A67-13463 #	03 p0494 A67-13508
03 p0472 A67-13329*	03 p0413 A67-13374	03 p0453 A67-13419	03 p0535 A67-13464 #	03 p0477 A67-13509 #
03 p0379 A67-13330	03 p0413 A67-13375	03 p0454 A67-13420	03 p0402 A67-13465 #	03 p0477 A67-13510 #
03 p0429 A67-13331 #	03 p0419 A67-13376	03 p0454 A67-13421	03 p0477 A67-13466 #	03 p0495 A67-13511*
03 p0429 A67-13332 #	03 p0395 A67-13377	03 p0454 A67-13422	03 p0523 A67-13467	03 p0473 A67-13512*
03 p0429 A67-13333	03 p0420 A67-13378*	03 p0454 A67-13423	03 p0523 A67-13468	03 p0495 A67-13513
03 p0510 A67-13334*	03 p0374 A67-13379	03 p0454 A67-13424	03 p0523 A67-13469	03 p0495 A67-13514*
03 p0472 A67-13335*	03 p0420 A67-13380	03 p0454 A67-13425	03 p0445 A67-13470	03 p0495 A67-13515*
03 p0367 A67-13336*	03 p0395 A67-13381	03 p0454 A67-13426	03 p0445 A67-13471	03 p0506 A67-13516 #
03 p0402 A67-13337	03 p0375 A67-13382*	03 p0429 A67-13427	03 p0493 A67-13472	03 p0506 A67-13517 #
03 p0468 A67-13338 #	03 p0368 A67-13383*	03 p0455 A67-13428	03 p0468 A67-13473	03 p0535 A67-13518 #
03 p0458 A67-13339 #	03 p0395 A67-13384	03 p0443 A67-13429	03 p0477 A67-13474	03 p0367 A67-13519*
03 p0458 A67-13340 #	03 p0395 A67-13385	03 p0444 A67-13430	03 p0494 A67-13475	03 p0473 A67-13520
03 p0510 A67-13341 #	03 p0395 A67-13386	03 p0444 A67-13431	03 p0494 A67-13476	03 p0473 A67-13521
03 p0458 A67-13342 #	03 p0458 A67-13387 #	03 p0444 A67-13432*	03 p0379 A67-13477	03 p0473 A67-13522*
03 p0476 A67-13343 #	03 p0437 A67-13388 #	03 p0444 A67-13433	03 p0494 A67-13478	03 p0473 A67-13523*
03 p0492 A67-13344 #	03 p0379 A67-13389	03 p0444 A67-13434	03 p0379 A67-13479	03 p0367 A67-13524*
03 p0411 A67-13345 #	03 p0472 A67-13390*	03 p0444 A67-13435	03 p0379 A67-13480	03 p0495 A67-13525*
03 p0411 A67-13346 #	03 p0522 A67-13391	03 p0444 A67-13436	03 p0494 A67-13481	03 p0536 A67-13526 #
03 p0411 A67-13347 #	03 p0468 A67-13392 #	03 p0429 A67-13437	03 p0380 A67-13482	03 p0477 A67-13527 #
03 p0458 A67-13348 #	03 p0360 A67-13393 #	03 p0445 A67-13438	03 p0380 A67-13483	03 p0445 A67-13528
03 p0468 A67-13349 #	03 p0465 A67-13394 #	03 p0445 A67-13439	03 p0494 A67-13484	03 p0445 A67-13529
03 p0510 A67-13350 #	03 p0535 A67-13395 #	03 p0455 A67-13440	03 p0494 A67-13485	03 p0369 A67-13530
03 p0493 A67-13351 #	03 p0535 A67-13396 #	03 p0455 A67-13441*	03 p0380 A67-13486	03 p0413 A67-13531
03 p0493 A67-13352 #	03 p0518 A67-13397 #	03 p0522 A67-13442	03 p0494 A67-13487	03 p0495 A67-13532
03 p0476 A67-13353 #	03 p0363 A67-13398 #	03 p0522 A67-13443	03 p0380 A67-13488	03 p0495 A67-13533
03 p0476 A67-13354 #	03 p0450 A67-13399	03 p0523 A67-13444	03 p0380 A67-13489	03 p0477 A67-13534
03 p0476 A67-13355 #	03 p0451 A67-13400	03 p0455 A67-13445	03 p0494 A67-13490	03 p0363 A67-13535
03 p0402 A67-13356 #	03 p0451 A67-13401*	03 p0523 A67-13446	03 p0510 A67-13491	03 p0437 A67-13536 #
03 p0476 A67-13357 #	03 p0452 A67-13402	03 p0455 A67-13447	03 p0503 A67-13492*	03 p0478 A67-13537 #
03 p0476 A67-13358 #	03 p0452 A67-13403	03 p0429 A67-13448	03 p0503 A67-13493	03 p0510 A67-13538
03 p0402 A67-13359 #	03 p0442 A67-13404	03 p0402 A67-13449	03 p0504 A67-13494	03 p0365 A67-13539 #
03 p0477 A67-13360 #	03 p0452 A67-13405	03 p0392 A67-13450	03 p0395 A67-13495	03 p0518 A67-13540 #

ACCESSION NUMBER INDEX

03 p0429 A67-13541	03 p0369 A67-13586 #	03 p0352 A67-13631 #	03 p0420 A67-13676*	03 p0396 A67-13721
03 p0395 A67-13542	03 p0459 A67-13587	03 p0459 A67-13632 #	03 p0496 A67-13677	03 p0479 A67-13722
03 p0446 A67-13543	03 p0392 A67-13588	03 p0375 A67-13633	03 p0437 A67-13678	03 p0479 A67-13723 #
03 p0456 A67-13544	03 p0459 A67-13589	03 p0381 A67-13634	03 p0382 A67-13679	03 p0480 A67-13724 #
03 p0420 A67-13545	03 p0459 A67-13590	03 p0396 A67-13635	03 p0369 A67-13680	03 p0480 A67-13725 #
03 p0468 A67-13546	03 p0459 A67-13591	03 p0381 A67-13636	03 p0420 A67-13681*	03 p0480 A67-13726 #
03 p0495 A67-13547	03 p0510 A67-13592*	03 p0381 A67-13637	03 p0392 A67-13682	03 p0480 A67-13727 #
03 p0420 A67-13548	03 p0468 A67-13593	03 p0446 A67-13638 #	03 p0369 A67-13683	03 p0480 A67-13728 #
03 p0430 A67-13549	03 p0363 A67-13594*	03 p0447 A67-13639 #	03 p0413 A67-13684	03 p0480 A67-13729 #
03 p0524 A67-13550	03 p0392 A67-13595 #	03 p0447 A67-13640 #	03 p0382 A67-13685	03 p0480 A67-13730 #
03 p0369 A67-13551	03 p0392 A67-13596 #	03 p0447 A67-13641 #	03 p0479 A67-13686 #	03 p0481 A67-13731 #
03 p0446 A67-13552	03 p0363 A67-13597 #	03 p0459 A67-13642 #	03 p0536 A67-13687 #	03 p0403 A67-13732 #
03 p0446 A67-13553	03 p0375 A67-13598 #	03 p0459 A67-13643 #	03 p0536 A67-13688 #	03 p0481 A67-13733 #
03 p0446 A67-13554*	03 p0392 A67-13599 #	03 p0459 A67-13644 #	03 p0403 A67-13689 #	03 p0481 A67-13734 #
03 p0430 A67-13555	03 p0518 A67-13600 #	03 p0459 A67-13645 #	03 p0430 A67-13690 #	03 p0481 A67-13735 #
03 p0430 A67-13556*	03 p0518 A67-13601 #	03 p0496 A67-13646	03 p0430 A67-13691 #	03 p0481 A67-13736 #
03 p0380 A67-13557 #	03 p0478 A67-13602 #	03 p0447 A67-13647*	03 p0430 A67-13692 #	03 p0481 A67-13737 #
03 p0496 A67-13558 #	03 p0478 A67-13603 #	03 p0496 A67-13648*	03 p0430 A67-13693 #	03 p0481 A67-13738 #
03 p0369 A67-13559	03 p0478 A67-13604 #	03 p0511 A67-13649	03 p0430 A67-13694 #	03 p0482 A67-13739 #
03 p0375 A67-13560*	03 p0478 A67-13605 #	03 p0511 A67-13650	03 p0538 A67-13695	03 p0511 A67-13740 #
03 p0375 A67-13561	03 p0473 A67-13606 #	03 p0506 A67-13651	03 p0497 A67-13696	03 p0482 A67-13741 #
03 p0375 A67-13562	03 p0536 A67-13607 #	03 p0511 A67-13652	03 p0497 A67-13697	03 p0482 A67-13742 #
03 p0375 A67-13563	03 p0536 A67-13608 #	03 p0511 A67-13653	03 p0497 A67-13698	03 p0482 A67-13743 #
03 p0446 A67-13564	03 p0446 A67-13609 #	03 p0524 A67-13654 #	03 p0497 A67-13699	03 p0482 A67-13744 #
03 p0420 A67-13565	03 p0536 A67-13610 #	03 p0459 A67-13655 #	03 p0497 A67-13700	03 p0482 A67-13745 #
03 p0446 A67-13566	03 p0536 A67-13611 #	03 p0460 A67-13656 #	03 p0497 A67-13701	03 p0482 A67-13746 #
03 p0420 A67-13567	03 p0536 A67-13612 #	03 p0469 A67-13657 #	03 p0497 A67-13702	03 p0482 A67-13747 #
03 p0496 A67-13568	03 p0473 A67-13613 #	03 p0392 A67-13658 #	03 p0497 A67-13703	03 p0383 A67-13748
03 p0496 A67-13569	03 p0478 A67-13614 #	03 p0536 A67-13659 #	03 p0498 A67-13704	03 p0431 A67-13749
03 p0420 A67-13570	03 p0478 A67-13615 #	03 p0369 A67-13660 #	03 p0498 A67-13705	03 p0396 A67-13750
03 p0496 A67-13571	03 p0468 A67-13616 #	03 p0524 A67-13661 #	03 p0498 A67-13706	03 p0383 A67-13751
03 p0437 A67-13572	03 p0465 A67-13617 #	03 p0381 A67-13662	03 p0498 A67-13707	03 p0396 A67-13752
03 p0478 A67-13573	03 p0402 A67-13618 #	03 p0381 A67-13663	03 p0498 A67-13708	03 p0396 A67-13753
03 p0420 A67-13574*	03 p0402 A67-13619 #	03 p0381 A67-13664	03 p0421 A67-13709	03 p0431 A67-13754 #
03 p0506 A67-13575	03 p0352 A67-13620 #	03 p0375 A67-13665*	03 p0382 A67-13710	03 p0403 A67-13755 #
03 p0437 A67-13576	03 p0478 A67-13621 #	03 p0381 A67-13666	03 p0382 A67-13711	03 p0431 A67-13756*
03 p0496 A67-13577	03 p0524 A67-13622 #	03 p0382 A67-13667	03 p0375 A67-13712 #	03 p0431 A67-13757 #
03 p0478 A67-13578	03 p0524 A67-13623 #	03 p0382 A67-13668	03 p0382 A67-13713	03 p0431 A67-13758 #
03 p0380 A67-13579 #	03 p0524 A67-13624 #	03 p0496 A67-13669	03 p0392 A67-13714	03 p0431 A67-13759 #
03 p0380 A67-13580 #	03 p0468 A67-13625 #	03 p0382 A67-13670	03 p0393 A67-13715	03 p0431 A67-13760*
03 p0369 A67-13581 #	03 p0392 A67-13626 #	03 p0382 A67-13671	03 p0469 A67-13716	03 p0431 A67-13761 #
03 p0380 A67-13582 #	03 p0402 A67-13627 #	03 p0382 A67-13672	03 p0403 A67-13717	03 p0432 A67-13762 #
03 p0380 A67-13583 #	03 p0403 A67-13628 #	03 p0382 A67-13673	03 p0469 A67-13718*	03 p0432 A67-13763 #
03 p0381 A67-13584 #	03 p0479 A67-13629 #	03 p0496 A67-13674	03 p0469 A67-13719	03 p0432 A67-13764 #
03 p0381 A67-13585 #	03 p0403 A67-13630 #	03 p0496 A67-13675	03 p0506 A67-13720 #	03 p0432 A67-13765 #

ACCESSION NUMBER INDEX

03 p0421 A67-13766	03 p0507 A67-13811 #	03 p0370 A67-13856	03 p0393 A67-13901	03 p0371 A67-13946 #
03 p0403 A67-13767	03 p0507 A67-13812 #	03 p0370 A67-13857	03 p0393 A67-13902	03 p0371 A67-13947 #
03 p0421 A67-13768*	03 p0507 A67-13813 #	03 p0370 A67-13858	03 p0462 A67-13903	03 p0461 A67-13948 #
03 p0403 A67-13769	03 p0511 A67-13814 #	03 p0385 A67-13859	03 p0423 A67-13904	03 p0393 A67-13949 #
03 p0421 A67-13770	03 p0511 A67-13815 #	03 p0385 A67-13860	03 p0423 A67-13905	03 p0393 A67-13950 #
03 p0422 A67-13771	03 p0352 A67-13816 #	03 p0385 A67-13861	03 p0423 A67-13906	03 p0385 A67-13951 #
03 p0422 A67-13772*	03 p0383 A67-13817	03 p0370 A67-13862	03 p0423 A67-13907	03 p0385 A67-13952 #
03 p0422 A67-13773*	03 p0525 A67-13818	03 p0371 A67-13863	03 p0423 A67-13908*	03 p0385 A67-13953 #
03 p0396 A67-13774	03 p0460 A67-13819*	03 p0385 A67-13864	03 p0499 A67-13909*	03 p0385 A67-13954 #
03 p0422 A67-13775	03 p0460 A67-13820	03 p0371 A67-13865	03 p0499 A67-13910*	03 p0499 A67-13955 #
03 p0422 A67-13776	03 p0460 A67-13821	03 p0371 A67-13866	03 p0424 A67-13911	03 p0386 A67-13956 #
03 p0403 A67-13777	03 p0460 A67-13822	03 p0371 A67-13867	03 p0438 A67-13912	03 p0386 A67-13957 #
03 p0404 A67-13778	03 p0525 A67-13823	03 p0498 A67-13868	03 p0424 A67-13913	03 p0386 A67-13958 #
03 p0422 A67-13779	03 p0432 A67-13824	03 p0498 A67-13869	03 p0483 A67-13914	03 p0371 A67-13959 #
03 p0360 A67-13780 #	03 p0460 A67-13825	03 p0498 A67-13870	03 p0424 A67-13915	03 p0386 A67-13960 #
03 p0360 A67-13781 #	03 p0369 A67-13826	03 p0525 A67-13871	03 p0371 A67-13916*	03 p0386 A67-13961 #
03 p0519 A67-13782 #	03 p0383 A67-13827	03 p0525 A67-13872	03 p0507 A67-13917*	03 p0438 A67-13962 #
03 p0538 A67-13783 #	03 p0383 A67-13828	03 p0504 A67-13873	03 p0360 A67-13918	03 p0386 A67-13963 #
03 p0404 A67-13784*#	03 p0384 A67-13829	03 p0499 A67-13874	03 p0360 A67-13919	03 p0386 A67-13964 #
03 p0524 A67-13785 #	03 p0370 A67-13830	03 p0483 A67-13875	03 p0360 A67-13920	03 p0386 A67-13965 #
03 p0524 A67-13786 #	03 p0370 A67-13831	03 p0499 A67-13876	03 p0360 A67-13921	03 p0525 A67-13966*#
03 p0524 A67-13787 #	03 p0525 A67-13832 #	03 p0511 A67-13877 #	03 p0463 A67-13922	03 p0525 A67-13967 #
03 p0524 A67-13788 #	03 p0432 A67-13833*#	03 p0512 A67-13878 #	03 p0512 A67-13923*	03 p0526 A67-13968 #
03 p0383 A67-13789	03 p0462 A67-13834 #	03 p0460 A67-13879	03 p0364 A67-13924	03 p0526 A67-13969 #
03 p0383 A67-13790	03 p0460 A67-13835 #	03 p0460 A67-13880	03 p0447 A67-13925	03 p0526 A67-13970*#
03 p0519 A67-13791	03 p0404 A67-13836 #	03 p0460 A67-13881*	03 p0473 A67-13926*	03 p0526 A67-13971
03 p0360 A67-13792	03 p0483 A67-13837 #	03 p0404 A67-13882	03 p0364 A67-13927	03 p0404 A67-13972
03 p0525 A67-13793	03 p0498 A67-13838 #	03 p0483 A67-13883	03 p0366 A67-13928	03 p0404 A67-13973
03 p0396 A67-13794	03 p0498 A67-13839 #	03 p0393 A67-13884	03 p0519 A67-13929	03 p0393 A67-13974
03 p0383 A67-13795	03 p0498 A67-13840 #	03 p0483 A67-13885	03 p0463 A67-13930 #	03 p0393 A67-13975*
03 p0511 A67-13796*	03 p0498 A67-13841 #	03 p0499 A67-13886	03 p0413 A67-13931 #	03 p0386 A67-13976
03 p0447 A67-13797	03 p0536 A67-13842 #	03 p0512 A67-13887	03 p0463 A67-13932 #	03 p0386 A67-13977
03 p0466 A67-13798	03 p0384 A67-13843	03 p0512 A67-13888	03 p0414 A67-13933*#	03 p0386 A67-13978
03 p0369 A67-13799*	03 p0384 A67-13844	03 p0396 A67-13889	03 p0512 A67-13934 #	03 p0393 A67-13979
03 p0447 A67-13800 #	03 p0384 A67-13845	03 p0404 A67-13890	03 p0463 A67-13935 #	03 p0386 A67-13980
03 p0438 A67-13801	03 p0384 A67-13846	03 p0360 A67-13891	03 p0512 A67-13936*#	03 p0386 A67-13981
03 p0469 A67-13802*	03 p0384 A67-13847	03 p0512 A67-13892	03 p0499 A67-13937	03 p0438 A67-13982
03 p0423 A67-13803	03 p0384 A67-13848	03 p0456 A67-13893	03 p0460 A67-13938 #	03 p0393 A67-13983
03 p0423 A67-13804	03 p0384 A67-13849	03 p0352 A67-13894	03 p0461 A67-13939 #	03 p0393 A67-13984
03 p0376 A67-13805	03 p0385 A67-13850	03 p0525 A67-13895	03 p0461 A67-13940 #	03 p0499 A67-13985
03 p0423 A67-13806*	03 p0385 A67-13851	03 p0352 A67-13896	03 p0461 A67-13941 #	03 p0438 A67-13986
03 p0423 A67-13807	03 p0370 A67-13852	03 p0397 A67-13897	03 p0461 A67-13942 #	03 p0376 A67-13987
03 p0469 A67-13808	03 p0396 A67-13853	03 p0525 A67-13898	03 p0469 A67-13943 #	03 p0438 A67-13988
03 p0511 A67-13809 #	03 p0370 A67-13854	03 p0352 A67-13899	03 p0414 A67-13944 #	03 p0438 A67-13989
03 p0507 A67-13810 #	03 p0370 A67-13855	03 p0512 A67-13900	03 p0371 A67-13945 #	03 p0371 A67-13990

ACCESSION NUMBER INDEX

03 p0372 A67-13991	03 p0483 A67-14036*	03 p0528 A67-14081 #	03 p0397 A67-14126*#	03 p0530 A67-14171 #
03 p0438 A67-13992	03 p0484 A67-14037*	03 p0353 A67-14082 #	03 p0519 A67-14127*#	03 p0520 A67-14172 #
03 p0500 A67-13993	03 p0484 A67-14038*	03 p0432 A67-14083 #	03 p0376 A67-14129 #	03 p0530 A67-14173 #
03 p0387 A67-13994	03 p0484 A67-14039	03 p0529 A67-14084 #	03 p0519 A67-14129 #	03 p0530 A67-14174 #
03 p0483 A67-13995	03 p0484 A67-14040	03 p0414 A67-14085	03 p0397 A67-14130*#	03 p0530 A67-14175 #
03 p0387 A67-13996	03 p0484 A67-14041*	03 p0414 A67-14086 #	03 p0519 A67-14131*#	03 p0530 A67-14176 #
03 p0393 A67-13997	03 p0484 A67-14042	03 p0414 A67-14087 #	03 p0519 A67-14132 #	03 p0530 A67-14177 #
03 p0387 A67-13998	03 p0484 A67-14043*	03 p0513 A67-14088*#	03 p0397 A67-14133*#	03 p0469 A67-14178 #
03 p0387 A67-13999 #	03 p0484 A67-14044	03 p0414 A67-14089*#	03 p0538 A67-14134 #	03 p0424 A67-14179 #
03 p0387 A67-14000 #	03 p0485 A67-14045	03 p0414 A67-14090 #	03 p0466 A67-14135 #	03 p0530 A67-14180 #
03 p0387 A67-14001 #	03 p0485 A67-14046	03 p0372 A67-14091 #	03 p0504 A67-14136 #	03 p0500 A67-14181
03 p0512 A67-14002	03 p0485 A67-14047	03 p0387 A67-14092 #	03 p0366 A67-14137*#	03 p0388 A67-14182
03 p0507 A67-14003	03 p0485 A67-14048	03 p0372 A67-14093 #	03 p0520 A67-14138*#	03 p0388 A67-14183
03 p0512 A67-14004	03 p0485 A67-14049	03 p0387 A67-14094 #	03 p0361 A67-14139 #	03 p0514 A67-14184
03 p0513 A67-14005	03 p0537 A67-14050	03 p0486 A67-14095 #	03 p0520 A67-14140*#	03 p0438 A67-14185 #
03 p0513 A67-14006*	03 p0485 A67-14051	03 p0361 A67-14096 #	03 p0520 A67-14141 #	03 p0438 A67-14186 #
03 p0536 A67-14007 #	03 p0485 A67-14052	03 p0513 A67-14097*#	03 p0361 A67-14142 #	03 p0486 A67-14187 #
03 p0537 A67-14008 #	03 p0485 A67-14053*	03 p0513 A67-14098 #	03 p0520 A67-14143*#	03 p0438 A67-14188 #
03 p0537 A67-14009 #	03 p0486 A67-14054*	03 p0519 A67-14099 #	03 p0353 A67-14144 #	03 p0438 A67-14189 #
03 p0352 A67-14010 #	03 p0486 A67-14055	03 p0465 A67-14100*#	03 p0353 A67-14145 #	03 p0438 A67-14190 #
03 p0404 A67-14011 #	03 p0486 A67-14056*	03 p0387 A67-14101	03 p0362 A67-14146 #	03 p0456 A67-14191
03 p0537 A67-14012*#	03 p0372 A67-14057 #	03 p0397 A67-14102	03 p0362 A67-14147*#	03 p0447 A67-14192
03 p0537 A67-14013*#	03 p0424 A67-14058 #	03 p0529 A67-14103 #	03 p0397 A67-14148*#	03 p0456 A67-14193
03 p0537 A67-14014 #	03 p0507 A67-14059 #	03 p0397 A67-14104 #	03 p0466 A67-14149*#	03 p0486 A67-14194 #
03 p0360 A67-14015 #	03 p0461 A67-14060 #	03 p0461 A67-14105	03 p0466 A67-14150*#	03 p0486 A67-14195 #
03 p0424 A67-14016 #	03 p0461 A67-14061 #	03 p0461 A67-14106	03 p0514 A67-14151*#	03 p0500 A67-14196 #
03 p0519 A67-14017 #	03 p0394 A67-14062 #	03 p0461 A67-14107	03 p0362 A67-14152 #	03 p0439 A67-14197 #
03 p0361 A67-14018 #	03 p0526 A67-14063 #	03 p0462 A67-14108	03 p0363 A67-14153 #	03 p0486 A67-14198 #
03 p0361 A67-14019 #	03 p0486 A67-14064 #	03 p0462 A67-14109	03 p0529 A67-14154 #	03 p0530 A67-14199 #
03 p0513 A67-14020*#	03 p0500 A67-14065 #	03 p0415 A67-14110*	03 p0504 A67-14155*#	03 p0531 A67-14200 #
03 p0361 A67-14021 #	03 p0513 A67-14066 #	03 p0415 A67-14111	03 p0504 A67-14156*#	03 p0397 A67-14201
03 p0361 A67-14022 #	03 p0500 A67-14067 #	03 p0513 A67-14112	03 p0465 A67-14157 #	03 p0398 A67-14202
03 p0366 A67-14023 #	03 p0526 A67-14068	03 p0513 A67-14113	03 p0424 A67-14158 #	03 p0398 A67-14203
03 p0361 A67-14024 #	03 p0527 A67-14069 #	03 p0415 A67-14114*	03 p0424 A67-14159 #	03 p0398 A67-14204
03 p0474 A67-14025	03 p0527 A67-14070 #	03 p0415 A67-14115	03 p0465 A67-14160 #	03 p0398 A67-14205
03 p0405 A67-14026	03 p0527 A67-14071 #	03 p0507 A67-14116	03 p0469 A67-14161 #	03 p0399 A67-14206
03 p0397 A67-14027	03 p0527 A67-14072 #	03 p0415 A67-14117	03 p0432 A67-14162 #	03 p0399 A67-14207
03 p0405 A67-14028	03 p0527 A67-14073 #	03 p0415 A67-14118	03 p0529 A67-14163 #	03 p0399 A67-14208
03 p0405 A67-14029	03 p0527 A67-14074 #	03 p0486 A67-14119	03 p0529 A67-14164 #	03 p0399 A67-14209*
03 p0405 A67-14030	03 p0528 A67-14075 #	03 p0372 A67-14120	03 p0529 A67-14165 #	03 p0399 A67-14210*
03 p0405 A67-14031	03 p0528 A67-14076 #	03 p0387 A67-14121	03 p0529 A67-14166 #	03 p0399 A67-14211*
03 p0463 A67-14032	03 p0528 A67-14077 #	03 p0388 A67-14122	03 p0529 A67-14167 #	03 p0399 A67-14212*
03 p0483 A67-14033	03 p0528 A67-14078 #	03 p0504 A67-14123 #	03 p0529 A67-14168 #	03 p0399 A67-14213*
03 p0483 A67-14034	03 p0461 A67-14079 #	03 p0466 A67-14124*#	03 p0530 A67-14169 #	03 p0424 A67-14214
03 p0483 A67-14035	03 p0528 A67-14080 #	03 p0519 A67-14125 #	03 p0530 A67-14170 #	03 p0400 A67-14215

ACCESSION NUMBER INDEX

03 p0388 A67-14216	03 p0424 A67-14261 #	03 p0353 A67-14306	03 p0474 A67-14351 #	03 p0426 A67-14396
03 p0400 A67-14217	03 p0425 A67-14262 #	03 p0353 A67-14307	03 p0474 A67-14352 #	03 p0426 A67-14397
03 p0400 A67-14218*	03 p0425 A67-14263 #	03 p0400 A67-14308	03 p0374 A67-14353 #	03 p0426 A67-14398
03 p0394 A67-14219	03 p0425 A67-14264 #	03 p0514 A67-14309*	03 p0487 A67-14354 #	03 p0439 A67-14399
03 p0400 A67-14220	03 p0425 A67-14265 #	03 p0514 A67-14310	03 p0501 A67-14355 #	03 p0470 A67-14400
03 p0538 A67-14221	03 p0376 A67-14266 #	03 p0514 A67-14311*	03 p0374 A67-14356 #	03 p0426 A67-14401
03 p0376 A67-14222	03 p0388 A67-14267 #	03 p0514 A67-14312*	03 p0418 A67-14357*#	04 p0579 A67-14402
03 p0400 A67-14223	03 p0425 A67-14268 #	03 p0508 A67-14313	03 p0474 A67-14358	04 p0707 A67-14403*
03 p0463 A67-14224 #	03 p0432 A67-14269 #	03 p0537 A67-14314*	03 p0508 A67-14359	04 p0707 A67-14404 #
03 p0463 A67-14225 #	03 p0388 A67-14270 #	03 p0508 A67-14315	03 p0531 A67-14360	04 p0567 A67-14405 #
03 p0463 A67-14226 #	03 p0388 A67-14271 #	03 p0514 A67-14316	03 p0531 A67-14361	04 p0564 A67-14406*
03 p0415 A67-14227 #	03 p0388 A67-14272	03 p0508 A67-14317*	03 p0531 A67-14362	04 p0560 A67-14407*
03 p0463 A67-14228 #	03 p0373 A67-14273	03 p0514 A67-14318	03 p0531 A67-14363	04 p0560 A67-14408*
03 p0464 A67-14229 #	03 p0504 A67-14274*#	03 p0515 A67-14319	03 p0531 A67-14364	04 p0648 A67-14409
03 p0531 A67-14230 #	03 p0504 A67-14275 #	03 p0515 A67-14320	03 p0531 A67-14365	04 p0550 A67-14410
03 p0500 A67-14231 #	03 p0376 A67-14276	03 p0515 A67-14321*	03 p0531 A67-14366 #	04 p0545 A67-14411 #
03 p0500 A67-14232 #	03 p0389 A67-14277	03 p0515 A67-14322	03 p0439 A67-14367	04 p0618 A67-14412 #
03 p0372 A67-14233	03 p0464 A67-14278	03 p0515 A67-14323	03 p0501 A67-14368	04 p0594 A67-14413 #
03 p0415 A67-14234	03 p0389 A67-14279	03 p0515 A67-14324	03 p0501 A67-14369	04 p0662 A67-14414
03 p0416 A67-14235 #	03 p0439 A67-14280 #	03 p0508 A67-14325	03 p0501 A67-14370	04 p0579 A67-14415
03 p0416 A67-14236 #	03 p0425 A67-14281 #	03 p0515 A67-14326*	03 p0439 A67-14371	04 p0631 A67-14416
03 p0416 A67-14237 #	03 p0425 A67-14282 #	03 p0515 A67-14327	03 p0501 A67-14372	04 p0691 A67-14417
03 p0372 A67-14238 #	03 p0425 A67-14283 #	03 p0462 A67-14328 #	03 p0501 A67-14373	04 p0590 A67-14418
03 p0372 A67-14239 #	03 p0465 A67-14284 #	03 p0374 A67-14329 #	03 p0502 A67-14374	04 p0591 A67-14419
03 p0417 A67-14240 #	03 p0425 A67-14285 #	03 p0365 A67-14330 #	03 p0474 A67-14375	04 p0591 A67-14420
03 p0417 A67-14241 #	03 p0426 A67-14286 #	03 p0515 A67-14331	03 p0439 A67-14376	04 p0591 A67-14421
03 p0417 A67-14242 #	03 p0364 A67-14287 #	03 p0500 A67-14332*	03 p0502 A67-14377	04 p0550 A67-14422
03 p0417 A67-14243*#	03 p0364 A67-14288	03 p0474 A67-14333*	03 p0389 A67-14378	04 p0707 A67-14423
03 p0372 A67-14244 #	03 p0366 A67-14289*	03 p0516 A67-14334	03 p0362 A67-14379 #	04 p0739 A67-14424
03 p0373 A67-14245*#	03 p0364 A67-14290	03 p0516 A67-14335	03 p0538 A67-14380 #	04 p0562 A67-14425
03 p0417 A67-14246 #	03 p0366 A67-14291 #	03 p0516 A67-14336	03 p0362 A67-14381 #	04 p0703 A67-14426
03 p0373 A67-14247 #	03 p0364 A67-14292	03 p0516 A67-14337	03 p0505 A67-14382 #	04 p0553 A67-14427
03 p0417 A67-14248 #	03 p0366 A67-14293*	03 p0516 A67-14338	03 p0362 A67-14383*#	04 p0687 A67-14428
03 p0417 A67-14249 #	03 p0364 A67-14294	03 p0516 A67-14339	03 p0539 A67-14384 #	04 p0635 A67-14429
03 p0417 A67-14250 #	03 p0364 A67-14295 #	03 p0516 A67-14340*#	03 p0466 A67-14385 #	04 p0635 A67-14430
03 p0418 A67-14251 #	03 p0365 A67-14296 #	03 p0501 A67-14341 #	03 p0532 A67-14386 #	04 p0635 A67-14431
03 p0373 A67-14252 #	03 p0365 A67-14297	03 p0462 A67-14342 #	03 p0505 A67-14387	04 p0627 A67-14432
03 p0373 A67-14253 #	03 p0365 A67-14298	03 p0487 A67-14343 #	03 p0508 A67-14388	04 p0691 A67-14433
03 p0373 A67-14254 #	03 p0362 A67-14299 #	03 p0426 A67-14344 #	03 p0366 A67-14389	04 p0739 A67-14434
03 p0373 A67-14255 #	03 p0362 A67-14300 #	03 p0501 A67-14345 #	03 p0456 A67-14390	04 p0687 A67-14435
03 p0462 A67-14256	03 p0426 A67-14301	03 p0501 A67-14346 #	03 p0470 A67-14391	04 p0568 A67-14436
03 p0462 A67-14257 #	03 p0426 A67-14302	03 p0501 A67-14347 #	03 p0470 A67-14392	04 p0568 A67-14437
03 p0405 A67-14258 #	03 p0389 A67-14303	03 p0516 A67-14348 #	03 p0470 A67-14393	04 p0568 A67-14438
03 p0405 A67-14259 #	03 p0537 A67-14304	03 p0389 A67-14349 #	03 p0439 A67-14394	04 p0545 A67-14439
03 p0388 A67-14260 #	03 p0353 A67-14305	03 p0501 A67-14350 #	03 p0439 A67-14395	04 p0545 A67-14440

ACCESSION NUMBER INDEX

04 p0707 A67-14441	04 p0694 A67-14486	04 p0720 A67-14531	04 p0636 A67-14576 #	04 p0663 A67-14621 #
04 p0600 A67-14442	04 p0601 A67-14487	04 p0695 A67-14532	04 p0720 A67-14577	04 p0708 A67-14622
04 p0707 A67-14443	04 p0719 A67-14488	04 p0619 A67-14533 #	04 p0688 A67-14578 #	04 p0551 A67-14623 #
04 p0656 A67-14444	04 p0560 A67-14489*	04 p0595 A67-14534	04 p0627 A67-14579	04 p0688 A67-14624 #
04 p0707 A67-14445	04 p0545 A67-14490 #	04 p0562 A67-14535	04 p0553 A67-14580 #	04 p0563 A67-14625*#
04 p0600 A67-14446*	04 p0579 A67-14491 #	04 p0545 A67-14536 #	04 p0660 A67-14581	04 p0561 A67-14626
04 p0656 A67-14447	04 p0707 A67-14492 #	04 p0708 A67-14537 #	04 p0560 A67-14582*	04 p0561 A67-14627
04 p0656 A67-14448	04 p0611 A67-14493	04 p0720 A67-14538 #	04 p0643 A67-14583	04 p0561 A67-14628
04 p0579 A67-14449 #	04 p0694 A67-14494	04 p0562 A67-14539 #	04 p0708 A67-14584	04 p0561 A67-14629
04 p0579 A67-14450 #	04 p0692 A67-14495	04 p0595 A67-14540 #	04 p0569 A67-14585*	04 p0563 A67-14630
04 p0568 A67-14451 #	04 p0618 A67-14496	04 p0695 A67-14541	04 p0641 A67-14586	04 p0561 A67-14631
04 p0579 A67-14452 #	04 p0568 A67-14497	04 p0545 A67-14542 #	04 p0641 A67-14587 #	04 p0561 A67-14632
04 p0568 A67-14453 #	04 p0739 A67-14498	04 p0595 A67-14543 #	04 p0692 A67-14588 #	04 p0561 A67-14633
04 p0568 A67-14454 #	04 p0568 A67-14499	04 p0562 A67-14544	04 p0580 A67-14589	04 p0562 A67-14634
04 p0579 A67-14455 #	04 p0595 A67-14500	04 p0619 A67-14545 #	04 p0662 A67-14590 #	04 p0687 A67-14635 #
04 p0600 A67-14456 #	04 p0569 A67-14501	04 p0687 A67-14546 #	04 p0551 A67-14591 #	04 p0591 A67-14636 #
04 p0600 A67-14457 #	04 p0569 A67-14502	04 p0703 A67-14547	04 p0561 A67-14592*	04 p0720 A67-14637
04 p0601 A67-14458 #	04 p0694 A67-14503	04 p0550 A67-14548 #	04 p0561 A67-14593*	04 p0602 A67-14638
04 p0601 A67-14459 #	04 p0591 A67-14504	04 p0740 A67-14549 #	04 p0580 A67-14594	04 p0602 A67-14639
04 p0719 A67-14460 #	04 p0619 A67-14505	04 p0703 A67-14550	04 p0619 A67-14595	04 p0546 A67-14640
04 p0627 A67-14461 #	04 p0569 A67-14506	04 p0553 A67-14551 #	04 p0580 A67-14596	04 p0602 A67-14641
04 p0601 A67-14462 #	04 p0720 A67-14507	04 p0619 A67-14552 #	04 p0580 A67-14597	04 p0603 A67-14642
04 p0545 A67-14463 #	04 p0601 A67-14508	04 p0703 A67-14553	04 p0602 A67-14598	04 p0603 A67-14643
04 p0719 A67-14464 #	04 p0602 A67-14509	04 p0655 A67-14554 #	04 p0641 A67-14599	04 p0720 A67-14644
04 p0601 A67-14465 #	04 p0720 A67-14510	04 p0695 A67-14555 #	04 p0636 A67-14600	04 p0721 A67-14645
04 p0611 A67-14466	04 p0635 A67-14511*	04 p0740 A67-14556	04 p0703 A67-14601	04 p0721 A67-14646
04 p0601 A67-14467	04 p0707 A67-14512	04 p0652 A67-14557 #	04 p0636 A67-14602	04 p0648 A67-14647 #
04 p0550 A67-14468 #	04 p0635 A67-14513*	04 p0655 A67-14558 #	04 p0563 A67-14603	04 p0603 A67-14648 #
04 p0694 A67-14469	04 p0695 A67-14514	04 p0687 A67-14559 #	04 p0703 A67-14604	04 p0721 A67-14649*#
04 p0694 A67-14470	04 p0695 A67-14515 #	04 p0688 A67-14560 #	04 p0653 A67-14605	04 p0611 A67-14650 #
04 p0694 A67-14471	04 p0591 A67-14516 #	04 p0595 A67-14561 #	04 p0619 A67-14606	04 p0611 A67-14651 #
04 p0686 A67-14472	04 p0695 A67-14517 #	04 p0652 A67-14562 #	04 p0580 A67-14607	04 p0612 A67-14652 #
04 p0564 A67-14473	04 p0673 A67-14518	04 p0635 A67-14563 #	04 p0674 A67-14608 #	04 p0612 A67-14653*#
04 p0553 A67-14474*	04 p0662 A67-14519*	04 p0688 A67-14564 #	04 p0674 A67-14609 #	04 p0612 A67-14654*#
04 p0553 A67-14475	04 p0562 A67-14520*	04 p0703 A67-14565	04 p0674 A67-14610 #	04 p0695 A67-14655 #
04 p0673 A67-14476	04 p0643 A67-14521*#	04 p0551 A67-14566 #	04 p0660 A67-14611 #	04 p0695 A67-14656 #
04 p0673 A67-14477	04 p0565 A67-14522*	04 p0546 A67-14567 #	04 p0674 A67-14612 #	04 p0695 A67-14657 #
04 p0659 A67-14478*	04 p0565 A67-14523*	04 p0602 A67-14568 #	04 p0662 A67-14613 #	04 p0591 A67-14658 #
04 p0694 A67-14479	04 p0565 A67-14524*	04 p0602 A67-14569 #	04 p0663 A67-14614 #	04 p0591 A67-14659 #
04 p0694 A67-14480	04 p0560 A67-14525*	04 p0595 A67-14570	04 p0663 A67-14615 #	04 p0643 A67-14660 #
04 p0642 A67-14481 #	04 p0674 A67-14526*	04 p0688 A67-14571 #	04 p0663 A67-14616 #	04 p0721 A67-14661 #
04 p0673 A67-14482 #	04 p0641 A67-14527*	04 p0569 A67-14572 #	04 p0602 A67-14617 #	04 p0643 A67-14662 #
04 p0601 A67-14483 #	04 p0641 A67-14528*	04 p0562 A67-14573 #	04 p0602 A67-14618 #	04 p0551 A67-14663 #
04 p0694 A67-14484	04 p0619 A67-14529 #	04 p0551 A67-14574	04 p0674 A67-14619 #	04 p0553 A67-14664 #
04 p0691 A67-14485*	04 p0687 A67-14530 #	04 p0546 A67-14575 #	04 p0674 A67-14620 #	04 p0553 A67-14665 #

ACCESSION NUMBER INDEX

04 p0553 A67-14666 #	04 p0722 A67-14711	04 p0644 A67-14756	04 p0613 A67-14801*#	04 p0604 A67-14846 #
04 p0591 A67-14667 #	04 p0722 A67-14712	04 p0675 A67-14757*	04 p0613 A67-14802 #	04 p0723 A67-14847 #
04 p0643 A67-14668 #	04 p0722 A67-14713	04 p0660 A67-14758*	04 p0551 A67-14803	04 p0664 A67-14848 #
04 p0721 A67-14669 #	04 p0722 A67-14714	04 p0697 A67-14759*	04 p0636 A67-14804 #	04 p0547 A67-14849 #
04 p0643 A67-14670 #	04 p0722 A67-14715	04 p0675 A67-14760 #	04 p0627 A67-14805 #	04 p0657 A67-14850 #
04 p0708 A67-14671 #	04 p0722 A67-14716	04 p0675 A67-14761 #	04 p0697 A67-14806 #	04 p0547 A67-14851 #
04 p0648 A67-14672	04 p0603 A67-14717	04 p0675 A67-14762 #	04 p0697 A67-14807 #	04 p0710 A67-14852 #
04 p0648 A67-14673 #	04 p0722 A67-14718	04 p0631 A67-14763 #	04 p0698 A67-14808 #	04 p0644 A67-14853 #
04 p0648 A67-14674 #	04 p0674 A67-14719	04 p0632 A67-14764 #	04 p0698 A67-14809 #	04 p0698 A67-14854*#
04 p0648 A67-14675 #	04 p0674 A67-14720	04 p0632 A67-14765 #	04 p0709 A67-14810*#	04 p0613 A67-14855 #
04 p0612 A67-14676 #	04 p0663 A67-14721	04 p0663 A67-14766 #	04 p0709 A67-14811 #	04 p0641 A67-14856
04 p0649 A67-14677 #	04 p0631 A67-14722	04 p0663 A67-14767 #	04 p0709 A67-14812 #	04 p0692 A67-14857
04 p0649 A67-14678*#	04 p0696 A67-14723	04 p0663 A67-14768 #	04 p0709 A67-14813 #	04 p0660 A67-14858*
04 p0569 A67-14679 #	04 p0643 A67-14724 #	04 p0675 A67-14769 #	04 p0709 A67-14814 #	04 p0580 A67-14859
04 p0569 A67-14680*#	04 p0643 A67-14725 #	04 p0632 A67-14770 #	04 p0546 A67-14815*#	04 p0570 A67-14860
04 p0649 A67-14681*#	04 p0643 A67-14726 #	04 p0663 A67-14771 #	04 p0546 A67-14816*#	04 p0591 A67-14861
04 p0649 A67-14682*#	04 p0643 A67-14727 #	04 p0644 A67-14772	04 p0546 A67-14817*#	04 p0592 A67-14862
04 p0649 A67-14683 #	04 p0643 A67-14728 #	04 p0697 A67-14773	04 p0546 A67-14818 #	04 p0580 A67-14863
04 p0569 A67-14684 #	04 p0644 A67-14729 #	04 p0697 A67-14774	04 p0547 A67-14819 #	04 p0581 A67-14864
04 p0570 A67-14685 #	04 p0619 A67-14730	04 p0697 A67-14775	04 p0547 A67-14820 #	04 p0570 A67-14865
04 p0649 A67-14686 #	04 p0603 A67-14731	04 p0704 A67-14776	04 p0664 A67-14821 #	04 p0644 A67-14866
04 p0649 A67-14687 #	04 p0620 A67-14732	04 p0664 A67-14777	04 p0664 A67-14822*#	04 p0578 A67-14867
04 p0650 A67-14688 #	04 p0603 A67-14733*	04 p0604 A67-14778	04 p0664 A67-14823*#	04 p0650 A67-14868
04 p0650 A67-14689 #	04 p0620 A67-14734	04 p0546 A67-14779	04 p0722 A67-14824 #	04 p0644 A67-14869
04 p0612 A67-14690	04 p0696 A67-14735	04 p0546 A67-14780	04 p0591 A67-14825 #	04 p0653 A67-14870
04 p0695 A67-14691	04 p0696 A67-14736*	04 p0546 A67-14781	04 p0704 A67-14826 #	04 p0570 A67-14871
04 p0660 A67-14692	04 p0696 A67-14737	04 p0604 A67-14782	04 p0704 A67-14827*#	04 p0620 A67-14872
04 p0660 A67-14693	04 p0696 A67-14738	04 p0546 A67-14783	04 p0704 A67-14828 #	04 p0570 A67-14873
04 p0612 A67-14694	04 p0696 A67-14739	04 p0708 A67-14784	04 p0704 A67-14829*#	04 p0570 A67-14874
04 p0613 A67-14695	04 p0697 A67-14740*	04 p0708 A67-14785	04 p0604 A67-14830 #	04 p0578 A67-14875
04 p0613 A67-14696	04 p0697 A67-14741	04 p0708 A67-14786	04 p0604 A67-14831 #	04 p0653 A67-14876
04 p0613 A67-14697	04 p0627 A67-14742 #	04 p0708 A67-14787	04 p0641 A67-14832 #	04 p0570 A67-14877*
04 p0660 A67-14698	04 p0570 A67-14743 #	04 p0708 A67-14788	04 p0547 A67-14833*#	04 p0570 A67-14878
04 p0696 A67-14699	04 p0663 A67-14744 #	04 p0708 A67-14789	04 p0709 A67-14834*#	04 p0581 A67-14879
04 p0696 A67-14700*	04 p0631 A67-14745 #	04 p0620 A67-14790	04 p0687 A67-14835*#	04 p0692 A67-14880
04 p0721 A67-14701	04 p0656 A67-14746 #	04 p0664 A67-14791	04 p0604 A67-14836 #	04 p0657 A67-14881
04 p0721 A67-14702	04 p0604 A67-14747 #	04 p0604 A67-14792	04 p0723 A67-14837*#	04 p0653 A67-14882 #
04 p0703 A67-14703	04 p0620 A67-14748 #	04 p0708 A67-14793	04 p0604 A67-14838 #	04 p0554 A67-14883 #
04 p0619 A67-14704*	04 p0580 A67-14749 #	04 p0546 A67-14794	04 p0656 A67-14839*#	04 p0592 A67-14884 #
04 p0627 A67-14705	04 p0636 A67-14750 #	04 p0708 A67-14795	04 p0604 A67-14840 #	04 p0644 A67-14885 #
04 p0627 A67-14706	04 p0636 A67-14751 #	04 p0708 A67-14796	04 p0709 A67-14841 #	04 p0698 A67-14886 #
04 p0627 A67-14707	04 p0636 A67-14752 #	04 p0578 A67-14797	04 p0547 A67-14842 #	04 p0657 A67-14887
04 p0721 A67-14708	04 p0636 A67-14753 #	04 p0563 A67-14798	04 p0709 A67-14843 #	04 p0657 A67-14888
04 p0603 A67-14709	04 p0644 A67-14754	04 p0563 A67-14799	04 p0709 A67-14844 #	04 p0620 A67-14889
04 p0603 A67-14710	04 p0644 A67-14755	04 p0578 A67-14800	04 p0604 A67-14845 #	04 p0620 A67-14890

ACCESSION NUMBER INDEX

04 p0581 A67-14891	04 p0677 A67-14936 #	04 p0699 A67-14981 #	04 p0554 A67-15026	04 p0598 A67-15071
04 p0581 A67-14892	04 p0637 A67-14937 #	04 p0699 A67-14982 #	04 p0705 A67-15027	04 p0700 A67-15072
04 p0620 A67-14893	04 p0677 A67-14938 #	04 p0638 A67-14983 #	04 p0571 A67-15028	04 p0700 A67-15073
04 p0653 A67-14894	04 p0677 A67-14939 #	04 p0605 A67-14984 #	04 p0572 A67-15029	04 p0574 A67-15074
04 p0571 A67-14895	04 p0698 A67-14940 #	04 p0547 A67-14985	04 p0572 A67-15030	04 p0574 A67-15075
04 p0571 A67-14896	04 p0637 A67-14941 #	04 p0645 A67-14986*	04 p0699 A67-15031*	04 p0632 A67-15076
04 p0613 A67-14897	04 p0637 A67-14942 #	04 p0605 A67-14987	04 p0572 A67-15032	04 p0581 A67-15077
04 p0632 A67-14898	04 p0677 A67-14943 #	04 p0605 A67-14988*	04 p0572 A67-15033	04 p0582 A67-15078
04 p0621 A67-14899 #	04 p0637 A67-14944 #	04 p0605 A67-14989*	04 p0572 A67-15034	04 p0592 A67-15079
04 p0614 A67-14900 #	04 p0637 A67-14945 #	04 p0664 A67-14990	04 p0572 A67-15035	04 p0565 A67-15080
04 p0692 A67-14901 #	04 p0660 A67-14946*	04 p0595 A67-14991	04 p0573 A67-15036	04 p0657 A67-15081
04 p0704 A67-14902*	04 p0677 A67-14947*	04 p0547 A67-14992	04 p0573 A67-15037	04 p0645 A67-15082
04 p0644 A67-14903 #	04 p0692 A67-14948*	04 p0596 A67-14993	04 p0573 A67-15038	04 p0657 A67-15083
04 p0592 A67-14904 #	04 p0632 A67-14949	04 p0596 A67-14994	04 p0573 A67-15039	04 p0592 A67-15084
04 p0592 A67-14905 #	04 p0614 A67-14950*#	04 p0704 A67-14995	04 p0573 A67-15040	04 p0645 A67-15085
04 p0644 A67-14906	04 p0698 A67-14951*#	04 p0638 A67-14996	04 p0653 A67-15041	04 p0642 A67-15086*
04 p0636 A67-14907	04 p0699 A67-14952*#	04 p0704 A67-14997	04 p0653 A67-15042	04 p0642 A67-15087*
04 p0636 A67-14908*	04 p0692 A67-14953*#	04 p0705 A67-14998*	04 p0573 A67-15043	04 p0578 A67-15088*
04 p0637 A67-14909	04 p0614 A67-14954*#	04 p0606 A67-14999 #	04 p0653 A67-15044	04 p0565 A67-15089
04 p0637 A67-14910	04 p0614 A67-14955 #	04 p0705 A67-15000	04 p0654 A67-15045	04 p0565 A67-15090
04 p0710 A67-14911	04 p0614 A67-14956 #	04 p0705 A67-15001*	04 p0574 A67-15046*	04 p0565 A67-15091
04 p0592 A67-14912	04 p0614 A67-14957 #	04 p0710 A67-15002	04 p0596 A67-15047	04 p0565 A67-15092
04 p0632 A67-14913	04 p0614 A67-14958 #	04 p0710 A67-15003	04 p0596 A67-15048*	04 p0566 A67-15093
04 p0632 A67-14914	04 p0615 A67-14959 #	04 p0710 A67-15004	04 p0596 A67-15049	04 p0566 A67-15094
04 p0698 A67-14915	04 p0692 A67-14960*#	04 p0710 A67-15005*	04 p0581 A67-15050	04 p0566 A67-15095
04 p0698 A67-14916	04 p0693 A67-14961 #	04 p0645 A67-15006	04 p0596 A67-15051*	04 p0582 A67-15096
04 p0698 A67-14917	04 p0693 A67-14962 #	04 p0705 A67-15007	04 p0581 A67-15052	04 p0582 A67-15097
04 p0621 A67-14918 #	04 p0693 A67-14963*#	04 p0638 A67-15008	04 p0581 A67-15053	04 p0582 A67-15098
04 p0621 A67-14919 #	04 p0693 A67-14964 #	04 p0645 A67-15009	04 p0574 A67-15054	04 p0633 A67-15099
04 p0581 A67-14920 #	04 p0699 A67-14965 #	04 p0723 A67-15010	04 p0574 A67-15055	04 p0633 A67-15100
04 p0675 A67-14921 #	04 p0699 A67-14966*#	04 p0645 A67-15011	04 p0574 A67-15056	04 p0677 A67-15101
04 p0675 A67-14922 #	04 p0615 A67-14967*#	04 p0688 A67-15012	04 p0578 A67-15057	04 p0711 A67-15102
04 p0675 A67-14923 #	04 p0615 A67-14968*#	04 p0689 A67-15013	04 p0574 A67-15058	04 p0665 A67-15103
04 p0675 A67-14924 #	04 p0615 A67-14969 #	04 p0638 A67-15014	04 p0654 A67-15059	04 p0582 A67-15104
04 p0676 A67-14925 #	04 p0615 A67-14970 #	04 p0664 A67-15015	04 p0654 A67-15060	04 p0665 A67-15105
04 p0676 A67-14926 #	04 p0615 A67-14971 #	04 p0689 A67-15016	04 p0654 A67-15061	04 p0582 A67-15106
04 p0632 A67-14927 #	04 p0615 A67-14972*#	04 p0664 A67-15017	04 p0596 A67-15062	04 p0677 A67-15107*
04 p0676 A67-14928 #	04 p0693 A67-14973*#	04 p0554 A67-15018	04 p0597 A67-15063*	04 p0660 A67-15108
04 p0676 A67-14929 #	04 p0693 A67-14974*#	04 p0689 A67-15019	04 p0699 A67-15064	04 p0665 A67-15109
04 p0676 A67-14930 #	04 p0637 A67-14975	04 p0689 A67-15020	04 p0597 A67-15065	04 p0633 A67-15110
04 p0676 A67-14931 #	04 p0710 A67-14976	04 p0689 A67-15021	04 p0597 A67-15066	04 p0633 A67-15111
04 p0676 A67-14932 #	04 p0627 A67-14977	04 p0690 A67-15022	04 p0597 A67-15067	04 p0665 A67-15112
04 p0676 A67-14933 #	04 p0595 A67-14978 #	04 p0690 A67-15023	04 p0597 A67-15068	04 p0657 A67-15113*
04 p0676 A67-14934 #	04 p0704 A67-14979*#	04 p0690 A67-15024	04 p0598 A67-15069	04 p0621 A67-15114
04 p0677 A67-14935 #	04 p0699 A67-14980 #	04 p0554 A67-15025	04 p0700 A67-15070	04 p0638 A67-15115

ACCESSION NUMBER INDEX

04 p0621 A67-15116	04 p0575 A67-15161 #	04 p0667 A67-15206 #	04 p0554 A67-15251 #	04 p0681 A67-15296
04 p0723 A67-15117	04 p0575 A67-15162 #	04 p0667 A67-15207 #	04 p0711 A67-15252 #	04 p0681 A67-15297
04 p0677 A67-15118*	04 p0575 A67-15163 #	04 p0667 A67-15208 #	04 p0706 A67-15253*#	04 p0681 A67-15298
04 p0665 A67-15119	04 p0583 A67-15164 #	04 p0667 A67-15209 #	04 p0598 A67-15254 #	04 p0633 A67-15299
04 p0657 A67-15120	04 p0665 A67-15165 #	04 p0667 A67-15210 #	04 p0548 A67-15255 #	04 p0622 A67-15300
04 p0677 A67-15121	04 p0621 A67-15166 #	04 p0667 A67-15211 #	04 p0645 A67-15256	04 p0623 A67-15301 #
04 p0678 A67-15122	04 p0575 A67-15167 #	04 p0667 A67-15212 #	04 p0646 A67-15257 #	04 p0623 A67-15302 #
04 p0606 A67-15123	04 p0583 A67-15168 #	04 p0667 A67-15213 #	04 p0646 A67-15258 #	04 p0576 A67-15303 #
04 p0678 A67-15124	04 p0583 A67-15169 #	04 p0575 A67-15214 #	04 p0646 A67-15259 #	04 p0650 A67-15304 #
04 p0582 A67-15125	04 p0575 A67-15170 #	04 p0667 A67-15215 #	04 p0646 A67-15260 #	04 p0623 A67-15305*#
04 p0621 A67-15126	04 p0583 A67-15171 #	04 p0668 A67-15216 #	04 p0646 A67-15261 #	04 p0633 A67-15306 #
04 p0621 A67-15127	04 p0650 A67-15172	04 p0668 A67-15217 #	04 p0646 A67-15262 #	04 p0657 A67-15307 #
04 p0554 A67-15128	04 p0566 A67-15173	04 p0650 A67-15218	04 p0706 A67-15263	04 p0628 A67-15308 #
04 p0678 A67-15129 #	04 p0598 A67-15174	04 p0616 A67-15219 #	04 p0621 A67-15264	04 p0628 A67-15309 #
04 p0678 A67-15130 #	04 p0638 A67-15175	04 p0616 A67-15220 #	04 p0622 A67-15265	04 p0628 A67-15310 #
04 p0678 A67-15131 #	04 p0598 A67-15176*	04 p0616 A67-15221 #	04 p0551 A67-15266	04 p0628 A67-15311 #
04 p0678 A67-15132 #	04 p0700 A67-15177 #	04 p0616 A67-15222 #	04 p0583 A67-15267	04 p0628 A67-15312 #
04 p0678 A67-15133 #	04 p0665 A67-15178	04 p0616 A67-15223 #	04 p0622 A67-15268	04 p0628 A67-15313 #
04 p0678 A67-15134 #	04 p0665 A67-15179	04 p0616 A67-15224 #	04 p0583 A67-15269	04 p0681 A67-15314 #
04 p0678 A67-15135 #	04 p0666 A67-15180	04 p0616 A67-15225 #	04 p0668 A67-15270	04 p0623 A67-15315*#
04 p0679 A67-15136 #	04 p0666 A67-15181	04 p0700 A67-15226 #	04 p0668 A67-15271	04 p0623 A67-15316 #
04 p0679 A67-15137 #	04 p0666 A67-15182	04 p0616 A67-15227 #	04 p0668 A67-15272	04 p0584 A67-15317 #
04 p0679 A67-15138 #	04 p0606 A67-15183	04 p0701 A67-15228 #	04 p0668 A67-15273	04 p0682 A67-15318 #
04 p0633 A67-15139 #	04 p0606 A67-15184	04 p0598 A67-15229 #	04 p0668 A67-15274	04 p0682 A67-15319 #
04 p0679 A67-15140 #	04 p0606 A67-15185	04 p0598 A67-15230*#	04 p0668 A67-15275	04 p0628 A67-15320 #
04 p0679 A67-15141 #	04 p0666 A67-15186	04 p0705 A67-15231 #	04 p0668 A67-15276	04 p0623 A67-15321 #
04 p0679 A67-15142 #	04 p0666 A67-15187	04 p0723 A67-15232 #	04 p0668 A67-15277	04 p0658 A67-15322 #
04 p0679 A67-15143 #	04 p0666 A67-15188	04 p0706 A67-15233 #	04 p0668 A67-15278	04 p0623 A67-15323 #
04 p0679 A67-15144 #	04 p0666 A67-15189	04 p0654 A67-15234 #	04 p0668 A67-15279	04 p0623 A67-15324 #
04 p0679 A67-15145 #	04 p0666 A67-15190	04 p0563 A67-15235 #	04 p0668 A67-15280	04 p0624 A67-15325 #
04 p0657 A67-15146 #	04 p0666 A67-15191	04 p0706 A67-15236 #	04 p0668 A67-15281	04 p0624 A67-15326 #
04 p0582 A67-15147 #	04 p0667 A67-15192	04 p0706 A67-15237 #	04 p0711 A67-15282	04 p0599 A67-15327 #
04 p0583 A67-15148 #	04 p0723 A67-15193	04 p0711 A67-15238 #	04 p0680 A67-15283	04 p0682 A67-15328*
04 p0583 A67-15149 #	04 p0606 A67-15194	04 p0563 A67-15239 #	04 p0680 A67-15284	04 p0551 A67-15329 #
04 p0575 A67-15150 #	04 p0606 A67-15195	04 p0706 A67-15240 #	04 p0680 A67-15285	04 p0628 A67-15330 #
04 p0575 A67-15151 #	04 p0711 A67-15196	04 p0706 A67-15241 #	04 p0680 A67-15286	04 p0606 A67-15331 #
04 p0575 A67-15152 #	04 p0723 A67-15197	04 p0711 A67-15242 #	04 p0680 A67-15287	04 p0639 A67-15332 #
04 p0583 A67-15153 #	04 p0711 A67-15198	04 p0598 A67-15243 #	04 p0680 A67-15288	04 p0629 A67-15333 #
04 p0583 A67-15154 #	04 p0700 A67-15199	04 p0706 A67-15244 #	04 p0680 A67-15289	04 p0740 A67-15334 #
04 p0680 A67-15155 #	04 p0700 A67-15200	04 p0563 A67-15245*#	04 p0681 A67-15290	04 p0740 A67-15335 #
04 p0680 A67-15156 #	04 p0566 A67-15201*	04 p0723 A67-15246 #	04 p0681 A67-15291	04 p0740 A67-15336 #
04 p0680 A67-15157 #	04 p0700 A67-15202 #	04 p0724 A67-15247 #	04 p0681 A67-15292	04 p0554 A67-15337 #
04 p0633 A67-15158 #	04 p0638 A67-15203 #	04 p0598 A67-15248*#	04 p0681 A67-15293	04 p0629 A67-15338 #
04 p0633 A67-15159 #	04 p0638 A67-15204 #	04 p0706 A67-15249 #	04 p0681 A67-15294	04 p0629 A67-15339 #
04 p0575 A67-15160 #	04 p0638 A67-15205 #	04 p0724 A67-15250 #	04 p0681 A67-15295	04 p0639 A67-15340 #

ACCESSION NUMBER INDEX

04 p0639 A67-15341 #	04 p0608 A67-15386 #	04 p0564 A67-15431*#	04 p0652 A67-15476 #	04 p0670 A67-15521 #
04 p0711 A67-15342 #	04 p0548 A67-15387*#	04 p0724 A67-15432 #	04 p0584 A67-15477	04 p0556 A67-15522 #
04 p0639 A67-15343 #	04 p0555 A67-15388 #	04 p0725 A67-15433*#	04 p0630 A67-15478	04 p0556 A67-15523 #
04 p0639 A67-15344 #	04 p0555 A67-15389 #	04 p0669 A67-15434 #	04 p0600 A67-15479	04 p0556 A67-15524 #
04 p0629 A67-15345 #	04 p0599 A67-15390*#	04 p0725 A67-15435 #	04 p0584 A67-15480	04 p0556 A67-15525 #
04 p0629 A67-15346 #	04 p0555 A67-15391 #	04 p0646 A67-15436 #	04 p0584 A67-15481	04 p0670 A67-15526 #
04 p0629 A67-15347 #	04 p0592 A67-15392 #	04 p0725 A67-15437 #	04 p0584 A67-15482	04 p0556 A67-15527 #
04 p0629 A67-15348 #	04 p0552 A67-15393 #	04 p0599 A67-15438 #	04 p0584 A67-15483	04 p0556 A67-15528 #
04 p0629 A67-15349 #	04 p0599 A67-15394 #	04 p0725 A67-15439 #	04 p0584 A67-15484	04 p0670 A67-15529 #
04 p0630 A67-15350 #	04 p0599 A67-15395*#	04 p0725 A67-15440 #	04 p0682 A67-15485	04 p0670 A67-15530 #
04 p0548 A67-15351 #	04 p0599 A67-15396 #	04 p0725 A67-15441 #	04 p0584 A67-15486	04 p0624 A67-15531 #
04 p0606 A67-15352 #	04 p0576 A67-15397 #	04 p0608 A67-15442 #	04 p0593 A67-15487	04 p0670 A67-15532 #
04 p0554 A67-15353*#	04 p0563 A67-15398 #	04 p0599 A67-15443 #	04 p0682 A67-15488	04 p0670 A67-15533 #
04 p0607 A67-15354*#	04 p0564 A67-15399 #	04 p0725 A67-15444*#	04 p0593 A67-15489	04 p0670 A67-15534 #
04 p0607 A67-15355 #	04 p0564 A67-15400*#	04 p0726 A67-15445 #	04 p0585 A67-15490	04 p0617 A67-15535 #
04 p0630 A67-15356*#	04 p0564 A67-15401 #	04 p0726 A67-15446 #	04 p0593 A67-15491	04 p0726 A67-15536
04 p0548 A67-15357 #	04 p0564 A67-15402 #	04 p0608 A67-15447*#	04 p0646 A67-15492	04 p0624 A67-15537
04 p0607 A67-15358 #	04 p0713 A67-15403*#	04 p0608 A67-15448 #	04 p0548 A67-15493	04 p0654 A67-15538
04 p0711 A67-15359 #	04 p0713 A67-15404 #	04 p0608 A67-15449 #	04 p0658 A67-15494	04 p0715 A67-15539
04 p0711 A67-15360 #	04 p0713 A67-15405 #	04 p0701 A67-15450 #	04 p0726 A67-15495	04 p0600 A67-15540
04 p0607 A67-15361 #	04 p0713 A67-15406 #	04 p0701 A67-15451 #	04 p0669 A67-15496	04 p0552 A67-15541
04 p0712 A67-15362 #	04 p0713 A67-15407*#	04 p0642 A67-15452	04 p0634 A67-15497	04 p0652 A67-15542
04 p0607 A67-15363*#	04 p0630 A67-15408*#	04 p0726 A67-15453	04 p0634 A67-15498	04 p0617 A67-15543
04 p0712 A67-15364 #	04 p0714 A67-15409 #	04 p0651 A67-15454	04 p0683 A67-15499	04 p0701 A67-15544*
04 p0607 A67-15365 #	04 p0714 A67-15410 #	04 p0624 A67-15455 #	04 p0617 A67-15500	04 p0701 A67-15545*
04 p0668 A67-15366 #	04 p0714 A67-15411 #	04 p0624 A67-15456 #	04 p0585 A67-15501	04 p0701 A67-15546
04 p0607 A67-15367 #	04 p0714 A67-15412*#	04 p0639 A67-15457*#	04 p0585 A67-15502	04 p0566 A67-15547*
04 p0682 A67-15368 #	04 p0555 A67-15413 #	04 p0640 A67-15458 #	04 p0576 A67-15503	04 p0562 A67-15548
04 p0712 A67-15369 #	04 p0555 A67-15414 #	04 p0640 A67-15459	04 p0576 A67-15504	04 p0556 A67-15549
04 p0690 A67-15370 #	04 p0593 A67-15415 #	04 p0630 A67-15460	04 p0585 A67-15505	04 p0654 A67-15550
04 p0634 A67-15371 #	04 p0555 A67-15416 #	04 p0634 A67-15461	04 p0576 A67-15506	04 p0701 A67-15551
04 p0712 A67-15372 #	04 p0624 A67-15417 #	04 p0661 A67-15462*	04 p0658 A67-15507	04 p0701 A67-15552
04 p0656 A67-15373*#	04 p0593 A67-15418 #	04 p0682 A67-15463	04 p0658 A67-15508	04 p0701 A67-15553
04 p0712 A67-15374 #	04 p0656 A67-15419 #	04 p0682 A67-15464	04 p0661 A67-15509	04 p0693 A67-15554
04 p0639 A67-15375 #	04 p0646 A67-15420 #	04 p0682 A67-15465	04 p0658 A67-15510*	04 p0701 A67-15555
04 p0712 A67-15376 #	04 p0593 A67-15421 #	04 p0608 A67-15466	04 p0566 A67-15511	04 p0701 A67-15556
04 p0712 A67-15377 #	04 p0706 A67-15422*#	04 p0651 A67-15467	04 p0661 A67-15512	04 p0701 A67-15557
04 p0712 A67-15378 #	04 p0714 A67-15423 #	04 p0651 A67-15468 #	04 p0669 A67-15513 #	04 p0617 A67-15558
04 p0724 A67-15379 #	04 p0714 A67-15424 #	04 p0651 A67-15469 #	04 p0669 A67-15514 #	04 p0701 A67-15559
04 p0555 A67-15380 #	04 p0714 A67-15425 #	04 p0651 A67-15470 #	04 p0669 A67-15515 #	04 p0702 A67-15560
04 p0555 A67-15381 #	04 p0714 A67-15426 #	04 p0652 A67-15471 #	04 p0669 A67-15516 #	04 p0702 A67-15561
04 p0713 A67-15382 #	04 p0724 A67-15427 #	04 p0652 A67-15472 #	04 p0669 A67-15517 #	04 p0702 A67-15562
04 p0608 A67-15383 #	04 p0724 A67-15428*#	04 p0616 A67-15473 #	04 p0669 A67-15518 #	04 p0693 A67-15563
04 p0713 A67-15384 #	04 p0724 A67-15429 #	04 p0652 A67-15474 #	04 p0669 A67-15519 #	04 p0624 A67-15564
04 p0548 A67-15385 #	04 p0724 A67-15430*#	04 p0617 A67-15475 #	04 p0670 A67-15520 #	04 p0617 A67-15565

ACCESSION NUMBER INDEX

04 p0702 A67-15566	04 p0552 A67-15611 #	04 p0576 A67-15656	04 p0588 A67-15701	04 p0716 A67-15746
04 p0702 A67-15567	04 p0671 A67-15612 #	04 p0577 A67-15657	04 p0588 A67-15702*	04 p0609 A67-15747
04 p0652 A67-15568 #	04 p0566 A67-15613*	04 p0715 A67-15658	04 p0556 A67-15703*	04 p0549 A67-15748
04 p0652 A67-15569 #	04 p0585 A67-15614	04 p0715 A67-15659	04 p0685 A67-15704	04 p0716 A67-15749
04 p0617 A67-15570 #	04 p0661 A67-15615	04 p0647 A67-15660*	04 p0588 A67-15705	04 p0549 A67-15750
04 p0617 A67-15571 #	04 p0576 A67-15616	04 p0655 A67-15661	04 p0588 A67-15706	04 p0702 A67-15751
04 p0618 A67-15572 #	04 p0715 A67-15617	04 p0655 A67-15662	04 p0588 A67-15707*	04 p0685 A67-15752
04 p0618 A67-15573 #	04 p0640 A67-15618	04 p0655 A67-15663*	04 p0625 A67-15708*	04 p0593 A67-15753
04 p0618 A67-15574 #	04 p0585 A67-15619	04 p0625 A67-15664*	04 p0625 A67-15709	04 p0727 A67-15754
04 p0618 A67-15575 #	04 p0585 A67-15620	04 p0625 A67-15665*	04 p0685 A67-15710	04 p0609 A67-15755
04 p0552 A67-15576 #	04 p0585 A67-15621	04 p0655 A67-15666	04 p0625 A67-15711	04 p0659 A67-15756
04 p0715 A67-15577 #	04 p0683 A67-15622	04 p0564 A67-15667	04 p0588 A67-15712	04 p0702 A67-15757
04 p0670 A67-15578 #	04 p0640 A67-15623 #	04 p0618 A67-15668*	04 p0588 A67-15713	04 p0685 A67-15758
04 p0670 A67-15579 #	04 p0634 A67-15624 #	04 p0586 A67-15669 #	04 p0589 A67-15714	04 p0634 A67-15759
04 p0671 A67-15580 #	04 p0654 A67-15625	04 p0586 A67-15670 #	04 p0589 A67-15715*	04 p0634 A67-15760
04 p0683 A67-15581 #	04 p0658 A67-15626	04 p0586 A67-15671 #	04 p0589 A67-15716	04 p0642 A67-15761
04 p0702 A67-15582	04 p0576 A67-15627	04 p0586 A67-15672 #	04 p0589 A67-15717	04 p0661 A67-15762
04 p0715 A67-15583	04 p0586 A67-15628	04 p0586 A67-15673 #	04 p0589 A67-15718	04 p0661 A67-15763*
04 p0658 A67-15584	04 p0655 A67-15629	04 p0586 A67-15674 #	04 p0589 A67-15719	04 p0661 A67-15764
04 p0715 A67-15585	04 p0556 A67-15630	04 p0577 A67-15675 #	04 p0589 A67-15720	04 p0567 A67-15765
04 p0715 A67-15586	04 p0625 A67-15631	04 p0586 A67-15676 #	04 p0589 A67-15721	04 p0661 A67-15766
04 p0624 A67-15587*	04 p0630 A67-15632	04 p0586 A67-15677 #	04 p0590 A67-15722	04 p0662 A67-15767*
04 p0702 A67-15588*	04 p0630 A67-15633	04 p0625 A67-15678	04 p0626 A67-15723*	04 p0662 A67-15768*
04 p0702 A67-15589 #	04 p0576 A67-15634	04 p0726 A67-15679	04 p0626 A67-15724*	04 p0662 A67-15769
04 p0726 A67-15590	04 p0586 A67-15635	04 p0727 A67-15680	04 p0590 A67-15725	04 p0672 A67-15770
04 p0609 A67-15591	04 p0593 A67-15636	04 p0567 A67-15681	04 p0577 A67-15726	04 p0672 A67-15771
04 p0609 A67-15592	04 p0593 A67-15637	04 p0727 A67-15682	04 p0590 A67-15727	04 p0672 A67-15772
04 p0726 A67-15593	04 p0556 A67-15638	04 p0727 A67-15683	04 p0577 A67-15728	04 p0659 A67-15773
04 p0726 A67-15594	04 p0586 A67-15639	04 p0609 A67-15684	04 p0577 A67-15729	04 p0672 A67-15774
04 p0726 A67-15595	04 p0671 A67-15640	04 p0577 A67-15685 #	04 p0577 A67-15730	04 p0672 A67-15775
04 p0640 A67-15596	04 p0671 A67-15641	04 p0618 A67-15686 #	04 p0626 A67-15731	04 p0635 A67-15776
04 p0609 A67-15597	04 p0671 A67-15642	04 p0586 A67-15687	04 p0626 A67-15732	04 p0635 A67-15777
04 p0726 A67-15598	04 p0671 A67-15643	04 p0684 A67-15688	04 p0578 A67-15733	04 p0686 A67-15778
04 p0609 A67-15599	04 p0671 A67-15644	04 p0684 A67-15689	04 p0557 A67-15734	04 p0690 A67-15779
04 p0548 A67-15600	04 p0671 A67-15645	04 p0684 A67-15690*	04 p0655 A67-15735	04 p0740 A67-15780
04 p0548 A67-15601	04 p0671 A67-15646	04 p0684 A67-15691	04 p0626 A67-15736	04 p0600 A67-15781
04 p0549 A67-15602	04 p0672 A67-15647	04 p0684 A67-15692	04 p0579 A67-15737*	04 p0716 A67-15782*
04 p0715 A67-15603	04 p0672 A67-15648	04 p0684 A67-15693	04 p0579 A67-15738	04 p0716 A67-15783
04 p0609 A67-15604	04 p0634 A67-15649	04 p0685 A67-15694	04 p0647 A67-15739	04 p0552 A67-15784
04 p0609 A67-15605	04 p0683 A67-15650	04 p0685 A67-15695	04 p0647 A67-15740*	04 p0630 A67-15785
04 p0625 A67-15606 #	04 p0683 A67-15651	04 p0685 A67-15696	04 p0647 A67-15741 #	04 p0642 A67-15786
04 p0702 A67-15607 #	04 p0661 A67-15652	04 p0588 A67-15697	04 p0647 A67-15742 #	04 p0642 A67-15787
04 p0646 A67-15608 #	04 p0672 A67-15653	04 p0588 A67-15698	04 p0647 A67-15743	04 p0642 A67-15788*
04 p0683 A67-15609 #	04 p0634 A67-15654	04 p0659 A67-15699	04 p0647 A67-15744	04 p0716 A67-15789
04 p0658 A67-15610 #	04 p0683 A67-15655	04 p0685 A67-15700	04 p0626 A67-15745	04 p0740 A67-15790

ACCESSION NUMBER INDEX

04 p0626 A67-15791	04 p0732 A67-15836	04 p0707 A67-15881	04 p0718 A67-15926 #	04 p0673 A67-15971 #
04 p0627 A67-15792	04 p0732 A67-15837	04 p0552 A67-15882 #	04 p0718 A67-15927 #	04 p0673 A67-15972 #
04 p0640 A67-15793*	04 p0610 A67-15838	04 p0552 A67-15883 #	04 p0611 A67-15928 #	04 p0686 A67-15973 #
04 p0716 A67-15794	04 p0733 A67-15839	04 p0549 A67-15884 #	04 p0738 A67-15929 #	04 p0686 A67-15974 #
04 p0659 A67-15795	04 p0733 A67-15840*	04 p0610 A67-15885 #	04 p0739 A67-15930 #	04 p0640 A67-15975 #
04 p0659 A67-15796	04 p0733 A67-15841	04 p0557 A67-15886 #	04 p0719 A67-15931 #	04 p0640 A67-15976 #
04 p0716 A67-15797	04 p0733 A67-15842	04 p0717 A67-15887 #	04 p0659 A67-15932 #	04 p0640 A67-15977 #
04 p0716 A67-15798	04 p0733 A67-15843	04 p0717 A67-15888 #	04 p0719 A67-15933 #	04 p0640 A67-15978 #
04 p0717 A67-15799	04 p0733 A67-15844	04 p0717 A67-15889 #	04 p0719 A67-15934 #	04 p0641 A67-15979 #
04 p0727 A67-15800	04 p0733 A67-15845	04 p0717 A67-15890 #	04 p0659 A67-15935 #	04 p0647 A67-15980 #
04 p0727 A67-15801	04 p0734 A67-15846	04 p0738 A67-15891 #	04 p0719 A67-15936 #	04 p0647 A67-15981 #
04 p0728 A67-15802	04 p0734 A67-15847*	04 p0552 A67-15892 #	04 p0564 A67-15937 #	04 p0611 A67-15982 #
04 p0728 A67-15803	04 p0734 A67-15848*	04 p0738 A67-15893 #	04 p0550 A67-15938 #	04 p0719 A67-15983 #
04 p0728 A67-15804	04 p0734 A67-15849*	04 p0550 A67-15894 #	04 p0739 A67-15939 #	04 p0702 A67-15984 #
04 p0728 A67-15805	04 p0734 A67-15850*	04 p0690 A67-15895 #	04 p0739 A67-15940 #	04 p0641 A67-15985 #
04 p0728 A67-15806*	04 p0734 A67-15851	04 p0690 A67-15896	04 p0618 A67-15941	04 p0686 A67-15986 #
04 p0728 A67-15807*	04 p0735 A67-15852	04 p0690 A67-15897 #	04 p0702 A67-15942	04 p0691 A67-15987*#
04 p0729 A67-15808	04 p0735 A67-15853	04 p0550 A67-15898 #	04 p0594 A67-15943	04 p0691 A67-15988*#
04 p0729 A67-15809*	04 p0735 A67-15854	04 p0691 A67-15899 #	04 p0691 A67-15944 #	04 p0656 A67-15989*#
04 p0729 A67-15810	04 p0735 A67-15855	04 p0610 A67-15900 #	04 p0611 A67-15945	04 p0740 A67-15990
04 p0609 A67-15811	04 p0735 A67-15856*	04 p0630 A67-15901 #	04 p0611 A67-15946 #	04 p0740 A67-15991
04 p0729 A67-15812	04 p0735 A67-15857*	04 p0691 A67-15902 #	04 p0579 A67-15947	04 p0631 A67-15992
04 p0729 A67-15813	04 p0736 A67-15858	04 p0590 A67-15903	04 p0739 A67-15948*	04 p0631 A67-15993
04 p0687 A67-15814	04 p0736 A67-15859	04 p0590 A67-15904	04 p0567 A67-15949	04 p0631 A67-15994
04 p0729 A67-15815	04 p0736 A67-15860	04 p0590 A67-15905	04 p0567 A67-15950	04 p0631 A67-15995
04 p0609 A67-15816	04 p0737 A67-15861	04 p0590 A67-15906	04 p0567 A67-15951	04 p0631 A67-15996
04 p0730 A67-15817	04 p0737 A67-15862	04 p0590 A67-15907	04 p0567 A67-15952	05 p0760 A67-15997*#
04 p0609 A67-15818	04 p0737 A67-15863	04 p0610 A67-15908 #	04 p0557 A67-15953	05 p0760 A67-15998 #
04 p0731 A67-15819	04 p0737 A67-15864*	04 p0717 A67-15909 #	04 p0558 A67-15954	05 p0760 A67-15999 #
04 p0731 A67-15820	04 p0737 A67-15865	04 p0550 A67-15910 #	04 p0558 A67-15955	05 p0769 A67-16000 #
04 p0731 A67-15821	04 p0737 A67-15866	04 p0631 A67-15911*#	04 p0558 A67-15956	05 p0760 A67-16001 #
04 p0600 A67-15822	04 p0737 A67-15867	04 p0717 A67-15912 #	04 p0558 A67-15957	05 p0760 A67-16002*#
04 p0549 A67-15823	04 p0738 A67-15868	04 p0717 A67-15913 #	04 p0558 A67-15958	05 p0844 A67-16003 #
04 p0549 A67-15824	04 p0738 A67-15869*	04 p0738 A67-15914 #	04 p0558 A67-15959	05 p0849 A67-16004 #
04 p0549 A67-15825	04 p0738 A67-15870	04 p0717 A67-15915*#	04 p0559 A67-15960	05 p0760 A67-16005 #
04 p0731 A67-15826*	04 p0672 A67-15871	04 p0717 A67-15916 #	04 p0559 A67-15961	05 p0769 A67-16006 #
04 p0731 A67-15827	04 p0673 A67-15872	04 p0718 A67-15917 #	04 p0559 A67-15962	05 p0769 A67-16007 #
04 p0731 A67-15828	04 p0686 A67-15873*	04 p0718 A67-15918 #	04 p0559 A67-15963	05 p0804 A67-16008 #
04 p0732 A67-15829	04 p0647 A67-15874	04 p0557 A67-15919 #	04 p0559 A67-15964	05 p0760 A67-16009 #
04 p0610 A67-15830*	04 p0594 A67-15875*	04 p0718 A67-15920 #	04 p0559 A67-15965	05 p0795 A67-16010 #
04 p0732 A67-15831	04 p0594 A67-15876	04 p0718 A67-15921 #	04 p0560 A67-15966	05 p0795 A67-16011 #
04 p0549 A67-15832	04 p0594 A67-15877*	04 p0610 A67-15922 #	04 p0560 A67-15967	05 p0886 A67-16012 #
04 p0732 A67-15833*	04 p0594 A67-15878	04 p0718 A67-15923*#	04 p0673 A67-15968 #	05 p0849 A67-16013 #
04 p0610 A67-15834	04 p0594 A67-15879	04 p0610 A67-15924 #	04 p0686 A67-15969 #	05 p0844 A67-16014 #
04 p0732 A67-15835	04 p0594 A67-15880	04 p0718 A67-15925 #	04 p0686 A67-15970 #	05 p0907 A67-16015 #

ACCESSION NUMBER INDEX

05 p0907 A67-16016 #	05 p0795 A67-16061 #	05 p0879 A67-16106 #	05 p0910 A67-16151 #	05 p0914 A67-16196 #
05 p0907 A67-16017 #	05 p0795 A67-16062 #	05 p0879 A67-16107 #	05 p0796 A67-16152*#	05 p0914 A67-16197 #
05 p0907 A67-16018 #	05 p0796 A67-16063 #	05 p0880 A67-16108 #	05 p0796 A67-16153 #	05 p0914 A67-16198 #
05 p0907 A67-16019 #	05 p0804 A67-16064	05 p0880 A67-16109 #	05 p0888 A67-16154	05 p0888 A67-16199
05 p0907 A67-16020 #	05 p0809 A67-16065 #	05 p0880 A67-16110 #	05 p0888 A67-16155	05 p0888 A67-16200 #
05 p0907 A67-16021 #	05 p0850 A67-16066 #	05 p0880 A67-16111 #	05 p0786 A67-16156	05 p0888 A67-16201 #
05 p0781 A67-16022	05 p0850 A67-16067 #	05 p0880 A67-16112 #	05 p0752 A67-16157	05 p0888 A67-16202 #
05 p0769 A67-16023	05 p0850 A67-16068 #	05 p0880 A67-16113 #	05 p0752 A67-16158	05 p0888 A67-16203 #
05 p0886 A67-16024*	05 p0850 A67-16069 #	05 p0880 A67-16114 #	05 p0752 A67-16159	05 p0888 A67-16204 #
05 p0886 A67-16025	05 p0860 A67-16070 #	05 p0880 A67-16115 #	05 p0752 A67-16160	05 p0889 A67-16205 #
05 p0795 A67-16026	05 p0769 A67-16071	05 p0881 A67-16116 #	05 p0752 A67-16161	05 p0889 A67-16206 #
05 p0795 A67-16027	05 p0756 A67-16072 #	05 p0796 A67-16117 #	05 p0753 A67-16162	05 p0761 A67-16207 #
05 p0904 A67-16028 #	05 p0758 A67-16073	05 p0881 A67-16118 #	05 p0753 A67-16163	05 p0889 A67-16208 #
05 p0886 A67-16029 #	05 p0826 A67-16074	05 p0881 A67-16119 #	05 p0753 A67-16164	05 p0889 A67-16209 #
05 p0886 A67-16030	05 p0827 A67-16075 #	05 p0881 A67-16120 #	05 p0910 A67-16165 #	05 p0889 A67-16210 #
05 p0907 A67-16031	05 p0860 A67-16076 #	05 p0881 A67-16121 #	05 p0810 A67-16166	05 p0796 A67-16211 #
05 p0833 A67-16032	05 p0860 A67-16077 #	05 p0881 A67-16122 #	05 p0832 A67-16167	05 p0827 A67-16212 #
05 p0790 A67-16033	05 p0860 A67-16078 #	05 p0881 A67-16123 #	05 p0769 A67-16168 #	05 p0827 A67-16213 #
05 p0790 A67-16034	05 p0827 A67-16079 #	05 p0881 A67-16124 #	05 p0770 A67-16169 #	05 p0827 A67-16214 #
05 p0850 A67-16035	05 p0827 A67-16080 #	05 p0882 A67-16125 #	05 p0770 A67-16170 #	05 p0914 A67-16215 #
05 p0790 A67-16036 #	05 p0875 A67-16081	05 p0882 A67-16126 #	05 p0770 A67-16171	05 p0914 A67-16216 #
05 p0907 A67-16037 #	05 p0877 A67-16082 #	05 p0882 A67-16127 #	05 p0761 A67-16172	05 p0914 A67-16217 #
05 p0908 A67-16038 #	05 p0877 A67-16083 #	05 p0758 A67-16128*	05 p0747 A67-16173	05 p0747 A67-16218 #
05 p0908 A67-16039 #	05 p0877 A67-16084 #	05 p0758 A67-16129*	05 p0910 A67-16174	05 p0915 A67-16219
05 p0908 A67-16040 #	05 p0877 A67-16085 #	05 p0814 A67-16130	05 p0911 A67-16175 #	05 p0915 A67-16220 #
05 p0908 A67-16041 #	05 p0877 A67-16086 #	05 p0850 A67-16131	05 p0912 A67-16176 #	05 p0915 A67-16221 #
05 p0908 A67-16042 #	05 p0877 A67-16087 #	05 p0848 A67-16132*	05 p0810 A67-16177 #	05 p0915 A67-16222 #
05 p0908 A67-16043 #	05 p0877 A67-16088 #	05 p0758 A67-16133*	05 p0810 A67-16178 #	05 p0916 A67-16223 #
05 p0790 A67-16044 #	05 p0878 A67-16089 #	05 p0850 A67-16134 #	05 p0912 A67-16179 #	05 p0916 A67-16224 #
05 p0790 A67-16045 #	05 p0878 A67-16090 #	05 p0790 A67-16135*#	05 p0912 A67-16180 #	05 p0916 A67-16225 #
05 p0850 A67-16046	05 p0878 A67-16091 #	05 p0908 A67-16136 #	05 p0912 A67-16181 #	05 p0916 A67-16226 #
05 p0886 A67-16047 #	05 p0878 A67-16092 #	05 p0908 A67-16137 #	05 p0912 A67-16182 #	05 p0916 A67-16227 #
05 p0886 A67-16048 #	05 p0878 A67-16093 #	05 p0908 A67-16138 #	05 p0912 A67-16183 #	05 p0810 A67-16228 #
05 p0904 A67-16049 #	05 p0878 A67-16094 #	05 p0909 A67-16139 #	05 p0912 A67-16184 #	05 p0916 A67-16229 #
05 p0886 A67-16050 #	05 p0878 A67-16095 #	05 p0909 A67-16140 #	05 p0912 A67-16185 #	05 p0810 A67-16230 #
05 p0886 A67-16051 #	05 p0878 A67-16096 #	05 p0909 A67-16141 #	05 p0913 A67-16186 #	05 p0810 A67-16231 #
05 p0886 A67-16052 #	05 p0878 A67-16097 #	05 p0909 A67-16142 #	05 p0913 A67-16187 #	05 p0810 A67-16232
05 p0875 A67-16053 #	05 p0879 A67-16098 #	05 p0909 A67-16143 #	05 p0913 A67-16188 #	05 p0873 A67-16233
05 p0875 A67-16054 #	05 p0887 A67-16099 #	05 p0909 A67-16144 #	05 p0913 A67-16189 #	05 p0872 A67-16234 #
05 p0887 A67-16055 #	05 p0887 A67-16100 #	05 p0909 A67-16145 #	05 p0913 A67-16190 #	05 p0753 A67-16235
05 p0887 A67-16056 #	05 p0879 A67-16101 #	05 p0910 A67-16146 #	05 p0913 A67-16191 #	05 p0770 A67-16236
05 p0887 A67-16057 #	05 p0879 A67-16102 #	05 p0910 A67-16147 #	05 p0913 A67-16192 #	05 p0753 A67-16237
05 p0887 A67-16058 #	05 p0879 A67-16103 #	05 p0910 A67-16148*#	05 p0913 A67-16193 #	05 p0770 A67-16238
05 p0887 A67-16059 #	05 p0879 A67-16104 #	05 p0910 A67-16149 #	05 p0914 A67-16194 #	05 p0770 A67-16239
05 p0887 A67-16060 #	05 p0879 A67-16105 #	05 p0910 A67-16150 #	05 p0914 A67-16195 #	05 p0770 A67-16240

ACCESSION NUMBER INDEX

05 p0770 A67-16241	05 p0755 A67-16286 #	05 p0890 A67-16331 #	05 p0791 A67-16376 #	05 p0918 A67-16421 #
05 p0916 A67-16242 #	05 p0756 A67-16287	05 p0890 A67-16332 #	05 p0834 A67-16377 #	05 p0918 A67-16422 #
05 p0916 A67-16243 #	05 p0756 A67-16288 #	05 p0890 A67-16333 #	05 p0791 A67-16378 #	05 p0918 A67-16423 #
05 p0917 A67-16244 #	05 p0756 A67-16289	05 p0890 A67-16334 #	05 p0844 A67-16379*	05 p0918 A67-16424 #
05 p0917 A67-16245 #	05 p0756 A67-16290	05 p0805 A67-16335 #	05 p0860 A67-16380	05 p0918 A67-16425 #
05 p0917 A67-16246 #	05 p0756 A67-16291 #	05 p0805 A67-16336 #	05 p0851 A67-16381 #	05 p0837 A67-16426 #
05 p0917 A67-16247 #	05 p0770 A67-16292 #	05 p0890 A67-16337 #	05 p0751 A67-16382 #	05 p0791 A67-16427 #
05 p0786 A67-16248 #	05 p0747 A67-16293 #	05 p0891 A67-16338 #	05 p0837 A67-16383*#	05 p0791 A67-16428 #
05 p0790 A67-16249 #	05 p0904 A67-16294*#	05 p0891 A67-16339 #	05 p0904 A67-16384*#	05 p0926 A67-16429*#
05 p0781 A67-16250	05 p0904 A67-16295 #	05 p0761 A67-16340 #	05 p0751 A67-16385 #	05 p0791 A67-16430 #
05 p0781 A67-16251	05 p0889 A67-16296*	05 p0761 A67-16341 #	05 p0929 A67-16386 #	05 p0747 A67-16431 #
05 p0781 A67-16252	05 p0889 A67-16297	05 p0761 A67-16342 #	05 p0828 A67-16387	05 p0747 A67-16432 #
05 p0781 A67-16253	05 p0889 A67-16298	05 p0761 A67-16343 #	05 p0828 A67-16388	05 p0791 A67-16433 #
05 p0781 A67-16254	05 p0917 A67-16299 #	05 p0761 A67-16344 #	05 p0860 A67-16389	05 p0851 A67-16434 #
05 p0781 A67-16255	05 p0751 A67-16300 #	05 p0761 A67-16345 #	05 p0814 A67-16390	05 p0834 A67-16435 #
05 p0781 A67-16256	05 p0917 A67-16301 #	05 p0761 A67-16346 #	05 p0861 A67-16391	05 p0834 A67-16436 #
05 p0781 A67-16257	05 p0804 A67-16302	05 p0762 A67-16347 #	05 p0861 A67-16392	05 p0845 A67-16437 #
05 p0781 A67-16258	05 p0804 A67-16303	05 p0762 A67-16348 #	05 p0861 A67-16393	05 p0846 A67-16438 #
05 p0781 A67-16259	05 p0832 A67-16304	05 p0762 A67-16349 #	05 p0861 A67-16394	05 p0751 A67-16439 #
05 p0833 A67-16260	05 p0804 A67-16305	05 p0762 A67-16350 #	05 p0861 A67-16395	05 p0747 A67-16440 #
05 p0782 A67-16261	05 p0804 A67-16306*	05 p0762 A67-16351 #	05 p0861 A67-16396	05 p0918 A67-16441 #
05 p0782 A67-16262	05 p0860 A67-16307*	05 p0762 A67-16352 #	05 p0861 A67-16397	05 p0783 A67-16442 #
05 p0768 A67-16263	05 p0757 A67-16308	05 p0762 A67-16353 #	05 p0861 A67-16398	05 p0783 A67-16443 #
05 p0768 A67-16264	05 p0757 A67-16309	05 p0844 A67-16354 #	05 p0861 A67-16399	05 p0783 A67-16444 #
05 p0768 A67-16265	05 p0805 A67-16310*	05 p0762 A67-16355 #	05 p0891 A67-16400	05 p0783 A67-16445 #
05 p0782 A67-16266	05 p0836 A67-16311	05 p0771 A67-16356 #	05 p0891 A67-16401	05 p0783 A67-16446 #
05 p0782 A67-16267	05 p0771 A67-16312	05 p0805 A67-16357 #	05 p0891 A67-16402	05 p0771 A67-16447
05 p0782 A67-16268	05 p0771 A67-16313	05 p0783 A67-16358 #	05 p0891 A67-16403*	05 p0772 A67-16448 #
05 p0925 A67-16269	05 p0786 A67-16314*	05 p0762 A67-16359 #	05 p0882 A67-16404*	05 p0772 A67-16449 #
05 p0925 A67-16270 #	05 p0833 A67-16315 #	05 p0860 A67-16360	05 p0891 A67-16405	05 p0772 A67-16450 #
05 p0925 A67-16271 #	05 p0782 A67-16316 #	05 p0814 A67-16361	05 p0891 A67-16406	05 p0772 A67-16451 #
05 p0925 A67-16272 #	05 p0782 A67-16317 #	05 p0882 A67-16362	05 p0892 A67-16407	05 p0772 A67-16452 #
05 p0810 A67-16273 #	05 p0782 A67-16318 #	05 p0891 A67-16363	05 p0892 A67-16408	05 p0772 A67-16453 #
05 p0810 A67-16274 #	05 p0782 A67-16319 #	05 p0851 A67-16364	05 p0892 A67-16409	05 p0772 A67-16454 #
05 p0811 A67-16275 #	05 p0782 A67-16320 #	05 p0786 A67-16365	05 p0892 A67-16410*	05 p0772 A67-16455 #
05 p0754 A67-16276*	05 p0782 A67-16321 #	05 p0917 A67-16366 #	05 p0892 A67-16411*	05 p0772 A67-16456 #
05 p0754 A67-16277*	05 p0782 A67-16322 #	05 p0758 A67-16367	05 p0892 A67-16412*	05 p0773 A67-16457 #
05 p0755 A67-16278*	05 p0782 A67-16323 #	05 p0758 A67-16368*	05 p0882 A67-16413*	05 p0773 A67-16458 #
05 p0756 A67-16279*	05 p0756 A67-16324 #	05 p0758 A67-16369	05 p0892 A67-16414	05 p0773 A67-16459 #
05 p0755 A67-16280	05 p0827 A67-16325	05 p0805 A67-16370*	05 p0844 A67-16415	05 p0773 A67-16460 #
05 p0755 A67-16281	05 p0827 A67-16326 #	05 p0834 A67-16371 #	05 p0851 A67-16416 #	05 p0786 A67-16461
05 p0755 A67-16282*	05 p0827 A67-16327 #	05 p0834 A67-16372 #	05 p0917 A67-16417 #	05 p0805 A67-16462
05 p0755 A67-16283	05 p0828 A67-16328 #	05 p0791 A67-16373 #	05 p0917 A67-16418 #	05 p0805 A67-16463*
05 p0756 A67-16284 #	05 p0890 A67-16329	05 p0791 A67-16374 #	05 p0918 A67-16419 #	05 p0773 A67-16464
05 p0755 A67-16285 #	05 p0890 A67-16330 #	05 p0834 A67-16375 #	05 p0918 A67-16420 #	05 p0805 A67-16465*

ACCESSION NUMBER INDEX

05 p0851 A67-16466*	05 p0773 A67-16511 #	05 p0763 A67-16556	05 p0895 A67-16601	05 p0818 A67-16646
05 p0828 A67-16467	05 p0773 A67-16512 #	05 p0763 A67-16557	05 p0811 A67-16602 #	05 p0818 A67-16647
05 p0828 A67-16468	05 p0873 A67-16513*#	05 p0763 A67-16558	05 p0920 A67-16603 #	05 p0818 A67-16648*
05 p0828 A67-16469	05 p0926 A67-16514*#	05 p0894 A67-16559	05 p0862 A67-16604	05 p0819 A67-16649*
05 p0828 A67-16470	05 p0873 A67-16515 #	05 p0894 A67-16560	05 p0862 A67-16605	05 p0819 A67-16650
05 p0828 A67-16471	05 p0926 A67-16516 #	05 p0894 A67-16561	05 p0786 A67-16606	05 p0819 A67-16651
05 p0829 A67-16472	05 p0806 A67-16517*#	05 p0763 A67-16562	05 p0787 A67-16607	05 p0819 A67-16652
05 p0829 A67-16473	05 p0796 A67-16518*#	05 p0894 A67-16563	05 p0787 A67-16608*	05 p0852 A67-16653
05 p0829 A67-16474*	05 p0905 A67-16519 #	05 p0796 A67-16564	05 p0787 A67-16609	05 p0852 A67-16654
05 p0748 A67-16475 #	05 p0893 A67-16520 #	05 p0894 A67-16565	05 p0787 A67-16610	05 p0819 A67-16655
05 p0786 A67-16476 #	05 p0851 A67-16521	05 p0894 A67-16566	05 p0787 A67-16611	05 p0819 A67-16656
05 p0751 A67-16477 #	05 p0851 A67-16522	05 p0905 A67-16567	05 p0895 A67-16612	05 p0819 A67-16657
05 p0919 A67-16478 #	05 p0783 A67-16523	05 p0905 A67-16568	05 p0787 A67-16613	05 p0820 A67-16658
05 p0833 A67-16479 #	05 p0784 A67-16524	05 p0797 A67-16569	05 p0787 A67-16614	05 p0862 A67-16659
05 p0919 A67-16480 #	05 p0862 A67-16525	05 p0905 A67-16570	05 p0788 A67-16615	05 p0820 A67-16660
05 p0748 A67-16481 #	05 p0840 A67-16526	05 p0894 A67-16571	05 p0788 A67-16616	05 p0820 A67-16661
05 p0748 A67-16482 #	05 p0840 A67-16527*	05 p0797 A67-16572*	05 p0788 A67-16617	05 p0820 A67-16662
05 p0751 A67-16483 #	05 p0806 A67-16528	05 p0797 A67-16573	05 p0788 A67-16618	05 p0820 A67-16663
05 p0837 A67-16484 #	05 p0841 A67-16529*	05 p0895 A67-16574	05 p0788 A67-16619	05 p0820 A67-16664
05 p0837 A67-16485 #	05 p0762 A67-16530	05 p0895 A67-16575*	05 p0929 A67-16620	05 p0820 A67-16665
05 p0837 A67-16486 #	05 p0839 A67-16531	05 p0895 A67-16576	05 p0788 A67-16621	05 p0821 A67-16666
05 p0837 A67-16487 #	05 p0839 A67-16532	05 p0882 A67-16577 #	05 p0806 A67-16622*	05 p0821 A67-16667
05 p0796 A67-16488 #	05 p0841 A67-16533	05 p0895 A67-16578 #	05 p0815 A67-16623*	05 p0821 A67-16668
05 p0837 A67-16489 #	05 p0841 A67-16534	05 p0839 A67-16579	05 p0815 A67-16624	05 p0821 A67-16669
05 p0837 A67-16490 #	05 p0841 A67-16535	05 p0797 A67-16580*	05 p0815 A67-16625	05 p0821 A67-16670
05 p0838 A67-16491 #	05 p0841 A67-16536	05 p0895 A67-16581*	05 p0815 A67-16626	05 p0821 A67-16671
05 p0829 A67-16492 #	05 p0841 A67-16537	05 p0797 A67-16582	05 p0815 A67-16627	05 p0821 A67-16672
05 p0834 A67-16493 #	05 p0842 A67-16538	05 p0846 A67-16583	05 p0815 A67-16628	05 p0822 A67-16673
05 p0834 A67-16494 #	05 p0842 A67-16539	05 p0919 A67-16584 #	05 p0816 A67-16629	05 p0822 A67-16674
05 p0919 A67-16495 #	05 p0842 A67-16540*	05 p0919 A67-16585 #	05 p0816 A67-16630	05 p0822 A67-16675
05 p0892 A67-16496 #	05 p0842 A67-16541*	05 p0815 A67-16586	05 p0816 A67-16631	05 p0822 A67-16676
05 p0893 A67-16497 #	05 p0842 A67-16542	05 p0756 A67-16587	05 p0816 A67-16632*	05 p0822 A67-16677
05 p0861 A67-16498 #	05 p0842 A67-16543	05 p0919 A67-16588 #	05 p0816 A67-16633	05 p0822 A67-16678
05 p0861 A67-16499 #	05 p0843 A67-16544	05 p0872 A67-16589 #	05 p0816 A67-16634	05 p0822 A67-16679
05 p0806 A67-16500 #	05 p0843 A67-16545	05 p0919 A67-16590	05 p0817 A67-16635*	05 p0823 A67-16680
05 p0861 A67-16501 #	05 p0843 A67-16546*	05 p0786 A67-16591	05 p0817 A67-16636	05 p0823 A67-16681
05 p0861 A67-16502 #	05 p0814 A67-16547	05 p0919 A67-16592	05 p0817 A67-16637	05 p0823 A67-16682
05 p0862 A67-16503 #	05 p0806 A67-16548*	05 p0882 A67-16593 #	05 p0817 A67-16638	05 p0823 A67-16683
05 p0919 A67-16504 #	05 p0806 A67-16549	05 p0895 A67-16594 #	05 p0817 A67-16639	05 p0823 A67-16684
05 p0829 A67-16505 #	05 p0843 A67-16550	05 p0792 A67-16595	05 p0817 A67-16640	05 p0823 A67-16685
05 p0862 A67-16506 #	05 p0843 A67-16551*	05 p0926 A67-16596	05 p0817 A67-16641	05 p0823 A67-16686
05 p0862 A67-16507 #	05 p0753 A67-16552	05 p0851 A67-16597	05 p0818 A67-16642	05 p0823 A67-16687
05 p0851 A67-16508 #	05 p0843 A67-16553	05 p0815 A67-16598	05 p0818 A67-16643	05 p0823 A67-16688
05 p0791 A67-16509 #	05 p0893 A67-16554	05 p0862 A67-16599	05 p0818 A67-16644	05 p0863 A67-16689 #
05 p0773 A67-16510 #	05 p0894 A67-16555	05 p0852 A67-16600	05 p0818 A67-16645	05 p0863 A67-16690 #

ACCESSION NUMBER INDEX

05 p0852 A67-16691 #	05 p0846 A67-16736	05 p0846 A67-16781*	05 p0921 A67-16826*	05 p0799 A67-16871 #
05 p0896 A67-16692 #	05 p0835 A67-16737	05 p0807 A67-16782*	05 p0921 A67-16827	05 p0799 A67-16872 #
05 p0852 A67-16693 #	05 p0835 A67-16738	05 p0838 A67-16783	05 p0811 A67-16828	05 p0799 A67-16873 #
05 p0863 A67-16694 #	05 p0835 A67-16739*	05 p0864 A67-16784	05 p0830 A67-16829*#	05 p0799 A67-16874 #
05 p0863 A67-16695 #	05 p0882 A67-16740 #	05 p0824 A67-16785	05 p0811 A67-16830 #	05 p0883 A67-16875 #
05 p0852 A67-16696 #	05 p0829 A67-16741 #	05 p0824 A67-16786	05 p0905 A67-16831*	05 p0883 A67-16876 #
05 p0853 A67-16697 #	05 p0873 A67-16742	05 p0846 A67-16787*	05 p0774 A67-16832*	05 p0883 A67-16877 #
05 p0853 A67-16698 #	05 p0873 A67-16743	05 p0807 A67-16788	05 p0864 A67-16833*	05 p0883 A67-16878 #
05 p0806 A67-16699*	05 p0829 A67-16744	05 p0807 A67-16789	05 p0848 A67-16834*	05 p0883 A67-16879 #
05 p0806 A67-16700	05 p0748 A67-16745	05 p0759 A67-16790	05 p0848 A67-16835*	05 p0883 A67-16880 #
05 p0758 A67-16701*	05 p0874 A67-16746	05 p0807 A67-16791*	05 p0848 A67-16836*	05 p0884 A67-16881 #
05 p0863 A67-16702 #	05 p0874 A67-16747	05 p0824 A67-16792	05 p0848 A67-16837	05 p0921 A67-16882*
05 p0863 A67-16703 #	05 p0753 A67-16748 #	05 p0763 A67-16793	05 p0759 A67-16838*	05 p0921 A67-16883
05 p0774 A67-16704 #	05 p0753 A67-16749 #	05 p0824 A67-16794	05 p0848 A67-16839*	05 p0921 A67-16884
05 p0784 A67-16705 #	05 p0753 A67-16750 #	05 p0848 A67-16795*	05 p0759 A67-16840	05 p0921 A67-16885*
05 p0763 A67-16706 #	05 p0753 A67-16751 #	05 p0847 A67-16796	05 p0811 A67-16841	05 p0853 A67-16886
05 p0846 A67-16707 #	05 p0754 A67-16752 #	05 p0920 A67-16797 #	05 p0749 A67-16842 #	05 p0898 A67-16887*
05 p0846 A67-16708 #	05 p0752 A67-16753 #	05 p0792 A67-16798 #	05 p0749 A67-16843 #	05 p0799 A67-16888
05 p0838 A67-16709 #	05 p0863 A67-16754	05 p0883 A67-16799	05 p0749 A67-16844 #	05 p0898 A67-16889
05 p0838 A67-16710 #	05 p0853 A67-16755	05 p0807 A67-16800	05 p0749 A67-16845 #	05 p0927 A67-16890
05 p0838 A67-16711 #	05 p0853 A67-16756	05 p0864 A67-16801	05 p0853 A67-16846 #	05 p0833 A67-16891
05 p0807 A67-16712 #	05 p0863 A67-16757	05 p0853 A67-16802	05 p0848 A67-16847*#	05 p0833 A67-16892
05 p0896 A67-16713	05 p0863 A67-16758	05 p0847 A67-16803	05 p0853 A67-16848 #	05 p0864 A67-16893 #
05 p0896 A67-16714 #	05 p0829 A67-16759	05 p0897 A67-16804 #	05 p0906 A67-16849 #	05 p0854 A67-16894 #
05 p0896 A67-16715 #	05 p0830 A67-16760	05 p0897 A67-16805 #	05 p0763 A67-16850 #	05 p0854 A67-16895 #
05 p0896 A67-16716	05 p0864 A67-16761	05 p0897 A67-16806 #	05 p0797 A67-16851 #	05 p0854 A67-16896 #
05 p0896 A67-16717*#	05 p0748 A67-16762	05 p0897 A67-16807 #	05 p0811 A67-16852	05 p0854 A67-16897 #
05 p0896 A67-16718*#	05 p0748 A67-16763	05 p0883 A67-16808 #	05 p0835 A67-16853	05 p0864 A67-16898 #
05 p0896 A67-16719 #	05 p0788 A67-16764	05 p0897 A67-16809 #	05 p0784 A67-16854 #	05 p0864 A67-16899 #
05 p0896 A67-16720 #	05 p0748 A67-16765	05 p0920 A67-16810	05 p0824 A67-16855 #	05 p0864 A67-16900 #
05 p0834 A67-16721 #	05 p0874 A67-16766	05 p0748 A67-16811	05 p0797 A67-16856 #	05 p0764 A67-16901 #
05 p0920 A67-16722 #	05 p0759 A67-16767	05 p0830 A67-16812	05 p0798 A67-16857 #	05 p0764 A67-16902 #
05 p0853 A67-16723 #	05 p0759 A67-16768	05 p0748 A67-16813 #	05 p0798 A67-16858 #	05 p0764 A67-16903 #
05 p0792 A67-16724 #	05 p0920 A67-16769	05 p0792 A67-16814 #	05 p0798 A67-16859 #	05 p0764 A67-16904 #
05 p0834 A67-16725 #	05 p0929 A67-16770	05 p0920 A67-16815 #	05 p0798 A67-16860 #	05 p0764 A67-16905 #
05 p0792 A67-16726 #	05 p0929 A67-16771	05 p0926 A67-16816*#	05 p0798 A67-16861 #	05 p0774 A67-16906 #
05 p0905 A67-16727	05 p0930 A67-16772	05 p0926 A67-16817*#	05 p0798 A67-16862 #	05 p0774 A67-16907 #
05 p0905 A67-16728	05 p0897 A67-16773	05 p0792 A67-16818 #	05 p0798 A67-16863 #	05 p0764 A67-16908 #
05 p0905 A67-16729	05 p0897 A67-16774	05 p0792 A67-16819 #	05 p0798 A67-16864 #	05 p0864 A67-16909 #
05 p0846 A67-16730 #	05 p0897 A67-16775	05 p0749 A67-16820 #	05 p0798 A67-16865 #	05 p0865 A67-16910 #
05 p0897 A67-16731 #	05 p0797 A67-16776	05 p0824 A67-16821	05 p0763 A67-16866 #	05 p0865 A67-16911 #
05 p0897 A67-16732 #	05 p0784 A67-16777	05 p0774 A67-16822	05 p0898 A67-16867 #	05 p0774 A67-16912 #
05 p0835 A67-16733 #	05 p0784 A67-16778	05 p0824 A67-16823*	05 p0763 A67-16868 #	05 p0764 A67-16913 #
05 p0774 A67-16734	05 p0835 A67-16779	05 p0920 A67-16824	05 p0798 A67-16869 #	05 p0824 A67-16914 #
05 p0846 A67-16735	05 p0905 A67-16780	05 p0920 A67-16825	05 p0798 A67-16870 #	05 p0824 A67-16915 #

ACCESSION NUMBER INDEX

05 p0865 A67-16916 #	05 p0765 A67-16961 #	05 p0749 A67-17006 #	05 p0867 A67-17051 #	05 p0825 A67-17096
05 p0774 A67-16917 #	05 p0765 A67-16962 #	05 p0793 A67-17007 #	05 p0867 A67-17052 #	05 p0825 A67-17097
05 p0774 A67-16918 #	05 p0775 A67-16963 #	05 p0927 A67-17008 #	05 p0867 A67-17053 #	05 p0833 A67-17098 #
05 p0830 A67-16919 #	05 p0775 A67-16964 #	05 p0847 A67-17009 #	05 p0867 A67-17054 #	05 p0793 A67-17099 #
05 p0865 A67-16920 #	05 p0775 A67-16965 #	05 p0927 A67-17010	05 p0867 A67-17055 #	05 p0789 A67-17100
05 p0824 A67-16921 #	05 p0865 A67-16966 #	05 p0928 A67-17011	05 p0867 A67-17056 #	05 p0752 A67-17101
05 p0825 A67-16922 #	05 p0865 A67-16967 #	05 p0928 A67-17012	05 p0867 A67-17057 #	05 p0752 A67-17102
05 p0898 A67-16923*	05 p0788 A67-16968	05 p0789 A67-17013	05 p0867 A67-17058 #	05 p0922 A67-17103
05 p0898 A67-16924	05 p0775 A67-16969	05 p0874 A67-17014	05 p0868 A67-17059 #	05 p0901 A67-17104
05 p0898 A67-16925	05 p0847 A67-16970*	05 p0874 A67-17015	05 p0868 A67-17060 #	05 p0922 A67-17105
05 p0898 A67-16926	05 p0865 A67-16971 #	05 p0874 A67-17016*	05 p0868 A67-17061 #	05 p0812 A67-17106
05 p0898 A67-16927	05 p0865 A67-16972 #	05 p0789 A67-17017	05 p0868 A67-17062 #	05 p0836 A67-17107 #
05 p0898 A67-16928	05 p0866 A67-16973 #	05 p0789 A67-17018	05 p0868 A67-17063 #	05 p0836 A67-17108 #
05 p0884 A67-16929	05 p0866 A67-16974 #	05 p0807 A67-17019	05 p0868 A67-17064 #	05 p0749 A67-17109 #
05 p0764 A67-16930	05 p0866 A67-16975 #	05 p0784 A67-17020 #	05 p0868 A67-17065 #	05 p0901 A67-17110 #
05 p0807 A67-16931	05 p0866 A67-16976 #	05 p0849 A67-17021 #	05 p0868 A67-17066 #	05 p0808 A67-17111 #
05 p0811 A67-16932*#	05 p0866 A67-16977 #	05 p0855 A67-17022 #	05 p0868 A67-17067 #	05 p0793 A67-17112 #
05 p0874 A67-16933*#	05 p0825 A67-16978 #	05 p0866 A67-17023 #	05 p0899 A67-17068	05 p0849 A67-17113 #
05 p0792 A67-16934 #	05 p0825 A67-16979 #	05 p0830 A67-17024 #	05 p0899 A67-17069	05 p0855 A67-17114 #
05 p0825 A67-16935 #	05 p0825 A67-16980 #	05 p0884 A67-17025 #	05 p0899 A67-17070	05 p0849 A67-17115 #
05 p0921 A67-16936 #	05 p0811 A67-16981 #	05 p0799 A67-17026 #	05 p0899 A67-17071	05 p0901 A67-17116 #
05 p0774 A67-16937 #	05 p0854 A67-16982 #	05 p0799 A67-17027 #	05 p0899 A67-17072	05 p0901 A67-17117 #
05 p0835 A67-16938 #	05 p0854 A67-16983 #	05 p0759 A67-17028 #	05 p0899 A67-17073	05 p0836 A67-17118 #
05 p0835 A67-16939 #	05 p0775 A67-16984 #	05 p0799 A67-17029 #	05 p0900 A67-17074	05 p0800 A67-17119 #
05 p0921 A67-16940 #	05 p0866 A67-16985 #	05 p0799 A67-17030 #	05 p0900 A67-17075	05 p0884 A67-17120 #
05 p0865 A67-16941 #	05 p0866 A67-16986 #	05 p0800 A67-17031 #	05 p0900 A67-17076	05 p0884 A67-17121 #
05 p0927 A67-16942 #	05 p0866 A67-16987 #	05 p0808 A67-17032 #	05 p0900 A67-17077	05 p0855 A67-17122 #
05 p0784 A67-16943	05 p0854 A67-16988	05 p0808 A67-17033 #	05 p0900 A67-17078	05 p0855 A67-17123 #
05 p0865 A67-16944	05 p0854 A67-16989	05 p0830 A67-17034 #	05 p0900 A67-17079	05 p0800 A67-17124 #
05 p0775 A67-16945	05 p0927 A67-16990 #	05 p0775 A67-17035	05 p0800 A67-17080	05 p0765 A67-17125 #
05 p0775 A67-16946	05 p0927 A67-16991 #	05 p0776 A67-17036	05 p0900 A67-17081	05 p0800 A67-17126 #
05 p0775 A67-16947	05 p0927 A67-16992 #	05 p0784 A67-17037	05 p0900 A67-17082	05 p0800 A67-17127 #
05 p0825 A67-16948	05 p0866 A67-16993 #	05 p0776 A67-17038	05 p0901 A67-17083	05 p0800 A67-17128 #
05 p0807 A67-16949	05 p0854 A67-16994 #	05 p0776 A67-17039	05 p0901 A67-17084	05 p0800 A67-17129 #
05 p0835 A67-16950	05 p0792 A67-16995 #	05 p0776 A67-17040	05 p0921 A67-17085	05 p0801 A67-17130 #
05 p0775 A67-16951	05 p0855 A67-16996 #	05 p0765 A67-17041	05 p0922 A67-17086	05 p0801 A67-17131 #
05 p0764 A67-16952	05 p0855 A67-16997 #	05 p0765 A67-17042	05 p0808 A67-17087	05 p0884 A67-17132 #
05 p0765 A67-16953 #	05 p0855 A67-16998 #	05 p0789 A67-17043	05 p0830 A67-17088	05 p0801 A67-17133 #
05 p0765 A67-16954 #	05 p0927 A67-16999 #	05 p0789 A67-17044	05 p0869 A67-17089	05 p0884 A67-17134 #
05 p0765 A67-16955 #	05 p0927 A67-17000 #	05 p0836 A67-17045*#	05 p0869 A67-17090	05 p0801 A67-17135 #
05 p0775 A67-16956 #	05 p0835 A67-17001 #	05 p0836 A67-17046 #	05 p0776 A67-17091	05 p0884 A67-17136 #
05 p0775 A67-16957 #	05 p0927 A67-17002 #	05 p0811 A67-17047 #	05 p0869 A67-17092	05 p0884 A67-17137 #
05 p0775 A67-16958 #	05 p0835 A67-17003 #	05 p0754 A67-17048 #	05 p0869 A67-17093	05 p0885 A67-17138 #
05 p0865 A67-16959 #	05 p0775 A67-17004 #	05 p0800 A67-17049	05 p0776 A67-17094	05 p0855 A67-17139 #
05 p0765 A67-16960 #	05 p0921 A67-17005 #	05 p0855 A67-17050 #	05 p0869 A67-17095	05 p0885 A67-17140 #

ACCESSION NUMBER INDEX

05 p0801 A67-17141 #	05 p0923 A67-17186 #	05 p0766 A67-17231	05 p0849 A67-17276*#	05 p0793 A67-17321
05 p0801 A67-17142 #	05 p0923 A67-17187 #	05 p0825 A67-17232	05 p0838 A67-17277 #	05 p0808 A67-17322
05 p0801 A67-17143 #	05 p0923 A67-17188 #	05 p0826 A67-17233	05 p0847 A67-17278 #	05 p0750 A67-17323 #
05 p0801 A67-17144 #	05 p0869 A67-17189*	05 p0826 A67-17234	05 p0777 A67-17279	05 p0778 A67-17324 #
05 p0802 A67-17145 #	05 p0830 A67-17190	05 p0856 A67-17235	05 p0826 A67-17280	05 p0871 A67-17325
05 p0802 A67-17146 #	05 p0869 A67-17191	05 p0812 A67-17236	05 p0856 A67-17281	05 p0826 A67-17326
05 p0802 A67-17147 #	05 p0869 A67-17192	05 p0777 A67-17237	05 p0766 A67-17282	05 p0826 A67-17327
05 p0802 A67-17148 #	05 p0870 A67-17193	05 p0784 A67-17238	05 p0924 A67-17283	05 p0903 A67-17328
05 p0802 A67-17149 #	05 p0870 A67-17194*	05 p0766 A67-17239	05 p0924 A67-17284	05 p0802 A67-17329*
05 p0802 A67-17150 #	05 p0870 A67-17195	05 p0812 A67-17240	05 p0924 A67-17285*	05 p0802 A67-17330
05 p0793 A67-17151	05 p0870 A67-17196	05 p0930 A67-17241*#	05 p0902 A67-17286 #	05 p0833 A67-17331
05 p0855 A67-17152	05 p0833 A67-17197	05 p0930 A67-17242*#	05 p0902 A67-17287 #	05 p0924 A67-17332
05 p0872 A67-17153	05 p0870 A67-17198	05 p0812 A67-17243	05 p0902 A67-17288 #	05 p0924 A67-17333
05 p0759 A67-17154	05 p0870 A67-17199	05 p0812 A67-17244	05 p0902 A67-17289 #	05 p0928 A67-17334 #
05 p0757 A67-17155	05 p0754 A67-17200	05 p0812 A67-17245	05 p0902 A67-17290 #	05 p0750 A67-17335 #
05 p0757 A67-17156*	05 p0901 A67-17201*	05 p0930 A67-17246	05 p0903 A67-17291 #	05 p0928 A67-17336*#
05 p0765 A67-17157 #	05 p0901 A67-17202*	05 p0902 A67-17247	05 p0903 A67-17292 #	05 p0928 A67-17337*#
05 p0765 A67-17158 #	05 p0906 A67-17203 #	05 p0813 A67-17248	05 p0903 A67-17293 #	05 p0793 A67-17338 #
05 p0776 A67-17159 #	05 p0906 A67-17204 #	05 p0777 A67-17249	05 p0903 A67-17294 #	05 p0750 A67-17339 #
05 p0765 A67-17160 #	05 p0906 A67-17205 #	05 p0906 A67-17250	05 p0903 A67-17295 #	05 p0750 A67-17340 #
05 p0825 A67-17161 #	05 p0901 A67-17206 #	05 p0930 A67-17251*#	05 p0766 A67-17296	05 p0856 A67-17341 #
05 p0765 A67-17162 #	05 p0902 A67-17207*#	05 p0813 A67-17252 #	05 p0766 A67-17297	05 p0856 A67-17342 #
05 p0766 A67-17163 #	05 p0906 A67-17208 #	05 p0813 A67-17253	05 p0777 A67-17298	05 p0793 A67-17343 #
05 p0776 A67-17164 #	05 p0902 A67-17209 #	05 p0777 A67-17254*	05 p0785 A67-17299	05 p0856 A67-17344 #
05 p0766 A67-17165 #	05 p0793 A67-17210*#	05 p0784 A67-17255	05 p0785 A67-17300	05 p0856 A67-17345 #
05 p0766 A67-17166 #	05 p0923 A67-17211 #	05 p0813 A67-17256	05 p0785 A67-17301	05 p0750 A67-17346 #
05 p0766 A67-17167 #	05 p0924 A67-17212 #	05 p0813 A67-17257	05 p0777 A67-17302	05 p0873 A67-17347 #
05 p0825 A67-17168 #	05 p0924 A67-17213*#	05 p0813 A67-17258	05 p0757 A67-17303	05 p0754 A67-17348 #
05 p0776 A67-17169 #	05 p0838 A67-17214 #	05 p0813 A67-17259	05 p0838 A67-17304 #	05 p0871 A67-17349*#
05 p0766 A67-17170 #	05 p0872 A67-17215 #	05 p0813 A67-17260	05 p0838 A67-17305 #	05 p0924 A67-17350 #
05 p0869 A67-17171 #	05 p0874 A67-17216 #	05 p0757 A67-17261 #	05 p0838 A67-17306 #	05 p0924 A67-17351 #
05 p0777 A67-17172 #	05 p0873 A67-17217 #	05 p0930 A67-17262*#	05 p0808 A67-17307 #	05 p0925 A67-17352 #
05 p0777 A67-17173 #	05 p0793 A67-17218 #	05 p0814 A67-17263*	05 p0808 A67-17308 #	05 p0839 A67-17353 #
05 p0922 A67-17174 #	05 p0906 A67-17219 #	05 p0814 A67-17264	05 p0767 A67-17309 #	05 p0757 A67-17354 #
05 p0922 A67-17175 #	05 p0749 A67-17220 #	05 p0885 A67-17265	05 p0808 A67-17310 #	05 p0789 A67-17355 #
05 p0922 A67-17176 #	05 p0902 A67-17221 #	05 p0885 A67-17266 #	05 p0830 A67-17311	05 p0856 A67-17356 #
05 p0922 A67-17177 #	05 p0844 A67-17222 #	05 p0785 A67-17267 #	05 p0831 A67-17312	05 p0874 A67-17357 #
05 p0922 A67-17178 #	05 p0928 A67-17223 #	05 p0752 A67-17268	05 p0903 A67-17313 #	05 p0928 A67-17358 #
05 p0923 A67-17179 #	05 p0873 A67-17224*#	05 p0830 A67-17269	05 p0903 A67-17314 #	05 p0929 A67-17359 #
05 p0923 A67-17180 #	05 p0906 A67-17225 #	05 p0766 A67-17270	05 p0836 A67-17315*	05 p0750 A67-17360 #
05 p0923 A67-17181 #	05 p0874 A67-17226 #	05 p0785 A67-17271	05 p0849 A67-17316	05 p0794 A67-17361 #
05 p0923 A67-17182 #	05 p0924 A67-17227	05 p0856 A67-17272*#	05 p0847 A67-17317	05 p0906 A67-17362 #
05 p0923 A67-17183 #	05 p0766 A67-17228	05 p0870 A67-17273*#	05 p0831 A67-17318	05 p0903 A67-17363 #
05 p0749 A67-17184 #	05 p0766 A67-17229	05 p0826 A67-17274 #	05 p0777 A67-17319	05 p0794 A67-17364 #
05 p0923 A67-17185 #	05 p0766 A67-17230	05 p0870 A67-17275 #	05 p0808 A67-17320	05 p0856 A67-17365 #

ACCESSION NUMBER INDEX

05 p0875 A67-17366 #	05 p0803 A67-17411	05 p0779 A67-17456	05 p0831 A67-17501 #	05 p0860 A67-17546
05 p0750 A67-17367 #	05 p0803 A67-17412	05 p0779 A67-17457*	05 p0831 A67-17502 #	05 p0872 A67-17547
05 p0906 A67-17368 #	05 p0804 A67-17413	05 p0779 A67-17458	05 p0831 A67-17503 #	05 p0814 A67-17548
05 p0794 A67-17369 #	05 p0856 A67-17414*	05 p0814 A67-17459	05 p0831 A67-17504 #	05 p0809 A67-17549 #
05 p0925 A67-17370 #	05 p0929 A67-17415	05 p0814 A67-17460	05 p0831 A67-17505 #	05 p0809 A67-17550
05 p0794 A67-17371 #	05 p0857 A67-17416	05 p0789 A67-17461	05 p0832 A67-17506 #	06 p1046 A67-17551
05 p0925 A67-17372 #	05 p0794 A67-17417*	05 p0754 A67-17462*	05 p0832 A67-17507 #	06 p1047 A67-17552
05 p0929 A67-17373 #	05 p0794 A67-17418	05 p0767 A67-17463*	05 p0832 A67-17508 #	06 p0979 A67-17553
05 p0759 A67-17374 #	05 p0794 A67-17419	05 p0779 A67-17464	05 p0832 A67-17509 #	06 p1076 A67-17554
05 p0871 A67-17375 #	05 p0751 A67-17420	05 p0779 A67-17465	05 p0832 A67-17510 #	06 p1093 A67-17555 #
05 p0802 A67-17376*	05 p0794 A67-17421	05 p0779 A67-17466	05 p0832 A67-17511 #	06 p0956 A67-17556 #
05 p0809 A67-17377	05 p0857 A67-17422	05 p0779 A67-17467*	05 p0809 A67-17512	06 p1093 A67-17557 #
05 p0757 A67-17378	05 p0857 A67-17423	05 p0779 A67-17468	05 p0768 A67-17513	06 p1119 A67-17558 #
05 p0871 A67-17379 #	05 p0857 A67-17424*	05 p0780 A67-17469	05 p0768 A67-17514	06 p1006 A67-17559 #
05 p0794 A67-17380 #	05 p0857 A67-17425	05 p0785 A67-17470 #	05 p0789 A67-17515	06 p0956 A67-17560 #
05 p0849 A67-17381*	05 p0857 A67-17426	05 p0785 A67-17471 #	05 p0768 A67-17516*	06 p1030 A67-17561*
05 p0802 A67-17382*#	05 p0857 A67-17427	05 p0785 A67-17472 #	05 p0790 A67-17517	06 p1078 A67-17562*
05 p0839 A67-17383 #	05 p0858 A67-17428	05 p0767 A67-17473 #	05 p0768 A67-17518*	06 p0993 A67-17563*
05 p0803 A67-17384 #	05 p0858 A67-17429*	05 p0780 A67-17474 #	05 p0769 A67-17519*	06 p0993 A67-17564
05 p0803 A67-17385 #	05 p0858 A67-17430*	05 p0847 A67-17475 #	05 p0769 A67-17520	06 p1021 A67-17565 #
05 p0885 A67-17386 #	05 p0858 A67-17431	05 p0925 A67-17476 #	05 p0780 A67-17521	06 p1022 A67-17566 #
05 p0803 A67-17387*#	05 p0858 A67-17432	05 p0925 A67-17477 #	05 p0780 A67-17522	06 p0949 A67-17567
05 p0839 A67-17388 #	05 p0858 A67-17433	05 p0751 A67-17478 #	05 p0767 A67-17523	06 p0954 A67-17568*
05 p0839 A67-17389 #	05 p0858 A67-17434*	05 p0795 A67-17479 #	05 p0780 A67-17524*	06 p1008 A67-17569
05 p0767 A67-17390 #	05 p0859 A67-17435	05 p0751 A67-17480 #	05 p0826 A67-17525	06 p0999 A67-17570
05 p0904 A67-17391*#	05 p0859 A67-17436	05 p0871 A67-17481	05 p0780 A67-17526	06 p1030 A67-17571
05 p0809 A67-17392*#	05 p0859 A67-17437	05 p0871 A67-17482	05 p0768 A67-17527	06 p1000 A67-17572
05 p0839 A67-17393 #	05 p0847 A67-17438	05 p0871 A67-17483	05 p0780 A67-17528	06 p1030 A67-17573
05 p0778 A67-17394 #	05 p0751 A67-17439	05 p0831 A67-17484 #	05 p0780 A67-17529	06 p1000 A67-17574
05 p0778 A67-17395 #	05 p0795 A67-17440	05 p0831 A67-17485 #	05 p0809 A67-17530*	06 p0966 A67-17575
05 p0767 A67-17396 #	05 p0859 A67-17441*	05 p0847 A67-17486 #	05 p0872 A67-17531	06 p0966 A67-17576
05 p0767 A67-17397 #	05 p0859 A67-17442*	05 p0836 A67-17487 #	05 p0780 A67-17532	06 p0957 A67-17577
05 p0767 A67-17398 #	05 p0859 A67-17443	05 p0836 A67-17488 #	05 p0768 A67-17533	06 p0957 A67-17578
05 p0767 A67-17399 #	05 p0859 A67-17444	05 p0859 A67-17489 #	05 p0780 A67-17534	06 p0957 A67-17579
05 p0767 A67-17400 #	05 p0859 A67-17445	05 p0871 A67-17490 #	05 p0781 A67-17535	06 p0966 A67-17580
05 p0768 A67-17401 #	05 p0809 A67-17446	05 p0871 A67-17491 #	05 p0785 A67-17536*	06 p0993 A67-17581
05 p0767 A67-17402 #	05 p0859 A67-17447	05 p0871 A67-17492 #	05 p0809 A67-17537	06 p0993 A67-17582
05 p0750 A67-17403 #	05 p0859 A67-17448	05 p0872 A67-17493 #	05 p0781 A67-17538	06 p1000 A67-17583
05 p0904 A67-17404*	05 p0849 A67-17449	05 p0809 A67-17494 #	05 p0930 A67-17539	06 p0957 A67-17584
05 p0803 A67-17405	05 p0778 A67-17450	05 p0847 A67-17495 #	05 p0759 A67-17540	06 p1099 A67-17585 #
05 p0803 A67-17406	05 p0929 A67-17451	05 p0847 A67-17496 #	05 p0847 A67-17541	06 p0966 A67-17586
05 p0767 A67-17407	05 p0929 A67-17452	05 p0885 A67-17497 #	05 p0786 A67-17542	06 p0965 A67-17587
05 p0904 A67-17408	05 p0778 A67-17453	05 p0885 A67-17498 #	05 p0795 A67-17543	06 p0966 A67-17588
05 p0803 A67-17409	05 p0754 A67-17454	05 p0780 A67-17499 #	05 p0795 A67-17544	06 p0966 A67-17589
05 p0885 A67-17410	05 p0778 A67-17455	05 p0872 A67-17500 #	05 p0860 A67-17545	06 p1000 A67-17590

ACCESSION NUMBER INDEX

06 p1008 A67-17591	06 p1009 A67-17636	06 p1094 A67-17681	06 p0935 A67-17726 #	06 p1080 A67-17771*
06 p0957 A67-17592	06 p1025 A67-17637 #	06 p0960 A67-17682	06 p0982 A67-17727 #	06 p1030 A67-17772 #
06 p0957 A67-17593	06 p0994 A67-17638 #	06 p0967 A67-17683	06 p0982 A67-17728 #	06 p1022 A67-17773 #
06 p1025 A67-17594	06 p0994 A67-17639 #	06 p0967 A67-17684	06 p0935 A67-17729 #	06 p1031 A67-17774 #
06 p0993 A67-17595	06 p1007 A67-17640	06 p0967 A67-17685	06 p0935 A67-17730 #	06 p1031 A67-17775 #
06 p0993 A67-17596	06 p1076 A67-17641	06 p0967 A67-17686	06 p0935 A67-17731 #	06 p1022 A67-17776 #
06 p0944 A67-17597	06 p1047 A67-17642	06 p1029 A67-17687	06 p0936 A67-17732 #	06 p1081 A67-17777 #
06 p1000 A67-17598	06 p1099 A67-17643	06 p0967 A67-17688	06 p0936 A67-17733 #	06 p1031 A67-17778 #
06 p1047 A67-17599	06 p1099 A67-17644	06 p1094 A67-17689	06 p0936 A67-17734 #	06 p1081 A67-17779 #
06 p1047 A67-17600	06 p1111 A67-17645	06 p0967 A67-17690*	06 p0936 A67-17735 #	06 p1081 A67-17780 #
06 p0973 A67-17601	06 p1022 A67-17646	06 p0979 A67-17691*	06 p0936 A67-17736 #	06 p1081 A67-17781 #
06 p1076 A67-17602	06 p1034 A67-17647 #	06 p0960 A67-17692	06 p0936 A67-17737 #	06 p0983 A67-17782*
06 p0982 A67-17603	06 p1034 A67-17648 #	06 p0960 A67-17693	06 p0936 A67-17738 #	06 p0983 A67-17783 #
06 p1078 A67-17604	06 p1034 A67-17649 #	06 p0960 A67-17694	06 p0936 A67-17739 #	06 p0983 A67-17784 #
06 p1079 A67-17605	06 p1076 A67-17650 #	06 p0961 A67-17695	06 p0936 A67-17740 #	06 p0983 A67-17785 #
06 p1073 A67-17606	06 p1076 A67-17651 #	06 p0961 A67-17696	06 p0982 A67-17741 #	06 p1081 A67-17786 #
06 p1073 A67-17607	06 p1009 A67-17652 #	06 p0961 A67-17697	06 p0982 A67-17742 #	06 p1081 A67-17787 #
06 p1071 A67-17608	06 p1047 A67-17653 #	06 p1094 A67-17698	06 p0982 A67-17743 #	06 p1022 A67-17788 #
06 p1073 A67-17609	06 p1047 A67-17654 #	06 p0961 A67-17699	06 p0982 A67-17744 #	06 p1022 A67-17789 #
06 p1006 A67-17610	06 p0955 A67-17655*#	06 p0961 A67-17700	06 p1038 A67-17745 #	06 p1082 A67-17790 #
06 p0949 A67-17611	06 p1038 A67-17656 #	06 p0961 A67-17701	06 p1077 A67-17746 #	06 p1001 A67-17791
06 p1071 A67-17612	06 p1079 A67-17657 #	06 p0961 A67-17702	06 p1000 A67-17747	06 p1009 A67-17792
06 p0957 A67-17613	06 p1030 A67-17658 #	06 p1094 A67-17703*	06 p0950 A67-17748*	06 p1001 A67-17793
06 p1028 A67-17614	06 p1013 A67-17659	06 p1094 A67-17704*	06 p0950 A67-17749	06 p1001 A67-17794
06 p0973 A67-17615	06 p0982 A67-17660	06 p0961 A67-17705	06 p0950 A67-17750	06 p1013 A67-17795
06 p0967 A67-17616	06 p1111 A67-17661	06 p0961 A67-17706*	06 p0950 A67-17751*	06 p1013 A67-17796*
06 p1000 A67-17617 #	06 p0957 A67-17662	06 p1120 A67-17707	06 p0950 A67-17752*	06 p1013 A67-17797
06 p1000 A67-17618 #	06 p1093 A67-17663	06 p1120 A67-17708	06 p1000 A67-17753*	06 p1013 A67-17798
06 p1009 A67-17619 #	06 p0959 A67-17664	06 p0961 A67-17709	06 p1009 A67-17754	06 p1013 A67-17799
06 p1009 A67-17620 #	06 p0959 A67-17665	06 p1120 A67-17710	06 p1047 A67-17755	06 p1014 A67-17800
06 p1038 A67-17621 #	06 p0959 A67-17666	06 p1120 A67-17711	06 p1009 A67-17756	06 p1014 A67-17801*
06 p1006 A67-17622	06 p0959 A67-17667	06 p1099 A67-17712	06 p1009 A67-17757	06 p1014 A67-17802
06 p0935 A67-17623	06 p0979 A67-17668	06 p1047 A67-17713	06 p1047 A67-17758	06 p1014 A67-17803
06 p0944 A67-17624	06 p0959 A67-17669	06 p0973 A67-17714	06 p1038 A67-17759	06 p1014 A67-17804
06 p0944 A67-17625	06 p0959 A67-17670	06 p1022 A67-17715 #	06 p1047 A67-17760	06 p1014 A67-17805*
06 p0973 A67-17626	06 p0959 A67-17671	06 p0994 A67-17716 #	06 p1079 A67-17761*	06 p1014 A67-17806
06 p0944 A67-17627	06 p0959 A67-17672	06 p0994 A67-17717	06 p1079 A67-17762 #	06 p1014 A67-17807
06 p0944 A67-17628	06 p0960 A67-17673	06 p0973 A67-17718	06 p1079 A67-17763 #	06 p1015 A67-17808
06 p0935 A67-17629	06 p0960 A67-17674	06 p0982 A67-17719	06 p1079 A67-17764 #	06 p1015 A67-17809
06 p0944 A67-17630	06 p0960 A67-17675	06 p1028 A67-17720	06 p1080 A67-17765*#	06 p1015 A67-17810
06 p0945 A67-17631	06 p0960 A67-17676	06 p1028 A67-17721	06 p1080 A67-17766*#	06 p0967 A67-17811
06 p0979 A67-17632	06 p0960 A67-17677	06 p1028 A67-17722	06 p0994 A67-17767*#	06 p0967 A67-17812
06 p1000 A67-17633	06 p1093 A67-17678	06 p1009 A67-17723	06 p1080 A67-17768*#	06 p0967 A67-17813
06 p1076 A67-17634	06 p1094 A67-17679*	06 p1022 A67-17724 #	06 p1080 A67-17769 #	06 p0968 A67-17814 #
06 p0957 A67-17635	06 p1094 A67-17680	06 p0935 A67-17725 #	06 p0973 A67-17770 #	06 p1048 A67-17815 #

ACCESSION NUMBER INDEX

06 p1048 A67-17816 #	06 p1023 A67-17861 #	06 p0945 A67-17906	06 p1017 A67-17951	06 p0953 A67-17996 #
06 p1048 A67-17817 #	06 p1023 A67-17862 #	06 p0945 A67-17907	06 p1017 A67-17952	06 p0953 A67-17997 #
06 p1048 A67-17818 #	06 p0994 A67-17863 #	06 p0945 A67-17908	06 p1112 A67-17953	06 p0954 A67-17998 #
06 p1048 A67-17819 #	06 p1099 A67-17864 #	06 p0945 A67-17909	06 p1112 A67-17954	06 p1017 A67-17999 #
06 p1048 A67-17820 #	06 p1049 A67-17865 #	06 p0946 A67-17910	06 p1112 A67-17955	06 p1100 A67-18000 #
06 p1048 A67-17821 #	06 p1049 A67-17866 #	06 p1099 A67-17911*	06 p1112 A67-17956	06 p1100 A67-18001 #
06 p1010 A67-17822 #	06 p1031 A67-17867 #	06 p0946 A67-17912	06 p1112 A67-17957	06 p1100 A67-18002 #
06 p1010 A67-17823 #	06 p1049 A67-17868 #	06 p0946 A67-17913	06 p1112 A67-17958	06 p1094 A67-18003 #
06 p1039 A67-17824 #	06 p1020 A67-17869*	06 p0937 A67-17914	06 p1112 A67-17959	06 p0937 A67-18004 #
06 p1039 A67-17825 #	06 p1031 A67-17870*	06 p0946 A67-17915	06 p1112 A67-17960	06 p0946 A67-18005 #
06 p1034 A67-17826*	06 p1082 A67-17871	06 p0946 A67-17916	06 p1112 A67-17961	06 p0979 A67-18006 #
06 p1019 A67-17827*	06 p0952 A67-17872*	06 p1099 A67-17917	06 p1112 A67-17962	06 p0947 A67-18007 #
06 p1035 A67-17828*	06 p0952 A67-17873*	06 p0937 A67-17918	06 p1113 A67-17963	06 p0947 A67-18008 #
06 p1035 A67-17829*	06 p1111 A67-17874*	06 p0979 A67-17919	06 p0968 A67-17964	06 p1077 A67-18009 #
06 p1035 A67-17830*	06 p1077 A67-17875*	06 p1099 A67-17920*	06 p1010 A67-17965	06 p0937 A67-18010 #
06 p0955 A67-17831*	06 p1010 A67-17876	06 p0973 A67-17921	06 p1017 A67-17966 #	06 p1100 A67-18011 #
06 p1048 A67-17832*	06 p1035 A67-17877	06 p1028 A67-17922	06 p1017 A67-17967 #	06 p1100 A67-18012 #
06 p0994 A67-17833*	06 p0983 A67-17878	06 p0974 A67-17923*	06 p1017 A67-17968 #	06 p0937 A67-18013 #
06 p1099 A67-17834*	06 p1049 A67-17879	06 p0974 A67-17924	06 p0962 A67-17969	06 p1082 A67-18014 #
06 p1015 A67-17835 #	06 p1031 A67-17880	06 p0974 A67-17925	06 p0994 A67-17970	06 p1082 A67-18015 #
06 p1023 A67-17836 #	06 p1039 A67-17881	06 p0974 A67-17926	06 p0995 A67-17971	06 p0947 A67-18016
06 p1023 A67-17837 #	06 p1049 A67-17882	06 p1028 A67-17927	06 p0995 A67-17972	06 p0979 A67-18017
06 p1031 A67-17838 #	06 p1031 A67-17883	06 p0983 A67-17928 #	06 p0995 A67-17973	06 p0979 A67-18018
06 p1082 A67-17839 #	06 p1010 A67-17884	06 p0974 A67-17929	06 p0995 A67-17974	06 p1007 A67-18019
06 p1048 A67-17840 #	06 p1010 A67-17885	06 p0974 A67-17930	06 p1002 A67-17975	06 p0980 A67-18020
06 p1077 A67-17841 #	06 p1049 A67-17886	06 p0974 A67-17931*	06 p1002 A67-17976	06 p1002 A67-18021
06 p1015 A67-17842 #	06 p1001 A67-17887	06 p1082 A67-17932	06 p1002 A67-17977	06 p0950 A67-18022
06 p1035 A67-17843 #	06 p1010 A67-17888	06 p0974 A67-17933	06 p1082 A67-17978*	06 p1007 A67-18023
06 p1035 A67-17844 #	06 p1010 A67-17889	06 p0975 A67-17934	06 p1002 A67-17979	06 p1025 A67-18024
06 p1035 A67-17845 #	06 p1010 A67-17890	06 p0975 A67-17935	06 p0946 A67-17980 #	06 p1002 A67-18025
06 p1015 A67-17846 #	06 p1010 A67-17891	06 p1001 A67-17936 #	06 p1113 A67-17981 #	06 p1007 A67-18026
06 p0952 A67-17847*	06 p1010 A67-17892	06 p1001 A67-17937 #	06 p0937 A67-17982 #	06 p1113 A67-18027 #
06 p0952 A67-17848*	06 p1007 A67-17893	06 p1001 A67-17938 #	06 p0955 A67-17983	06 p0947 A67-18028 #
06 p0955 A67-17849*	06 p0968 A67-17894	06 p1050 A67-17939 #	06 p1071 A67-17984	06 p0984 A67-18029 #
06 p1015 A67-17850*	06 p1050 A67-17895 #	06 p0950 A67-17940 #	06 p0955 A67-17985	06 p0984 A67-18030 #
06 p1019 A67-17851*	06 p1015 A67-17896	06 p1002 A67-17941 #	06 p0955 A67-17986	06 p0937 A67-18031 #
06 p1001 A67-17852*	06 p1016 A67-17897	06 p1023 A67-17942	06 p1072 A67-17987	06 p1100 A67-18032 #
06 p0952 A67-17853*	06 p1016 A67-17898	06 p0961 A67-17943*	06 p1020 A67-17988	06 p1100 A67-18033 #
06 p1048 A67-17854 #	06 p1016 A67-17899	06 p0962 A67-17944	06 p1035 A67-17989*	06 p1032 A67-18034 #
06 p1048 A67-17855 #	06 p1016 A67-17900	06 p0962 A67-17945	06 p1113 A67-17990	06 p0975 A67-18035 #
06 p0968 A67-17856 #	06 p1016 A67-17901	06 p0965 A67-17946	06 p0937 A67-17991	06 p0975 A67-18036 #
06 p1049 A67-17857 #	06 p1016 A67-17902	06 p0965 A67-17947*	06 p1100 A67-17992	06 p0975 A67-18037 #
06 p1049 A67-17858 #	06 p1016 A67-17903	06 p0962 A67-17948	06 p1094 A67-17993	06 p1023 A67-18038 #
06 p1049 A67-17859 #	06 p1016 A67-17904	06 p1031 A67-17949	06 p1017 A67-17994	06 p1082 A67-18039 #
06 p0983 A67-17860	06 p0945 A67-17905	06 p1100 A67-17950	06 p0953 A67-17995 #	06 p1083 A67-18040 #

ACCESSION NUMBER INDEX

06 p1002 A67-18041 #	06 p1040 A67-18086	06 p0985 A67-18131 #	06 p1003 A67-18176 #	06 p1051 A67-18221
06 p1002 A67-18042 #	06 p0975 A67-18087	06 p0985 A67-18132 #	06 p1003 A67-18177 #	06 p1051 A67-18222
06 p1002 A67-18043 #	06 p1040 A67-18088	06 p0985 A67-18133 #	06 p1003 A67-18178 #	06 p1051 A67-18223
06 p0984 A67-18044 #	06 p0950 A67-18089	06 p1041 A67-18134 #	06 p1028 A67-18179 #	06 p0971 A67-18224
06 p0984 A67-18045 #	06 p1010 A67-18090	06 p0985 A67-18135 #	06 p1113 A67-18180 #	06 p0971 A67-18225
06 p0984 A67-18046 #	06 p0968 A67-18091	06 p1101 A67-18136 #	06 p1101 A67-18181 #	06 p0971 A67-18226
06 p1020 A67-18047*	06 p1040 A67-18092	06 p1035 A67-18137*	06 p1050 A67-18182 #	06 p1017 A67-18227
06 p1039 A67-18048	06 p0968 A67-18093	06 p1041 A67-18138	06 p1050 A67-18183 #	06 p1018 A67-18228
06 p0995 A67-18049	06 p1040 A67-18094	06 p1036 A67-18139*	06 p1017 A67-18184 #	06 p1018 A67-18229
06 p1094 A67-18050	06 p1040 A67-18095	06 p1050 A67-18140*	06 p1050 A67-18185 #	06 p1018 A67-18230
06 p1025 A67-18051 #	06 p0968 A67-18096	06 p1032 A67-18141	06 p0970 A67-18186 #	06 p1018 A67-18231
06 p0995 A67-18052 #	06 p1040 A67-18097	06 p1050 A67-18142*	06 p1041 A67-18187 #	06 p1018 A67-18232
06 p0968 A67-18053	06 p1007 A67-18098	06 p1113 A67-18143	06 p0985 A67-18188	06 p1018 A67-18233
06 p0968 A67-18054*	06 p1020 A67-18099	06 p1050 A67-18144	06 p1114 A67-18189	06 p1008 A67-18234
06 p1002 A67-18055	06 p0975 A67-18100 #	06 p1041 A67-18145	06 p0985 A67-18190	06 p1018 A67-18235
06 p0962 A67-18056*	06 p1032 A67-18101 #	06 p1050 A67-18146*	06 p0970 A67-18191	06 p1018 A67-18236
06 p0965 A67-18057	06 p1040 A67-18102 #	06 p1041 A67-18147	06 p1003 A67-18192	06 p0976 A67-18237 #
06 p0955 A67-18058 #	06 p1007 A67-18103	06 p1011 A67-18148	06 p0970 A67-18193	06 p0976 A67-18238 #
06 p0984 A67-18059	06 p1007 A67-18104	06 p1041 A67-18149	06 p0970 A67-18194	06 p1101 A67-18239 #
06 p1007 A67-18060	06 p1003 A67-18105	06 p1011 A67-18150	06 p1003 A67-18195	06 p0976 A67-18240 #
06 p1007 A67-18061	06 p0969 A67-18106	06 p1036 A67-18151*	06 p0947 A67-18196	06 p0976 A67-18241 #
06 p1020 A67-18062	06 p0969 A67-18107	06 p1077 A67-18152 #	06 p0947 A67-18197*#	06 p0966 A67-18242 #
06 p0950 A67-18063	06 p0975 A67-18108*	06 p1083 A67-18153 #	06 p1094 A67-18198*#	06 p1032 A67-18243 #
06 p1083 A67-18064 #	06 p0969 A67-18109	06 p1083 A67-18154 #	06 p0947 A67-18199 #	06 p0971 A67-18244
06 p1077 A67-18065 #	06 p0963 A67-18110	06 p1077 A67-18155 #	06 p0947 A67-18200*#	06 p0971 A67-18245
06 p1083 A67-18066 #	06 p1100 A67-18111	06 p1077 A67-18156 #	06 p0948 A67-18201 #	06 p0971 A67-18246
06 p1039 A67-18067 #	06 p0984 A67-18112*	06 p1078 A67-18157 #	06 p0948 A67-18202*#	06 p0938 A67-18247 #
06 p1083 A67-18068	06 p0984 A67-18113	06 p1078 A67-18158 #	06 p0970 A67-18203	06 p0938 A67-18248 #
06 p0965 A67-18069	06 p0955 A67-18114	06 p1083 A67-18159 #	06 p0985 A67-18204 #	06 p0938 A67-18249 #
06 p1039 A67-18070 #	06 p1040 A67-18115*	06 p1083 A67-18160 #	06 p1084 A67-18205 #	06 p1114 A67-18250 #
06 p0962 A67-18071 #	06 p1113 A67-18116	06 p1083 A67-18161 #	06 p0963 A67-18206 #	06 p0955 A67-18251 #
06 p0968 A67-18072 #	06 p0950 A67-18117	06 p1078 A67-18162 #	06 p1051 A67-18207 #	06 p1101 A67-18252*#
06 p0995 A67-18073 #	06 p0969 A67-18118 #	06 p1083 A67-18163 #	06 p1032 A67-18208	06 p1101 A67-18253*#
06 p0995 A67-18074*#	06 p0969 A67-18119 #	06 p1084 A67-18164 #	06 p1011 A67-18209	06 p0948 A67-18254 #
06 p0962 A67-18075*#	06 p0969 A67-18120 #	06 p1084 A67-18165 #	06 p1051 A67-18210	06 p0938 A67-18255 #
06 p0962 A67-18076 #	06 p0969 A67-18121 #	06 p1078 A67-18166 #	06 p1011 A67-18211	06 p0985 A67-18256 #
06 p0984 A67-18077	06 p0969 A67-18122 #	06 p1084 A67-18167 #	06 p1078 A67-18212*	06 p0938 A67-18257 #
06 p1039 A67-18078	06 p1040 A67-18123 #	06 p1011 A67-18168 #	06 p0970 A67-18213 #	06 p0963 A67-18258 #
06 p1039 A67-18079	06 p1113 A67-18124 #	06 p0970 A67-18169 #	06 p0971 A67-18214 #	06 p1084 A67-18259 #
06 p1039 A67-18080	06 p1032 A67-18125	06 p0970 A67-18170 #	06 p0971 A67-18215 #	06 p0986 A67-18260*#
06 p1039 A67-18081	06 p0984 A67-18126 #	06 p0970 A67-18171 #	06 p0963 A67-18216 #	06 p0938 A67-18261 #
06 p1039 A67-18082	06 p1113 A67-18127 #	06 p0970 A67-18172 #	06 p0975 A67-18217 #	06 p0986 A67-18262*#
06 p1039 A67-18083	06 p0984 A67-18128 #	06 p1003 A67-18173 #	06 p0975 A67-18218 #	06 p1095 A67-18263*#
06 p1039 A67-18084	06 p1040 A67-18129 #	06 p1003 A67-18174 #	06 p0976 A67-18219 #	06 p1095 A67-18264*#
06 p1040 A67-18085	06 p1040 A67-18130 #	06 p1003 A67-18175 #	06 p0971 A67-18220	06 p1028 A67-18265 #

ACCESSION NUMBER INDEX

06 p1029 A67-18266*#	06 p1085 A67-18311*#	06 p1103 A67-18356*#	06 p0963 A67-18401	06 p0996 A67-18446 #
06 p1023 A67-18267*#	06 p1095 A67-18312*#	06 p0940 A67-18357*#	06 p0976 A67-18402	06 p0996 A67-18447 #
06 p1095 A67-18268*#	06 p1095 A67-18313*#	06 p0948 A67-18358 #	06 p0972 A67-18403	06 p1097 A67-18448*#
06 p0986 A67-18269 #	06 p0939 A67-18314 #	06 p1096 A67-18359*#	06 p0976 A67-18404	06 p1075 A67-18449*#
06 p0986 A67-18270 #	06 p0939 A67-18315 #	06 p0995 A67-18360*#	06 p0976 A67-18405	06 p1072 A67-18450 #
06 p1072 A67-18271 #	06 p1095 A67-18316 #	06 p0940 A67-18361 #	06 p0976 A67-18406	06 p1073 A67-18451*#
06 p1101 A67-18272*#	06 p1102 A67-18317*#	06 p1116 A67-18362*#	06 p0976 A67-18407	06 p1104 A67-18452 #
06 p0986 A67-18273 #	06 p1003 A67-18318*#	06 p1116 A67-18363 #	06 p0976 A67-18408	06 p1104 A67-18453 #
06 p0986 A67-18274 #	06 p1085 A67-18319 #	06 p0988 A67-18364*#	06 p1018 A67-18409	06 p1087 A67-18454*#
06 p1041 A67-18275 #	06 p1115 A67-18320 #	06 p0980 A67-18365	06 p1087 A67-18410*	06 p1087 A67-18455 #
06 p1074 A67-18276 #	06 p0956 A67-18321 #	06 p0981 A67-18366	06 p0963 A67-18411	06 p0988 A67-18456 #
06 p1023 A67-18277*#	06 p1102 A67-18322 #	06 p1036 A67-18367	06 p1096 A67-18412	06 p1104 A67-18457*#
06 p1084 A67-18278 #	06 p0980 A67-18323 #	06 p1036 A67-18368*	06 p0964 A67-18413	06 p1008 A67-18458 #
06 p1114 A67-18279*#	06 p0987 A67-18324 #	06 p1018 A67-18369	06 p0964 A67-18414	06 p0988 A67-18459 #
06 p0986 A67-18280 #	06 p0980 A67-18325*#	06 p1051 A67-18370	06 p0964 A67-18415	06 p0988 A67-18460 #
06 p1041 A67-18281 #	06 p1024 A67-18326*#	06 p1018 A67-18371	06 p0977 A67-18416	06 p0941 A67-18461 #
06 p1074 A67-18282 #	06 p1115 A67-18327 #	06 p1051 A67-18372	06 p0966 A67-18417	06 p1004 A67-18462 #
06 p1114 A67-18283 #	06 p1115 A67-18328*#	06 p1086 A67-18373	06 p1074 A67-18418	06 p0941 A67-18463 #
06 p1114 A67-18284 #	06 p0951 A67-18329 #	06 p1086 A67-18374	06 p1078 A67-18419	06 p1087 A67-18464 #
06 p1101 A67-18285*#	06 p1024 A67-18330 #	06 p1086 A67-18375*	06 p0951 A67-18420	06 p1032 A67-18465 #
06 p0980 A67-18286*#	06 p0939 A67-18331 #	06 p1087 A67-18376	06 p1036 A67-18421	06 p0951 A67-18466 #
06 p1084 A67-18287*#	06 p1085 A67-18332*#	06 p1087 A67-18377	06 p1051 A67-18422 #	06 p0941 A67-18467 #
06 p1084 A67-18288*#	06 p1086 A67-18333*#	06 p1018 A67-18378	06 p1052 A67-18423 #	06 p0989 A67-18468 #
06 p1102 A67-18289 #	06 p1102 A67-18334 #	06 p0953 A67-18379*	06 p1036 A67-18424 #	06 p1073 A67-18469*#
06 p1102 A67-18290*#	06 p1074 A67-18335*#	06 p1116 A67-18380	06 p1036 A67-18425 #	06 p1104 A67-18470*#
06 p1085 A67-18291 #	06 p0987 A67-18336 #	06 p1116 A67-18381*	06 p1037 A67-18426 #	06 p1042 A67-18471 #
06 p1020 A67-18292 #	06 p1086 A67-18337*#	06 p0981 A67-18382	06 p1024 A67-18427	06 p1073 A67-18472 #
06 p1114 A67-18293*#	06 p1086 A67-18338 #	06 p1004 A67-18383	06 p1087 A67-18428	06 p0981 A67-18473 #
06 p1115 A67-18294*#	06 p1103 A67-18339 #	06 p1116 A67-18384	06 p1087 A67-18429 #	06 p0989 A67-18474*#
06 p0939 A67-18295 #	06 p1096 A67-18340 #	06 p1116 A67-18385	06 p0996 A67-18430 #	06 p1024 A67-18475 #
06 p1020 A67-18296 #	06 p0987 A67-18341*#	06 p1117 A67-18386	06 p0996 A67-18431 #	06 p1088 A67-18476*#
06 p0980 A67-18297 #	06 p1074 A67-18342 #	06 p1117 A67-18387*	06 p0996 A67-18432 #	06 p1004 A67-18477*#
06 p1026 A67-18298 #	06 p0980 A67-18343 #	06 p1117 A67-18388	06 p0972 A67-18433	06 p1117 A67-18478 #
06 p0939 A67-18299 #	06 p1096 A67-18344 #	06 p1024 A67-18389	06 p0940 A67-18434 #	06 p1117 A67-18479 #
06 p0987 A67-18300 #	06 p1072 A67-18345 #	06 p1117 A67-18390	06 p1074 A67-18435*#	06 p0989 A67-18480 #
06 p0948 A67-18301*#	06 p1116 A67-18346*#	06 p1004 A67-18391	06 p1074 A67-18436*#	06 p0989 A67-18481 #
06 p0948 A67-18302*#	06 p0987 A67-18347 #	06 p0972 A67-18392	06 p1072 A67-18437 #	06 p0941 A67-18482 #
06 p0939 A67-18303 #	06 p0939 A67-18348 #	06 p1004 A67-18393	06 p1096 A67-18438*#	06 p1097 A67-18483 #
06 p1085 A67-18304 #	06 p0987 A67-18349 #	06 p1011 A67-18394	06 p0940 A67-18439*#	06 p1021 A67-18484*#
06 p0956 A67-18305 #	06 p1096 A67-18350 #	06 p1004 A67-18395	06 p1103 A67-18440 #	06 p1118 A67-18485*#
06 p1042 A67-18306 #	06 p1103 A67-18351 #	06 p1032 A67-18396	06 p1019 A67-18441 #	06 p0989 A67-18486 #
06 p1115 A67-18307*#	06 p1086 A67-18352*#	06 p1032 A67-18397	06 p0988 A67-18442 #	06 p0951 A67-18487 #
06 p1072 A67-18308*#	06 p0940 A67-18353 #	06 p1032 A67-18398	06 p1117 A67-18443 #	06 p1088 A67-18488 #
06 p1102 A67-18309 #	06 p1103 A67-18354 #	06 p1051 A67-18399	06 p0940 A67-18444 #	06 p0989 A67-18489 #
06 p1085 A67-18310*#	06 p1103 A67-18355 #	06 p0988 A67-18400	06 p1029 A67-18445 #	06 p0949 A67-18490 #

ACCESSION NUMBER INDEX

06 p1026 A67-18491 #	06 p1033 A67-18536	06 p1105 A67-18581 #	06 p1106 A67-18626 #	06 p1043 A67-18671 #
06 p1104 A67-18492 #	06 p1033 A67-18537	06 p1033 A67-18582	06 p1106 A67-18627 #	06 p1043 A67-18672 #
06 p1042 A67-18493*#	06 p1033 A67-18538	06 p1119 A67-18583	06 p1106 A67-18628 #	06 p1043 A67-18673 #
06 p1075 A67-18494 #	06 p1118 A67-18539	06 p0978 A67-18584	06 p1106 A67-18629 #	06 p0951 A67-18674 #
06 p1029 A67-18495*#	06 p1042 A67-18540	06 p0990 A67-18585	06 p1106 A67-18630 #	06 p1043 A67-18675 #
06 p1104 A67-18496*#	06 p1033 A67-18541	06 p0942 A67-18586	06 p1106 A67-18631 #	06 p1043 A67-18676 #
06 p1104 A67-18497*#	06 p1011 A67-18542	06 p0942 A67-18587	06 p1107 A67-18632 #	06 p1043 A67-18677 #
06 p1075 A67-18498*#	06 p1004 A67-18543	06 p1105 A67-18588	06 p1107 A67-18633 #	06 p1044 A67-18678 #
06 p1075 A67-18499 #	06 p1033 A67-18544*	06 p1105 A67-18589	06 p1107 A67-18634 #	06 p1044 A67-18679 #
06 p0941 A67-18500*#	06 p1011 A67-18545	06 p1105 A67-18590	06 p1107 A67-18635 #	06 p1044 A67-18680 #
06 p1088 A67-18501*#	06 p1008 A67-18546 #	06 p1105 A67-18591	06 p1107 A67-18636 #	06 p1044 A67-18681 #
06 p1037 A67-18502 #	06 p0977 A67-18547 #	06 p1105 A67-18592	06 p1107 A67-18637 #	06 p1044 A67-18682 #
06 p1004 A67-18503 #	06 p1042 A67-18548 #	06 p1105 A67-18593	06 p1107 A67-18638 #	06 p0951 A67-18683 #
06 p1097 A67-18504 #	06 p1118 A67-18549 #	06 p1008 A67-18594 #	06 p1107 A67-18639 #	06 p0951 A67-18684 #
06 p1088 A67-18505 #	06 p1118 A67-18550 #	06 p1105 A67-18595 #	06 p1034 A67-18640 #	06 p0951 A67-18685 #
06 p1118 A67-18506*#	06 p1118 A67-18551 #	06 p1119 A67-18596 #	06 p0990 A67-18641 #	06 p0952 A67-18686 #
06 p0941 A67-18507*#	06 p1118 A67-18552 #	06 p0949 A67-18597 #	06 p1025 A67-18642 #	06 p0952 A67-18687 #
06 p1029 A67-18508 #	06 p0942 A67-18553 #	06 p1026 A67-18598	06 p0953 A67-18643	06 p1044 A67-18688 #
06 p1021 A67-18509*#	06 p1024 A67-18554 #	06 p1026 A67-18599	06 p1088 A67-18644*	06 p1044 A67-18689 #
06 p0981 A67-18510 #	06 p1024 A67-18555 #	06 p1027 A67-18600	06 p1089 A67-18645	06 p1044 A67-18690 #
06 p0990 A67-18511*#	06 p1024 A67-18556 #	06 p1027 A67-18601	06 p0996 A67-18646*	06 p1044 A67-18691 #
06 p0981 A67-18512 #	06 p1025 A67-18557 #	06 p1027 A67-18602	06 p1089 A67-18647	06 p1045 A67-18692 #
06 p1097 A67-18513 #	06 p1019 A67-18558	06 p1027 A67-18603	06 p1089 A67-18648	06 p0952 A67-18693 #
06 p1052 A67-18514*#	06 p0978 A67-18559 #	06 p1027 A67-18604	06 p1098 A67-18649	06 p0997 A67-18694 #
06 p0990 A67-18515 #	06 p0978 A67-18560 #	06 p1027 A67-18605	06 p1119 A67-18650	06 p1025 A67-18695
06 p0942 A67-18516 #	06 p1019 A67-18561*	06 p1027 A67-18606	06 p1107 A67-18651	06 p1008 A67-18696
06 p1097 A67-18517 #	06 p1105 A67-18562	06 p1027 A67-18607	06 p1107 A67-18652	06 p0997 A67-18697*
06 p0942 A67-18518 #	06 p1026 A67-18563 #	06 p1052 A67-18608	06 p1107 A67-18653	06 p0997 A67-18698
06 p1029 A67-18519 #	06 p0996 A67-18564 #	06 p0956 A67-18609	06 p1108 A67-18654	06 p0997 A67-18699*
06 p1105 A67-18520	06 p1026 A67-18565 #	06 p1052 A67-18610	06 p1108 A67-18655	06 p0997 A67-18700
06 p1118 A67-18521*#	06 p0981 A67-18566	06 p1052 A67-18611	06 p1108 A67-18656	06 p0997 A67-18701*
06 p1097 A67-18522	06 p0964 A67-18567 #	06 p1053 A67-18612	06 p1019 A67-18657	06 p0998 A67-18702
06 p1098 A67-18523*	06 p0996 A67-18568 #	06 p1053 A67-18613	06 p0997 A67-18658 #	06 p0998 A67-18703*
06 p0977 A67-18524	06 p0964 A67-18569 #	06 p1053 A67-18614	06 p1089 A67-18659 #	06 p0998 A67-18704
06 p0977 A67-18525*	06 p1052 A67-18570 #	06 p1053 A67-18615	06 p1108 A67-18660 #	06 p0998 A67-18705
06 p0977 A67-18526	06 p1052 A67-18571 #	06 p1088 A67-18616 #	06 p1108 A67-18661 #	06 p1037 A67-18706
06 p1032 A67-18527	06 p1042 A67-18572*#	06 p1034 A67-18617 #	06 p1108 A67-18662 #	06 p0998 A67-18707
06 p0977 A67-18528	06 p1037 A67-18573 #	06 p1106 A67-18618 #	06 p1108 A67-18663 #	06 p1089 A67-18708
06 p0977 A67-18529	06 p1042 A67-18574*#	06 p1004 A67-18619 #	06 p1109 A67-18664 #	06 p1089 A67-18709
06 p0977 A67-18530	06 p0964 A67-18575 #	06 p1088 A67-18620 #	06 p1109 A67-18665 #	06 p1089 A67-18710
06 p0977 A67-18531*	06 p0956 A67-18576*	06 p1106 A67-18621 #	06 p1109 A67-18666 #	06 p1053 A67-18711*
06 p1029 A67-18532*	06 p0964 A67-18577 #	06 p1106 A67-18622 #	06 p1109 A67-18667 #	06 p1011 A67-18712
06 p0954 A67-18533*	06 p0972 A67-18578	06 p1106 A67-18623 #	06 p0951 A67-18668 #	06 p1005 A67-18713
06 p1033 A67-18534	06 p1105 A67-18579 #	06 p1106 A67-18624 #	06 p1043 A67-18669 #	06 p1005 A67-18714
06 p1033 A67-18535	06 p1004 A67-18580 #	06 p1106 A67-18625 #	06 p1043 A67-18670 #	06 p1005 A67-18715

ACCESSION NUMBER INDEX

06 p1005 A67-18716	06 p0956 A67-18761 #	06 p1054 A67-18806 #	06 p0992 A67-18851*#	06 p0972 A67-18896 #
06 p0998 A67-18717	06 p1037 A67-18762 #	06 p1119 A67-18807 #	06 p1073 A67-18852*#	06 p0965 A67-18897 #
06 p0998 A67-18718	06 p1098 A67-18763	06 p1021 A67-18808 #	06 p1075 A67-18853 #	06 p0965 A67-18898 #
06 p0978 A67-18719	06 p1021 A67-18764	06 p1109 A67-18809 #	06 p1019 A67-18854 #	06 p0972 A67-18899 #
06 p0978 A67-18720	06 p1098 A67-18765	06 p0991 A67-18810 #	06 p1021 A67-18855 #	06 p0972 A67-18900 #
06 p0978 A67-18721	06 p0964 A67-18766	06 p1045 A67-18811 #	06 p1110 A67-18856 #	06 p1054 A67-18901
06 p1005 A67-18722 #	06 p0964 A67-18767	06 p1045 A67-18812 #	06 p1110 A67-18857 #	06 p1058 A67-18902 #
06 p1119 A67-18723 #	06 p1012 A67-18768	06 p1045 A67-18813 #	06 p1110 A67-18858 #	06 p1058 A67-18903 #
06 p1008 A67-18724	06 p1054 A67-18769	06 p1034 A67-18814 #	06 p1110 A67-18859 #	06 p1058 A67-18904 #
06 p0949 A67-18725	06 p1034 A67-18770	06 p0991 A67-18815 #	06 p1110 A67-18860*#	06 p1058 A67-18905 #
06 p0990 A67-18726	06 p1034 A67-18771	06 p0991 A67-18816 #	06 p1089 A67-18861 #	06 p1059 A67-18906*#
06 p1005 A67-18727 #	06 p1006 A67-18772	06 p0991 A67-18817 #	06 p0992 A67-18862 #	06 p1059 A67-18907 #
06 p1005 A67-18728 #	06 p1089 A67-18773	06 p1119 A67-18818 #	06 p1111 A67-18863 #	06 p1059 A67-18908 #
06 p0942 A67-18729 #	06 p0953 A67-18774*	06 p0991 A67-18819 #	06 p1119 A67-18864 #	06 p1059 A67-18909 #
06 p1025 A67-18730 #	06 p0953 A67-18775*	06 p0992 A67-18820 #	06 p1098 A67-18865 #	06 p1059 A67-18910 #
06 p1025 A67-18731 #	06 p0953 A67-18776	06 p1119 A67-18821 #	06 p1075 A67-18866*#	06 p1059 A67-18911 #
06 p1109 A67-18732 #	06 p0991 A67-18777*	06 p1054 A67-18822	06 p1090 A67-18867 #	06 p1059 A67-18912 #
06 p1025 A67-18733 #	06 p1012 A67-18778	06 p0981 A67-18823 #	06 p0992 A67-18868 #	06 p1060 A67-18913 #
06 p0952 A67-18734 #	06 p1045 A67-18779 #	06 p1054 A67-18824 #	06 p1073 A67-18869 #	06 p1060 A67-18914 #
06 p0949 A67-18735 #	06 p1045 A67-18780 #	06 p1046 A67-18825 #	06 p0943 A67-18870 #	06 p1060 A67-18915 #
06 p0998 A67-18736	06 p0943 A67-18781 #	06 p1046 A67-18826 #	06 p0944 A67-18871 #	06 p1060 A67-18916 #
06 p0999 A67-18737	06 p1012 A67-18782 #	06 p1046 A67-18827 #	06 p1046 A67-18872*#	06 p1060 A67-18917 #
06 p1089 A67-18738	06 p1012 A67-18783 #	06 p1046 A67-18828 #	06 p1111 A67-18873 #	06 p1060 A67-18918 #
06 p0999 A67-18739	06 p1012 A67-18784 #	06 p1046 A67-18829 #	06 p0992 A67-18874 #	06 p1060 A67-18919 #
06 p0999 A67-18740	06 p1045 A67-18785 #	06 p0992 A67-18830 #	06 p0944 A67-18875 #	06 p1061 A67-18920 #
06 p0999 A67-18741	06 p1006 A67-18786 #	06 p1046 A67-18831 #	06 p1111 A67-18876 #	06 p1061 A67-18921 #
06 p1005 A67-18742	06 p1012 A67-18787 #	06 p1054 A67-18832*#	06 p1075 A67-18877*#	06 p1061 A67-18922 #
06 p1045 A67-18743 #	06 p1012 A67-18788 #	06 p0952 A67-18833	06 p0992 A67-18878 #	06 p1061 A67-18923 #
06 p0949 A67-18744	06 p1012 A67-18789 #	06 p0965 A67-18834	06 p1076 A67-18879*#	06 p1061 A67-18924 #
06 p0942 A67-18745	06 p1045 A67-18790 #	06 p0972 A67-18835	06 p0992 A67-18880 #	06 p1061 A67-18925 #
06 p0949 A67-18746	06 p1006 A67-18791 #	06 p1006 A67-18836	06 p0981 A67-18881 #	06 p1061 A67-18926*#
06 p1109 A67-18747	06 p0978 A67-18792 #	06 p1008 A67-18837	06 p0992 A67-18882 #	06 p1062 A67-18927 #
06 p0990 A67-18748	06 p0978 A67-18793 #	06 p1109 A67-18838	06 p1111 A67-18883 #	06 p1062 A67-18928 #
06 p0990 A67-18749	06 p0978 A67-18794 #	06 p1109 A67-18839	06 p1111 A67-18884 #	06 p1062 A67-18929 #
06 p0942 A67-18750	06 p1078 A67-18795 #	06 p1110 A67-18840	06 p0992 A67-18885 #	06 p1013 A67-18930 #
06 p0990 A67-18751	06 p1037 A67-18796 #	06 p0943 A67-18841 #	06 p1090 A67-18886*#	06 p1062 A67-18931 #
06 p0991 A67-18752	06 p1012 A67-18797 #	06 p1110 A67-18842 #	06 p0992 A67-18887 #	06 p1062 A67-18932 #
06 p1005 A67-18753	06 p1054 A67-18798 #	06 p0943 A67-18843 #	06 p0944 A67-18888*#	06 p1062 A67-18933 #
06 p0981 A67-18754	06 p0991 A67-18799 #	06 p0943 A67-18844 #	06 p1111 A67-18889 #	06 p1063 A67-18934 #
06 p1053 A67-18755*	06 p1037 A67-18800 #	06 p0943 A67-18845 #	06 p0993 A67-18890 #	06 p1063 A67-18935 #
06 p1053 A67-18756	06 p1045 A67-18801 #	06 p0943 A67-18846 #	06 p1046 A67-18891 #	06 p1063 A67-18936 #
06 p1053 A67-18757*#	06 p0991 A67-18802 #	06 p0943 A67-18847 #	06 p1111 A67-18892	06 p1063 A67-18937 #
06 p1011 A67-18758 #	06 p1045 A67-18803 #	06 p0943 A67-18848 #	06 p0993 A67-18893	06 p1063 A67-18938 #
06 p1012 A67-18759 #	06 p1012 A67-18804 #	06 p1119 A67-18849*#	06 p0972 A67-18894 #	06 p1063 A67-18939 #
06 p0956 A67-18760 #	06 p1054 A67-18805 #	06 p1075 A67-18850*#	06 p0965 A67-18895 #	06 p1063 A67-18940 #

ACCESSION NUMBER INDEX

06 p1064 A67-18941 #	06 p1070 A67-18986 #	06 p1092 A67-19031	07 p1265 A67-19076	07 p1225 A67-19121 #
06 p1064 A67-18942 #	06 p1070 A67-18987 #	06 p1093 A67-19032*	07 p1239 A67-19077*	07 p1225 A67-19122 #
06 p1064 A67-18943 #	06 p1070 A67-18988 #	06 p1093 A67-19033*	07 p1239 A67-19078	07 p1265 A67-19123 #
06 p1064 A67-18944 #	06 p1071 A67-18989 #	06 p1093 A67-19034	07 p1193 A67-19079	07 p1265 A67-19124 #
06 p1064 A67-18945 #	06 p1071 A67-18990 #	06 p1093 A67-19035	07 p1193 A67-19080	07 p1265 A67-19125 #
06 p1064 A67-18946 #	06 p1071 A67-18991 #	06 p1093 A67-19036*	07 p1231 A67-19081	07 p1265 A67-19126 #
06 p1064 A67-18947 #	06 p1071 A67-18992 #	06 p1093 A67-19037	07 p1194 A67-19082	07 p1265 A67-19127 #
06 p1065 A67-18948 #	06 p1090 A67-18993	06 p1120 A67-19038	07 p1194 A67-19083	07 p1198 A67-19128 #
06 p1065 A67-18949 #	06 p1091 A67-18994	06 p0954 A67-19039	07 p1194 A67-19084	07 p1225 A67-19129 #
06 p1065 A67-18950 #	06 p1091 A67-18995*	06 p0954 A67-19040	07 p1194 A67-19085	07 p1211 A67-19130 #
06 p1065 A67-18951 #	06 p1091 A67-18996	06 p1120 A67-19041	07 p1194 A67-19086	07 p1194 A67-19131 #
06 p1065 A67-18952 #	06 p1091 A67-18997	06 p1120 A67-19042	07 p1194 A67-19087	07 p1149 A67-19132 #
06 p1065 A67-18953 #	06 p1028 A67-18998	06 p1037 A67-19043	07 p1194 A67-19088	07 p1231 A67-19133 #
06 p1065 A67-18954 #	06 p1091 A67-18999	06 p1038 A67-19044*	07 p1194 A67-19089	07 p1261 A67-19134 #
06 p1066 A67-18955 #	06 p0999 A67-19000*	06 p1038 A67-19045*	07 p1190 A67-19090	07 p1125 A67-19135 #
06 p1066 A67-18956 #	06 p1091 A67-19001	06 p1038 A67-19046*	07 p1194 A67-19091	07 p1212 A67-19136 #
06 p1066 A67-18957 #	06 p0999 A67-19002*	06 p1038 A67-19047*	07 p1183 A67-19092	07 p1212 A67-19137 #
06 p1066 A67-18958 #	06 p1091 A67-19003	06 p1098 A67-19048	07 p1247 A67-19093	07 p1159 A67-19138 #
06 p1066 A67-18959 #	06 p1092 A67-19004	06 p1028 A67-19049	07 p1247 A67-19094	07 p1212 A67-19139 #
06 p1066 A67-18960 #	06 p1092 A67-19005	06 p0973 A67-19050	07 p1247 A67-19095	07 p1261 A67-19140 #
06 p1067 A67-18961 #	06 p0999 A67-19006	07 p1149 A67-19051	07 p1247 A67-19096	07 p1125 A67-19141 #
06 p1067 A67-18962 #	06 p0953 A67-19007	07 p1218 A67-19052	07 p1169 A67-19097	07 p1195 A67-19142 #
06 p1067 A67-18963 #	06 p1092 A67-19008	07 p1246 A67-19053	07 p1247 A67-19098	07 p1183 A67-19143 #
06 p1067 A67-18964	06 p1092 A67-19009	07 p1246 A67-19054	07 p1225 A67-19099	07 p1266 A67-19144
06 p1067 A67-18965 #	06 p1006 A67-19010	07 p1246 A67-19055	07 p1170 A67-19100	07 p1266 A67-19145 #
06 p1067 A67-18966 #	06 p1006 A67-19011	07 p1246 A67-19056	07 p1170 A67-19101	07 p1266 A67-19146 #
06 p1067 A67-18967 #	06 p1092 A67-19012	07 p1246 A67-19057*	07 p1242 A67-19102	07 p1266 A67-19147 #
06 p1068 A67-18968 #	06 p1006 A67-19013	07 p1247 A67-19058	07 p1170 A67-19103	07 p1219 A67-19148 #
06 p1068 A67-18969*#	06 p1092 A67-19014	07 p1261 A67-19059	07 p1265 A67-19104	07 p1184 A67-19149 #
06 p1068 A67-18970 #	06 p0999 A67-19015	07 p1230 A67-19060	07 p1131 A67-19105	07 p1147 A67-19150 #
06 p1068 A67-18971 #	06 p1092 A67-19016	07 p1231 A67-19061	07 p1135 A67-19106	07 p1167 A67-19151 #
06 p1068 A67-18972 #	06 p0954 A67-19017*	07 p1242 A67-19062	07 p1136 A67-19107	07 p1212 A67-19152
06 p1068 A67-18973 #	06 p0954 A67-19018	07 p1247 A67-19063	07 p1133 A67-19108	07 p1213 A67-19153
06 p1068 A67-18974 #	06 p1098 A67-19019*	07 p1247 A67-19064*	07 p1133 A67-19109	07 p1213 A67-19154
06 p1069 A67-18975 #	06 p1098 A67-19020*	07 p1219 A67-19065	07 p1125 A67-19110	07 p1213 A67-19155
06 p1069 A67-18976 #	06 p1098 A67-19021	07 p1219 A67-19066 #	07 p1170 A67-19111	07 p1167 A67-19156
06 p0972 A67-18977 #	06 p1098 A67-19022	07 p1219 A67-19067 #	07 p1242 A67-19112	07 p1167 A67-19157
06 p1069 A67-18978 #	06 p1076 A67-19023	07 p1221 A67-19068 #	07 p1242 A67-19113	07 p1213 A67-19158
06 p1069 A67-18979 #	06 p1030 A67-19024	07 p1238 A67-19069	07 p1133 A67-19114	07 p1213 A67-19159
06 p1069 A67-18980 #	06 p1030 A67-19025	07 p1238 A67-19070	07 p1227 A67-19115 #	07 p1213 A67-19160
06 p1069 A67-18981 #	06 p1030 A67-19026	07 p1264 A67-19071	07 p1225 A67-19116 #	07 p1213 A67-19161 #
06 p1070 A67-18982 #	06 p1076 A67-19027*	07 p1238 A67-19072	07 p1225 A67-19117 #	07 p1266 A67-19162 #
06 p1070 A67-18983 #	06 p0965 A67-19028	07 p1265 A67-19073	07 p1227 A67-19118 #	07 p1261 A67-19163 #
06 p1070 A67-18984 #	06 p1092 A67-19029	07 p1239 A67-19074	07 p1227 A67-19119 #	07 p1231 A67-19164 #
06 p1070 A67-18985 #	06 p0954 A67-19030	07 p1265 A67-19075	07 p1227 A67-19120 #	07 p1149 A67-19165 #

ACCESSION NUMBER INDEX

07 p1247 A67-19166 #	07 p1214 A67-19211*	07 p1201 A67-19256 #	07 p1231 A67-19301	07 p1133 A67-19346 #
07 p1219 A67-19167 #	07 p1190 A67-19212	07 p1201 A67-19257 #	07 p1150 A67-19302	07 p1126 A67-19347 #
07 p1247 A67-19168 #	07 p1198 A67-19213 #	07 p1168 A67-19258 #	07 p1208 A67-19303	07 p1262 A67-19348 #
07 p1211 A67-19169 #	07 p1190 A67-19214*#	07 p1202 A67-19259	07 p1190 A67-19304	07 p1126 A67-19349 #
07 p1211 A67-19170 #	07 p1198 A67-19215 #	07 p1203 A67-19260 #	07 p1208 A67-19305	07 p1163 A67-19350 #
07 p1261 A67-19171 #	07 p1214 A67-19216 #	07 p1203 A67-19261 #	07 p1208 A67-19306	07 p1239 A67-19351 #
07 p1213 A67-19172 #	07 p1168 A67-19217 #	07 p1203 A67-19262 #	07 p1208 A67-19307	07 p1268 A67-19352 #
07 p1213 A67-19173 #	07 p1261 A67-19218 #	07 p1204 A67-19263 #	07 p1227 A67-19308 #	07 p1190 A67-19353 #
07 p1214 A67-19174 #	07 p1223 A67-19219 #	07 p1204 A67-19264 #	07 p1267 A67-19309 #	07 p1184 A67-19354 #
07 p1214 A67-19175 #	07 p1215 A67-19220 #	07 p1204 A67-19265 #	07 p1267 A67-19310 #	07 p1191 A67-19355 #
07 p1214 A67-19176 #	07 p1215 A67-19221 #	07 p1204 A67-19266 #	07 p1267 A67-19311 #	07 p1219 A67-19356 #
07 p1214 A67-19177 #	07 p1138 A67-19222	07 p1204 A67-19267 #	07 p1267 A67-19312 #	07 p1170 A67-19357 #
07 p1214 A67-19178 #	07 p1139 A67-19223 #	07 p1204 A67-19268 #	07 p1239 A67-19313 #	07 p1248 A67-19358*#
07 p1214 A67-19179 #	07 p1139 A67-19224 #	07 p1204 A67-19269 #	07 p1267 A67-19314 #	07 p1257 A67-19359*#
07 p1214 A67-19180 #	07 p1139 A67-19225 #	07 p1204 A67-19270 #	07 p1195 A67-19315 #	07 p1257 A67-19360 #
07 p1266 A67-19181 #	07 p1147 A67-19226 #	07 p1205 A67-19271 #	07 p1150 A67-19316	07 p1257 A67-19361 #
07 p1266 A67-19182 #	07 p1139 A67-19227 #	07 p1205 A67-19272 #	07 p1150 A67-19317 #	07 p1257 A67-19362 #
07 p1266 A67-19183 #	07 p1139 A67-19228 #	07 p1205 A67-19273 #	07 p1184 A67-19318 #	07 p1248 A67-19363*#
07 p1198 A67-19184 #	07 p1139 A67-19229 #	07 p1205 A67-19274 #	07 p1150 A67-19319 #	07 p1240 A67-19364*#
07 p1159 A67-19185 #	07 p1139 A67-19230 #	07 p1205 A67-19275 #	07 p1125 A67-19320	07 p1240 A67-19365*#
07 p1168 A67-19186 #	07 p1140 A67-19231 #	07 p1205 A67-19276 #	07 p1227 A67-19321 #	07 p1131 A67-19366 #
07 p1149 A67-19187 #	07 p1140 A67-19232 #	07 p1205 A67-19277 #	07 p1125 A67-19322 #	07 p1268 A67-19367 #
07 p1149 A67-19188 #	07 p1140 A67-19233 #	07 p1205 A67-19278 #	07 p1126 A67-19323 #	07 p1257 A67-19368*#
07 p1261 A67-19189 #	07 p1140 A67-19234 #	07 p1206 A67-19279 #	07 p1267 A67-19324 #	07 p1163 A67-19369 #
07 p1261 A67-19190 #	07 p1150 A67-19235 #	07 p1206 A67-19280 #	07 p1267 A67-19325 #	07 p1240 A67-19370 #
07 p1131 A67-19191 #	07 p1150 A67-19236 #	07 p1206 A67-19281 #	07 p1261 A67-19326 #	07 p1257 A67-19371*#
07 p1159 A67-19192	07 p1140 A67-19237 #	07 p1206 A67-19282 #	07 p1267 A67-19327 #	07 p1257 A67-19372*#
07 p1159 A67-19193	07 p1198 A67-19238	07 p1206 A67-19283 #	07 p1267 A67-19328 #	07 p1184 A67-19373 #
07 p1221 A67-19194*	07 p1199 A67-19239 #	07 p1206 A67-19284 #	07 p1215 A67-19329 #	07 p1268 A67-19374 #
07 p1159 A67-19195	07 p1199 A67-19240 #	07 p1206 A67-19285 #	07 p1170 A67-19330	07 p1257 A67-19375 #
07 p1160 A67-19196	07 p1199 A67-19241 #	07 p1207 A67-19286 #	07 p1247 A67-19331	07 p1258 A67-19376*#
07 p1160 A67-19197	07 p1199 A67-19242 #	07 p1207 A67-19287 #	07 p1247 A67-19332	07 p1240 A67-19377 #
07 p1160 A67-19198	07 p1199 A67-19243 #	07 p1207 A67-19288 #	07 p1248 A67-19333	07 p1126 A67-19378 #
07 p1128 A67-19199	07 p1200 A67-19244 #	07 p1207 A67-19289 #	07 p1170 A67-19334	07 p1163 A67-19379 #
07 p1160 A67-19200	07 p1200 A67-19245 #	07 p1207 A67-19290 #	07 p1219 A67-19335	07 p1258 A67-19380 #
07 p1160 A67-19201	07 p1200 A67-19246 #	07 p1207 A67-19291 #	07 p1170 A67-19336	07 p1168 A67-19381 #
07 p1160 A67-19202	07 p1200 A67-19247 #	07 p1207 A67-19292 #	07 p1140 A67-19337	07 p1126 A67-19382*#
07 p1160 A67-19203	07 p1200 A67-19248 #	07 p1207 A67-19293 #	07 p1141 A67-19338	07 p1221 A67-19383 #
07 p1161 A67-19204	07 p1200 A67-19249 #	07 p1208 A67-19294 #	07 p1141 A67-19339	07 p1163 A67-19384*#
07 p1161 A67-19205	07 p1200 A67-19250 #	07 p1190 A67-19295 #	07 p1141 A67-19340	07 p1163 A67-19385 #
07 p1161 A67-19206	07 p1201 A67-19251 #	07 p1190 A67-19296 #	07 p1150 A67-19341	07 p1248 A67-19386 #
07 p1225 A67-19207*	07 p1201 A67-19252 #	07 p1208 A67-19297 #	07 p1141 A67-19342	07 p1262 A67-19387
07 p1147 A67-19208	07 p1201 A67-19253 #	07 p1239 A67-19298	07 p1150 A67-19343	07 p1184 A67-19388
07 p1150 A67-19209 #	07 p1201 A67-19254 #	07 p1208 A67-19299	07 p1141 A67-19344	07 p1184 A67-19389
07 p1239 A67-19210 #	07 p1201 A67-19255 #	07 p1247 A67-19300	07 p1262 A67-19345 #	07 p1170 A67-19390

ACCESSION NUMBER INDEX

07 p1184 A67-19391*	07 p1240 A67-19436 #	07 p1131 A67-19481 #	07 p1258 A67-19526	07 p1186 A67-19571
07 p1184 A67-19392	07 p1240 A67-19437*#	07 p1248 A67-19482	07 p1186 A67-19527	07 p1258 A67-19572
07 p1170 A67-19393	07 p1163 A67-19438*#	07 p1248 A67-19483	07 p1131 A67-19528	07 p1259 A67-19573
07 p1171 A67-19394*	07 p1163 A67-19439 #	07 p1248 A67-19484	07 p1191 A67-19529	07 p1268 A67-19574*
07 p1184 A67-19395	07 p1258 A67-19440 #	07 p1248 A67-19485	07 p1163 A67-19530	07 p1268 A67-19575
07 p1184 A67-19396	07 p1141 A67-19441 #	07 p1248 A67-19486	07 p1131 A67-19531	07 p1168 A67-19576
07 p1185 A67-19397	07 p1151 A67-19442 #	07 p1231 A67-19487 #	07 p1134 A67-19532	07 p1168 A67-19577
07 p1185 A67-19398	07 p1141 A67-19443 #	07 p1231 A67-19488 #	07 p1220 A67-19533	07 p1128 A67-19578
07 p1185 A67-19399*	07 p1141 A67-19444 #	07 p1231 A67-19489 #	07 p1163 A67-19534	07 p1220 A67-19579
07 p1224 A67-19400	07 p1151 A67-19445 #	07 p1195 A67-19490 #	07 p1128 A67-19535	07 p1232 A67-19580
07 p1185 A67-19401	07 p1142 A67-19446 #	07 p1231 A67-19491 #	07 p1249 A67-19536	07 p1215 A67-19581 #
07 p1185 A67-19402	07 p1151 A67-19447 #	07 p1195 A67-19492 #	07 p1249 A67-19537*	07 p1216 A67-19582 #
07 p1191 A67-19403	07 p1142 A67-19448 #	07 p1186 A67-19493 #	07 p1249 A67-19538	07 p1216 A67-19583 #
07 p1185 A67-19404	07 p1142 A67-19449 #	07 p1225 A67-19494	07 p1249 A67-19539	07 p1216 A67-19584 #
07 p1185 A67-19405*	07 p1142 A67-19450 #	07 p1225 A67-19495*	07 p1249 A67-19540	07 p1142 A67-19585 #
07 p1141 A67-19406	07 p1219 A67-19451	07 p1195 A67-19496	07 p1172 A67-19541	07 p1142 A67-19586 #
07 p1185 A67-19407	07 p1220 A67-19452 #	07 p1225 A67-19497	07 p1142 A67-19542	07 p1186 A67-19587 #
07 p1185 A67-19408	07 p1220 A67-19453 #	07 p1226 A67-19498*	07 p1221 A67-19543	07 p1143 A67-19588 #
07 p1248 A67-19409	07 p1220 A67-19454 #	07 p1226 A67-19499*	07 p1151 A67-19544	07 p1143 A67-19589 #
07 p1262 A67-19410*	07 p1220 A67-19455 #	07 p1226 A67-19500	07 p1152 A67-19545	07 p1152 A67-19590 #
07 p1262 A67-19411	07 p1172 A67-19456 #	07 p1226 A67-19501*	07 p1152 A67-19546	07 p1152 A67-19591 #
07 p1185 A67-19412	07 p1172 A67-19457 #	07 p1228 A67-19502	07 p1152 A67-19547	07 p1152 A67-19592 #
07 p1262 A67-19413	07 p1172 A67-19458 #	07 p1228 A67-19503	07 p1152 A67-19548	07 p1143 A67-19593 #
07 p1262 A67-19414	07 p1222 A67-19459	07 p1224 A67-19504*	07 p1152 A67-19549	07 p1143 A67-19594 #
07 p1171 A67-19415*	07 p1223 A67-19460*	07 p1195 A67-19505 #	07 p1152 A67-19550	07 p1143 A67-19595 #
07 p1141 A67-19416	07 p1223 A67-19461*	07 p1195 A67-19506 #	07 p1152 A67-19551	07 p1143 A67-19596 #
07 p1171 A67-19417	07 p1223 A67-19462	07 p1215 A67-19507 #	07 p1142 A67-19552	07 p1153 A67-19597 #
07 p1171 A67-19418	07 p1223 A67-19463	07 p1228 A67-19508	07 p1231 A67-19553	07 p1153 A67-19598 #
07 p1171 A67-19419	07 p1223 A67-19464	07 p1228 A67-19509	07 p1232 A67-19554	07 p1196 A67-19599 #
07 p1171 A67-19420	07 p1223 A67-19465	07 p1228 A67-19510	07 p1232 A67-19555	07 p1196 A67-19600 #
07 p1171 A67-19421	07 p1208 A67-19466	07 p1228 A67-19511	07 p1232 A67-19556	07 p1196 A67-19601 #
07 p1171 A67-19422	07 p1269 A67-19467*	07 p1228 A67-19512	07 p1232 A67-19557	07 p1143 A67-19602 #
07 p1172 A67-19423	07 p1133 A67-19468*	07 p1228 A67-19513	07 p1186 A67-19558	07 p1172 A67-19603
07 p1172 A67-19424	07 p1195 A67-19469	07 p1228 A67-19514	07 p1195 A67-19559	07 p1153 A67-19604*
07 p1186 A67-19425	07 p1269 A67-19470*	07 p1229 A67-19515 #	07 p1195 A67-19560	07 p1196 A67-19605
07 p1151 A67-19426	07 p1215 A67-19471 #	07 p1229 A67-19516 #	07 p1232 A67-19561	07 p1186 A67-19606
07 p1151 A67-19427	07 p1215 A67-19472 #	07 p1229 A67-19517 #	07 p1172 A67-19562 #	07 p1153 A67-19607
07 p1227 A67-19428	07 p1215 A67-19473 #	07 p1229 A67-19518 #	07 p1226 A67-19563*#	07 p1153 A67-19608
07 p1258 A67-19429	07 p1215 A67-19474 #	07 p1269 A67-19519	07 p1232 A67-19564	07 p1153 A67-19609
07 p1258 A67-19430 #	07 p1215 A67-19475 #	07 p1131 A67-19520	07 p1196 A67-19565	07 p1153 A67-19610
07 p1168 A67-19431 #	07 p1215 A67-19476 #	07 p1240 A67-19521	07 p1229 A67-19566	07 p1153 A67-19611
07 p1126 A67-19432 #	07 p1133 A67-19477	07 p1258 A67-19522	07 p1269 A67-19567	07 p1153 A67-19612
07 p1168 A67-19433 #	07 p1133 A67-19478	07 p1151 A67-19523	07 p1268 A67-19568	07 p1153 A67-19613
07 p1262 A67-19434*#	07 p1133 A67-19479	07 p1258 A67-19524	07 p1240 A67-19569	07 p1153 A67-19614
07 p1240 A67-19435 #	07 p1133 A67-19480	07 p1131 A67-19525	07 p1249 A67-19570*	07 p1154 A67-19615

ACCESSION NUMBER INDEX

07 p1129 A67-19616	07 p1249 A67-19661	07 p1174 A67-19706 #	07 p1263 A67-19751 #	07 p1188 A67-19796
07 p1259 A67-19617	07 p1173 A67-19662	07 p1144 A67-19707 #	07 p1192 A67-19752 #	07 p1155 A67-19797
07 p1136 A67-19618*	07 p1173 A67-19663	07 p1174 A67-19708 #	07 p1192 A67-19753 #	07 p1196 A67-19798
07 p1242 A67-19619	07 p1250 A67-19664	07 p1174 A67-19709 #	07 p1192 A67-19754 #	07 p1188 A67-19799*
07 p1242 A67-19620	07 p1250 A67-19665	07 p1174 A67-19710 #	07 p1192 A67-19755 #	07 p1196 A67-19800
07 p1242 A67-19621	07 p1250 A67-19666	07 p1174 A67-19711 #	07 p1175 A67-19756	07 p1178 A67-19801 #
07 p1242 A67-19622	07 p1243 A67-19667	07 p1174 A67-19712 #	07 p1176 A67-19757*	07 p1243 A67-19802 #
07 p1164 A67-19623	07 p1250 A67-19668*	07 p1174 A67-19713 #	07 p1269 A67-19758*	07 p1243 A67-19803 #
07 p1129 A67-19624 #	07 p1173 A67-19669	07 p1174 A67-19714 #	07 p1259 A67-19759	07 p1243 A67-19804 #
07 p1169 A67-19625 #	07 p1129 A67-19670 #	07 p1174 A67-19715 #	07 p1259 A67-19760*	07 p1243 A67-19805 #
07 p1172 A67-19626 #	07 p1222 A67-19671 #	07 p1174 A67-19716 #	07 p1176 A67-19761	07 p1243 A67-19806 #
07 p1186 A67-19627	07 p1164 A67-19672 #	07 p1230 A67-19717 #	07 p1176 A67-19762	07 p1243 A67-19807 #
07 p1216 A67-19628	07 p1129 A67-19673 #	07 p1174 A67-19718 #	07 p1187 A67-19763	07 p1243 A67-19808 #
07 p1186 A67-19629	07 p1229 A67-19674	07 p1175 A67-19719 #	07 p1176 A67-19764	07 p1178 A67-19809 #
07 p1126 A67-19630	07 p1143 A67-19675 #	07 p1175 A67-19720 #	07 p1176 A67-19765	07 p1250 A67-19810 #
07 p1263 A67-19631	07 p1196 A67-19676 #	07 p1250 A67-19721 #	07 p1176 A67-19766	07 p1250 A67-19811 #
07 p1147 A67-19632 #	07 p1186 A67-19677 #	07 p1216 A67-19722	07 p1176 A67-19767	07 p1251 A67-19812 #
07 p1147 A67-19633 #	07 p1250 A67-19678 #	07 p1250 A67-19723	07 p1144 A67-19768	07 p1178 A67-19813 #
07 p1186 A67-19634	07 p1129 A67-19679	07 p1250 A67-19724	07 p1144 A67-19769	07 p1178 A67-19814 #
07 p1232 A67-19635 #	07 p1222 A67-19680	07 p1250 A67-19725	07 p1188 A67-19770	07 p1178 A67-19815 #
07 p1232 A67-19636 #	07 p1222 A67-19681	07 p1136 A67-19726*	07 p1144 A67-19771	07 p1178 A67-19816 #
07 p1208 A67-19637 #	07 p1229 A67-19682	07 p1230 A67-19727	07 p1177 A67-19772	07 p1178 A67-19817 #
07 p1209 A67-19638 #	07 p1243 A67-19683 #	07 p1169 A67-19728	07 p1188 A67-19773	07 p1178 A67-19818 #
07 p1233 A67-19639 #	07 p1229 A67-19684 #	07 p1263 A67-19729	07 p1177 A67-19774	07 p1144 A67-19819 #
07 p1209 A67-19640 #	07 p1243 A67-19685 #	07 p1263 A67-19730	07 p1177 A67-19775	07 p1178 A67-19820 #
07 p1209 A67-19641 #	07 p1173 A67-19686 #	07 p1169 A67-19731	07 p1188 A67-19776	07 p1178 A67-19821 #
07 p1209 A67-19642 #	07 p1173 A67-19687 #	07 p1263 A67-19732	07 p1177 A67-19777	07 p1178 A67-19822 #
07 p1209 A67-19643 #	07 p1173 A67-19688 #	07 p1212 A67-19733 #	07 p1177 A67-19778	07 p1178 A67-19823 #
07 p1233 A67-19644 #	07 p1173 A67-19689 #	07 p1196 A67-19734 #	07 p1177 A67-19779	07 p1178 A67-19824 #
07 p1233 A67-19645 #	07 p1173 A67-19690 #	07 p1209 A67-19735 #	07 p1154 A67-19780	07 p1178 A67-19825 #
07 p1209 A67-19646 #	07 p1143 A67-19691 #	07 p1187 A67-19736	07 p1154 A67-19781	07 p1178 A67-19826 #
07 p1209 A67-19647 #	07 p1143 A67-19692 #	07 p1187 A67-19737 #	07 p1154 A67-19782	07 p1243 A67-19827 #
07 p1233 A67-19648 #	07 p1144 A67-19693 #	07 p1187 A67-19738 #	07 p1154 A67-19783	07 p1243 A67-19828 #
07 p1233 A67-19649 #	07 p1144 A67-19694 #	07 p1187 A67-19739 #	07 p1154 A67-19784	07 p1243 A67-19829*#
07 p1233 A67-19650 #	07 p1144 A67-19695 #	07 p1187 A67-19740 #	07 p1177 A67-19785	07 p1178 A67-19830 #
07 p1233 A67-19651 #	07 p1173 A67-19696 #	07 p1148 A67-19741	07 p1144 A67-19786	07 p1179 A67-19831 #
07 p1209 A67-19652 #	07 p1173 A67-19697 #	07 p1148 A67-19742 #	07 p1188 A67-19787*	07 p1179 A67-19832 #
07 p1222 A67-19653	07 p1243 A67-19698 #	07 p1148 A67-19743 #	07 p1188 A67-19788*	07 p1179 A67-19833 #
07 p1222 A67-19654	07 p1173 A67-19699 #	07 p1187 A67-19744 #	07 p1188 A67-19789	07 p1179 A67-19834 #
07 p1154 A67-19655 #	07 p1173 A67-19700 #	07 p1148 A67-19745 #	07 p1154 A67-19790	07 p1179 A67-19835 #
07 p1154 A67-19656 #	07 p1173 A67-19701 #	07 p1191 A67-19746	07 p1161 A67-19791	07 p1144 A67-19836 #
07 p1148 A67-19657	07 p1173 A67-19702 #	07 p1191 A67-19747 #	07 p1155 A67-19792	07 p1179 A67-19837 #
07 p1148 A67-19658	07 p1174 A67-19703 #	07 p1191 A67-19748 #	07 p1155 A67-19793	07 p1251 A67-19838
07 p1249 A67-19659	07 p1174 A67-19704 #	07 p1191 A67-19749 #	07 p1196 A67-19794	07 p1155 A67-19839
07 p1249 A67-19660	07 p1174 A67-19705 #	07 p1191 A67-19750 #	07 p1132 A67-19795	07 p1148 A67-19840

ACCESSION NUMBER INDEX

07 p1224 A67-19841*	07 p1126 A67-19886 #	07 p1245 A67-19931*#	07 p1149 A67-19976*#	07 p1164 A67-20021*
07 p1233 A67-19842	07 p1127 A67-19887 #	07 p1180 A67-19932 #	07 p1217 A67-19977*#	07 p1256 A67-20022*
07 p1233 A67-19843	07 p1136 A67-19888 #	07 p1181 A67-19933 #	07 p1253 A67-19978 #	07 p1162 A67-20023 #
07 p1155 A67-19844	07 p1155 A67-19889	07 p1181 A67-19934 #	07 p1254 A67-19979 #	07 p1217 A67-20024 #
07 p1155 A67-19845	07 p1234 A67-19890	07 p1181 A67-19935*#	07 p1254 A67-19980 #	07 p1234 A67-20025 #
07 p1134 A67-19846*	07 p1155 A67-19891	07 p1181 A67-19936*#	07 p1254 A67-19981 #	07 p1224 A67-20026 #
07 p1134 A67-19847*	07 p1148 A67-19892	07 p1181 A67-19937*#	07 p1254 A67-19982*#	07 p1162 A67-20027 #
07 p1251 A67-19848*	07 p1155 A67-19893	07 p1181 A67-19938 #	07 p1254 A67-19983 #	07 p1224 A67-20028 #
07 p1179 A67-19849*	07 p1156 A67-19894	07 p1181 A67-19939 #	07 p1254 A67-19984 #	07 p1224 A67-20029 #
07 p1251 A67-19850	07 p1156 A67-19895	07 p1181 A67-19940 #	07 p1254 A67-19985*#	07 p1263 A67-20030 #
07 p1230 A67-19851	07 p1156 A67-19896	07 p1245 A67-19941 #	07 p1255 A67-19986 #	07 p1263 A67-20031 #
07 p1244 A67-19852	07 p1156 A67-19897	07 p1245 A67-19942 #	07 p1241 A67-19987 #	07 p1263 A67-20032 #
07 p1226 A67-19853	07 p1156 A67-19898	07 p1182 A67-19943*#	07 p1241 A67-19988*#	07 p1230 A67-20033 #
07 p1251 A67-19854	07 p1156 A67-19899	07 p1251 A67-19944*#	07 p1255 A67-19989*#	07 p1169 A67-20034 #
07 p1244 A67-19855*	07 p1156 A67-19900	07 p1251 A67-19945 #	07 p1255 A67-19990 #	07 p1127 A67-20035 #
07 p1134 A67-19856 #	07 p1157 A67-19901	07 p1182 A67-19946 #	07 p1146 A67-19991*#	07 p1169 A67-20036 #
07 p1134 A67-19857	07 p1157 A67-19902	07 p1182 A67-19947 #	07 p1255 A67-19992 #	07 p1264 A67-20037 #
07 p1134 A67-19858*	07 p1157 A67-19903	07 p1182 A67-19948*#	07 p1255 A67-19993*#	07 p1224 A67-20038 #
07 p1134 A67-19859	07 p1157 A67-19904	07 p1246 A67-19949 #	07 p1259 A67-19994 #	07 p1268 A67-20039
07 p1134 A67-19860	07 p1157 A67-19905	07 p1182 A67-19950 #	07 p1255 A67-19995 #	07 p1127 A67-20040
07 p1134 A67-19861	07 p1157 A67-19906	07 p1182 A67-19951 #	07 p1188 A67-19996 #	07 p1129 A67-20041 #
07 p1135 A67-19862	07 p1162 A67-19907	07 p1182 A67-19952 #	07 p1259 A67-19997 #	07 p1222 A67-20042 #
07 p1135 A67-19863*	07 p1216 A67-19908	07 p1182 A67-19953*#	07 p1146 A67-19998 #	07 p1260 A67-20043*#
07 p1135 A67-19864	07 p1129 A67-19909 #	07 p1188 A67-19954 #	07 p1189 A67-19999*	07 p1129 A67-20044*#
07 p1135 A67-19865	07 p1129 A67-19910 #	07 p1246 A67-19955 #	07 p1135 A67-20000 #	07 p1129 A67-20045*#
07 p1135 A67-19866*	07 p1179 A67-19911*#	07 p1183 A67-19956 #	07 p1255 A67-20001 #	07 p1241 A67-20046 #
07 p1136 A67-19867	07 p1251 A67-19912*#	07 p1252 A67-19957 #	07 p1220 A67-20002 #	07 p1164 A67-20047 #
07 p1144 A67-19868	07 p1244 A67-19913*#	07 p1252 A67-19958*#	07 p1220 A67-20003 #	07 p1129 A67-20048*#
07 p1145 A67-19869	07 p1251 A67-19914 #	07 p1252 A67-19959*#	07 p1221 A67-20004 #	07 p1164 A67-20049 #
07 p1145 A67-19870*	07 p1179 A67-19915 #	07 p1252 A67-19960*#	07 p1221 A67-20005 #	07 p1260 A67-20050 #
07 p1145 A67-19871	07 p1179 A67-19916*#	07 p1252 A67-19961 #	07 p1183 A67-20006 #	07 p1149 A67-20051 #
07 p1145 A67-19872	07 p1180 A67-19917 #	07 p1252 A67-19962*#	07 p1221 A67-20007 #	07 p1164 A67-20052 #
07 p1145 A67-19873*	07 p1180 A67-19918 #	07 p1252 A67-19963*#	07 p1221 A67-20008 #	07 p1256 A67-20053 #
07 p1145 A67-19874*	07 p1244 A67-19919 #	07 p1216 A67-19964 #	07 p1189 A67-20009 #	07 p1241 A67-20054 #
07 p1155 A67-19875	07 p1180 A67-19920 #	07 p1253 A67-19965*#	07 p1210 A67-20010	07 p1164 A67-20055*#
07 p1155 A67-19876*	07 p1244 A67-19921 #	07 p1253 A67-19966 #	07 p1210 A67-20011	07 p1164 A67-20056 #
07 p1132 A67-19877	07 p1244 A67-19922*#	07 p1216 A67-19967 #	07 p1255 A67-20012*	07 p1165 A67-20057*#
07 p1161 A67-19878*	07 p1244 A67-19923*#	07 p1253 A67-19968 #	07 p1256 A67-20013*	07 p1149 A67-20058 #
07 p1161 A67-19879*	07 p1180 A67-19924*#	07 p1253 A67-19969 #	07 p1137 A67-20014*	07 p1241 A67-20059 #
07 p1145 A67-19880	07 p1180 A67-19925*#	07 p1253 A67-19970 #	07 p1137 A67-20015*	07 p1165 A67-20060*#
07 p1145 A67-19881	07 p1244 A67-19926*#	07 p1253 A67-19971*#	07 p1183 A67-20016*	07 p1136 A67-20061 #
07 p1146 A67-19882	07 p1245 A67-19927 #	07 p1259 A67-19972 #	07 p1256 A67-20017*	07 p1165 A67-20062*#
07 p1216 A67-19883 #	07 p1245 A67-19928 #	07 p1253 A67-19973 #	07 p1217 A67-20018	07 p1136 A67-20063 #
07 p1161 A67-19884 #	07 p1180 A67-19929*#	07 p1259 A67-19974 #	07 p1217 A67-20019*	07 p1165 A67-20064*#
07 p1263 A67-19885 #	07 p1245 A67-19930 #	07 p1222 A67-19975*#	07 p1217 A67-20020	07 p1165 A67-20065*#

ACCESSION NUMBER INDEX

07 p1165 A67-20066 #	07 p1210 A67-20111	07 p1189 A67-20156	07 p1146 A67-20201	07 p1260 A67-20246
07 p1165 A67-20067 #	07 p1210 A67-20112	07 p1189 A67-20157	07 p1146 A67-20202	07 p1192 A67-20247
07 p1166 A67-20068 #	07 p1132 A67-20113	07 p1189 A67-20158	07 p1162 A67-20203	07 p1192 A67-20248
07 p1166 A67-20069*#	07 p1268 A67-20114	07 p1146 A67-20159	07 p1127 A67-20204	07 p1192 A67-20249
07 p1166 A67-20070 #	07 p1197 A67-20115 #	07 p1256 A67-20160	07 p1169 A67-20205	07 p1211 A67-20250
07 p1166 A67-20071 #	07 p1239 A67-20116	07 p1210 A67-20161	07 p1158 A67-20206	07 p1192 A67-20251
07 p1241 A67-20072*#	07 p1217 A67-20117 #	07 p1237 A67-20162	07 p1169 A67-20207 #	07 p1193 A67-20252
07 p1166 A67-20073 #	07 p1183 A67-20118 #	07 p1210 A67-20163	07 p1127 A67-20208 #	07 p1193 A67-20253*
07 p1130 A67-20074 #	07 p1242 A67-20119	07 p1211 A67-20164	07 p1127 A67-20209 #	07 p1193 A67-20254*
07 p1130 A67-20075 #	07 p1230 A67-20120	07 p1256 A67-20165	07 p1192 A67-20210 #	07 p1193 A67-20255*
07 p1166 A67-20076 #	07 p1127 A67-20121	07 p1192 A67-20166*	07 p1224 A67-20211 #	07 p1238 A67-20256 #
07 p1167 A67-20077 #	07 p1130 A67-20122 #	07 p1256 A67-20167	07 p1218 A67-20212*	07 p1230 A67-20257 #
07 p1269 A67-20078 #	07 p1127 A67-20123 #	07 p1256 A67-20168	07 p1218 A67-20213*	07 p1227 A67-20258 #
07 p1167 A67-20079*#	07 p1234 A67-20124	07 p1256 A67-20169	07 p1218 A67-20214	07 p1264 A67-20259 #
07 p1260 A67-20080 #	07 p1197 A67-20125	07 p1136 A67-20170*	07 p1218 A67-20215	07 p1211 A67-20260
07 p1260 A67-20081*#	07 p1197 A67-20126	07 p1136 A67-20171*	07 p1238 A67-20216*	07 p1212 A67-20261*
07 p1260 A67-20082*#	07 p1234 A67-20127	07 p1136 A67-20172*	07 p1238 A67-20217*	07 p1212 A67-20262*
07 p1167 A67-20083*#	07 p1235 A67-20128	07 p1137 A67-20173	07 p1238 A67-20218*	07 p1269 A67-20263*#
07 p1221 A67-20084 #	07 p1235 A67-20129	07 p1183 A67-20174 #	07 p1130 A67-20219	07 p1242 A67-20264*#
07 p1189 A67-20085 #	07 p1235 A67-20130	07 p1183 A67-20175 #	07 p1130 A67-20220	07 p1260 A67-20265
07 p1130 A67-20086 #	07 p1235 A67-20131	07 p1211 A67-20176	07 p1264 A67-20221 #	07 p1260 A67-20266
07 p1210 A67-20087	07 p1235 A67-20132	07 p1237 A67-20177 #	07 p1264 A67-20222 #	07 p1218 A67-20267
07 p1239 A67-20088	07 p1235 A67-20133	07 p1237 A67-20178 #	07 p1169 A67-20223 #	07 p1218 A67-20268
07 p1268 A67-20089	07 p1235 A67-20134	07 p1237 A67-20179*#	07 p1127 A67-20224 #	07 p1218 A67-20269
07 p1157 A67-20090	07 p1236 A67-20135	07 p1237 A67-20180 #	07 p1128 A67-20225	07 p1218 A67-20270
07 p1157 A67-20091	07 p1236 A67-20136	07 p1237 A67-20181 #	07 p1260 A67-20226	07 p1137 A67-20271*
07 p1157 A67-20092 #	07 p1236 A67-20137	07 p1237 A67-20182 #	07 p1246 A67-20227*	07 p1190 A67-20272
07 p1196 A67-20093	07 p1236 A67-20138	07 p1197 A67-20183 #	07 p1256 A67-20228	07 p1162 A67-20273
07 p1234 A67-20094	07 p1236 A67-20139	07 p1237 A67-20184 #	07 p1137 A67-20229 #	07 p1224 A67-20274
07 p1197 A67-20095	07 p1236 A67-20140	07 p1197 A67-20185 #	07 p1130 A67-20230 #	07 p1162 A67-20275*
07 p1234 A67-20096	07 p1237 A67-20141*	07 p1137 A67-20186*	07 p1130 A67-20231 #	07 p1163 A67-20276
07 p1234 A67-20097	07 p1183 A67-20142*	07 p1137 A67-20187*	07 p1131 A67-20232 #	07 p1268 A67-20277
07 p1189 A67-20098	07 p1237 A67-20143 #	07 p1137 A67-20188*	07 p1264 A67-20233 #	07 p1246 A67-20278
07 p1234 A67-20099	07 p1230 A67-20144 #	07 p1138 A67-20189*	07 p1264 A67-20234 #	07 p1238 A67-20279
07 p1197 A67-20100	07 p1230 A67-20145 #	07 p1138 A67-20190*	07 p1128 A67-20235 #	07 p1158 A67-20280
07 p1234 A67-20101	07 p1230 A67-20146 #	07 p1138 A67-20191*	07 p1128 A67-20236 #	07 p1218 A67-20281*
07 p1234 A67-20102	07 p1197 A67-20147 #	07 p1138 A67-20192*	07 p1147 A67-20237 #	07 p1128 A67-20282
07 p1224 A67-20103 #	07 p1130 A67-20148	07 p1138 A67-20193*	07 p1158 A67-20238 #	07 p1190 A67-20283
07 p1264 A67-20104 #	07 p1132 A67-20149	07 p1146 A67-20194	07 p1147 A67-20239 #	07 p1167 A67-20284
07 p1230 A67-20105 #	07 p1167 A67-20150	07 p1162 A67-20195	07 p1147 A67-20240 #	07 p1132 A67-20285
07 p1230 A67-20106 #	07 p1189 A67-20151	07 p1217 A67-20196	07 p1158 A67-20241 #	07 p1132 A67-20286 #
07 p1210 A67-20107	07 p1217 A67-20152 #	07 p1149 A67-20197	07 p1158 A67-20242 #	07 p1132 A67-20287 #
07 p1210 A67-20108	07 p1217 A67-20153 #	07 p1218 A67-20198	07 p1158 A67-20243 #	07 p1132 A67-20288 #
07 p1234 A67-20109	07 p1217 A67-20154 #	07 p1162 A67-20199	07 p1189 A67-20244 #	07 p1190 A67-20289
07 p1210 A67-20110	07 p1146 A67-20155	07 p1162 A67-20200	07 p1197 A67-20245 #	07 p1211 A67-20290

ACCESSION NUMBER INDEX

07 p1193 A67-20291	08 p1310 A67-20336 #	08 p1380 A67-20381	08 p1345 A67-20426	08 p1283 A67-20471 #
07 p1131 A67-20292	08 p1310 A67-20337 #	08 p1380 A67-20382	08 p1345 A67-20427	08 p1283 A67-20472 #
07 p1264 A67-20293	08 p1310 A67-20338*#	08 p1347 A67-20383	08 p1341 A67-20428	08 p1283 A67-20473 #
07 p1158 A67-20294	08 p1310 A67-20339*#	08 p1380 A67-20384	08 p1414 A67-20429	08 p1283 A67-20474 #
07 p1158 A67-20295	08 p1310 A67-20340*#	08 p1380 A67-20385	08 p1414 A67-20430	08 p1283 A67-20475 #
07 p1128 A67-20296	08 p1310 A67-20341 #	08 p1380 A67-20386	08 p1345 A67-20431	08 p1415 A67-20476*
07 p1246 A67-20297*	08 p1310 A67-20342 #	08 p1380 A67-20387	08 p1415 A67-20432	08 p1402 A67-20477
07 p1147 A67-20298	08 p1311 A67-20343*#	08 p1381 A67-20388*	08 p1345 A67-20433	08 p1278 A67-20478
07 p1158 A67-20299	08 p1311 A67-20344 #	08 p1381 A67-20389	08 p1415 A67-20434	08 p1415 A67-20479
07 p1269 A67-20300	08 p1311 A67-20345*#	08 p1381 A67-20390	08 p1345 A67-20435	08 p1279 A67-20480
07 p1264 A67-20301	08 p1414 A67-20346	08 p1381 A67-20391	08 p1279 A67-20436 #	08 p1415 A67-20481
08 p1425 A67-20302	08 p1414 A67-20347	08 p1381 A67-20392	08 p1280 A67-20437 #	08 p1290 A67-20482*
08 p1425 A67-20303	08 p1414 A67-20348	08 p1381 A67-20393	08 p1280 A67-20438 #	08 p1287 A67-20483*
08 p1425 A67-20304	08 p1353 A67-20349*	08 p1382 A67-20394	08 p1330 A67-20439 #	08 p1287 A67-20484
08 p1425 A67-20305	08 p1319 A67-20350	08 p1382 A67-20395	08 p1280 A67-20440 #	08 p1353 A67-20485
08 p1425 A67-20306	08 p1319 A67-20351	08 p1382 A67-20396	08 p1280 A67-20441 #	08 p1415 A67-20486
08 p1414 A67-20307	08 p1319 A67-20352	08 p1347 A67-20397*	08 p1280 A67-20442 #	08 p1415 A67-20487
08 p1352 A67-20308	08 p1379 A67-20353*	08 p1382 A67-20398*	08 p1280 A67-20443 #	08 p1415 A67-20488*
08 p1319 A67-20309	08 p1329 A67-20354*	08 p1382 A67-20399	08 p1280 A67-20444 #	08 p1416 A67-20489
08 p1319 A67-20310	08 p1346 A67-20355	08 p1382 A67-20400	08 p1280 A67-20445 #	08 p1416 A67-20490
08 p1353 A67-20311	08 p1347 A67-20356	08 p1383 A67-20401	08 p1280 A67-20446 #	08 p1402 A67-20491
08 p1414 A67-20312	08 p1333 A67-20357	08 p1383 A67-20402*	08 p1281 A67-20447 #	08 p1374 A67-20492*#
08 p1366 A67-20313	08 p1340 A67-20358	08 p1383 A67-20403	08 p1281 A67-20448 #	08 p1404 A67-20493*#
08 p1367 A67-20314	08 p1333 A67-20359	08 p1383 A67-20404	08 p1330 A67-20449 #	08 p1404 A67-20494*#
08 p1336 A67-20315	08 p1333 A67-20360	08 p1319 A67-20405 #	08 p1320 A67-20450 #	08 p1404 A67-20495 #
08 p1336 A67-20316	08 p1333 A67-20361	08 p1275 A67-20406 #	08 p1320 A67-20451 #	08 p1404 A67-20496*#
08 p1307 A67-20317	08 p1340 A67-20362	08 p1275 A67-20407 #	08 p1281 A67-20452 #	08 p1404 A67-20497*#
08 p1308 A67-20318 #	08 p1340 A67-20363	08 p1275 A67-20408	08 p1281 A67-20453 #	08 p1275 A67-20498 #
08 p1308 A67-20319 #	08 p1340 A67-20364	08 p1367 A67-20409	08 p1281 A67-20454 #	08 p1275 A67-20499*#
08 p1308 A67-20320 #	08 p1340 A67-20365	08 p1367 A67-20410	08 p1320 A67-20455 #	08 p1276 A67-20500 #
08 p1308 A67-20321 #	08 p1347 A67-20366*	08 p1367 A67-20411	08 p1281 A67-20456 #	08 p1276 A67-20501*#
08 p1308 A67-20322 #	08 p1286 A67-20367*	08 p1367 A67-20412	08 p1281 A67-20457 #	08 p1405 A67-20502 #
08 p1308 A67-20323 #	08 p1347 A67-20368	08 p1337 A67-20413	08 p1281 A67-20458 #	08 p1405 A67-20503 #
08 p1308 A67-20324 #	08 p1347 A67-20369	08 p1367 A67-20414	08 p1282 A67-20459 #	08 p1405 A67-20504 #
08 p1309 A67-20325 #	08 p1347 A67-20370	08 p1367 A67-20415	08 p1282 A67-20460 #	08 p1405 A67-20505 #
08 p1299 A67-20326*#	08 p1356 A67-20371	08 p1367 A67-20416	08 p1320 A67-20461 #	08 p1405 A67-20506 #
08 p1309 A67-20327*#	08 p1337 A67-20372	08 p1337 A67-20417	08 p1282 A67-20462 #	08 p1405 A67-20507 #
08 p1309 A67-20328 #	08 p1353 A67-20373*	08 p1367 A67-20418	08 p1282 A67-20463 #	08 p1406 A67-20508
08 p1309 A67-20329 #	08 p1414 A67-20374	08 p1367 A67-20419	08 p1282 A67-20464 #	08 p1406 A67-20509 #
08 p1309 A67-20330 #	08 p1329 A67-20375	08 p1344 A67-20420	08 p1282 A67-20465 #	08 p1406 A67-20510*#
08 p1309 A67-20331 #	08 p1330 A67-20376*	08 p1344 A67-20421	08 p1282 A67-20466 #	08 p1406 A67-20511 #
08 p1309 A67-20332 #	08 p1279 A67-20377*	08 p1344 A67-20422	08 p1282 A67-20467 #	08 p1406 A67-20512 #
08 p1346 A67-20333*#	08 p1367 A67-20378	08 p1344 A67-20423	08 p1282 A67-20468 #	08 p1406 A67-20513*#
08 p1299 A67-20334 #	08 p1275 A67-20379 #	08 p1345 A67-20424	08 p1282 A67-20469 #	08 p1407 A67-20514 #
08 p1300 A67-20335 #	08 p1379 A67-20380	08 p1345 A67-20425*	08 p1282 A67-20470 #	08 p1407 A67-20515 #

ACCESSION NUMBER INDEX

08 p1407 A67-20516 #	08 p1426 A67-20561*#	08 p1368 A67-20606	08 p1284 A67-20651	08 p1351 A67-20696
08 p1407 A67-20517 #	08 p1383 A67-20562 #	08 p1368 A67-20607	08 p1311 A67-20652*	08 p1331 A67-20697
08 p1407 A67-20518 #	08 p1276 A67-20563 #	08 p1418 A67-20608 #	08 p1292 A67-20653	08 p1351 A67-20698
08 p1375 A67-20519 #	08 p1276 A67-20564 #	08 p1288 A67-20609	08 p1300 A67-20654	08 p1331 A67-20699
08 p1407 A67-20520*#	08 p1320 A67-20565 #	08 p1279 A67-20610 #	08 p1330 A67-20655	08 p1351 A67-20700
08 p1407 A67-20521 #	08 p1320 A67-20566 #	08 p1289 A67-20611 #	08 p1314 A67-20656	08 p1368 A67-20701 #
08 p1408 A67-20522*#	08 p1276 A67-20567 #	08 p1289 A67-20612 #	08 p1311 A67-20657	08 p1354 A67-20702 #
08 p1408 A67-20523 #	08 p1276 A67-20568*#	08 p1289 A67-20613*#	08 p1350 A67-20658	08 p1284 A67-20703
08 p1372 A67-20524*#	08 p1426 A67-20569*#	08 p1287 A67-20614 #	08 p1314 A67-20659	08 p1284 A67-20704
08 p1372 A67-20525*#	08 p1320 A67-20570 #	08 p1289 A67-20615 #	08 p1315 A67-20660*	08 p1320 A67-20705 #
08 p1372 A67-20526 #	08 p1276 A67-20571 #	08 p1384 A67-20616	08 p1330 A67-20661*	08 p1277 A67-20706 #
08 p1408 A67-20527 #	08 p1356 A67-20572 #	08 p1384 A67-20617*	08 p1298 A67-20662	08 p1321 A67-20707*#
08 p1425 A67-20528 #	08 p1375 A67-20573 #	08 p1384 A67-20618	08 p1298 A67-20663	08 p1277 A67-20708 #
08 p1416 A67-20529 #	08 p1375 A67-20574 #	08 p1384 A67-20619*	08 p1292 A67-20664	08 p1321 A67-20709 #
08 p1416 A67-20530 #	08 p1375 A67-20575*#	08 p1384 A67-20620*	08 p1311 A67-20665*	08 p1277 A67-20710 #
08 p1425 A67-20531 #	08 p1341 A67-20576*#	08 p1384 A67-20621*	08 p1350 A67-20666	08 p1321 A67-20711*#
08 p1416 A67-20532 #	08 p1277 A67-20577 #	08 p1410 A67-20622	08 p1298 A67-20667	08 p1321 A67-20712*#
08 p1416 A67-20533*#	08 p1283 A67-20578 #	08 p1410 A67-20623*	08 p1292 A67-20668	08 p1321 A67-20713 #
08 p1416 A67-20534 #	08 p1356 A67-20579 #	08 p1296 A67-20624	08 p1298 A67-20669	08 p1410 A67-20714 #
08 p1408 A67-20535*#	08 p1314 A67-20580 #	08 p1296 A67-20625 #	08 p1315 A67-20670	08 p1357 A67-20715 #
08 p1408 A67-20536*#	08 p1375 A67-20581 #	08 p1297 A67-20626 #	08 p1292 A67-20671	08 p1426 A67-20716 #
08 p1408 A67-20537	08 p1383 A67-20582 #	08 p1297 A67-20627 #	08 p1292 A67-20672*	08 p1368 A67-20717 #
08 p1409 A67-20538*#	08 p1426 A67-20583 #	08 p1297 A67-20628 #	08 p1292 A67-20673	08 p1355 A67-20718 #
08 p1409 A67-20539 #	08 p1320 A67-20584*#	08 p1350 A67-20629 #	08 p1350 A67-20674	08 p1355 A67-20719*
08 p1409 A67-20540*#	08 p1357 A67-20585 #	08 p1297 A67-20630 #	08 p1351 A67-20675*	08 p1373 A67-20720
08 p1313 A67-20541 #	08 p1330 A67-20586 #	08 p1297 A67-20631 #	08 p1315 A67-20676	08 p1312 A67-20721
08 p1314 A67-20542 #	08 p1383 A67-20587 #	08 p1297 A67-20632 #	08 p1351 A67-20677	08 p1312 A67-20722
08 p1314 A67-20543 #	08 p1277 A67-20588 #	08 p1297 A67-20633 #	08 p1315 A67-20678	08 p1418 A67-20723
08 p1314 A67-20544*#	08 p1277 A67-20589 #	08 p1300 A67-20634 #	08 p1315 A67-20679	08 p1293 A67-20724
08 p1409 A67-20545 #	08 p1383 A67-20590 #	08 p1297 A67-20635 #	08 p1300 A67-20680	08 p1284 A67-20725
08 p1409 A67-20546*#	08 p1357 A67-20591 #	08 p1298 A67-20636 #	08 p1300 A67-20681	08 p1368 A67-20726
08 p1314 A67-20547*#	08 p1353 A67-20592 #	08 p1300 A67-20637*#	08 p1293 A67-20682	08 p1368 A67-20727
08 p1290 A67-20548*#	08 p1357 A67-20593*#	08 p1298 A67-20638 #	08 p1337 A67-20683	08 p1368 A67-20728
08 p1350 A67-20549*#	08 p1418 A67-20594 #	08 p1298 A67-20639 #	08 p1293 A67-20684	08 p1285 A67-20729*
08 p1409 A67-20550 #	08 p1330 A67-20595 #	08 p1410 A67-20640	08 p1299 A67-20685	08 p1285 A67-20730
08 p1417 A67-20551*#	08 p1277 A67-20596 #	08 p1410 A67-20641	08 p1299 A67-20686	08 p1285 A67-20731
08 p1417 A67-20552*#	08 p1334 A67-20597	08 p1373 A67-20642	08 p1293 A67-20687	08 p1285 A67-20732
08 p1417 A67-20553 #	08 p1341 A67-20598	08 p1287 A67-20643	08 p1293 A67-20688	08 p1285 A67-20733
08 p1417 A67-20554 #	08 p1341 A67-20599	08 p1330 A67-20644	08 p1293 A67-20689	08 p1368 A67-20734
08 p1417 A67-20555 #	08 p1296 A67-20600	08 p1330 A67-20645	08 p1293 A67-20690	08 p1285 A67-20735*
08 p1417 A67-20556 #	08 p1288 A67-20601*	08 p1290 A67-20646	08 p1293 A67-20691	08 p1285 A67-20736
08 p1417 A67-20557 #	08 p1288 A67-20602*	08 p1283 A67-20647	08 p1284 A67-20692*	08 p1286 A67-20737
08 p1417 A67-20558 #	08 p1367 A67-20603	08 p1283 A67-20648*	08 p1284 A67-20693*	08 p1286 A67-20738
08 p1276 A67-20559 #	08 p1367 A67-20604	08 p1283 A67-20649*	08 p1284 A67-20694*	08 p1334 A67-20739
08 p1417 A67-20560 #	08 p1367 A67-20605	08 p1311 A67-20650	08 p1284 A67-20695*	08 p1301 A67-20740

ACCESSION NUMBER INDEX

08 p1334 A67-20741	08 p1410 A67-20786 #	08 p1295 A67-20831	08 p1374 A67-20876*#	08 p1421 A67-20921
08 p1334 A67-20742	08 p1368 A67-20787	08 p1295 A67-20832	08 p1374 A67-20877	08 p1354 A67-20922
08 p1334 A67-20743	08 p1301 A67-20788	08 p1302 A67-20833	08 p1346 A67-20878 #	08 p1426 A67-20923*
08 p1334 A67-20744	08 p1301 A67-20789	08 p1302 A67-20834	08 p1419 A67-20879 #	08 p1278 A67-20924
08 p1334 A67-20745	08 p1301 A67-20790	08 p1302 A67-20835	08 p1419 A67-20880 #	08 p1426 A67-20925
08 p1335 A67-20746	08 p1301 A67-20791	08 p1321 A67-20836	08 p1419 A67-20881 #	08 p1426 A67-20926
08 p1335 A67-20747	08 p1301 A67-20792	08 p1353 A67-20837	08 p1419 A67-20882 #	08 p1426 A67-20927
08 p1335 A67-20748	08 p1302 A67-20793	08 p1369 A67-20838	08 p1376 A67-20883*#	08 p1278 A67-20928
08 p1335 A67-20749	08 p1369 A67-20794	08 p1337 A67-20839	08 p1419 A67-20884 #	08 p1427 A67-20929
08 p1301 A67-20750	08 p1346 A67-20795	08 p1337 A67-20840	08 p1419 A67-20885 #	08 p1427 A67-20930
08 p1312 A67-20751	08 p1341 A67-20796	08 p1385 A67-20841	08 p1419 A67-20886 #	08 p1385 A67-20931*
08 p1312 A67-20752	08 p1346 A67-20797	08 p1331 A67-20842	08 p1420 A67-20887*	08 p1385 A67-20932
08 p1312 A67-20753	08 p1418 A67-20798	08 p1354 A67-20843	08 p1420 A67-20888 #	08 p1325 A67-20933
08 p1312 A67-20754	08 p1418 A67-20799	08 p1357 A67-20844	08 p1374 A67-20889 #	08 p1385 A67-20934*
08 p1312 A67-20755	08 p1278 A67-20800 #	08 p1357 A67-20845	08 p1420 A67-20890 #	08 p1385 A67-20935
08 p1347 A67-20756	08 p1357 A67-20801 #	08 p1357 A67-20846	08 p1374 A67-20891 #	08 p1385 A67-20936*
08 p1353 A67-20757	08 p1410 A67-20802 #	08 p1357 A67-20847	08 p1420 A67-20892*	08 p1325 A67-20937*
08 p1321 A67-20758	08 p1373 A67-20803 #	08 p1357 A67-20848	08 p1358 A67-20893 #	08 p1386 A67-20938
08 p1321 A67-20759	08 p1373 A67-20804 #	08 p1358 A67-20849	08 p1324 A67-20894 #	08 p1386 A67-20939*
08 p1347 A67-20760	08 p1426 A67-20805 #	08 p1358 A67-20850	08 p1358 A67-20895 #	08 p1386 A67-20940*
08 p1348 A67-20761	08 p1342 A67-20806	08 p1358 A67-20851	08 p1359 A67-20896*#	08 p1386 A67-20941*
08 p1353 A67-20762	08 p1342 A67-20807	08 p1358 A67-20852	08 p1359 A67-20897 #	08 p1386 A67-20942*
08 p1341 A67-20763	08 p1342 A67-20808	08 p1358 A67-20853	08 p1359 A67-20898*#	08 p1386 A67-20943*
08 p1341 A67-20764	08 p1342 A67-20809	08 p1358 A67-20854	08 p1359 A67-20899 #	08 p1386 A67-20944*
08 p1341 A67-20765	08 p1342 A67-20810	08 p1358 A67-20855	08 p1369 A67-20900 #	08 p1410 A67-20945*
08 p1341 A67-20766	08 p1369 A67-20811	08 p1337 A67-20856	08 p1359 A67-20901 #	08 p1411 A67-20946*
08 p1429 A67-20767 #	08 p1342 A67-20812	08 p1358 A67-20857	08 p1359 A67-20902 #	08 p1411 A67-20947*
08 p1312 A67-20768 #	08 p1376 A67-20813	08 p1358 A67-20858	08 p1342 A67-20903 #	08 p1411 A67-20948
08 p1337 A67-20769 #	08 p1294 A67-20814	08 p1354 A67-20859	08 p1342 A67-20904 #	08 p1411 A67-20949*
08 p1429 A67-20770 #	08 p1294 A67-20815	08 p1355 A67-20860	08 p1286 A67-20905	08 p1350 A67-20950*#
08 p1294 A67-20771 #	08 p1294 A67-20816	08 p1358 A67-20861	08 p1302 A67-20906 #	08 p1350 A67-20951*#
08 p1301 A67-20772 #	08 p1294 A67-20817	08 p1324 A67-20862	08 p1420 A67-20907 #	08 p1421 A67-20952
08 p1301 A67-20773 #	08 p1357 A67-20818	08 p1358 A67-20863	08 p1420 A67-20908*	08 p1421 A67-20953
08 p1373 A67-20774 #	08 p1294 A67-20819	08 p1331 A67-20864 #	08 p1342 A67-20909	08 p1421 A67-20954
08 p1375 A67-20775 #	08 p1294 A67-20820	08 p1355 A67-20865*	08 p1346 A67-20910	08 p1421 A67-20955
08 p1301 A67-20776 #	08 p1294 A67-20821	08 p1385 A67-20866	08 p1335 A67-20911	08 p1422 A67-20956
08 p1294 A67-20777 #	08 p1357 A67-20822	08 p1331 A67-20867 #	08 p1420 A67-20912	08 p1386 A67-20957 #
08 p1294 A67-20778 #	08 p1337 A67-20823	08 p1337 A67-20868 #	08 p1421 A67-20913	08 p1387 A67-20958 #
08 p1375 A67-20779 #	08 p1295 A67-20824	08 p1358 A67-20869 #	08 p1421 A67-20914	08 p1387 A67-20959 #
08 p1286 A67-20780 #	08 p1302 A67-20825	08 p1369 A67-20870	08 p1346 A67-20915	08 p1387 A67-20960*#
08 p1373 A67-20781 #	08 p1302 A67-20826	08 p1354 A67-20871	08 p1421 A67-20916	08 p1387 A67-20961*#
08 p1279 A67-20782 #	08 p1357 A67-20827	08 p1418 A67-20872	08 p1335 A67-20917 #	08 p1387 A67-20962 #
08 p1294 A67-20783 #	08 p1369 A67-20828	08 p1375 A67-20873 #	08 p1302 A67-20918 #	08 p1387 A67-20963*#
08 p1294 A67-20784 #	08 p1302 A67-20829	08 p1373 A67-20874 #	08 p1302 A67-20919 #	08 p1387 A67-20964*#
08 p1429 A67-20785 #	08 p1351 A67-20830	08 p1373 A67-20875 #	08 p1302 A67-20920 #	08 p1387 A67-20965*#

ACCESSION NUMBER INDEX

08 p1429 A67-20966*#	08 p1388 A67-21011 #	08 p1303 A67-21056	08 p1331 A67-21101	08 p1362 A67-21146
08 p1411 A67-20967 #	08 p1389 A67-21012 #	08 p1336 A67-21057	08 p1332 A67-21102	08 p1362 A67-21147
08 p1429 A67-20968 #	08 p1389 A67-21013*#	08 p1299 A67-21058	08 p1351 A67-21103*	08 p1362 A67-21148
08 p1429 A67-20969*#	08 p1389 A67-21014 #	08 p1303 A67-21059	08 p1352 A67-21104	08 p1362 A67-21149
08 p1430 A67-20970*#	08 p1389 A67-21015 #	08 p1303 A67-21060	08 p1317 A67-21105	08 p1362 A67-21150*
08 p1430 A67-20971 #	08 p1389 A67-21016 #	08 p1303 A67-21061	08 p1394 A67-21106	08 p1325 A67-21151
08 p1430 A67-20972 #	08 p1389 A67-21017 #	08 p1303 A67-21062	08 p1412 A67-21107*	08 p1348 A67-21152
08 p1430 A67-20973*#	08 p1389 A67-21018 #	08 p1315 A67-21063*#	08 p1431 A67-21108	08 p1348 A67-21153
08 p1430 A67-20974*#	08 p1389 A67-21019 #	08 p1391 A67-21064	08 p1394 A67-21109*	08 p1348 A67-21154*#
08 p1430 A67-20975 #	08 p1390 A67-21020 #	08 p1391 A67-21065	08 p1394 A67-21110	08 p1394 A67-21155*
08 p1430 A67-20976 #	08 p1390 A67-21021 #	08 p1391 A67-21066*	08 p1288 A67-21111	08 p1395 A67-21156
08 p1430 A67-20977 #	08 p1390 A67-21022 #	08 p1392 A67-21067	08 p1352 A67-21112	08 p1395 A67-21157
08 p1422 A67-20978	08 p1390 A67-21023 #	08 p1289 A67-21068	08 p1412 A67-21113	08 p1395 A67-21158
08 p1422 A67-20979*	08 p1390 A67-21024 #	08 p1287 A67-21069	08 p1348 A67-21114	08 p1395 A67-21159
08 p1359 A67-20980*	08 p1390 A67-21025 #	08 p1287 A67-21070	08 p1394 A67-21115	08 p1395 A67-21160
08 p1422 A67-20981	08 p1390 A67-21026 #	08 p1392 A67-21071	08 p1355 A67-21116	08 p1395 A67-21161
08 p1387 A67-20982*	08 p1390 A67-21027 #	08 p1325 A67-21072*	08 p1355 A67-21117*	08 p1395 A67-21162
08 p1287 A67-20983*	08 p1303 A67-21028 #	08 p1411 A67-21073*	08 p1427 A67-21118	08 p1395 A67-21163
08 p1295 A67-20984*	08 p1303 A67-21029 #	08 p1411 A67-21074	08 p1321 A67-21119	08 p1396 A67-21164
08 p1325 A67-20985	08 p1286 A67-21030	08 p1412 A67-21075*	08 p1427 A67-21120	08 p1396 A67-21165
08 p1325 A67-20986*	08 p1286 A67-21031	08 p1412 A67-21076	08 p1322 A67-21121*	08 p1396 A67-21166
08 p1388 A67-20987	08 p1422 A67-21032	08 p1412 A67-21077*	08 p1359 A67-21122	08 p1422 A67-21167 #
08 p1295 A67-20988	08 p1355 A67-21033*	08 p1392 A67-21078*	08 p1360 A67-21123	08 p1295 A67-21168 #
08 p1376 A67-20989	08 p1335 A67-21034	08 p1331 A67-21079*	08 p1360 A67-21124*	08 p1322 A67-21169 #
08 p1369 A67-20990 #	08 p1335 A67-21035*	08 p1295 A67-21080	08 p1360 A67-21125	08 p1348 A67-21170 #
08 p1302 A67-20991 #	08 p1335 A67-21036*	08 p1331 A67-21081*	08 p1360 A67-21126*	08 p1332 A67-21171
08 p1286 A67-20992 #	08 p1335 A67-21037	08 p1316 A67-21082	08 p1360 A67-21127	08 p1332 A67-21172*
08 p1369 A67-20993 #	08 p1336 A67-21038	08 p1316 A67-21083*	08 p1360 A67-21128	08 p1289 A67-21173*
08 p1369 A67-20994 #	08 p1336 A67-21039*	08 p1316 A67-21084	08 p1360 A67-21129	08 p1289 A67-21174*
08 p1370 A67-20995 #	08 p1336 A67-21040	08 p1316 A67-21085*	08 p1361 A67-21130	08 p1348 A67-21175
08 p1370 A67-20996 #	08 p1336 A67-21041	08 p1392 A67-21086	08 p1361 A67-21131	08 p1342 A67-21176
08 p1370 A67-20997 #	08 p1279 A67-21042 #	08 p1392 A67-21087	08 p1361 A67-21132	08 p1286 A67-21177 #
08 p1303 A67-20998 #	08 p1279 A67-21043 #	08 p1316 A67-21088*	08 p1361 A67-21133	08 p1396 A67-21178 #
08 p1411 A67-20999 #	08 p1391 A67-21044	08 p1412 A67-21089*	08 p1361 A67-21134	08 p1322 A67-21179 #
08 p1388 A67-21000 #	08 p1359 A67-21045 #	08 p1393 A67-21090*	08 p1361 A67-21135	08 p1396 A67-21180*
08 p1376 A67-21001 #	08 p1354 A67-21046 #	08 p1393 A67-21091	08 p1361 A67-21136*	08 p1396 A67-21181
08 p1325 A67-21002 #	08 p1354 A67-21047 #	08 p1316 A67-21092	08 p1361 A67-21137	08 p1396 A67-21182
08 p1342 A67-21003 #	08 p1422 A67-21048	08 p1317 A67-21093	08 p1322 A67-21138*	08 p1396 A67-21183
08 p1313 A67-21004	08 p1430 A67-21049 #	08 p1317 A67-21094	08 p1427 A67-21139	08 p1397 A67-21184
08 p1279 A67-21005	08 p1299 A67-21050 #	08 p1317 A67-21095	08 p1322 A67-21140	08 p1397 A67-21185
08 p1313 A67-21006	08 p1427 A67-21051 #	08 p1393 A67-21096	08 p1355 A67-21141	08 p1397 A67-21186
08 p1315 A67-21007	08 p1352 A67-21052 #	08 p1412 A67-21097*	08 p1337 A67-21142	08 p1290 A67-21187*
08 p1388 A67-21008	08 p1286 A67-21053	08 p1393 A67-21098	08 p1361 A67-21143	08 p1370 A67-21188
08 p1388 A67-21009 #	08 p1303 A67-21054 #	08 p1394 A67-21099*	08 p1362 A67-21144	08 p1303 A67-21189
08 p1388 A67-21010 #	08 p1331 A67-21055 #	08 p1351 A67-21100	08 p1362 A67-21145	08 p1304 A67-21190

ACCESSION NUMBER INDEX

08 p1348 A67-21191	08 p1399 A67-21236	08 p1317 A67-21281	08 p1313 A67-21326	08 p1327 A67-21371*
08 p1348 A67-21192	08 p1376 A67-21237	08 p1401 A67-21282	08 p1313 A67-21327	08 p1401 A67-21372*
08 p1349 A67-21193	08 p1399 A67-21238*	08 p1295 A67-21283	08 p1313 A67-21328	08 p1327 A67-21373*
08 p1349 A67-21194	08 p1399 A67-21239	08 p1376 A67-21284	08 p1423 A67-21329	08 p1327 A67-21374
08 p1343 A67-21195	08 p1399 A67-21240*	08 p1422 A67-21285	08 p1423 A67-21330 #	08 p1339 A67-21375
08 p1352 A67-21196	08 p1399 A67-21241*	08 p1332 A67-21286	08 p1423 A67-21331 #	08 p1339 A67-21376
08 p1349 A67-21197 #	08 p1399 A67-21242*	08 p1431 A67-21287*	08 p1423 A67-21332 #	08 p1339 A67-21377
08 p1299 A67-21198 #	08 p1326 A67-21243	08 p1362 A67-21288 #	08 p1343 A67-21333 #	08 p1339 A67-21378
08 p1299 A67-21199 #	08 p1326 A67-21244	08 p1338 A67-21289	08 p1423 A67-21334 #	08 p1339 A67-21379
08 p1349 A67-21200 #	08 p1354 A67-21245	08 p1422 A67-21290	08 p1424 A67-21335 #	08 p1363 A67-21380
08 p1422 A67-21201 #	08 p1400 A67-21246*	08 p1338 A67-21291	08 p1295 A67-21336	08 p1363 A67-21381
08 p1362 A67-21202 #	08 p1400 A67-21247	08 p1370 A67-21292	08 p1349 A67-21337	08 p1322 A67-21382
08 p1337 A67-21203 #	08 p1377 A67-21248*	08 p1370 A67-21293	08 p1317 A67-21338	08 p1322 A67-21383
08 p1338 A67-21204 #	08 p1400 A67-21249	08 p1370 A67-21294*	08 p1318 A67-21339 #	08 p1322 A67-21384
08 p1370 A67-21205 #	08 p1400 A67-21250	08 p1306 A67-21295	08 p1306 A67-21340 #	08 p1323 A67-21385
08 p1343 A67-21206 #	08 p1400 A67-21251*	08 p1356 A67-21296	08 p1306 A67-21341 #	08 p1323 A67-21386
08 p1397 A67-21207*	08 p1377 A67-21252	08 p1370 A67-21297	08 p1318 A67-21342 #	08 p1323 A67-21387
08 p1397 A67-21208	08 p1400 A67-21253	08 p1362 A67-21298	08 p1318 A67-21343 #	08 p1323 A67-21388*
08 p1397 A67-21209	08 p1290 A67-21254*	08 p1356 A67-21299	08 p1318 A67-21344 #	08 p1323 A67-21389
08 p1397 A67-21210*	08 p1355 A67-21255 #	08 p1356 A67-21300*	08 p1356 A67-21345 #	08 p1323 A67-21390
08 p1325 A67-21211	08 p1349 A67-21256	08 p1413 A67-21301	08 p1306 A67-21346 #	08 p1323 A67-21391
08 p1325 A67-21212	08 p1299 A67-21257	08 p1423 A67-21302*	08 p1318 A67-21347 #	08 p1324 A67-21392
08 p1397 A67-21213	08 p1349 A67-21258	08 p1362 A67-21303*	08 p1306 A67-21348 #	08 p1324 A67-21393
08 p1397 A67-21214*	08 p1349 A67-21259	08 p1343 A67-21304	08 p1319 A67-21349 #	08 p1363 A67-21394
08 p1398 A67-21215	08 p1299 A67-21260	08 p1363 A67-21305	08 p1306 A67-21350 #	08 p1364 A67-21395
08 p1398 A67-21216	08 p1349 A67-21261	08 p1338 A67-21306*	08 p1401 A67-21351 #	08 p1364 A67-21396*
08 p1398 A67-21217	08 p1349 A67-21262	08 p1363 A67-21307	08 p1326 A67-21352 #	08 p1364 A67-21397*
08 p1398 A67-21218	08 p1349 A67-21263	08 p1356 A67-21308	08 p1401 A67-21353 #	08 p1364 A67-21398
08 p1398 A67-21219	08 p1400 A67-21264	08 p1338 A67-21309	08 p1424 A67-21354 #	08 p1364 A67-21399
08 p1304 A67-21220	08 p1400 A67-21265	08 p1338 A67-21310	08 p1424 A67-21355 #	08 p1364 A67-21400
08 p1304 A67-21221	08 p1400 A67-21266	08 p1363 A67-21311	08 p1288 A67-21356*	08 p1364 A67-21401*
08 p1304 A67-21222*	08 p1326 A67-21267*	08 p1371 A67-21312	08 p1326 A67-21357	08 p1364 A67-21402
08 p1304 A67-21223	08 p1322 A67-21268	08 p1343 A67-21313	08 p1326 A67-21358*	08 p1365 A67-21403*
08 p1304 A67-21224	08 p1338 A67-21269	08 p1338 A67-21314	08 p1326 A67-21359*	08 p1365 A67-21404
08 p1304 A67-21225	08 p1338 A67-21270	08 p1377 A67-21315*	08 p1377 A67-21360*	08 p1365 A67-21405
08 p1305 A67-21226	08 p1305 A67-21271	08 p1332 A67-21316 #	08 p1401 A67-21361	08 p1365 A67-21406
08 p1305 A67-21227	08 p1305 A67-21272	08 p1336 A67-21317*#	08 p1401 A67-21362	08 p1365 A67-21407
08 p1305 A67-21228	08 p1295 A67-21273	08 p1336 A67-21318*#	08 p1326 A67-21363	08 p1324 A67-21408
08 p1305 A67-21229	08 p1305 A67-21274	08 p1427 A67-21319 #	08 p1327 A67-21364*	08 p1324 A67-21409*
08 p1398 A67-21230*	08 p1295 A67-21275	08 p1278 A67-21320 #	08 p1413 A67-21365	08 p1324 A67-21410
08 p1398 A67-21231*	08 p1295 A67-21276	08 p1427 A67-21321*#	08 p1327 A67-21366*	08 p1365 A67-21411
08 p1398 A67-21232	08 p1305 A67-21277	08 p1313 A67-21322	08 p1401 A67-21367	08 p1365 A67-21412*
08 p1398 A67-21233	08 p1305 A67-21278	08 p1313 A67-21323	08 p1363 A67-21368	08 p1365 A67-21413
08 p1399 A67-21234*	08 p1305 A67-21279	08 p1313 A67-21324	08 p1327 A67-21369	08 p1365 A67-21414
08 p1399 A67-21235	08 p1306 A67-21280	08 p1313 A67-21325	08 p1327 A67-21370	08 p1366 A67-21415

ACCESSION NUMBER INDEX

08 p1427 A67-21416	08 p1332 A67-21461 #	08 p1372 A67-21506	09 p1525 A67-21551 #	09 p1461 A67-21596
08 p1306 A67-21417	08 p1327 A67-21462*#	08 p1413 A67-21507*#	09 p1491 A67-21552 #	09 p1461 A67-21597
08 p1306 A67-21418	08 p1328 A67-21463*#	08 p1402 A67-21508 #	09 p1491 A67-21553 #	09 p1461 A67-21598
08 p1307 A67-21419	08 p1402 A67-21464 #	08 p1413 A67-21509*#	09 p1502 A67-21554	09 p1461 A67-21599
08 p1428 A67-21420	08 p1328 A67-21465 #	08 p1413 A67-21510 #	09 p1483 A67-21555	09 p1510 A67-21600
08 p1428 A67-21421 #	08 p1377 A67-21466 #	08 p1429 A67-21511*#	09 p1517 A67-21556	09 p1536 A67-21601
08 p1428 A67-21422 #	08 p1377 A67-21467*#	08 p1413 A67-21512 #	09 p1536 A67-21557	09 p1536 A67-21602*
08 p1428 A67-21423 #	08 p1402 A67-21468*#	08 p1413 A67-21513 #	09 p1509 A67-21558	09 p1461 A67-21603
08 p1428 A67-21424 #	08 p1378 A67-21469*#	08 p1366 A67-21514 #	09 p1531 A67-21559	09 p1462 A67-21604
08 p1428 A67-21425 #	08 p1378 A67-21470 #	08 p1413 A67-21515*#	09 p1492 A67-21560	09 p1462 A67-21605
08 p1428 A67-21426 #	08 p1378 A67-21471*#	08 p1413 A67-21516*#	09 p1492 A67-21561	09 p1462 A67-21606
08 p1424 A67-21427	08 p1378 A67-21472 #	08 p1374 A67-21517*#	09 p1536 A67-21562	09 p1470 A67-21607
08 p1401 A67-21428*	08 p1378 A67-21473*#	08 p1376 A67-21518 #	09 p1492 A67-21563	09 p1470 A67-21608
08 p1354 A67-21429	08 p1378 A67-21474*#	08 p1324 A67-21519 #	09 p1534 A67-21564	09 p1493 A67-21609
08 p1296 A67-21430	08 p1378 A67-21475*#	08 p1343 A67-21520*#	09 p1551 A67-21565 #	09 p1462 A67-21610
08 p1366 A67-21431	08 p1402 A67-21476 #	08 p1424 A67-21521*#	09 p1483 A67-21566 #	09 p1462 A67-21611
08 p1428 A67-21432 #	08 p1328 A67-21477*#	08 p1424 A67-21522 #	09 p1492 A67-21567	09 p1493 A67-21612
08 p1424 A67-21433*#	08 p1328 A67-21478*#	08 p1343 A67-21523*#	09 p1510 A67-21568	09 p1493 A67-21613
08 p1296 A67-21434 #	08 p1328 A67-21479*#	08 p1424 A67-21524 #	09 p1510 A67-21569	09 p1494 A67-21614
08 p1424 A67-21435 #	08 p1328 A67-21480*#	08 p1352 A67-21525*#	09 p1536 A67-21570	09 p1510 A67-21615
08 p1429 A67-21436 #	08 p1328 A67-21481 #	08 p1278 A67-21526 #	09 p1551 A67-21571	09 p1494 A67-21616*
08 p1377 A67-21437 #	08 p1329 A67-21482 #	08 p1429 A67-21527 #	09 p1493 A67-21572	09 p1494 A67-21617
08 p1371 A67-21438 #	08 p1378 A67-21483 #	08 p1413 A67-21528*#	09 p1551 A67-21573	09 p1494 A67-21618
08 p1371 A67-21439 #	08 p1379 A67-21484*#	08 p1278 A67-21529 #	09 p1510 A67-21574*	09 p1494 A67-21619*
08 p1366 A67-21440 #	08 p1329 A67-21485*#	08 p1278 A67-21530*#	09 p1510 A67-21575	09 p1494 A67-21620
08 p1366 A67-21441 #	08 p1329 A67-21486*#	08 p1413 A67-21531 #	09 p1510 A67-21576	09 p1495 A67-21621
08 p1366 A67-21442 #	08 p1329 A67-21487*#	08 p1352 A67-21532 #	09 p1551 A67-21577	09 p1495 A67-21622*
08 p1371 A67-21443 #	08 p1379 A67-21488*#	08 p1424 A67-21533*#	09 p1459 A67-21578	09 p1495 A67-21623
08 p1401 A67-21444 #	08 p1329 A67-21489 #	08 p1333 A67-21534	09 p1459 A67-21579	09 p1495 A67-21624
08 p1377 A67-21445 #	08 p1371 A67-21490	08 p1286 A67-21535	09 p1459 A67-21580	09 p1470 A67-21625
08 p1307 A67-21446	08 p1372 A67-21491 #	08 p1350 A67-21536	09 p1459 A67-21581*	09 p1563 A67-21626
08 p1371 A67-21447	08 p1372 A67-21492 #	08 p1307 A67-21537	09 p1459 A67-21582	09 p1563 A67-21627
08 p1339 A67-21448	08 p1332 A67-21493	08 p1307 A67-21538*	09 p1460 A67-21583	09 p1563 A67-21628
08 p1339 A67-21449	08 p1333 A67-21494*	08 p1329 A67-21539 #	09 p1510 A67-21584	09 p1563 A67-21629
08 p1339 A67-21450	08 p1324 A67-21495*	08 p1329 A67-21540 #	09 p1460 A67-21585	09 p1561 A67-21630
08 p1371 A67-21451	08 p1354 A67-21496	08 p1431 A67-21541	09 p1460 A67-21586	09 p1531 A67-21631
08 p1339 A67-21452	08 p1354 A67-21497*	08 p1346 A67-21542	09 p1460 A67-21587	09 p1563 A67-21632
08 p1371 A67-21453	08 p1336 A67-21498	08 p1343 A67-21543	09 p1460 A67-21588	09 p1563 A67-21633
08 p1339 A67-21454	08 p1366 A67-21499	08 p1343 A67-21544	09 p1493 A67-21589	09 p1563 A67-21634
08 p1339 A67-21455	08 p1288 A67-21500	08 p1414 A67-21545*	09 p1470 A67-21590	09 p1563 A67-21635
08 p1371 A67-21456	08 p1366 A67-21501	08 p1319 A67-21546	09 p1470 A67-21591	09 p1495 A67-21636
08 p1340 A67-21457	08 p1372 A67-21502	09 p1573 A67-21547 #	09 p1460 A67-21592	09 p1563 A67-21637
08 p1371 A67-21458	08 p1340 A67-21503	09 p1579 A67-21548 #	09 p1460 A67-21593	09 p1491 A67-21638
08 p1371 A67-21459	08 p1333 A67-21504*	09 p1490 A67-21549 #	09 p1460 A67-21594	09 p1531 A67-21639*
08 p1340 A67-21460	08 p1296 A67-21505	09 p1490 A67-21550 #	09 p1461 A67-21595	09 p1462 A67-21640*

ACCESSION NUMBER INDEX

09 p1462 A67-21641	09 p1454 A67-21686	09 p1455 A67-21731*	09 p1497 A67-21776 #	09 p1543 A67-21821 #
09 p1510 A67-21642	09 p1442 A67-21687 #	09 p1453 A67-21732	09 p1538 A67-21777 #	09 p1444 A67-21822 #
09 p1511 A67-21643	09 p1502 A67-21688 #	09 p1453 A67-21733	09 p1538 A67-21778 #	09 p1543 A67-21823 #
09 p1471 A67-21644	09 p1495 A67-21689 #	09 p1456 A67-21734	09 p1538 A67-21779 #	09 p1543 A67-21824 #
09 p1471 A67-21645	09 p1496 A67-21690 #	09 p1453 A67-21735	09 p1539 A67-21780 #	09 p1511 A67-21825
09 p1462 A67-21646	09 p1559 A67-21691 #	09 p1564 A67-21736*	09 p1539 A67-21781 #	09 p1497 A67-21826
09 p1442 A67-21647 #	09 p1496 A67-21692 #	09 p1564 A67-21737	09 p1539 A67-21782 #	09 p1471 A67-21827
09 p1524 A67-21648 #	09 p1496 A67-21693 #	09 p1564 A67-21738*	09 p1539 A67-21783 #	09 p1484 A67-21828
09 p1524 A67-21649 #	09 p1571 A67-21694	09 p1437 A67-21739 #	09 p1539 A67-21784*#	09 p1463 A67-21829 #
09 p1531 A67-21650 #	09 p1564 A67-21695	09 p1437 A67-21740 #	09 p1539 A67-21785 #	09 p1526 A67-21830 #
09 p1563 A67-21651 #	09 p1571 A67-21696	09 p1437 A67-21741 #	09 p1540 A67-21786 #	09 p1487 A67-21831 #
09 p1563 A67-21652 #	09 p1571 A67-21697	09 p1437 A67-21742 #	09 p1540 A67-21787 #	09 p1467 A67-21832
09 p1531 A67-21653 #	09 p1442 A67-21698	09 p1573 A67-21743 #	09 p1540 A67-21788 #	09 p1484 A67-21833
09 p1570 A67-21654 #	09 p1579 A67-21699	09 p1552 A67-21744 #	09 p1540 A67-21789 #	09 p1524 A67-21834
09 p1495 A67-21655 #	09 p1579 A67-21700	09 p1552 A67-21745 #	09 p1540 A67-21790 #	09 p1467 A67-21835*
09 p1551 A67-21656 #	09 p1559 A67-21701 #	09 p1511 A67-21746 #	09 p1540 A67-21791 #	09 p1439 A67-21836 #
09 p1551 A67-21657 #	09 p1439 A67-21702 #	09 p1511 A67-21747 #	09 p1540 A67-21792 #	09 p1574 A67-21837
09 p1563 A67-21658 #	09 p1439 A67-21703 #	09 p1511 A67-21748 #	09 p1442 A67-21793 #	09 p1574 A67-21838
09 p1442 A67-21659	09 p1439 A67-21704 #	09 p1511 A67-21749 #	09 p1442 A67-21794 #	09 p1574 A67-21839
09 p1524 A67-21660 #	09 p1520 A67-21705	09 p1496 A67-21750 #	09 p1442 A67-21795 #	09 p1574 A67-21840
09 p1532 A67-21661 #	09 p1579 A67-21706*	09 p1497 A67-21751 #	09 p1471 A67-21796 #	09 p1561 A67-21841 #
09 p1532 A67-21662 #	09 p1496 A67-21707	09 p1573 A67-21752	09 p1541 A67-21797 #	09 p1561 A67-21842 #
09 p1573 A67-21663 #	09 p1496 A67-21708	09 p1517 A67-21753	09 p1541 A67-21798 #	09 p1561 A67-21843 #
09 p1573 A67-21664 #	09 p1496 A67-21709	09 p1573 A67-21754*	09 p1442 A67-21799 #	09 p1561 A67-21844 #
09 p1487 A67-21665 #	09 p1496 A67-21710	09 p1573 A67-21755	09 p1443 A67-21800 #	09 p1491 A67-21845 #
09 p1551 A67-21666 #	09 p1496 A67-21711	09 p1574 A67-21756	09 p1443 A67-21801 #	09 p1544 A67-21846 #
09 p1551 A67-21667 #	09 p1496 A67-21712	09 p1463 A67-21757	09 p1541 A67-21802 #	09 p1487 A67-21847 #
09 p1551 A67-21668 #	09 p1511 A67-21713	09 p1463 A67-21758	09 p1541 A67-21803 #	09 p1574 A67-21848
09 p1551 A67-21669 #	09 p1452 A67-21714*	09 p1467 A67-21759	09 p1541 A67-21804 #	09 p1544 A67-21849
09 p1552 A67-21670 #	09 p1455 A67-21715*	09 p1463 A67-21760	09 p1443 A67-21805 #	09 p1534 A67-21850
09 p1552 A67-21671*#	09 p1564 A67-21716	09 p1552 A67-21761 #	09 p1443 A67-21806 #	09 p1544 A67-21851
09 p1552 A67-21672 #	09 p1455 A67-21717*	09 p1471 A67-21762 #	09 p1541 A67-21807 #	09 p1544 A67-21852
09 p1552 A67-21673 #	09 p1455 A67-21718*	09 p1552 A67-21763 #	09 p1443 A67-21808 #	09 p1544 A67-21853
09 p1466 A67-21674	09 p1452 A67-21719	09 p1471 A67-21764 #	09 p1542 A67-21809 #	09 p1544 A67-21854
09 p1462 A67-21675	09 p1452 A67-21720	09 p1511 A67-21765 #	09 p1443 A67-21810 #	09 p1544 A67-21855
09 p1463 A67-21676	09 p1452 A67-21721*	09 p1497 A67-21766 #	09 p1443 A67-21811 #	09 p1517 A67-21856
09 p1483 A67-21677*	09 p1455 A67-21722	09 p1552 A67-21767 #	09 p1444 A67-21812 #	09 p1579 A67-21857
09 p1484 A67-21678	09 p1455 A67-21723	09 p1552 A67-21768 #	09 p1542 A67-21813 #	09 p1544 A67-21858
09 p1526 A67-21679	09 p1452 A67-21724	09 p1511 A67-21769 #	09 p1542 A67-21814 #	09 p1444 A67-21859
09 p1570 A67-21680*	09 p1452 A67-21725	09 p1559 A67-21770	09 p1542 A67-21815 #	09 p1544 A67-21860
09 p1570 A67-21681*	09 p1455 A67-21726	09 p1502 A67-21771	09 p1542 A67-21816 #	09 p1544 A67-21861
09 p1571 A67-21682*	09 p1453 A67-21727	09 p1502 A67-21772	09 p1542 A67-21817 #	09 p1579 A67-21862
09 p1466 A67-21683	09 p1453 A67-21728	09 p1536 A67-21773	09 p1543 A67-21818 #	09 p1544 A67-21863
09 p1467 A67-21684	09 p1453 A67-21729	09 p1538 A67-21774 #	09 p1543 A67-21819 #	09 p1534 A67-21864
09 p1467 A67-21685*	09 p1453 A67-21730 #	09 p1538 A67-21775 #	09 p1543 A67-21820 #	09 p1579 A67-21865

ACCESSION NUMBER INDEX

09 p1517 A67-21866	09 p1524 A67-21911 #	09 p1472 A67-21956 #	09 p1545 A67-22001	09 p1468 A67-22046*
09 p1502 A67-21867*#	09 p1487 A67-21912 #	09 p1472 A67-21957 #	09 p1545 A67-22002	09 p1468 A67-22047
09 p1471 A67-21868 #	09 p1532 A67-21913 #	09 p1473 A67-21958 #	09 p1545 A67-22003	09 p1468 A67-22048
09 p1502 A67-21869 #	09 p1574 A67-21914 #	09 p1473 A67-21959 #	09 p1534 A67-22004	09 p1468 A67-22049
09 p1559 A67-21870 #	09 p1574 A67-21915 #	09 p1473 A67-21960 #	09 p1545 A67-22005	09 p1468 A67-22050
09 p1482 A67-21871 #	09 p1511 A67-21916 #	09 p1463 A67-21961 #	09 p1554 A67-22006	09 p1468 A67-22051
09 p1524 A67-21872 #	09 p1553 A67-21917 #	09 p1463 A67-21962 #	09 p1444 A67-22007	09 p1468 A67-22052
09 p1532 A67-21873 #	09 p1544 A67-21918 #	09 p1473 A67-21963 #	09 p1444 A67-22008	09 p1469 A67-22053
09 p1524 A67-21874 #	09 p1511 A67-21919 #	09 p1518 A67-21964 #	09 p1473 A67-22009	09 p1464 A67-22054 #
09 p1517 A67-21875 #	09 p1512 A67-21920 #	09 p1518 A67-21965 #	09 p1512 A67-22010	09 p1464 A67-22055 #
09 p1517 A67-21876 #	09 p1512 A67-21921 #	09 p1518 A67-21966 #	09 p1555 A67-22011	09 p1454 A67-22056 #
09 p1497 A67-21877 #	09 p1512 A67-21922 #	09 p1518 A67-21967 #	09 p1464 A67-22012	09 p1458 A67-22057*
09 p1517 A67-21878 #	09 p1512 A67-21923 #	09 p1518 A67-21968 #	09 p1565 A67-22013	09 p1454 A67-22058*
09 p1518 A67-21879 #	09 p1512 A67-21924 #	09 p1553 A67-21969 #	09 p1565 A67-22014	09 p1458 A67-22059*
09 p1552 A67-21880	09 p1512 A67-21925 #	09 p1554 A67-21970 #	09 p1454 A67-22015*	09 p1492 A67-22060
09 p1553 A67-21881	09 p1524 A67-21926 #	09 p1554 A67-21971 #	09 p1565 A67-22016*	09 p1571 A67-22061
09 p1561 A67-21882	09 p1575 A67-21927 #	09 p1554 A67-21972 #	09 p1473 A67-22017	09 p1572 A67-22062
09 p1544 A67-21883	09 p1487 A67-21928 #	09 p1512 A67-21973 #	09 p1473 A67-22018	09 p1513 A67-22063
09 p1564 A67-21884 #	09 p1524 A67-21929 #	09 p1554 A67-21974 #	09 p1473 A67-22019	09 p1532 A67-22064
09 p1467 A67-21885 #	09 p1491 A67-21930 #	09 p1554 A67-21975 #	09 p1518 A67-22020*	09 p1513 A67-22065
09 p1571 A67-21886 #	09 p1575 A67-21931 #	09 p1554 A67-21976 #	09 p1534 A67-22021	09 p1555 A67-22066
09 p1564 A67-21887 #	09 p1488 A67-21932 #	09 p1554 A67-21977 #	09 p1491 A67-22022*	09 p1513 A67-22067
09 p1564 A67-21888 #	09 p1524 A67-21933 #	09 p1554 A67-21978 #	09 p1457 A67-22023	09 p1513 A67-22068
09 p1571 A67-21889 #	09 p1544 A67-21934 #	09 p1532 A67-21979	09 p1457 A67-22024	09 p1545 A67-22069
09 p1571 A67-21890 #	09 p1524 A67-21935 #	09 p1565 A67-21980	09 p1457 A67-22025*	09 p1513 A67-22070
09 p1574 A67-21891 #	09 p1524 A67-21936 #	09 p1565 A67-21981	09 p1457 A67-22026	09 p1555 A67-22071
09 p1491 A67-21892 #	09 p1532 A67-21937	09 p1454 A67-21982	09 p1458 A67-22027*	09 p1545 A67-22072
09 p1491 A67-21893 #	09 p1484 A67-21938	09 p1575 A67-21983	09 p1535 A67-22028*	09 p1555 A67-22073
09 p1491 A67-21894 #	09 p1497 A67-21939	09 p1463 A67-21984	09 p1518 A67-22029 #	09 p1555 A67-22074
09 p1491 A67-21895 #	09 p1456 A67-21940	09 p1512 A67-21985 #	09 p1518 A67-22030 #	09 p1439 A67-22075
09 p1487 A67-21896 #	09 p1484 A67-21941	09 p1454 A67-21986	09 p1498 A67-22031 #	09 p1525 A67-22076
09 p1561 A67-21897 #	09 p1439 A67-21942*	09 p1565 A67-21987	09 p1498 A67-22032 #	09 p1525 A67-22077
09 p1497 A67-21898 #	09 p1553 A67-21943	09 p1520 A67-21988	09 p1498 A67-22033 #	09 p1482 A67-22078
09 p1497 A67-21899 #	09 p1471 A67-21944	09 p1532 A67-21989	09 p1498 A67-22034 #	09 p1525 A67-22079
09 p1497 A67-21900 #	09 p1471 A67-21945	09 p1454 A67-21990*	09 p1498 A67-22035 #	09 p1482 A67-22080
09 p1453 A67-21901 #	09 p1553 A67-21946	09 p1454 A67-21991*	09 p1498 A67-22036 #	09 p1483 A67-22081
09 p1565 A67-21902 #	09 p1553 A67-21947	09 p1463 A67-21992	09 p1555 A67-22037	09 p1483 A67-22082
09 p1580 A67-21903	09 p1472 A67-21948	09 p1464 A67-21993	09 p1484 A67-22038*#	09 p1498 A67-22083
09 p1487 A67-21904 #	09 p1472 A67-21949	09 p1580 A67-21994	09 p1474 A67-22039	09 p1474 A67-22084
09 p1553 A67-21905 #	09 p1472 A67-21950	09 p1545 A67-21995	09 p1474 A67-22040	09 p1474 A67-22085
09 p1553 A67-21906 #	09 p1472 A67-21951	09 p1545 A67-21996	09 p1474 A67-22041	09 p1474 A67-22086*
09 p1580 A67-21907 #	09 p1472 A67-21952	09 p1545 A67-21997	09 p1512 A67-22042	09 p1474 A67-22087
09 p1580 A67-21908 #	09 p1472 A67-21953	09 p1545 A67-21998	09 p1513 A67-22043	09 p1513 A67-22088
09 p1487 A67-21909 #	09 p1553 A67-21954	09 p1473 A67-21999	09 p1467 A67-22044	09 p1474 A67-22089
09 p1532 A67-21910 #	09 p1472 A67-21955	09 p1545 A67-22000	09 p1468 A67-22045	09 p1474 A67-22090*

ACCESSION NUMBER INDEX

09 p1464 A67-22091	09 p1535 A67-22136*	09 p1458 A67-22181	09 p1566 A67-22226*	09 p1514 A67-22271
09 p1439 A67-22092	09 p1504 A67-22137	09 p1458 A67-22182	09 p1562 A67-22227*	09 p1514 A67-22272
09 p1559 A67-22093	09 p1504 A67-22138 #	09 p1458 A67-22183	09 p1562 A67-22228	09 p1514 A67-22273
09 p1559 A67-22094	09 p1504 A67-22139 #	09 p1445 A67-22184	09 p1546 A67-22229*	09 p1514 A67-22274
09 p1484 A67-22095	09 p1504 A67-22140 #	09 p1445 A67-22185	09 p1546 A67-22230*	09 p1515 A67-22275
09 p1502 A67-22096	09 p1504 A67-22141 #	09 p1445 A67-22186	09 p1566 A67-22231	09 p1515 A67-22276
09 p1469 A67-22097	09 p1504 A67-22142 #	09 p1445 A67-22187	09 p1566 A67-22232	09 p1515 A67-22277
09 p1488 A67-22098	09 p1505 A67-22143 #	09 p1458 A67-22188	09 p1562 A67-22233	09 p1479 A67-22278
09 p1503 A67-22099	09 p1513 A67-22144 #	09 p1446 A67-22189	09 p1566 A67-22234	09 p1479 A67-22279
09 p1503 A67-22100	09 p1505 A67-22145 #	09 p1505 A67-22190	09 p1566 A67-22235*	09 p1546 A67-22280
09 p1503 A67-22101	09 p1513 A67-22146 #	09 p1505 A67-22191	09 p1566 A67-22236*	09 p1546 A67-22281
09 p1555 A67-22102	09 p1505 A67-22147 #	09 p1505 A67-22192	09 p1567 A67-22237	09 p1546 A67-22282
09 p1555 A67-22103	09 p1499 A67-22148 #	09 p1506 A67-22193	09 p1567 A67-22238*	09 p1480 A67-22283
09 p1488 A67-22104*	09 p1499 A67-22149 #	09 p1506 A67-22194	09 p1567 A67-22239*	09 p1439 A67-22284 #
09 p1488 A67-22105	09 p1499 A67-22150 #	09 p1506 A67-22195	09 p1567 A67-22240*	09 p1440 A67-22285 #
09 p1488 A67-22106	09 p1580 A67-22151	09 p1545 A67-22196	09 p1562 A67-22241*	09 p1581 A67-22286
09 p1489 A67-22107	09 p1533 A67-22152*	09 p1506 A67-22197	09 p1567 A67-22242*	09 p1560 A67-22287
09 p1498 A67-22108	09 p1533 A67-22153	09 p1489 A67-22198 #	09 p1567 A67-22243*	09 p1582 A67-22288
09 p1498 A67-22109	09 p1533 A67-22154	09 p1475 A67-22199	09 p1520 A67-22244	09 p1480 A67-22289
09 p1533 A67-22110	09 p1520 A67-22155 #	09 p1475 A67-22200	09 p1521 A67-22245	09 p1456 A67-22290
09 p1555 A67-22111	09 p1519 A67-22156 #	09 p1556 A67-22201	09 p1521 A67-22246	09 p1582 A67-22291*
09 p1474 A67-22112	09 p1581 A67-22157	09 p1475 A67-22202	09 p1521 A67-22247	09 p1582 A67-22292
09 p1503 A67-22113	09 p1489 A67-22158	09 p1475 A67-22203	09 p1580 A67-22248	09 p1582 A67-22293
09 p1499 A67-22114*	09 p1437 A67-22159	09 p1475 A67-22204	09 p1521 A67-22249	09 p1582 A67-22294
09 p1533 A67-22115*	09 p1575 A67-22160	09 p1556 A67-22205	09 p1521 A67-22250	09 p1480 A67-22295
09 p1484 A67-22116	09 p1489 A67-22161	09 p1556 A67-22206	09 p1476 A67-22251	09 p1480 A67-22296*
09 p1503 A67-22117	09 p1485 A67-22162	09 p1475 A67-22207	09 p1477 A67-22252*	09 p1446 A67-22297
09 p1503 A67-22118	09 p1437 A67-22163	09 p1476 A67-22208*	09 p1477 A67-22253	09 p1575 A67-22298
09 p1503 A67-22119	09 p1575 A67-22164	09 p1476 A67-22209*	09 p1478 A67-22254	09 p1480 A67-22299
09 p1559 A67-22120 #	09 p1575 A67-22165	09 p1476 A67-22210	09 p1478 A67-22255	09 p1480 A67-22300
09 p1533 A67-22121 #	09 p1575 A67-22166	09 p1476 A67-22211	09 p1478 A67-22256	09 p1469 A67-22301
09 p1485 A67-22122	09 p1575 A67-22167	09 p1476 A67-22212*	09 p1478 A67-22257*	09 p1582 A67-22302
09 p1485 A67-22123	09 p1519 A67-22168	09 p1476 A67-22213	09 p1478 A67-22258	09 p1519 A67-22303
09 p1485 A67-22124	09 p1575 A67-22169	09 p1458 A67-22214*	09 p1478 A67-22259	09 p1506 A67-22304
09 p1518 A67-22125	09 p1513 A67-22170 #	09 p1437 A67-22215	09 p1478 A67-22260	09 p1480 A67-22305
09 p1444 A67-22126	09 p1514 A67-22171 #	09 p1438 A67-22216 #	09 p1478 A67-22261	09 p1572 A67-22306
09 p1581 A67-22127 #	09 p1545 A67-22172 #	09 p1438 A67-22217 #	09 p1479 A67-22262	09 p1583 A67-22307*
09 p1444 A67-22128 #	09 p1556 A67-22173	09 p1489 A67-22218 #	09 p1556 A67-22263	09 p1506 A67-22308
09 p1444 A67-22129 #	09 p1469 A67-22174	09 p1575 A67-22219 #	09 p1556 A67-22264	09 p1572 A67-22309
09 p1444 A67-22130 #	09 p1499 A67-22175*	09 p1545 A67-22220 #	09 p1479 A67-22265	09 p1572 A67-22310*
09 p1445 A67-22131 #	09 p1445 A67-22176	09 p1556 A67-22221 #	09 p1557 A67-22266	09 p1572 A67-22311
09 p1533 A67-22132*	09 p1445 A67-22177	09 p1565 A67-22222	09 p1479 A67-22267	09 p1481 A67-22312
09 p1513 A67-22133	09 p1458 A67-22178	09 p1565 A67-22223	09 p1479 A67-22268	09 p1546 A67-22313 #
09 p1513 A67-22134	09 p1445 A67-22179	09 p1566 A67-22224*	09 p1514 A67-22269	09 p1546 A67-22314 #
09 p1556 A67-22135*	09 p1445 A67-22180	09 p1566 A67-22225*	09 p1514 A67-22270	09 p1546 A67-22315 #

ACCESSION NUMBER INDEX

09 p1547 A67-22316 #	09 p1548 A67-22361 #	09 p1568 A67-22406*#	09 p1549 A67-22451 #	09 p1438 A67-22496 #
09 p1547 A67-22317 #	09 p1515 A67-22362	09 p1486 A67-22407 #	09 p1534 A67-22452*#	09 p1441 A67-22497 #
09 p1547 A67-22318 #	09 p1459 A67-22363*	09 p1568 A67-22408 #	09 p1500 A67-22453	09 p1441 A67-22498 #
09 p1547 A67-22319 #	09 p1459 A67-22364*	09 p1568 A67-22409 #	09 p1501 A67-22454 #	09 p1521 A67-22499
09 p1547 A67-22320 #	09 p1459 A67-22365*	09 p1576 A67-22410	09 p1469 A67-22455 #	09 p1522 A67-22500 #
09 p1547 A67-22321 #	09 p1459 A67-22366*	09 p1464 A67-22411	09 p1438 A67-22456 #	09 p1576 A67-22501 #
09 p1547 A67-22322 #	09 p1568 A67-22367*#	09 p1489 A67-22412 #	09 p1440 A67-22457 #	09 p1507 A67-22502 #
09 p1547 A67-22323 #	09 p1548 A67-22368*	09 p1486 A67-22413 #	09 p1576 A67-22458 #	09 p1577 A67-22503 #
09 p1485 A67-22324 #	09 p1456 A67-22369 #	09 p1486 A67-22414 #	09 p1457 A67-22459 #	09 p1577 A67-22504 #
09 p1547 A67-22325 #	09 p1456 A67-22370	09 p1489 A67-22415 #	09 p1469 A67-22460 #	09 p1522 A67-22505 #
09 p1446 A67-22326 #	09 p1456 A67-22371	09 p1489 A67-22416 #	09 p1457 A67-22461 #	09 p1523 A67-22506 #
09 p1548 A67-22327 #	09 p1456 A67-22372	09 p1490 A67-22417 #	09 p1576 A67-22462 #	09 p1507 A67-22507 #
09 p1499 A67-22328 #	09 p1515 A67-22373	09 p1562 A67-22418*	09 p1560 A67-22463 #	09 p1577 A67-22508 #
09 p1489 A67-22329 #	09 p1456 A67-22374*	09 p1486 A67-22419 #	09 p1560 A67-22464 #	09 p1577 A67-22509 #
09 p1446 A67-22330	09 p1456 A67-22375	09 p1557 A67-22420*#	09 p1501 A67-22465 #	09 p1577 A67-22510 #
09 p1447 A67-22331*#	09 p1519 A67-22376 #	09 p1506 A67-22421	09 p1501 A67-22466 #	09 p1577 A67-22511 #
09 p1447 A67-22332*#	09 p1535 A67-22377	09 p1576 A67-22422 #	09 p1440 A67-22467 #	09 p1578 A67-22512 #
09 p1447 A67-22333 #	09 p1535 A67-22378	09 p1576 A67-22423	09 p1501 A67-22468 #	09 p1578 A67-22513 #
09 p1447 A67-22334*#	09 p1535 A67-22379*	09 p1499 A67-22424	09 p1440 A67-22469 #	09 p1578 A67-22514 #
09 p1447 A67-22335 #	09 p1535 A67-22380*	09 p1500 A67-22425	09 p1440 A67-22470	09 p1523 A67-22515 #
09 p1448 A67-22336 #	09 p1535 A67-22381*	09 p1549 A67-22426	09 p1506 A67-22471 #	09 p1507 A67-22516 #
09 p1448 A67-22337 #	09 p1535 A67-22382	09 p1500 A67-22427*	09 p1451 A67-22472 #	09 p1523 A67-22517 #
09 p1548 A67-22338 #	09 p1548 A67-22383	09 p1500 A67-22428*	09 p1440 A67-22473 #	09 p1523 A67-22518 #
09 p1448 A67-22339*#	09 p1454 A67-22384 #	09 p1576 A67-22429	09 p1438 A67-22474 #	09 p1507 A67-22519 #
09 p1448 A67-22340 #	09 p1549 A67-22385 #	09 p1515 A67-22430	09 p1576 A67-22475 #	09 p1507 A67-22520 #
09 p1448 A67-22341 #	09 p1483 A67-22386	09 p1515 A67-22431	09 p1560 A67-22476 #	09 p1507 A67-22521 #
09 p1448 A67-22342*#	09 p1440 A67-22387	09 p1516 A67-22432	09 p1481 A67-22477	09 p1578 A67-22522 #
09 p1449 A67-22343*#	09 p1526 A67-22388	09 p1500 A67-22433	09 p1465 A67-22478	09 p1578 A67-22523 #
09 p1449 A67-22344*#	09 p1526 A67-22389	09 p1486 A67-22434 #	09 p1481 A67-22479	09 p1578 A67-22524 #
09 p1449 A67-22345*#	09 p1526 A67-22390*	09 p1469 A67-22435	09 p1481 A67-22480	09 p1523 A67-22525 #
09 p1449 A67-22346 #	09 p1526 A67-22391	09 p1520 A67-22436	09 p1482 A67-22481	09 p1507 A67-22526 #
09 p1449 A67-22347*#	09 p1526 A67-22392	09 p1557 A67-22437	09 p1516 A67-22482	09 p1508 A67-22527 #
09 p1519 A67-22348*#	09 p1526 A67-22393*	09 p1568 A67-22438*	09 p1441 A67-22483 #	09 p1508 A67-22528 #
09 p1449 A67-22349 #	09 p1526 A67-22394	09 p1569 A67-22439*	09 p1441 A67-22484 #	09 p1523 A67-22529 #
09 p1450 A67-22350*#	09 p1527 A67-22395	09 p1469 A67-22440 #	09 p1438 A67-22485 #	09 p1562 A67-22530 #
09 p1450 A67-22351 #	09 p1499 A67-22396*	09 p1464 A67-22441*#	09 p1441 A67-22486*#	09 p1451 A67-22531 #
09 p1548 A67-22352*#	09 p1519 A67-22397	09 p1464 A67-22442 #	09 p1441 A67-22487 #	09 p1451 A67-22532 #
09 p1450 A67-22353 #	09 p1519 A67-22398	09 p1486 A67-22443 #	09 p1441 A67-22488 #	09 p1508 A67-22533
09 p1450 A67-22354*#	09 p1549 A67-22399	09 p1464 A67-22444 #	09 p1483 A67-22489 #	09 p1508 A67-22534
09 p1450 A67-22355*#	09 p1533 A67-22400	09 p1481 A67-22445 #	09 p1438 A67-22490 #	09 p1508 A67-22535
09 p1450 A67-22356*#	09 p1568 A67-22401 #	09 p1481 A67-22446*#	09 p1560 A67-22491 #	09 p1508 A67-22536
09 p1451 A67-22357*#	09 p1485 A67-22402*#	09 p1481 A67-22447 #	09 p1441 A67-22492*#	09 p1560 A67-22537 #
09 p1451 A67-22358 #	09 p1486 A67-22403*#	09 p1464 A67-22448*#	09 p1457 A67-22493*#	09 p1508 A67-22538
09 p1451 A67-22359 #	09 p1486 A67-22404*#	09 p1533 A67-22449*#	09 p1441 A67-22494*#	09 p1509 A67-22539
09 p1548 A67-22360 #	09 p1568 A67-22405*#	09 p1464 A67-22450 #	09 p1438 A67-22495 #	09 p1509 A67-22540

ACCESSION NUMBER INDEX

09 p1560 A67-22541	09 p1558 A67-22586	09 p1528 A67-22631	09 p1470 A67-22676	10 p1704 A67-22721
09 p1509 A67-22542	09 p1525 A67-22587	09 p1528 A67-22632	09 p1452 A67-22677	10 p1681 A67-22722
09 p1509 A67-22543	09 p1439 A67-22588	09 p1465 A67-22633	09 p1442 A67-22678	10 p1704 A67-22723
09 p1561 A67-22544	09 p1550 A67-22589	09 p1528 A67-22634	09 p1550 A67-22679*	10 p1589 A67-22724
09 p1561 A67-22545	09 p1534 A67-22590	09 p1528 A67-22635	09 p1517 A67-22680	10 p1731 A67-22725
09 p1578 A67-22546	09 p1558 A67-22591	09 p1529 A67-22636	09 p1492 A67-22681 #	10 p1731 A67-22726
09 p1490 A67-22547	09 p1492 A67-22592	09 p1465 A67-22637	09 p1569 A67-22682*#	10 p1732 A67-22727
09 p1490 A67-22548	09 p1492 A67-22593	09 p1529 A67-22638	09 p1562 A67-22683 #	10 p1732 A67-22728
09 p1580 A67-22549	09 p1490 A67-22594	09 p1529 A67-22639	09 p1562 A67-22684 #	10 p1732 A67-22729
09 p1465 A67-22550	09 p1490 A67-22595	09 p1465 A67-22640	09 p1569 A67-22685 #	10 p1679 A67-22730
09 p1465 A67-22551	09 p1483 A67-22596	09 p1466 A67-22641	09 p1569 A67-22686 #	10 p1618 A67-22731
09 p1549 A67-22552	09 p1581 A67-22597	09 p1529 A67-22642	09 p1569 A67-22687 #	10 p1618 A67-22732
09 p1549 A67-22553	09 p1550 A67-22598	09 p1529 A67-22643	09 p1569 A67-22688 #	10 p1618 A67-22733
09 p1549 A67-22554	09 p1558 A67-22599	09 p1529 A67-22644	09 p1569 A67-22689*#	10 p1589 A67-22734
09 p1501 A67-22555	09 p1516 A67-22600	09 p1529 A67-22645	09 p1570 A67-22690 #	10 p1653 A67-22735
09 p1557 A67-22556	09 p1558 A67-22601 #	09 p1529 A67-22646	09 p1525 A67-22691*#	10 p1629 A67-22736*
09 p1557 A67-22557	09 p1558 A67-22602 #	09 p1530 A67-22647	09 p1570 A67-22692 #	10 p1653 A67-22737*
09 p1557 A67-22558	09 p1558 A67-22603 #	09 p1530 A67-22648	09 p1570 A67-22693 #	10 p1681 A67-22738*
09 p1562 A67-22559	09 p1569 A67-22604	09 p1530 A67-22649	09 p1570 A67-22694 #	10 p1653 A67-22739
09 p1525 A67-22560	09 p1581 A67-22605 #	09 p1530 A67-22650	09 p1466 A67-22695	10 p1662 A67-22740
09 p1501 A67-22561	09 p1579 A67-22606 #	09 p1530 A67-22651	09 p1482 A67-22696	10 p1662 A67-22741
09 p1501 A67-22562	09 p1441 A67-22607 #	09 p1530 A67-22652	09 p1452 A67-22697	10 p1662 A67-22742
09 p1549 A67-22563	09 p1483 A67-22608	09 p1530 A67-22653	09 p1482 A67-22698*	10 p1662 A67-22743
09 p1439 A67-22564	09 p1483 A67-22609	09 p1531 A67-22654	10 p1662 A67-22699	10 p1629 A67-22744
09 p1549 A67-22565	09 p1509 A67-22610	09 p1531 A67-22655	10 p1652 A67-22700	10 p1679 A67-22745
09 p1534 A67-22566	09 p1482 A67-22611	09 p1531 A67-22656	10 p1652 A67-22701	10 p1653 A67-22746
09 p1561 A67-22567	09 p1579 A67-22612	09 p1466 A67-22657	10 p1667 A67-22702	10 p1679 A67-22747*
09 p1465 A67-22568	09 p1509 A67-22613	09 p1531 A67-22658	10 p1618 A67-22703*	10 p1653 A67-22748
09 p1482 A67-22569	09 p1520 A67-22614	09 p1516 A67-22659	10 p1618 A67-22704*	10 p1653 A67-22749
09 p1549 A67-22570	09 p1502 A67-22615 #	09 p1516 A67-22660	10 p1658 A67-22705 #	10 p1653 A67-22750
09 p1557 A67-22571	09 p1492 A67-22616 #	09 p1559 A67-22661	10 p1659 A67-22706*#	10 p1654 A67-22751*
09 p1557 A67-22572	09 p1550 A67-22617 #	09 p1482 A67-22662	10 p1659 A67-22707 #	10 p1654 A67-22752*
09 p1557 A67-22573	09 p1558 A67-22618 #	09 p1516 A67-22663 #	10 p1659 A67-22708*#	10 p1662 A67-22753
09 p1525 A67-22574	09 p1558 A67-22619 #	09 p1550 A67-22664 #	10 p1652 A67-22709	10 p1654 A67-22754
09 p1550 A67-22575	09 p1469 A67-22620	09 p1516 A67-22665 #	10 p1652 A67-22710	10 p1654 A67-22755
09 p1490 A67-22576	09 p1520 A67-22621 #	09 p1451 A67-22666	10 p1603 A67-22711	10 p1654 A67-22756 #
09 p1501 A67-22577	09 p1465 A67-22622	09 p1470 A67-22667	10 p1678 A67-22712	10 p1654 A67-22757 #
09 p1439 A67-22578	09 p1502 A67-22623	09 p1470 A67-22668	10 p1603 A67-22713	10 p1662 A67-22758
09 p1534 A67-22579	09 p1525 A67-22624	09 p1470 A67-22669*	10 p1652 A67-22714	10 p1687 A67-22759*
09 p1534 A67-22580	09 p1525 A67-22625*	09 p1441 A67-22670 #	10 p1678 A67-22715	10 p1683 A67-22760
09 p1581 A67-22581	09 p1527 A67-22626	09 p1572 A67-22671*#	10 p1662 A67-22716	10 p1687 A67-22761
09 p1550 A67-22582	09 p1527 A67-22627	09 p1572 A67-22672*#	10 p1653 A67-22717*	10 p1687 A67-22762
09 p1516 A67-22583	09 p1528 A67-22628	09 p1572 A67-22673*#	10 p1678 A67-22718*	10 p1687 A67-22763
09 p1550 A67-22584	09 p1528 A67-22629	09 p1572 A67-22674 #	10 p1703 A67-22719	10 p1688 A67-22764
09 p1558 A67-22585	09 p1528 A67-22630	09 p1516 A67-22675	10 p1704 A67-22720	10 p1688 A67-22765*

ACCESSION NUMBER INDEX

10 p1688 A67-22766	10 p1632 A67-22811 #	10 p1632 A67-22856	10 p1684 A67-22901 #	10 p1602 A67-22946*
10 p1715 A67-22767 #	10 p1632 A67-22812 #	10 p1632 A67-22857	10 p1684 A67-22902 #	10 p1602 A67-22947*
10 p1629 A67-22768*#	10 p1676 A67-22813 #	10 p1632 A67-22858	10 p1688 A67-22903	10 p1633 A67-22948 #
10 p1621 A67-22769 #	10 p1676 A67-22814 #	10 p1715 A67-22859 #	10 p1688 A67-22904	10 p1633 A67-22949 #
10 p1608 A67-22770 #	10 p1676 A67-22815 #	10 p1712 A67-22860	10 p1601 A67-22905	10 p1610 A67-22950 #
10 p1603 A67-22771	10 p1676 A67-22816 #	10 p1623 A67-22861 #	10 p1664 A67-22906*	10 p1610 A67-22951 #
10 p1603 A67-22772	10 p1676 A67-22817 #	10 p1699 A67-22862	10 p1689 A67-22907	10 p1619 A67-22952 #
10 p1609 A67-22773	10 p1654 A67-22818 #	10 p1623 A67-22863 #	10 p1689 A67-22908	10 p1705 A67-22953
10 p1609 A67-22774	10 p1632 A67-22819 #	10 p1681 A67-22864 #	10 p1664 A67-22909	10 p1705 A67-22954*
10 p1630 A67-22775	10 p1676 A67-22820*#	10 p1683 A67-22865 #	10 p1689 A67-22910	10 p1705 A67-22955
10 p1698 A67-22776 #	10 p1654 A67-22821 #	10 p1663 A67-22866 #	10 p1696 A67-22911 #	10 p1706 A67-22956
10 p1630 A67-22777 #	10 p1654 A67-22822 #	10 p1659 A67-22867	10 p1715 A67-22912	10 p1706 A67-22957
10 p1698 A67-22778 #	10 p1655 A67-22823 #	10 p1633 A67-22868 #	10 p1715 A67-22913	10 p1706 A67-22958
10 p1698 A67-22779 #	10 p1688 A67-22824 #	10 p1633 A67-22869 #	10 p1624 A67-22914	10 p1681 A67-22959
10 p1698 A67-22780 #	10 p1715 A67-22825 #	10 p1589 A67-22870	10 p1715 A67-22915	10 p1602 A67-22960
10 p1699 A67-22781 #	10 p1715 A67-22826 #	10 p1589 A67-22871*	10 p1679 A67-22916	10 p1689 A67-22961 #
10 p1683 A67-22782 #	10 p1667 A67-22827	10 p1589 A67-22872	10 p1590 A67-22917	10 p1681 A67-22962 #
10 p1683 A67-22783 #	10 p1621 A67-22828	10 p1697 A67-22873	10 p1590 A67-22918	10 p1684 A67-22963 #
10 p1699 A67-22784 #	10 p1659 A67-22829	10 p1623 A67-22874	10 p1732 A67-22919	10 p1673 A67-22964
10 p1630 A67-22785 #	10 p1688 A67-22830	10 p1684 A67-22875	10 p1715 A67-22920 #	10 p1673 A67-22965
10 p1630 A67-22786 #	10 p1659 A67-22831	10 p1609 A67-22876 #	10 p1715 A67-22921 #	10 p1674 A67-22966
10 p1630 A67-22787 #	10 p1673 A67-22832	10 p1704 A67-22877	10 p1715 A67-22922 #	10 p1674 A67-22967
10 p1630 A67-22788 #	10 p1673 A67-22833*	10 p1623 A67-22878	10 p1624 A67-22923 #	10 p1674 A67-22968
10 p1630 A67-22789 #	10 p1609 A67-22834	10 p1590 A67-22879	10 p1610 A67-22924	10 p1624 A67-22969
10 p1699 A67-22790 #	10 p1663 A67-22835	10 p1655 A67-22880	10 p1610 A67-22925	10 p1604 A67-22970
10 p1630 A67-22791 #	10 p1609 A67-22836	10 p1663 A67-22881	10 p1705 A67-22926	10 p1610 A67-22971
10 p1630 A67-22792 #	10 p1609 A67-22837	10 p1622 A67-22882	10 p1595 A67-22927	10 p1610 A67-22972
10 p1603 A67-22793 #	10 p1609 A67-22838	10 p1704 A67-22883 #	10 p1597 A67-22928*	10 p1610 A67-22973
10 p1604 A67-22794 #	10 p1609 A67-22839	10 p1704 A67-22884 #	10 p1622 A67-22929	10 p1608 A67-22974*
10 p1675 A67-22795 #	10 p1655 A67-22840	10 p1704 A67-22885 #	10 p1659 A67-22930	10 p1595 A67-22975
10 p1630 A67-22796 #	10 p1679 A67-22841	10 p1699 A67-22886 #	10 p1732 A67-22931 #	10 p1610 A67-22976
10 p1699 A67-22797 #	10 p1679 A67-22842	10 p1681 A67-22887 #	10 p1716 A67-22932 #	10 p1610 A67-22977*
10 p1631 A67-22798 #	10 p1683 A67-22843	10 p1604 A67-22888 #	10 p1716 A67-22933 #	10 p1610 A67-22978
10 p1699 A67-22799 #	10 p1683 A67-22844	10 p1704 A67-22889 #	10 p1716 A67-22934 #	10 p1604 A67-22979 #
10 p1631 A67-22800 #	10 p1699 A67-22845	10 p1688 A67-22890	10 p1673 A67-22935 #	10 p1611 A67-22980 #
10 p1699 A67-22801 #	10 p1663 A67-22846	10 p1663 A67-22891	10 p1624 A67-22936 #	10 p1611 A67-22981 #
10 p1631 A67-22802 #	10 p1663 A67-22847	10 p1684 A67-22892	10 p1716 A67-22937 #	10 p1611 A67-22982 #
10 p1631 A67-22803 #	10 p1688 A67-22848	10 p1663 A67-22893	10 p1716 A67-22938 #	10 p1611 A67-22983 #
10 p1631 A67-22804 #	10 p1704 A67-22849	10 p1705 A67-22894 #	10 p1716 A67-22939 #	10 p1604 A67-22984 #
10 p1631 A67-22805 #	10 p1673 A67-22850	10 p1705 A67-22895 #	10 p1716 A67-22940 #	10 p1655 A67-22985 #
10 p1631 A67-22806 #	10 p1618 A67-22851	10 p1633 A67-22896 #	10 p1705 A67-22941*	10 p1633 A67-22986 #
10 p1631 A67-22807 #	10 p1683 A67-22852	10 p1705 A67-22897 #	10 p1716 A67-22942 #	10 p1604 A67-22987 #
10 p1631 A67-22808 #	10 p1683 A67-22853	10 p1705 A67-22898 #	10 p1717 A67-22943 #	10 p1659 A67-22988 #
10 p1632 A67-22809 #	10 p1663 A67-22854	10 p1604 A67-22899	10 p1717 A67-22944 #	10 p1595 A67-22989 #
10 p1632 A67-22810 #	10 p1663 A67-22855	10 p1684 A67-22900 #	10 p1717 A67-22945 #	10 p1655 A67-22990 #

ACCESSION NUMBER INDEX

10 p1712 A67-22991*#	10 p1590 A67-23036 #	10 p1656 A67-23081	10 p1717 A67-23126 #	10 p1660 A67-23171
10 p1604 A67-22992	10 p1591 A67-23037 #	10 p1717 A67-23082	10 p1717 A67-23127 #	10 p1718 A67-23172
10 p1655 A67-22993	10 p1624 A67-23038 #	10 p1685 A67-23083	10 p1717 A67-23128 #	10 p1668 A67-23173
10 p1605 A67-22994	10 p1624 A67-23039 #	10 p1606 A67-23084	10 p1717 A67-23129 #	10 p1668 A67-23174
10 p1605 A67-22995*	10 p1733 A67-23040 #	10 p1676 A67-23085 #	10 p1706 A67-23130*#	10 p1668 A67-23175
10 p1605 A67-22996	10 p1625 A67-23041 #	10 p1700 A67-23086 #	10 p1696 A67-23131 #	10 p1634 A67-23176
10 p1605 A67-22997	10 p1625 A67-23042 #	10 p1656 A67-23087 #	10 p1697 A67-23132 #	10 p1636 A67-23177*
10 p1605 A67-22998	10 p1625 A67-23043 #	10 p1656 A67-23088 #	10 p1697 A67-23133 #	10 p1636 A67-23178*
10 p1622 A67-22999	10 p1591 A67-23044 #	10 p1689 A67-23089	10 p1697 A67-23134 #	10 p1636 A67-23179*
10 p1655 A67-23000	10 p1591 A67-23045 #	10 p1689 A67-23090	10 p1625 A67-23135 #	10 p1636 A67-23180
10 p1622 A67-23001	10 p1660 A67-23046 #	10 p1668 A67-23091	10 p1592 A67-23136 #	10 p1637 A67-23181
10 p1605 A67-23002	10 p1633 A67-23047 #	10 p1668 A67-23092	10 p1625 A67-23137 #	10 p1606 A67-23182*
10 p1674 A67-23003	10 p1633 A67-23048 #	10 p1668 A67-23093	10 p1717 A67-23138 #	10 p1677 A67-23183
10 p1674 A67-23004	10 p1633 A67-23049 #	10 p1689 A67-23094	10 p1656 A67-23139*#	10 p1606 A67-23184
10 p1605 A67-23005	10 p1634 A67-23050 #	10 p1689 A67-23095	10 p1718 A67-23140 #	10 p1706 A67-23185
10 p1660 A67-23006	10 p1634 A67-23051 #	10 p1689 A67-23096	10 p1592 A67-23141*#	10 p1700 A67-23186
10 p1660 A67-23007	10 p1634 A67-23052 #	10 p1689 A67-23097	10 p1626 A67-23142 #	10 p1700 A67-23187
10 p1660 A67-23008	10 p1634 A67-23053 #	10 p1690 A67-23098	10 p1592 A67-23143*#	10 p1700 A67-23188*
10 p1667 A67-23009	10 p1700 A67-23054 #	10 p1690 A67-23099	10 p1626 A67-23144 #	10 p1637 A67-23189
10 p1668 A67-23010	10 p1700 A67-23055 #	10 p1690 A67-23100	10 p1733 A67-23145 #	10 p1637 A67-23190
10 p1668 A67-23011	10 p1700 A67-23056 #	10 p1690 A67-23101	10 p1682 A67-23146*#	10 p1637 A67-23191
10 p1668 A67-23012	10 p1700 A67-23057 #	10 p1664 A67-23102	10 p1679 A67-23147 #	10 p1637 A67-23192
10 p1671 A67-23013	10 p1634 A67-23058 #	10 p1690 A67-23103	10 p1712 A67-23148 #	10 p1701 A67-23193
10 p1660 A67-23014 #	10 p1634 A67-23059 #	10 p1690 A67-23104	10 p1626 A67-23149 #	10 p1637 A67-23194
10 p1593 A67-23015 #	10 p1706 A67-23060	10 p1690 A67-23105	10 p1626 A67-23150*#	10 p1677 A67-23195*
10 p1717 A67-23016 #	10 p1605 A67-23061	10 p1690 A67-23106	10 p1733 A67-23151*#	10 p1637 A67-23196
10 p1676 A67-23017	10 p1611 A67-23062	10 p1690 A67-23107	10 p1626 A67-23152 #	10 p1594 A67-23197
10 p1732 A67-23018 #	10 p1606 A67-23063	10 p1690 A67-23108	10 p1718 A67-23153 #	10 p1638 A67-23198
10 p1596 A67-23019 #	10 p1606 A67-23064	10 p1591 A67-23109*#	10 p1592 A67-23154 #	10 p1638 A67-23199
10 p1732 A67-23020 #	10 p1606 A67-23065	10 p1625 A67-23110 #	10 p1592 A67-23155 #	10 p1638 A67-23200
10 p1697 A67-23021 #	10 p1606 A67-23066	10 p1625 A67-23111 #	10 p1592 A67-23156 #	10 p1638 A67-23201
10 p1596 A67-23022 #	10 p1682 A67-23067 #	10 p1591 A67-23112 #	10 p1697 A67-23157 #	10 p1638 A67-23202
10 p1684 A67-23023 #	10 p1664 A67-23068 #	10 p1733 A67-23113 #	10 p1602 A67-23158*	10 p1638 A67-23203
10 p1590 A67-23024 #	10 p1606 A67-23069	10 p1591 A67-23114 #	10 p1602 A67-23159*	10 p1638 A67-23204
10 p1590 A67-23025 #	10 p1664 A67-23070	10 p1591 A67-23115 #	10 p1690 A67-23160	10 p1639 A67-23205
10 p1590 A67-23026 #	10 p1664 A67-23071*	10 p1592 A67-23116 #	10 p1596 A67-23161*	10 p1639 A67-23206*
10 p1590 A67-23027 #	10 p1655 A67-23072	10 p1625 A67-23117 #	10 p1596 A67-23162	10 p1656 A67-23207
10 p1624 A67-23028 #	10 p1684 A67-23073	10 p1592 A67-23118*#	10 p1596 A67-23163*	10 p1639 A67-23208*
10 p1679 A67-23029 #	10 p1689 A67-23074	10 p1733 A67-23119 #	10 p1596 A67-23164*	10 p1639 A67-23209
10 p1679 A67-23030 #	10 p1689 A67-23075	10 p1698 A67-23120*#	10 p1596 A67-23165*	10 p1639 A67-23210
10 p1679 A67-23031 #	10 p1674 A67-23076 #	10 p1698 A67-23121*#	10 p1596 A67-23166*	10 p1639 A67-23211*
10 p1624 A67-23032 #	10 p1674 A67-23077 #	10 p1698 A67-23122 #	10 p1690 A67-23167	10 p1712 A67-23212
10 p1624 A67-23033 #	10 p1656 A67-23078	10 p1685 A67-23123*#	10 p1690 A67-23168	10 p1639 A67-23213
10 p1624 A67-23034 #	10 p1656 A67-23079	10 p1733 A67-23124 #	10 p1611 A67-23169	10 p1639 A67-23214
10 p1590 A67-23035 #	10 p1656 A67-23080	10 p1733 A67-23125 #	10 p1660 A67-23170	10 p1640 A67-23215

ACCESSION NUMBER INDEX

10 p1640 A67-23216	10 p1682 A67-23261	10 p1650 A67-23306	10 p1708 A67-23351	10 p1675 A67-23396*
10 p1640 A67-23217	10 p1645 A67-23262*	10 p1650 A67-23307	10 p1708 A67-23352	10 p1598 A67-23397*
10 p1640 A67-23218	10 p1645 A67-23263	10 p1597 A67-23308	10 p1708 A67-23353	10 p1603 A67-23398*
10 p1701 A67-23219	10 p1645 A67-23264	10 p1611 A67-23309	10 p1682 A67-23354	10 p1682 A67-23399*
10 p1640 A67-23220	10 p1645 A67-23265	10 p1611 A67-23310	10 p1682 A67-23355	10 p1691 A67-23400*
10 p1706 A67-23221	10 p1645 A67-23266	10 p1611 A67-23311	10 p1702 A67-23356	10 p1691 A67-23401
10 p1606 A67-23222	10 p1646 A67-23267	10 p1597 A67-23312	10 p1708 A67-23357	10 p1691 A67-23402
10 p1706 A67-23223	10 p1646 A67-23268	10 p1597 A67-23313	10 p1680 A67-23358	10 p1691 A67-23403
10 p1707 A67-23224*	10 p1646 A67-23269	10 p1680 A67-23314*	10 p1703 A67-23359	10 p1691 A67-23404 #
10 p1707 A67-23225	10 p1646 A67-23270	10 p1680 A67-23315	10 p1708 A67-23360	10 p1718 A67-23405 #
10 p1701 A67-23226	10 p1646 A67-23271*	10 p1622 A67-23316	10 p1708 A67-23361	10 p1613 A67-23406 #
10 p1707 A67-23227	10 p1646 A67-23272*	10 p1657 A67-23317	10 p1709 A67-23362	10 p1626 A67-23407 #
10 p1707 A67-23228*	10 p1646 A67-23273	10 p1619 A67-23318	10 p1709 A67-23363	10 p1677 A67-23408 #
10 p1701 A67-23229	10 p1647 A67-23274	10 p1678 A67-23319	10 p1709 A67-23364	10 p1680 A67-23409 #
10 p1701 A67-23230	10 p1647 A67-23275	10 p1619 A67-23320	10 p1709 A67-23365	10 p1685 A67-23410 #
10 p1701 A67-23231	10 p1647 A67-23276	10 p1597 A67-23321	10 p1709 A67-23366	10 p1597 A67-23411
10 p1707 A67-23232	10 p1647 A67-23277	10 p1608 A67-23322	10 p1657 A67-23367*#	10 p1613 A67-23412
10 p1640 A67-23233	10 p1660 A67-23278*	10 p1608 A67-23323	10 p1677 A67-23368 #	10 p1613 A67-23413
10 p1640 A67-23234	10 p1647 A67-23279	10 p1660 A67-23324	10 p1677 A67-23369*#	10 p1613 A67-23414
10 p1641 A67-23235	10 p1647 A67-23280	10 p1669 A67-23325	10 p1612 A67-23370	10 p1665 A67-23415
10 p1641 A67-23236	10 p1647 A67-23281	10 p1669 A67-23326	10 p1612 A67-23371	10 p1598 A67-23416*
10 p1707 A67-23237	10 p1647 A67-23282	10 p1718 A67-23327	10 p1612 A67-23372	10 p1619 A67-23417
10 p1707 A67-23238	10 p1647 A67-23283	10 p1601 A67-23328	10 p1612 A67-23373	10 p1619 A67-23418
10 p1708 A67-23239*	10 p1648 A67-23284	10 p1611 A67-23329	10 p1612 A67-23374*	10 p1619 A67-23419*
10 p1641 A67-23240	10 p1656 A67-23285	10 p1608 A67-23330	10 p1612 A67-23375	10 p1620 A67-23420
10 p1708 A67-23241	10 p1648 A67-23286	10 p1685 A67-23331	10 p1612 A67-23376	10 p1620 A67-23421
10 p1708 A67-23242	10 p1648 A67-23287*	10 p1664 A67-23332	10 p1674 A67-23377*	10 p1620 A67-23422*
10 p1713 A67-23243*	10 p1648 A67-23288	10 p1664 A67-23333	10 p1682 A67-23378*	10 p1620 A67-23423
10 p1641 A67-23244*	10 p1648 A67-23289	10 p1708 A67-23334	10 p1682 A67-23379*	10 p1678 A67-23424
10 p1718 A67-23245	10 p1648 A67-23290	10 p1664 A67-23335	10 p1697 A67-23380	10 p1678 A67-23425
10 p1641 A67-23246	10 p1648 A67-23291	10 p1650 A67-23336	10 p1669 A67-23381	10 p1620 A67-23426*
10 p1643 A67-23247	10 p1611 A67-23292	10 p1650 A67-23337*	10 p1665 A67-23382	10 p1620 A67-23427
10 p1643 A67-23248	10 p1648 A67-23293	10 p1650 A67-23338*	10 p1682 A67-23383*	10 p1651 A67-23428*
10 p1643 A67-23249*	10 p1649 A67-23294	10 p1650 A67-23339*	10 p1602 A67-23384	10 p1594 A67-23429
10 p1643 A67-23250*	10 p1649 A67-23295*	10 p1651 A67-23340	10 p1603 A67-23385*	10 p1660 A67-23430
10 p1643 A67-23251	10 p1649 A67-23296	10 p1651 A67-23341	10 p1682 A67-23386	10 p1622 A67-23431
10 p1643 A67-23252	10 p1649 A67-23297	10 p1651 A67-23342	10 p1674 A67-23387 #	10 p1718 A67-23432
10 p1644 A67-23253	10 p1701 A67-23298	10 p1651 A67-23343	10 p1622 A67-23388 #	10 p1718 A67-23433
10 p1644 A67-23254	10 p1702 A67-23299	10 p1651 A67-23344	10 p1597 A67-23389 #	10 p1669 A67-23434
10 p1644 A67-23255	10 p1702 A67-23300	10 p1702 A67-23345	10 p1622 A67-23390 #	10 p1594 A67-23435
10 p1644 A67-23256	10 p1649 A67-23301	10 p1651 A67-23346	10 p1594 A67-23391	10 p1594 A67-23436
10 p1644 A67-23257	10 p1649 A67-23302	10 p1651 A67-23347	10 p1598 A67-23392*	10 p1669 A67-23437
10 p1644 A67-23258*	10 p1649 A67-23303	10 p1601 A67-23348*	10 p1598 A67-23393*	10 p1669 A67-23438
10 p1644 A67-23259	10 p1702 A67-23304	10 p1682 A67-23349*	10 p1598 A67-23394*	10 p1661 A67-23439
10 p1645 A67-23260*	10 p1702 A67-23305	10 p1702 A67-23350	10 p1651 A67-23395*	10 p1613 A67-23440

ACCESSION NUMBER INDEX

10 p1665 A67-23441*	10 p1719 A67-23486	10 p1616 A67-23531 #	10 p1720 A67-23576	10 p1595 A67-23621
10 p1607 A67-23442 #	10 p1709 A67-23487	10 p1616 A67-23532 #	10 p1720 A67-23577	10 p1652 A67-23622
10 p1607 A67-23443 #	10 p1709 A67-23488*	10 p1616 A67-23533 #	10 p1720 A67-23578	10 p1657 A67-23623
10 p1613 A67-23444 #	10 p1709 A67-23489*	10 p1616 A67-23534 #	10 p1601 A67-23579*	10 p1657 A67-23624
10 p1613 A67-23445 #	10 p1703 A67-23490	10 p1616 A67-23535 #	10 p1601 A67-23580*	10 p1657 A67-23625
10 p1607 A67-23446 #	10 p1709 A67-23491	10 p1616 A67-23536 #	10 p1598 A67-23581*	10 p1598 A67-23626*
10 p1607 A67-23447 #	10 p1652 A67-23492	10 p1617 A67-23537 #	10 p1693 A67-23582	10 p1601 A67-23627*
10 p1613 A67-23448 #	10 p1652 A67-23493	10 p1617 A67-23538 #	10 p1693 A67-23583	10 p1710 A67-23628*
10 p1613 A67-23449 #	10 p1709 A67-23494	10 p1617 A67-23539 #	10 p1666 A67-23584	10 p1735 A67-23629*
10 p1607 A67-23450 #	10 p1671 A67-23495	10 p1617 A67-23540 #	10 p1686 A67-23585	10 p1675 A67-23630*
10 p1607 A67-23451 #	10 p1680 A67-23496*	10 p1617 A67-23541 #	10 p1703 A67-23586	10 p1734 A67-23631
10 p1607 A67-23452 #	10 p1680 A67-23497	10 p1617 A67-23542 #	10 p1686 A67-23587	10 p1603 A67-23632*
10 p1592 A67-23453 #	10 p1603 A67-23498	10 p1703 A67-23543 #	10 p1710 A67-23588	10 p1593 A67-23633
10 p1593 A67-23454 #	10 p1677 A67-23499	10 p1719 A67-23544 #	10 p1607 A67-23589	10 p1680 A67-23634
10 p1718 A67-23455*	10 p1677 A67-23500	10 p1652 A67-23545*	10 p1693 A67-23590	10 p1710 A67-23635
10 p1719 A67-23456	10 p1677 A67-23501	10 p1709 A67-23546	10 p1694 A67-23591	10 p1710 A67-23636
10 p1607 A67-23457 #	10 p1691 A67-23502	10 p1652 A67-23547*	10 p1694 A67-23592	10 p1669 A67-23637
10 p1607 A67-23458 #	10 p1691 A67-23503	10 p1623 A67-23548	10 p1694 A67-23593	10 p1608 A67-23638 #
10 p1613 A67-23459 #	10 p1686 A67-23504	10 p1593 A67-23549 #	10 p1666 A67-23594	10 p1618 A67-23639 #
10 p1607 A67-23460 #	10 p1665 A67-23505	10 p1595 A67-23550 #	10 p1686 A67-23595	10 p1670 A67-23640 #
10 p1685 A67-23461	10 p1613 A67-23506	10 p1595 A67-23551 #	10 p1694 A67-23596	10 p1670 A67-23641 #
10 p1685 A67-23462	10 p1597 A67-23507	10 p1661 A67-23552 #	10 p1686 A67-23597	10 p1670 A67-23642 #
10 p1685 A67-23463	10 p1620 A67-23508	10 p1626 A67-23553	10 p1720 A67-23598 #	10 p1627 A67-23643 #
10 p1685 A67-23464	10 p1613 A67-23509	10 p1627 A67-23554 #	10 p1720 A67-23599 #	10 p1680 A67-23644 #
10 p1685 A67-23465	10 p1692 A67-23510 #	10 p1627 A67-23555 #	10 p1720 A67-23600 #	10 p1721 A67-23645 #
10 p1686 A67-23466	10 p1692 A67-23511 #	10 p1627 A67-23556 #	10 p1720 A67-23601 #	10 p1694 A67-23646 #
10 p1686 A67-23467	10 p1692 A67-23512 #	10 p1627 A67-23557 #	10 p1720 A67-23602 #	10 p1628 A67-23647 #
10 p1686 A67-23468	10 p1692 A67-23513 #	10 p1719 A67-23558 #	10 p1720 A67-23603 #	10 p1666 A67-23648 #
10 p1686 A67-23469	10 p1692 A67-23514 #	10 p1627 A67-23559 #	10 p1721 A67-23604 #	10 p1694 A67-23649 #
10 p1594 A67-23470	10 p1693 A67-23515 #	10 p1627 A67-23560 #	10 p1671 A67-23605 #	10 p1694 A67-23650 #
10 p1623 A67-23471	10 p1693 A67-23516 #	10 p1657 A67-23561	10 p1595 A67-23606 #	10 p1694 A67-23651 #
10 p1719 A67-23472	10 p1693 A67-23517 #	10 p1710 A67-23562*	10 p1680 A67-23607 #	10 p1694 A67-23652 #
10 p1626 A67-23473	10 p1665 A67-23518 #	10 p1710 A67-23563	10 p1675 A67-23608 #	10 p1666 A67-23653 #
10 p1719 A67-23474	10 p1665 A67-23519 #	10 p1710 A67-23564	10 p1675 A67-23609 #	10 p1667 A67-23654 #
10 p1593 A67-23475	10 p1665 A67-23520 #	10 p1666 A67-23565	10 p1721 A67-23610 #	10 p1694 A67-23655 #
10 p1719 A67-23476	10 p1666 A67-23521 #	10 p1693 A67-23566	10 p1710 A67-23611 #	10 p1694 A67-23656 #
10 p1733 A67-23477	10 p1666 A67-23522 #	10 p1657 A67-23567	10 p1621 A67-23612	10 p1695 A67-23657 #
10 p1691 A67-23478	10 p1693 A67-23523 #	10 p1666 A67-23568	10 p1621 A67-23613	10 p1695 A67-23658 #
10 p1665 A67-23479	10 p1614 A67-23524 #	10 p1720 A67-23569 #	10 p1621 A67-23614	10 p1695 A67-23659 #
10 p1698 A67-23480	10 p1615 A67-23525 #	10 p1607 A67-23570	10 p1621 A67-23615	10 p1695 A67-23660 #
10 p1733 A67-23481	10 p1615 A67-23526 #	10 p1607 A67-23571	10 p1608 A67-23616	10 p1695 A67-23661 #
10 p1713 A67-23482	10 p1615 A67-23527 #	10 p1620 A67-23572	10 p1608 A67-23617	10 p1695 A67-23662 #
10 p1698 A67-23483	10 p1615 A67-23528 #	10 p1621 A67-23573	10 p1597 A67-23618	10 p1695 A67-23663 #
10 p1709 A67-23484	10 p1615 A67-23529 #	10 p1677 A67-23574 #	10 p1621 A67-23619	10 p1695 A67-23664 #
10 p1719 A67-23485	10 p1615 A67-23530 #	10 p1734 A67-23575	10 p1608 A67-23620	10 p1667 A67-23665 #

ACCESSION NUMBER INDEX

10 p1680 A67-23666 #	10 p1725 A67-23711 #	10 p1714 A67-23756*#	10 p1711 A67-23801	10 p1731 A67-23846 #
10 p1681 A67-23667 #	10 p1593 A67-23712 #	10 p1714 A67-23757*#	10 p1711 A67-23802	10 p1629 A67-23847 #
10 p1657 A67-23668 #	10 p1725 A67-23713*#	10 p1714 A67-23758*#	10 p1703 A67-23803	10 p1731 A67-23848 #
10 p1675 A67-23669 #	10 p1725 A67-23714 #	10 p1727 A67-23759 #	10 p1712 A67-23804*	10 p1687 A67-23849 #
10 p1686 A67-23670 #	10 p1725 A67-23715 #	10 p1728 A67-23760 #	10 p1712 A67-23805	10 p1621 A67-23850 #
10 p1721 A67-23671 #	10 p1725 A67-23716 #	10 p1728 A67-23761 #	10 p1712 A67-23806	10 p1621 A67-23851 #
10 p1628 A67-23672 #	10 p1726 A67-23717 #	10 p1728 A67-23762 #	10 p1712 A67-23807*	10 p1621 A67-23852 #
10 p1734 A67-23673 #	10 p1726 A67-23718 #	10 p1728 A67-23763 #	10 p1712 A67-23808*	10 p1678 A67-23853
10 p1628 A67-23674 #	10 p1726 A67-23719*#	10 p1728 A67-23764 #	10 p1618 A67-23809*	11 p1825 A67-23854
10 p1628 A67-23675 #	10 p1726 A67-23720 #	10 p1729 A67-23765*#	10 p1599 A67-23810	11 p1774 A67-23855
10 p1675 A67-23676 #	10 p1672 A67-23721 #	10 p1729 A67-23766 #	10 p1599 A67-23811 #	11 p1774 A67-23856
10 p1675 A67-23677 #	10 p1734 A67-23722 #	10 p1729 A67-23767 #	10 p1599 A67-23812 #	11 p1774 A67-23857
10 p1628 A67-23678 #	10 p1670 A67-23723 #	10 p1729 A67-23768 #	10 p1599 A67-23813 #	11 p1749 A67-23858
10 p1734 A67-23679 #	10 p1672 A67-23724 #	10 p1729 A67-23769 #	10 p1599 A67-23814*	11 p1774 A67-23859
10 p1681 A67-23680 #	10 p1672 A67-23725 #	10 p1729 A67-23770*#	10 p1599 A67-23815	11 p1774 A67-23860
10 p1675 A67-23681 #	10 p1734 A67-23726 #	10 p1730 A67-23771*#	10 p1599 A67-23816 #	11 p1774 A67-23861
10 p1681 A67-23682 #	10 p1734 A67-23727*#	10 p1696 A67-23772 #	10 p1600 A67-23817*	11 p1825 A67-23862*
10 p1721 A67-23683 #	10 p1734 A67-23728*#	10 p1696 A67-23773 #	10 p1600 A67-23818 #	11 p1774 A67-23863
10 p1628 A67-23684 #	10 p1735 A67-23729*#	10 p1696 A67-23774 #	10 p1600 A67-23819	11 p1775 A67-23864
10 p1721 A67-23685 #	10 p1726 A67-23730 #	10 p1696 A67-23775 #	10 p1601 A67-23820	11 p1775 A67-23865*
10 p1721 A67-23686 #	10 p1661 A67-23731 #	10 p1667 A67-23776 #	10 p1600 A67-23821 #	11 p1775 A67-23866
10 p1593 A67-23687 #	10 p1727 A67-23732 #	10 p1686 A67-23777 #	10 p1600 A67-23822	11 p1825 A67-23867
10 p1735 A67-23688 #	10 p1662 A67-23733 #	10 p1667 A67-23778 #	10 p1602 A67-23823*	11 p1825 A67-23868
10 p1698 A67-23689	10 p1713 A67-23734 #	10 p1667 A67-23779 #	10 p1600 A67-23824	11 p1825 A67-23869
10 p1703 A67-23690	10 p1593 A67-23735 #	10 p1657 A67-23780*	10 p1602 A67-23825	11 p1825 A67-23870
10 p1696 A67-23691	10 p1595 A67-23736 #	10 p1658 A67-23781*	10 p1600 A67-23826	11 p1826 A67-23871
10 p1696 A67-23692	10 p1628 A67-23737 #	10 p1667 A67-23782	10 p1600 A67-23827 #	11 p1826 A67-23872
10 p1661 A67-23693	10 p1727 A67-23738*#	10 p1658 A67-23783	10 p1601 A67-23828 #	11 p1826 A67-23873
10 p1696 A67-23694	10 p1608 A67-23739 #	10 p1658 A67-23784*	10 p1730 A67-23829 #	11 p1826 A67-23874
10 p1657 A67-23695	10 p1670 A67-23740*#	10 p1658 A67-23785	10 p1628 A67-23830*#	11 p1826 A67-23875
10 p1721 A67-23696	10 p1713 A67-23741*#	10 p1658 A67-23786	10 p1629 A67-23831 #	11 p1826 A67-23876
10 p1723 A67-23697 #	10 p1670 A67-23742 #	10 p1658 A67-23787	10 p1629 A67-23832 #	11 p1826 A67-23877
10 p1723 A67-23698 #	10 p1672 A67-23743*#	10 p1658 A67-23788*	10 p1687 A67-23833 #	11 p1775 A67-23878
10 p1723 A67-23699*#	10 p1671 A67-23744*#	10 p1658 A67-23789	10 p1730 A67-23834 #	11 p1775 A67-23879
10 p1713 A67-23700*#	10 p1727 A67-23745 #	10 p1711 A67-23790*	10 p1730 A67-23835*#	11 p1881 A67-23880
10 p1670 A67-23701*#	10 p1672 A67-23746 #	10 p1711 A67-23791	10 p1730 A67-23836 #	11 p1826 A67-23881*
10 p1661 A67-23702*#	10 p1673 A67-23747*#	10 p1675 A67-23792*	10 p1730 A67-23837 #	11 p1827 A67-23882
10 p1661 A67-23703 #	10 p1673 A67-23748 #	10 p1667 A67-23793 #	10 p1730 A67-23838 #	11 p1827 A67-23883
10 p1671 A67-23704 #	10 p1713 A67-23749*#	10 p1687 A67-23794 #	10 p1730 A67-23839 #	11 p1827 A67-23884*
10 p1671 A67-23705 #	10 p1713 A67-23750 #	10 p1711 A67-23795	10 p1731 A67-23840 #	11 p1827 A67-23885
10 p1724 A67-23706 #	10 p1727 A67-23751*#	10 p1711 A67-23796	10 p1731 A67-23841 #	11 p1827 A67-23886*
10 p1724 A67-23707 #	10 p1710 A67-23752*#	10 p1711 A67-23797	10 p1629 A67-23842 #	11 p1827 A67-23887
10 p1724 A67-23708 #	10 p1727 A67-23753*#	10 p1703 A67-23798	10 p1731 A67-23843 #	11 p1827 A67-23888
10 p1724 A67-23709 #	10 p1714 A67-23754 #	10 p1703 A67-23799*	10 p1731 A67-23844 #	11 p1827 A67-23889
10 p1724 A67-23710 #	10 p1714 A67-23755*#	10 p1711 A67-23800	10 p1629 A67-23845 #	11 p1827 A67-23890

ACCESSION NUMBER INDEX

11 p1828 A67-23891	11 p1784 A67-23936 #	11 p1851 A67-23981 #	11 p1832 A67-24026 #	11 p1751 A67-24071
11 p1828 A67-23892	11 p1784 A67-23937 #	11 p1811 A67-23982	11 p1832 A67-24027 #	11 p1786 A67-24072
11 p1828 A67-23893	11 p1785 A67-23938 #	11 p1745 A67-23983	11 p1881 A67-24028 #	11 p1786 A67-24073
11 p1828 A67-23894	11 p1785 A67-23939 #	11 p1758 A67-23984	11 p1881 A67-24029 #	11 p1856 A67-24074
11 p1828 A67-23895	11 p1828 A67-23940 #	11 p1758 A67-23985	11 p1882 A67-24030 #	11 p1856 A67-24075
11 p1870 A67-23896 #	11 p1869 A67-23941*#	11 p1789 A67-23986	11 p1882 A67-24031 #	11 p1869 A67-24076
11 p1870 A67-23897 #	11 p1857 A67-23942*#	11 p1884 A67-23987	11 p1741 A67-24032 #	11 p1869 A67-24077
11 p1881 A67-23898 #	11 p1785 A67-23943*#	11 p1885 A67-23988	11 p1822 A67-24033 #	11 p1786 A67-24078
11 p1783 A67-23899 #	11 p1855 A67-23944 #	11 p1746 A67-23989*	11 p1832 A67-24034 #	11 p1789 A67-24079
11 p1810 A67-23900 #	11 p1785 A67-23945 #	11 p1748 A67-23990*	11 p1804 A67-24035 #	11 p1748 A67-24080
11 p1804 A67-23901 #	11 p1785 A67-23946 #	11 p1746 A67-23991*	11 p1882 A67-24036 #	11 p1747 A67-24081
11 p1804 A67-23902 #	11 p1785 A67-23947 #	11 p1845 A67-23992 #	11 p1804 A67-24037 #	11 p1869 A67-24082
11 p1804 A67-23903 #	11 p1755 A67-23948	11 p1743 A67-23993*	11 p1743 A67-24038 #	11 p1816 A67-24083
11 p1804 A67-23904 #	11 p1755 A67-23949	11 p1858 A67-23994	11 p1743 A67-24039 #	11 p1751 A67-24084
11 p1810 A67-23905 #	11 p1755 A67-23950	11 p1858 A67-23995*	11 p1795 A67-24040 #	11 p1818 A67-24085
11 p1769 A67-23906 #	11 p1755 A67-23951	11 p1858 A67-23996*	11 p1775 A67-24041	11 p1871 A67-24086
11 p1757 A67-23907 #	11 p1755 A67-23952	11 p1828 A67-23997	11 p1776 A67-24042	11 p1812 A67-24087
11 p1750 A67-23908 #	11 p1845 A67-23953	11 p1829 A67-23998	11 p1776 A67-24043	11 p1871 A67-24088
11 p1757 A67-23909 #	11 p1815 A67-23954 #	11 p1829 A67-23999	11 p1776 A67-24044	11 p1818 A67-24089
11 p1750 A67-23910 #	11 p1815 A67-23955 #	11 p1829 A67-24000	11 p1776 A67-24045	11 p1795 A67-24090
11 p1757 A67-23911 #	11 p1785 A67-23956 #	11 p1829 A67-24001*	11 p1776 A67-24046	11 p1741 A67-24091 #
11 p1757 A67-23912 #	11 p1785 A67-23957 #	11 p1829 A67-24002	11 p1741 A67-24047	11 p1869 A67-24092 #
11 p1750 A67-23913 #	11 p1785 A67-23958 #	11 p1829 A67-24003	11 p1776 A67-24048	11 p1869 A67-24093 #
11 p1751 A67-23914 #	11 p1821 A67-23959*	11 p1830 A67-24004	11 p1776 A67-24049	11 p1758 A67-24094 #
11 p1751 A67-23915 #	11 p1821 A67-23960	11 p1830 A67-24005	11 p1741 A67-24050	11 p1858 A67-24095 #
11 p1757 A67-23916 #	11 p1821 A67-23961*	11 p1830 A67-24006	11 p1777 A67-24051	11 p1817 A67-24096
11 p1757 A67-23917 #	11 p1821 A67-23962*	11 p1830 A67-24007	11 p1817 A67-24052 #	11 p1743 A67-24097
11 p1804 A67-23918	11 p1788 A67-23963	11 p1830 A67-24008	11 p1772 A67-24053 #	11 p1812 A67-24098
11 p1746 A67-23919*	11 p1871 A67-23964	11 p1830 A67-24009	11 p1811 A67-24054 #	11 p1812 A67-24099
11 p1749 A67-23920*	11 p1788 A67-23965*	11 p1831 A67-24010	11 p1832 A67-24055	11 p1812 A67-24100
11 p1795 A67-23921	11 p1812 A67-23966*	11 p1831 A67-24011	11 p1769 A67-24056	11 p1741 A67-24101 #
11 p1783 A67-23922*#	11 p1751 A67-23967 #	11 p1831 A67-24012	11 p1832 A67-24057	11 p1818 A67-24102
11 p1783 A67-23923 #	11 p1751 A67-23968 #	11 p1858 A67-24013	11 p1858 A67-24058	11 p1789 A67-24103
11 p1783 A67-23924 #	11 p1751 A67-23969 #	11 p1856 A67-24014	11 p1786 A67-24059	11 p1856 A67-24104
11 p1855 A67-23925*#	11 p1751 A67-23970*#	11 p1831 A67-24015 #	11 p1758 A67-24060 #	11 p1856 A67-24105
11 p1784 A67-23926 #	11 p1751 A67-23971 #	11 p1831 A67-24016 #	11 p1758 A67-24061 #	11 p1799 A67-24106
11 p1784 A67-23927*#	11 p1757 A67-23972 #	11 p1775 A67-24017 #	11 p1769 A67-24062	11 p1804 A67-24107*
11 p1784 A67-23928*#	11 p1757 A67-23973 #	11 p1822 A67-24018 #	11 p1747 A67-24063*	11 p1805 A67-24108
11 p1855 A67-23929*#	11 p1758 A67-23974 #	11 p1831 A67-24019 #	11 p1858 A67-24064	11 p1805 A67-24109
11 p1855 A67-23930 #	11 p1758 A67-23975 #	11 p1831 A67-24020 #	11 p1858 A67-24065*	11 p1805 A67-24110
11 p1857 A67-23931*#	11 p1749 A67-23976*	11 p1789 A67-24021 #	11 p1858 A67-24066	11 p1805 A67-24111
11 p1855 A67-23932*#	11 p1821 A67-23977*	11 p1881 A67-24022 #	11 p1869 A67-24067	11 p1858 A67-24112
11 p1784 A67-23933 #	11 p1822 A67-23978*	11 p1881 A67-24023 #	11 p1869 A67-24068	11 p1859 A67-24113
11 p1784 A67-23934 #	11 p1822 A67-23979*	11 p1831 A67-24024 #	11 p1856 A67-24069	11 p1859 A67-24114*
11 p1784 A67-23935 #	11 p1822 A67-23980*	11 p1881 A67-24025 #	11 p1751 A67-24070	11 p1758 A67-24115

ACCESSION NUMBER INDEX

11 p1786 A67-24116*	11 p1818 A67-24161 #	11 p1873 A67-24206 #	11 p1756 A67-24251 #	11 p1763 A67-24296
11 p1871 A67-24117	11 p1812 A67-24162 #	11 p1798 A67-24207 #	11 p1752 A67-24252*#	11 p1763 A67-24297*
11 p1871 A67-24118	11 p1818 A67-24163 #	11 p1812 A67-24208 #	11 p1756 A67-24253	11 p1763 A67-24298*
11 p1882 A67-24119	11 p1871 A67-24164 #	11 p1770 A67-24209 #	11 p1798 A67-24254	11 p1763 A67-24299
11 p1815 A67-24120 #	11 p1871 A67-24165 #	11 p1770 A67-24210 #	11 p1798 A67-24255	11 p1763 A67-24300
11 p1859 A67-24121 #	11 p1871 A67-24166 #	11 p1770 A67-24211 #	11 p1798 A67-24256	11 p1763 A67-24301
11 p1769 A67-24122	11 p1872 A67-24167 #	11 p1777 A67-24212	11 p1798 A67-24257	11 p1753 A67-24302
11 p1752 A67-24123	11 p1872 A67-24168 #	11 p1743 A67-24213	11 p1760 A67-24258	11 p1753 A67-24303
11 p1752 A67-24124	11 p1795 A67-24169 #	11 p1873 A67-24214	11 p1752 A67-24259	11 p1832 A67-24304
11 p1752 A67-24125	11 p1795 A67-24170 #	11 p1816 A67-24215	11 p1760 A67-24260	11 p1763 A67-24305
11 p1758 A67-24126	11 p1872 A67-24171 #	11 p1778 A67-24216	11 p1786 A67-24261	11 p1753 A67-24306
11 p1789 A67-24127	11 p1872 A67-24172 #	11 p1882 A67-24217	11 p1748 A67-24262*	11 p1753 A67-24307*
11 p1759 A67-24128	11 p1795 A67-24173*#	11 p1778 A67-24218	11 p1786 A67-24263	11 p1764 A67-24308
11 p1769 A67-24129	11 p1795 A67-24174*#	11 p1752 A67-24219	11 p1798 A67-24264	11 p1743 A67-24309
11 p1759 A67-24130	11 p1796 A67-24175 #	11 p1778 A67-24220	11 p1874 A67-24265	11 p1812 A67-24310
11 p1759 A67-24131	11 p1796 A67-24176 #	11 p1805 A67-24221	11 p1756 A67-24266	11 p1812 A67-24311
11 p1759 A67-24132	11 p1796 A67-24177 #	11 p1882 A67-24222	11 p1852 A67-24267 #	11 p1813 A67-24312*
11 p1845 A67-24133	11 p1796 A67-24178 #	11 p1859 A67-24223	11 p1772 A67-24268 #	11 p1813 A67-24313
11 p1752 A67-24134	11 p1796 A67-24179 #	11 p1874 A67-24224	11 p1760 A67-24269	11 p1874 A67-24314
11 p1845 A67-24135	11 p1796 A67-24180 #	11 p1874 A67-24225	11 p1752 A67-24270*	11 p1753 A67-24315
11 p1759 A67-24136	11 p1872 A67-24181 #	11 p1817 A67-24226	11 p1805 A67-24271*#	11 p1798 A67-24316*
11 p1759 A67-24137	11 p1872 A67-24182 #	11 p1851 A67-24227	11 p1742 A67-24272 #	11 p1859 A67-24317
11 p1759 A67-24138	11 p1872 A67-24183 #	11 p1874 A67-24228	11 p1778 A67-24273 #	11 p1818 A67-24318
11 p1759 A67-24139	11 p1872 A67-24184 #	11 p1882 A67-24229	11 p1745 A67-24274	11 p1882 A67-24319 #
11 p1845 A67-24140	11 p1796 A67-24185 #	11 p1778 A67-24230	11 p1760 A67-24275	11 p1779 A67-24320 #
11 p1845 A67-24141	11 p1797 A67-24186 #	11 p1760 A67-24231	11 p1770 A67-24276	11 p1779 A67-24321 #
11 p1845 A67-24142	11 p1797 A67-24187 #	11 p1760 A67-24232	11 p1760 A67-24277	11 p1779 A67-24322 #
11 p1759 A67-24143	11 p1797 A67-24188 #	11 p1747 A67-24233*	11 p1761 A67-24278	11 p1883 A67-24323 #
11 p1760 A67-24144	11 p1777 A67-24189 #	11 p1846 A67-24234	11 p1761 A67-24279	11 p1749 A67-24324 #
11 p1812 A67-24145 #	11 p1777 A67-24190*#	11 p1760 A67-24235	11 p1761 A67-24280	11 p1815 A67-24325
11 p1818 A67-24146 #	11 p1851 A67-24191 #	11 p1799 A67-24236	11 p1761 A67-24281	11 p1815 A67-24326 #
11 p1818 A67-24147 #	11 p1873 A67-24192 #	11 p1760 A67-24237	11 p1761 A67-24282	11 p1815 A67-24327 #
11 p1812 A67-24148 #	11 p1873 A67-24193*#	11 p1749 A67-24238 #	11 p1761 A67-24283*	11 p1815 A67-24328 #
11 p1812 A67-24149 #	11 p1777 A67-24194 #	11 p1799 A67-24239	11 p1761 A67-24284*	11 p1815 A67-24329 #
11 p1812 A67-24150 #	11 p1797 A67-24195 #	11 p1799 A67-24240	11 p1752 A67-24285	11 p1816 A67-24330 #
11 p1812 A67-24151 #	11 p1873 A67-24196 #	11 p1800 A67-24241	11 p1762 A67-24286	11 p1786 A67-24331 #
11 p1871 A67-24152 #	11 p1797 A67-24197 #	11 p1800 A67-24242	11 p1762 A67-24287	11 p1786 A67-24332 #
11 p1777 A67-24153 #	11 p1777 A67-24198 #	11 p1800 A67-24243*	11 p1762 A67-24288*	11 p1786 A67-24333 #
11 p1832 A67-24154 #	11 p1797 A67-24199 #	11 p1800 A67-24244	11 p1762 A67-24289	11 p1817 A67-24334*#
11 p1832 A67-24155 #	11 p1777 A67-24200 #	11 p1800 A67-24245	11 p1762 A67-24290	11 p1817 A67-24335*#
11 p1741 A67-24156 #	11 p1797 A67-24201 #	11 p1755 A67-24246 #	11 p1762 A67-24291	11 p1817 A67-24336 #
11 p1741 A67-24157 #	11 p1873 A67-24202 #	11 p1755 A67-24247 #	11 p1762 A67-24292	11 p1869 A67-24337*#
11 p1882 A67-24158 #	11 p1873 A67-24203 #	11 p1756 A67-24248*#	11 p1762 A67-24293	11 p1869 A67-24338 #
11 p1871 A67-24159 #	11 p1852 A67-24204 #	11 p1756 A67-24249*#	11 p1763 A67-24294	11 p1869 A67-24339 #
11 p1871 A67-24160 #	11 p1797 A67-24205 #	11 p1789 A67-24250 #	11 p1763 A67-24295	11 p1748 A67-24340*#

ACCESSION NUMBER INDEX

11 p1852 A67-24341 #	11 p1835 A67-24386 #	11 p1875 A67-24431*#	11 p1765 A67-24476 #	11 p1816 A67-24521
11 p1859 A67-24342*#	11 p1835 A67-24387 #	11 p1875 A67-24432 #	11 p1787 A67-24477 #	11 p1816 A67-24522 #
11 p1852 A67-24343*#	11 p1835 A67-24388 #	11 p1798 A67-24433*	11 p1765 A67-24478 #	11 p1816 A67-24523 #
11 p1773 A67-24344 #	11 p1836 A67-24389	11 p1764 A67-24434	11 p1818 A67-24479 #	11 p1852 A67-24524
11 p1805 A67-24345 #	11 p1836 A67-24390 #	11 p1764 A67-24435	11 p1765 A67-24480 #	11 p1852 A67-24525 #
11 p1773 A67-24346 #	11 p1836 A67-24391 #	11 p1859 A67-24436	11 p1765 A67-24481 #	11 p1853 A67-24526 #
11 p1742 A67-24347 #	11 p1836 A67-24392 #	11 p1745 A67-24437	11 p1846 A67-24482 #	11 p1853 A67-24527 #
11 p1743 A67-24348*#	11 p1837 A67-24393 #	11 p1859 A67-24438	11 p1860 A67-24483	11 p1853 A67-24528 #
11 p1773 A67-24349*#	11 p1837 A67-24394 #	11 p1753 A67-24439	11 p1860 A67-24484	11 p1853 A67-24529 #
11 p1742 A67-24350*#	11 p1837 A67-24395 #	11 p1753 A67-24440	11 p1860 A67-24485	11 p1744 A67-24530 #
11 p1773 A67-24351 #	11 p1837 A67-24396 #	11 p1870 A67-24441*	11 p1861 A67-24486	11 p1853 A67-24531 #
11 p1852 A67-24352 #	11 p1837 A67-24397 #	11 p1753 A67-24442	11 p1861 A67-24487*	11 p1779 A67-24532
11 p1786 A67-24353 #	11 p1786 A67-24398 #	11 p1764 A67-24443	11 p1861 A67-24488*	11 p1819 A67-24533
11 p1742 A67-24354*#	11 p1787 A67-24399 #	11 p1764 A67-24444	11 p1861 A67-24489	11 p1863 A67-24534
11 p1779 A67-24355 #	11 p1837 A67-24400 #	11 p1839 A67-24445	11 p1823 A67-24490*	11 p1773 A67-24535
11 p1883 A67-24356 #	11 p1837 A67-24401 #	11 p1790 A67-24446*	11 p1823 A67-24491*	11 p1780 A67-24536
11 p1859 A67-24357 #	11 p1838 A67-24402*#	11 p1790 A67-24447	11 p1861 A67-24492*	11 p1780 A67-24537
11 p1874 A67-24358 #	11 p1838 A67-24403 #	11 p1790 A67-24448*	11 p1861 A67-24493	11 p1823 A67-24538
11 p1743 A67-24359 #	11 p1838 A67-24404 #	11 p1790 A67-24449	11 p1861 A67-24494	11 p1780 A67-24539
11 p1805 A67-24360*	11 p1838 A67-24405 #	11 p1790 A67-24450	11 p1861 A67-24495*	11 p1780 A67-24540
11 p1806 A67-24361*	11 p1838 A67-24406 #	11 p1790 A67-24451	11 p1862 A67-24496	11 p1780 A67-24541
11 p1806 A67-24362	11 p1838 A67-24407 #	11 p1790 A67-24452	11 p1856 A67-24497	11 p1756 A67-24542
11 p1806 A67-24363	11 p1838 A67-24408 #	11 p1790 A67-24453*	11 p1862 A67-24498*	11 p1781 A67-24543*
11 p1806 A67-24364	11 p1789 A67-24409 #	11 p1790 A67-24454*	11 p1862 A67-24499*	11 p1839 A67-24544
11 p1806 A67-24365*	11 p1789 A67-24410 #	11 p1791 A67-24455	11 p1862 A67-24500*	11 p1823 A67-24545
11 p1779 A67-24366*#	11 p1838 A67-24411 #	11 p1791 A67-24456	11 p1862 A67-24501	11 p1839 A67-24546*
11 p1832 A67-24367	11 p1838 A67-24412 #	11 p1860 A67-24457	11 p1862 A67-24502*	11 p1839 A67-24547
11 p1833 A67-24368 #	11 p1789 A67-24413 #	11 p1860 A67-24458 #	11 p1862 A67-24503*	11 p1863 A67-24548*
11 p1833 A67-24369 #	11 p1789 A67-24414	11 p1791 A67-24459 #	11 p1856 A67-24504*	11 p1863 A67-24549*
11 p1833 A67-24370 #	11 p1818 A67-24415*	11 p1860 A67-24460 #	11 p1856 A67-24505*	11 p1839 A67-24550
11 p1833 A67-24371 #	11 p1822 A67-24416*	11 p1860 A67-24461*#	11 p1862 A67-24506	11 p1839 A67-24551*
11 p1833 A67-24372 #	11 p1822 A67-24417*#	11 p1860 A67-24462 #	11 p1862 A67-24507*	11 p1781 A67-24552
11 p1764 A67-24373 #	11 p1818 A67-24418*	11 p1860 A67-24463 #	11 p1863 A67-24508	11 p1745 A67-24553
11 p1834 A67-24374 #	11 p1800 A67-24419	11 p1787 A67-24464 #	11 p1863 A67-24509*	11 p1745 A67-24554
11 p1834 A67-24375 #	11 p1790 A67-24420*	11 p1764 A67-24465 #	11 p1863 A67-24510*	11 p1787 A67-24555 #
11 p1834 A67-24376 #	11 p1770 A67-24421	11 p1764 A67-24466 #	11 p1875 A67-24511	11 p1863 A67-24556 #
11 p1834 A67-24377 #	11 p1770 A67-24422	11 p1800 A67-24467 #	11 p1852 A67-24512	11 p1864 A67-24557*#
11 p1834 A67-24378 #	11 p1770 A67-24423*	11 p1800 A67-24468 #	11 p1817 A67-24513	11 p1864 A67-24558*#
11 p1834 A67-24379 #	11 p1839 A67-24424	11 p1764 A67-24469 #	11 p1791 A67-24514	11 p1864 A67-24559 #
11 p1834 A67-24380 #	11 p1839 A67-24425	11 p1765 A67-24470 #	11 p1765 A67-24515	11 p1801 A67-24560
11 p1834 A67-24381 #	11 p1770 A67-24426	11 p1846 A67-24471 #	11 p1798 A67-24516	11 p1840 A67-24561
11 p1835 A67-24382*#	11 p1806 A67-24427	11 p1846 A67-24472 #	11 p1813 A67-24517 #	11 p1840 A67-24562
11 p1835 A67-24383 #	11 p1806 A67-24428	11 p1765 A67-24473 #	11 p1813 A67-24518 #	11 p1846 A67-24563
11 p1835 A67-24384 #	11 p1874 A67-24429 #	11 p1765 A67-24474 #	11 p1813 A67-24519 #	11 p1864 A67-24564
11 p1835 A67-24385 #	11 p1874 A67-24430 #	11 p1765 A67-24475 #	11 p1813 A67-24520 #	11 p1864 A67-24565

ACCESSION NUMBER INDEX

11 p1806 A67-24566	11 p1875 A67-24611	11 p1885 A67-24656	11 p1876 A67-24701 #	11 p1848 A67-24746
11 p1807 A67-24567 #	11 p1875 A67-24612	11 p1782 A67-24657	11 p1767 A67-24702	11 p1848 A67-24747
11 p1807 A67-24568 #	11 p1875 A67-24613	11 p1742 A67-24658	11 p1807 A67-24703 #	11 p1853 A67-24748
11 p1781 A67-24569	11 p1875 A67-24614	11 p1742 A67-24659	11 p1808 A67-24704 #	11 p1813 A67-24749
11 p1781 A67-24570	11 p1811 A67-24615	11 p1876 A67-24660	11 p1744 A67-24705	11 p1877 A67-24750
11 p1781 A67-24571	11 p1876 A67-24616	11 p1883 A67-24661	11 p1870 A67-24706	11 p1770 A67-24751
11 p1875 A67-24572	11 p1857 A67-24617	11 p1847 A67-24662	11 p1817 A67-24707	11 p1767 A67-24752
11 p1781 A67-24573	11 p1846 A67-24618 #	11 p1840 A67-24663	11 p1756 A67-24708	11 p1840 A67-24753
11 p1781 A67-24574	11 p1791 A67-24619 #	11 p1801 A67-24664*	11 p1756 A67-24709*	11 p1802 A67-24754
11 p1883 A67-24575	11 p1840 A67-24620	11 p1801 A67-24665	11 p1757 A67-24710	11 p1816 A67-24755
11 p1883 A67-24576*	11 p1819 A67-24621	11 p1819 A67-24666*	11 p1791 A67-24711*	11 p1857 A67-24756
11 p1773 A67-24577 #	11 p1876 A67-24622	11 p1801 A67-24667	11 p1791 A67-24712*	11 p1819 A67-24757
11 p1744 A67-24578 #	11 p1876 A67-24623	11 p1791 A67-24668	11 p1791 A67-24713*	11 p1877 A67-24758
11 p1744 A67-24579 #	11 p1876 A67-24624	11 p1782 A67-24669 #	11 p1792 A67-24714	11 p1782 A67-24759
11 p1840 A67-24580	11 p1765 A67-24625	11 p1840 A67-24670 #	11 p1801 A67-24715*	11 p1782 A67-24760
11 p1864 A67-24581	11 p1747 A67-24626	11 p1840 A67-24671 #	11 p1767 A67-24716	11 p1742 A67-24761
11 p1846 A67-24582 #	11 p1766 A67-24627	11 p1883 A67-24672 #	11 p1801 A67-24717	11 p1819 A67-24762
11 p1846 A67-24583 #	11 p1766 A67-24628	11 p1782 A67-24673 #	11 p1754 A67-24718	11 p1819 A67-24763
11 p1846 A67-24584*#	11 p1749 A67-24629	11 p1870 A67-24674 #	11 p1754 A67-24719	11 p1792 A67-24764
11 p1846 A67-24585 #	11 p1853 A67-24630 #	11 p1819 A67-24675 #	11 p1847 A67-24720	11 p1802 A67-24765
11 p1807 A67-24586*	11 p1883 A67-24631 #	11 p1876 A67-24676 #	11 p1767 A67-24721	11 p1840 A67-24766
11 p1811 A67-24587	11 p1824 A67-24632*#	11 p1876 A67-24677 #	11 p1767 A67-24722	11 p1841 A67-24767
11 p1875 A67-24588*	11 p1857 A67-24633 #	11 p1813 A67-24678 #	11 p1870 A67-24723	11 p1841 A67-24768
11 p1744 A67-24589 #	11 p1807 A67-24634	11 p1876 A67-24679 #	11 p1754 A67-24724	11 p1841 A67-24769
11 p1744 A67-24590 #	11 p1807 A67-24635	11 p1876 A67-24680 #	11 p1754 A67-24725	11 p1866 A67-24770
11 p1744 A67-24591 #	11 p1807 A67-24636	11 p1876 A67-24681 #	11 p1767 A67-24726	11 p1788 A67-24771
11 p1773 A67-24592 #	11 p1811 A67-24637	11 p1876 A67-24682 #	11 p1801 A67-24727	11 p1808 A67-24772
11 p1787 A67-24593 #	11 p1807 A67-24638	11 p1791 A67-24683 #	11 p1801 A67-24728	11 p1866 A67-24773
11 p1787 A67-24594 #	11 p1756 A67-24639	11 p1870 A67-24684 #	11 p1847 A67-24729	11 p1866 A67-24774*
11 p1787 A67-24595 #	11 p1773 A67-24640	11 p1870 A67-24685 #	11 p1813 A67-24730	11 p1866 A67-24775*
11 p1864 A67-24596*	11 p1811 A67-24641	11 p1819 A67-24686 #	11 p1767 A67-24731*	11 p1867 A67-24776*
11 p1819 A67-24597*	11 p1811 A67-24642*	11 p1742 A67-24687 #	11 p1767 A67-24732	11 p1768 A67-24777
11 p1823 A67-24598	11 p1787 A67-24643 #	11 p1782 A67-24688 #	11 p1767 A67-24733*	11 p1792 A67-24778
11 p1823 A67-24599*	11 p1787 A67-24644 #	11 p1766 A67-24689	11 p1847 A67-24734	11 p1867 A67-24779
11 p1864 A67-24600	11 p1766 A67-24645 #	11 p1766 A67-24690	11 p1801 A67-24735	11 p1788 A67-24780 #
11 p1865 A67-24601	11 p1753 A67-24646 #	11 p1766 A67-24691	11 p1847 A67-24736	11 p1782 A67-24781 #
11 p1865 A67-24602*	11 p1766 A67-24647 #	11 p1866 A67-24692	11 p1802 A67-24737	11 p1792 A67-24782 #
11 p1865 A67-24603	11 p1754 A67-24648 #	11 p1866 A67-24693	11 p1847 A67-24738	11 p1819 A67-24783 #
11 p1865 A67-24604	11 p1801 A67-24649 #	11 p1866 A67-24694	11 p1847 A67-24739	11 p1750 A67-24784*
11 p1857 A67-24605	11 p1766 A67-24650 #	11 p1866 A67-24695	11 p1848 A67-24740	11 p1747 A67-24785*
11 p1865 A67-24606	11 p1754 A67-24651 #	11 p1866 A67-24696	11 p1802 A67-24741	11 p1747 A67-24786*
11 p1865 A67-24607*	11 p1840 A67-24652 #	11 p1788 A67-24697	11 p1848 A67-24742	11 p1813 A67-24787*
11 p1865 A67-24608*	11 p1885 A67-24653	11 p1788 A67-24698	11 p1848 A67-24743	11 p1749 A67-24788*
11 p1865 A67-24609*	11 p1799 A67-24654	11 p1788 A67-24699	11 p1802 A67-24744	11 p1808 A67-24789*#
11 p1865 A67-24610	11 p1885 A67-24655	11 p1788 A67-24700	11 p1802 A67-24745	11 p1808 A67-24790 #

ACCESSION NUMBER INDEX

11 p1799 A67-24791 #	11 p1803 A67-24836	11 p1878 A67-24881 #	11 p1768 A67-24926	11 p1843 A67-24971 #
11 p1853 A67-24792 #	11 p1793 A67-24837	11 p1879 A67-24882 #	11 p1794 A67-24927*	11 p1843 A67-24972 #
11 p1808 A67-24793 #	11 p1867 A67-24838*	11 p1879 A67-24883 #	11 p1841 A67-24928	11 p1843 A67-24973 #
11 p1745 A67-24794 #	11 p1867 A67-24839	11 p1879 A67-24884 #	11 p1820 A67-24929	11 p1821 A67-24974 #
11 p1744 A67-24795 #	11 p1816 A67-24840	11 p1879 A67-24885 #	11 p1820 A67-24930	11 p1851 A67-24975 #
11 p1854 A67-24796 #	11 p1803 A67-24841	11 p1879 A67-24886 #	11 p1803 A67-24931	11 p1773 A67-24976
11 p1745 A67-24797*#	11 p1883 A67-24842	11 p1879 A67-24887 #	11 p1803 A67-24932	11 p1814 A67-24977 #
11 p1746 A67-24798 #	11 p1867 A67-24843 #	11 p1879 A67-24888 #	11 p1850 A67-24933	11 p1814 A67-24978 #
11 p1854 A67-24799 #	11 p1867 A67-24844 #	11 p1770 A67-24889*	11 p1824 A67-24934 #	11 p1814 A67-24979 #
11 p1854 A67-24800 #	11 p1867 A67-24845 #	11 p1770 A67-24890	11 p1820 A67-24935	11 p1772 A67-24980 #
11 p1808 A67-24801 #	11 p1867 A67-24846 #	11 p1771 A67-24891	11 p1820 A67-24936	11 p1754 A67-24981 #
11 p1854 A67-24802 #	11 p1868 A67-24847 #	11 p1771 A67-24892*	11 p1747 A67-24937	11 p1768 A67-24982 #
11 p1854 A67-24803 #	11 p1868 A67-24848 #	11 p1771 A67-24893	11 p1773 A67-24938	11 p1772 A67-24983 #
11 p1854 A67-24804 #	11 p1813 A67-24849 #	11 p1771 A67-24894	11 p1745 A67-24939 #	11 p1772 A67-24984 #
11 p1854 A67-24805 #	11 p1813 A67-24850 #	11 p1771 A67-24895*	11 p1773 A67-24940*	11 p1754 A67-24985 #
11 p1742 A67-24806 #	11 p1814 A67-24851 #	11 p1771 A67-24896	11 p1879 A67-24941	11 p1754 A67-24986 #
11 p1854 A67-24807 #	11 p1814 A67-24852 #	11 p1771 A67-24897*	11 p1814 A67-24942	11 p1754 A67-24987 #
11 p1742 A67-24808 #	11 p1877 A67-24853 #	11 p1772 A67-24898*	11 p1768 A67-24943	11 p1768 A67-24988 #
11 p1744 A67-24809 #	11 p1841 A67-24854 #	11 p1849 A67-24899	11 p1883 A67-24944	11 p1884 A67-24989
11 p1855 A67-24810 #	11 p1824 A67-24855 #	11 p1849 A67-24900	11 p1809 A67-24945 #	11 p1884 A67-24990
11 p1808 A67-24811 #	11 p1808 A67-24856 #	11 p1883 A67-24901	11 p1841 A67-24946	11 p1750 A67-24991*
11 p1792 A67-24812	11 p1878 A67-24857 #	11 p1849 A67-24902	11 p1809 A67-24947 #	11 p1821 A67-24992*
11 p1792 A67-24813	11 p1768 A67-24858 #	11 p1794 A67-24903*	11 p1809 A67-24948 #	11 p1824 A67-24993*
11 p1792 A67-24814	11 p1768 A67-24859 #	11 p1849 A67-24904	11 p1809 A67-24949 #	11 p1824 A67-24994
11 p1877 A67-24815	11 p1878 A67-24860 #	11 p1820 A67-24905	11 p1842 A67-24950 #	11 p1750 A67-24995
11 p1877 A67-24816	11 p1768 A67-24861 #	11 p1849 A67-24906	11 p1842 A67-24951 #	11 p1824 A67-24996*
11 p1877 A67-24817	11 p1793 A67-24862 #	11 p1841 A67-24907	11 p1842 A67-24952 #	11 p1843 A67-24997
11 p1877 A67-24818	11 p1793 A67-24863 #	11 p1809 A67-24908	11 p1842 A67-24953 #	11 p1803 A67-24998
11 p1877 A67-24819	11 p1793 A67-24864 #	11 p1820 A67-24909*	11 p1782 A67-24954 #	11 p1851 A67-24999
11 p1792 A67-24820*	11 p1793 A67-24865 #	11 p1850 A67-24910	11 p1782 A67-24955 #	11 p1857 A67-25000
11 p1792 A67-24821*	11 p1793 A67-24866 #	11 p1803 A67-24911	11 p1884 A67-24956 #	11 p1783 A67-25001
11 p1793 A67-24822	11 p1868 A67-24867 #	11 p1850 A67-24912	11 p1884 A67-24957 #	11 p1879 A67-25002
11 p1768 A67-24823	11 p1848 A67-24868 #	11 p1820 A67-24913	11 p1884 A67-24958 #	11 p1750 A67-25003
11 p1799 A67-24824	11 p1841 A67-24869 #	11 p1746 A67-24914*	11 p1782 A67-24959 #	11 p1809 A67-25004
11 p1793 A67-24825	11 p1849 A67-24870 #	11 p1809 A67-24915*	11 p1743 A67-24960 #	11 p1794 A67-25005
11 p1793 A67-24826*	11 p1849 A67-24871 #	11 p1850 A67-24916	11 p1782 A67-24961 #	11 p1870 A67-25006
11 p1877 A67-24827	11 p1868 A67-24872*	11 p1850 A67-24917	11 p1743 A67-24962 #	11 p1754 A67-25007
11 p1793 A67-24828*	11 p1868 A67-24873	11 p1850 A67-24918	11 p1842 A67-24963 #	11 p1811 A67-25008
11 p1802 A67-24829	11 p1746 A67-24874 #	11 p1820 A67-24919*	11 p1842 A67-24964 #	11 p1855 A67-25009
11 p1802 A67-24830*	11 p1878 A67-24875 #	11 p1809 A67-24920	11 p1842 A67-24965 #	11 p1768 A67-25010
11 p1793 A67-24831	11 p1878 A67-24876 #	11 p1820 A67-24921*	11 p1842 A67-24966 #	11 p1749 A67-25011
11 p1803 A67-24832	11 p1878 A67-24877 #	11 p1820 A67-24922*	11 p1842 A67-24967 #	11 p1774 A67-25012
11 p1803 A67-24833*	11 p1878 A67-24878 #	11 p1746 A67-24923	11 p1843 A67-24968 #	11 p1746 A67-25013
11 p1803 A67-24834	11 p1878 A67-24879 #	11 p1850 A67-24924	11 p1843 A67-24969 #	11 p1774 A67-25014
11 p1848 A67-24835	11 p1878 A67-24880 #	11 p1850 A67-24925	11 p1843 A67-24970 #	11 p1843 A67-25015

ACCESSION NUMBER INDEX

11 p1843 A67-25016	11 p1795 A67-25061	12 p1990 A67-25106	12 p1978 A67-25151	12 p1939 A67-25196
11 p1843 A67-25017	11 p1844 A67-25062*#	12 p2000 A67-25107	12 p1931 A67-25152	12 p1951 A67-25197
11 p1843 A67-25018	11 p1817 A67-25063*	12 p1931 A67-25108	12 p1978 A67-25153	12 p1969 A67-25198
11 p1843 A67-25019	11 p1748 A67-25064	12 p1991 A67-25109	12 p1978 A67-25154	12 p1969 A67-25199
11 p1844 A67-25020	11 p1748 A67-25065*	12 p1931 A67-25110	12 p1978 A67-25155	12 p1951 A67-25200
11 p1844 A67-25021	11 p1750 A67-25066	12 p1991 A67-25111	12 p1951 A67-25156	12 p1980 A67-25201
11 p1844 A67-25022	11 p1814 A67-25067	12 p1931 A67-25112	12 p1978 A67-25157	12 p1980 A67-25202
11 p1844 A67-25023	11 p1783 A67-25068	12 p1991 A67-25113	12 p1978 A67-25158	12 p1919 A67-25203
11 p1844 A67-25024	11 p1821 A67-25069	12 p1991 A67-25114	12 p1978 A67-25159	12 p2000 A67-25204*
11 p1755 A67-25025	11 p1783 A67-25070	12 p1991 A67-25115	12 p1979 A67-25160	12 p1993 A67-25205
11 p1746 A67-25026	11 p1844 A67-25071	12 p1992 A67-25116	12 p1979 A67-25161	12 p2000 A67-25206*
11 p1851 A67-25027	11 p1804 A67-25072	12 p1931 A67-25117	12 p1951 A67-25162	12 p2000 A67-25207
11 p1794 A67-25028	11 p1880 A67-25073	12 p1992 A67-25118	12 p1979 A67-25163	12 p1932 A67-25208
11 p1844 A67-25029	11 p1824 A67-25074*	12 p1992 A67-25119	12 p1979 A67-25164	12 p1951 A67-25209
11 p1769 A67-25030*#	11 p1844 A67-25075	12 p1992 A67-25120	12 p1979 A67-25165	12 p1964 A67-25210
11 p1857 A67-25031 #	11 p1844 A67-25076	12 p1896 A67-25121	12 p1979 A67-25166	12 p2000 A67-25211
11 p1851 A67-25032 #	11 p1824 A67-25077	12 p1920 A67-25122	12 p1979 A67-25167	12 p2011 A67-25212
11 p1851 A67-25033 #	11 p1824 A67-25078	12 p1992 A67-25123	12 p1979 A67-25168	12 p1891 A67-25213
11 p1844 A67-25034 #	11 p1825 A67-25079	12 p2000 A67-25124	12 p1979 A67-25169	12 p1988 A67-25214
11 p1747 A67-25035	11 p1755 A67-25080	12 p1965 A67-25125 #	12 p1902 A67-25170 #	12 p2033 A67-25215
11 p1748 A67-25036	11 p1772 A67-25081	12 p1965 A67-25126 #	12 p1902 A67-25171 #	12 p1904 A67-25216*
11 p1769 A67-25037 #	11 p1772 A67-25082	12 p1954 A67-25127 #	12 p1901 A67-25172 #	12 p2033 A67-25217
11 p1769 A67-25038 #	11 p1868 A67-25083 #	12 p1909 A67-25128	12 p1902 A67-25173 #	12 p1948 A67-25218
11 p1772 A67-25039 #	11 p1868 A67-25084 #	12 p1992 A67-25129 #	12 p1902 A67-25174 #	12 p2001 A67-25219
11 p1794 A67-25040 #	11 p1868 A67-25085 #	12 p1992 A67-25130 #	12 p1901 A67-25175 #	12 p2001 A67-25220
11 p1772 A67-25041 #	11 p1868 A67-25086 #	12 p1993 A67-25131 #	12 p1902 A67-25176 #	12 p2001 A67-25221
11 p1769 A67-25042 #	11 p1868 A67-25087 #	12 p1993 A67-25132 #	12 p1979 A67-25177 #	12 p2001 A67-25222*
11 p1794 A67-25043 #	11 p1868 A67-25088 #	12 p2000 A67-25133 #	12 p1979 A67-25178 #	12 p2001 A67-25223
11 p1794 A67-25044 #	11 p1810 A67-25089	12 p1993 A67-25134 #	12 p1979 A67-25179 #	12 p2001 A67-25224
11 p1794 A67-25045 #	11 p1880 A67-25090 #	12 p2000 A67-25135 #	12 p1980 A67-25180 #	12 p2001 A67-25225*
11 p1794 A67-25046 #	11 p1810 A67-25091*#	12 p1965 A67-25136 #	12 p1980 A67-25181 #	12 p2001 A67-25226
11 p1884 A67-25047 #	11 p1810 A67-25092 #	12 p2000 A67-25137 #	12 p1980 A67-25182 #	12 p1993 A67-25227
11 p1814 A67-25048 #	11 p1810 A67-25093 #	12 p1948 A67-25138	12 p1980 A67-25183 #	12 p1993 A67-25228
11 p1814 A67-25049 #	11 p1869 A67-25094	12 p1978 A67-25139	12 p1896 A67-25184	12 p1964 A67-25229 #
11 p1814 A67-25050 #	11 p1880 A67-25095 #	12 p1954 A67-25140	12 p1988 A67-25185	12 p1909 A67-25230 #
11 p1794 A67-25051 #	11 p1881 A67-25096 #	12 p1954 A67-25141	12 p1988 A67-25186	12 p1939 A67-25231 #
11 p1783 A67-25052 #	11 p1844 A67-25097	12 p1891 A67-25142	12 p1938 A67-25187	12 p2002 A67-25232*#
11 p1879 A67-25053 #	11 p1845 A67-25098	12 p1966 A67-25143	12 p1938 A67-25188	12 p2002 A67-25233*#
11 p1880 A67-25054 #	11 p1881 A67-25099	12 p1966 A67-25144	12 p1932 A67-25189	12 p2040 A67-25234 #
11 p1884 A67-25055 #	11 p1855 A67-25100	12 p1966 A67-25145	12 p1932 A67-25190	12 p2040 A67-25235 #
11 p1880 A67-25056 #	11 p1870 A67-25101	12 p1966 A67-25146	12 p1932 A67-25191	12 p1980 A67-25236
11 p1880 A67-25057 #	11 p1885 A67-25102	12 p1951 A67-25147	12 p1969 A67-25192	12 p1939 A67-25237 #
11 p1880 A67-25058	11 p1810 A67-25103	12 p1951 A67-25148	12 p1969 A67-25193	12 p1980 A67-25238 #
11 p1880 A67-25059	12 p1896 A67-25104	12 p1978 A67-25149	12 p1969 A67-25194	12 p1981 A67-25239 #
11 p1795 A67-25060	12 p1978 A67-25105*#	12 p1896 A67-25150	12 p1969 A67-25195	12 p1981 A67-25240 #

ACCESSION NUMBER INDEX

12 p1981 A67-25241 #	12 p1948 A67-25286	12 p1952 A67-25331 #	12 p1897 A67-25376 #	12 p2015 A67-25421
12 p1939 A67-25242 #	12 p1948 A67-25287	12 p1939 A67-25332 #	12 p1897 A67-25377 #	12 p2015 A67-25422
12 p1981 A67-25243 #	12 p1948 A67-25288	12 p1952 A67-25333 #	12 p1897 A67-25378 #	12 p2016 A67-25423
12 p1981 A67-25244 #	12 p1954 A67-25289	12 p1971 A67-25334	12 p1897 A67-25379 #	12 p2016 A67-25424
12 p1981 A67-25245 #	12 p1970 A67-25290 #	12 p1939 A67-25335	12 p1898 A67-25380 #	12 p2016 A67-25425
12 p1969 A67-25246	12 p1970 A67-25291 #	12 p1952 A67-25336	12 p1898 A67-25381 #	12 p1914 A67-25426
12 p1969 A67-25247	12 p1954 A67-25292 #	12 p1940 A67-25337	12 p1898 A67-25382 #	12 p1903 A67-25427
12 p1969 A67-25248	12 p1966 A67-25293 #	12 p1963 A67-25338 #	12 p1963 A67-25383*#	12 p1903 A67-25428
12 p1970 A67-25249	12 p1912 A67-25294	12 p1963 A67-25339 #	12 p1972 A67-25384*#	12 p1903 A67-25429
12 p1970 A67-25250	12 p1951 A67-25295	12 p1963 A67-25340 #	12 p1892 A67-25385 #	12 p1903 A67-25430
12 p1970 A67-25251	12 p1952 A67-25296	12 p1932 A67-25341 #	12 p1972 A67-25386 #	12 p1940 A67-25431
12 p1966 A67-25252*	12 p1952 A67-25297	12 p1932 A67-25342 #	12 p1898 A67-25387 #	12 p1968 A67-25432
12 p1970 A67-25253	12 p1912 A67-25298	12 p1963 A67-25343 #	12 p1898 A67-25388 #	12 p1940 A67-25433*#
12 p1970 A67-25254	12 p1913 A67-25299	12 p1954 A67-25344	12 p1898 A67-25389 #	12 p1960 A67-25434 #
12 p1970 A67-25255	12 p1913 A67-25300	12 p1927 A67-25345	12 p1899 A67-25390 #	12 p2016 A67-25435 #
12 p1939 A67-25256	12 p1913 A67-25301	12 p2034 A67-25346	12 p1972 A67-25391 #	12 p1952 A67-25436 #
12 p1960 A67-25257	12 p1913 A67-25302	12 p1891 A67-25347	12 p1973 A67-25392 #	12 p1952 A67-25437 #
12 p1960 A67-25258	12 p1904 A67-25303	12 p1891 A67-25348	12 p1973 A67-25393 #	12 p1914 A67-25438 #
12 p2013 A67-25259	12 p1913 A67-25304	12 p1891 A67-25349	12 p1973 A67-25394 #	12 p1955 A67-25439 #
12 p1910 A67-25260	12 p1913 A67-25305	12 p1892 A67-25350	12 p1973 A67-25395 #	12 p1960 A67-25440 #
12 p1970 A67-25261	12 p1913 A67-25306	12 p1927 A67-25351	12 p1973 A67-25396 #	12 p1961 A67-25441 #
12 p1896 A67-25262	12 p1913 A67-25307	12 p1940 A67-25352	12 p1973 A67-25397 #	12 p1961 A67-25442 #
12 p1910 A67-25263	12 p1904 A67-25308	12 p1928 A67-25353	12 p1973 A67-25398*#	12 p1892 A67-25443 #
12 p1910 A67-25264	12 p1914 A67-25309	12 p1988 A67-25354	12 p1974 A67-25399*#	12 p2016 A67-25444 #
12 p1910 A67-25265	12 p1914 A67-25310	12 p1928 A67-25355	12 p1974 A67-25400*#	12 p1953 A67-25445 #
12 p1910 A67-25266	12 p1914 A67-25311	12 p1928 A67-25356	12 p1974 A67-25401 #	12 p1953 A67-25446 #
12 p1911 A67-25267	12 p1960 A67-25312 #	12 p1928 A67-25357	12 p1974 A67-25402 #	12 p1974 A67-25447 #
12 p1911 A67-25268	12 p1960 A67-25313 #	12 p1954 A67-25358	12 p1989 A67-25403 #	12 p1955 A67-25448 #
12 p1948 A67-25269	12 p2033 A67-25314 #	12 p1955 A67-25359	12 p1974 A67-25404 #	12 p1982 A67-25449 #
12 p1911 A67-25270	12 p2033 A67-25315 #	12 p1955 A67-25360	12 p1899 A67-25405 #	12 p1982 A67-25450 #
12 p1911 A67-25271	12 p2033 A67-25316 #	12 p1966 A67-25361	12 p1920 A67-25406 #	12 p1982 A67-25451 #
12 p1911 A67-25272	12 p2033 A67-25317 #	12 p2013 A67-25362	12 p2013 A67-25407	12 p1982 A67-25452 #
12 p1911 A67-25273	12 p1891 A67-25318 #	12 p1993 A67-25363	12 p1949 A67-25408	12 p1982 A67-25453 #
12 p1911 A67-25274	12 p2033 A67-25319 #	12 p1952 A67-25364 #	12 p1949 A67-25409	12 p1953 A67-25454 #
12 p1912 A67-25275*	12 p1927 A67-25320 #	12 p1955 A67-25365	12 p1949 A67-25410	12 p1974 A67-25455 #
12 p1981 A67-25276 #	12 p1939 A67-25321 #	12 p1955 A67-25366	12 p1949 A67-25411	12 p1983 A67-25456 #
12 p2033 A67-25277	12 p1982 A67-25322 #	12 p1955 A67-25367	12 p2014 A67-25412	12 p1983 A67-25457 #
12 p1939 A67-25278 #	12 p1896 A67-25323 #	12 p1955 A67-25368	12 p2014 A67-25413	12 p1914 A67-25458 #
12 p1981 A67-25279 #	12 p1982 A67-25324 #	12 p1955 A67-25369	12 p2014 A67-25414	12 p1914 A67-25459 #
12 p1912 A67-25280 #	12 p1952 A67-25325 #	12 p1955 A67-25370	12 p2014 A67-25415	12 p2002 A67-25460 #
12 p1939 A67-25281 #	12 p1982 A67-25326 #	12 p1955 A67-25371	12 p2014 A67-25416	12 p1904 A67-25461
12 p1927 A67-25282	12 p1948 A67-25327	12 p1955 A67-25372	12 p2014 A67-25417	12 p1904 A67-25462
12 p1927 A67-25283	12 p1948 A67-25328	12 p1971 A67-25373	12 p2015 A67-25418	12 p1940 A67-25463
12 p2013 A67-25284 #	12 p1954 A67-25329	12 p1896 A67-25374 #	12 p2015 A67-25419	12 p1940 A67-25464
12 p1919 A67-25285 #	12 p1949 A67-25330	12 p1897 A67-25375*#	12 p2015 A67-25420	12 p1940 A67-25465*

ACCESSION NUMBER INDEX

12 p1940 A67-25466	12 p1899 A67-25511	12 p1941 A67-25556 #	12 p2024 A67-25601 #	12 p2002 A67-25646
12 p1941 A67-25467	12 p1983 A67-25512 #	12 p1966 A67-25557	12 p2024 A67-25602 #	12 p2002 A67-25647
12 p1904 A67-25468*	12 p1983 A67-25513 #	12 p1899 A67-25558	12 p2024 A67-25603 #	12 p1920 A67-25648
12 p1920 A67-25469	12 p1983 A67-25514 #	12 p1899 A67-25559	12 p2025 A67-25604 #	12 p1933 A67-25649
12 p1941 A67-25470	12 p1983 A67-25515 #	12 p1961 A67-25560	12 p2025 A67-25605 #	12 p1933 A67-25650
12 p1914 A67-25471	12 p1914 A67-25516 #	12 p2017 A67-25561	12 p2034 A67-25606 #	12 p1941 A67-25651
12 p2011 A67-25472	12 p1983 A67-25517 #	12 p2019 A67-25562 #	12 p2025 A67-25607 #	12 p1933 A67-25652
12 p1941 A67-25473	12 p1984 A67-25518 #	12 p2019 A67-25563 #	12 p2025 A67-25608 #	12 p1902 A67-25653
12 p1905 A67-25474	12 p1984 A67-25519 #	12 p2019 A67-25564 #	12 p2025 A67-25609 #	12 p1902 A67-25654
12 p1905 A67-25475	12 p1984 A67-25520 #	12 p2019 A67-25565 #	12 p2025 A67-25610 #	12 p2011 A67-25655
12 p1975 A67-25476	12 p1984 A67-25521 #	12 p2020 A67-25566 #	12 p2025 A67-25611 #	12 p2002 A67-25656
12 p1983 A67-25477	12 p1984 A67-25522 #	12 p2020 A67-25567 #	12 p2025 A67-25612 #	12 p2029 A67-25657 #
12 p1983 A67-25478*	12 p1984 A67-25523 #	12 p2020 A67-25568 #	12 p2026 A67-25613 #	12 p1966 A67-25658 #
12 p1993 A67-25479 #	12 p1949 A67-25524	12 p2020 A67-25569 #	12 p2026 A67-25614 #	12 p1989 A67-25659 #
12 p1963 A67-25480 #	12 p2002 A67-25525	12 p2020 A67-25570 #	12 p2026 A67-25615 #	12 p1967 A67-25660 #
12 p1963 A67-25481 #	12 p1994 A67-25526	12 p2020 A67-25571 #	12 p2026 A67-25616 #	12 p1967 A67-25661 #
12 p1963 A67-25482 #	12 p1975 A67-25527	12 p2020 A67-25572 #	12 p2026 A67-25617 #	12 p1941 A67-25662 #
12 p1932 A67-25483 #	12 p2002 A67-25528 #	12 p2020 A67-25573 #	12 p2026 A67-25618 #	12 p1942 A67-25663 #
12 p1963 A67-25484 #	12 p1994 A67-25529 #	12 p2021 A67-25574 #	12 p2026 A67-25619 #	12 p2029 A67-25664 #
12 p1964 A67-25485 #	12 p1994 A67-25530 #	12 p2021 A67-25575 #	12 p2027 A67-25620 #	12 p2029 A67-25665 #
12 p2040 A67-25486	12 p1994 A67-25531 #	12 p2021 A67-25576 #	12 p2027 A67-25621 #	12 p2029 A67-25666 #
12 p2040 A67-25487	12 p1994 A67-25532 #	12 p2021 A67-25577 #	12 p2027 A67-25622 #	12 p2029 A67-25667 #
12 p2040 A67-25488	12 p1932 A67-25533 #	12 p2021 A67-25578 #	12 p2027 A67-25623 #	12 p2029 A67-25668 #
12 p2040 A67-25489	12 p2002 A67-25534 #	12 p2021 A67-25579 #	12 p2027 A67-25624 #	12 p1928 A67-25669 #
12 p2040 A67-25490	12 p1994 A67-25535 #	12 p2021 A67-25580 #	12 p2027 A67-25625 #	12 p1961 A67-25670 #
12 p2040 A67-25491	12 p1892 A67-25536 #	12 p2021 A67-25581 #	12 p2027 A67-25626 #	12 p1892 A67-25671 #
12 p1894 A67-25492*	12 p1994 A67-25537 #	12 p2022 A67-25582 #	12 p2027 A67-25627 #	12 p1928 A67-25672 #
12 p1989 A67-25493	12 p1932 A67-25538 #	12 p2022 A67-25583 #	12 p2028 A67-25628 #	12 p1928 A67-25673 #
12 p1989 A67-25494	12 p1932 A67-25539 #	12 p2022 A67-25584 #	12 p2028 A67-25629 #	12 p1929 A67-25674 #
12 p1989 A67-25495	12 p2002 A67-25540 #	12 p2022 A67-25585 #	12 p2028 A67-25630 #	12 p2029 A67-25675 #
12 p1989 A67-25496	12 p1994 A67-25541 #	12 p2022 A67-25586 #	12 p2028 A67-25631 #	12 p1920 A67-25676
12 p1894 A67-25497	12 p1994 A67-25542 #	12 p2022 A67-25587 #	12 p2028 A67-25632 #	12 p1900 A67-25677
12 p1894 A67-25498	12 p1932 A67-25543 #	12 p2022 A67-25588 #	12 p2028 A67-25633 #	12 p1921 A67-25678
12 p1894 A67-25499	12 p1933 A67-25544 #	12 p2023 A67-25589 #	12 p2028 A67-25634 #	12 p1942 A67-25679
12 p1894 A67-25500	12 p1933 A67-25545 #	12 p2023 A67-25590 #	12 p2028 A67-25635 #	12 p1942 A67-25680
12 p1895 A67-25501 #	12 p1933 A67-25546 #	12 p2023 A67-25591 #	12 p2029 A67-25636 #	12 p2030 A67-25681
12 p1989 A67-25502	12 p1933 A67-25547 #	12 p2023 A67-25592 #	12 p2029 A67-25637 #	12 p1942 A67-25682
12 p1905 A67-25503	12 p1933 A67-25548 #	12 p2023 A67-25593 #	12 p2002 A67-25638	12 p1914 A67-25683
12 p1941 A67-25504	12 p1933 A67-25549 #	12 p2023 A67-25594 #	12 p2011 A67-25639	12 p2003 A67-25684
12 p1895 A67-25505 #	12 p1933 A67-25550 #	12 p2023 A67-25595 #	12 p2002 A67-25640	12 p2003 A67-25685*
12 p1941 A67-25506	12 p2002 A67-25551 #	12 p2023 A67-25596 #	12 p2011 A67-25641	12 p1967 A67-25686*
12 p2016 A67-25507	12 p2002 A67-25552 #	12 p2024 A67-25597 #	12 p1964 A67-25642	12 p1949 A67-25687
12 p2016 A67-25508	12 p1933 A67-25553 #	12 p2024 A67-25598 #	12 p1975 A67-25643	12 p1942 A67-25688
12 p1895 A67-25509	12 p1933 A67-25554 #	12 p2024 A67-25599 #	12 p1994 A67-25644	12 p1921 A67-25689*
12 p1899 A67-25510	12 p1941 A67-25555 #	12 p2024 A67-25600 #	12 p1994 A67-25645	12 p1921 A67-25690

ACCESSION NUMBER INDEX

12 p1921 A67-25691	12 p1950 A67-25736 #	12 p1909 A67-25781	12 p2008 A67-25826	12 p1964 A67-25871 #
12 p1942 A67-25692	12 p1950 A67-25737 #	12 p1934 A67-25782*	12 p1998 A67-25827	12 p1990 A67-25872
12 p1942 A67-25693	12 p1950 A67-25738 #	12 p1996 A67-25783	12 p1998 A67-25828	12 p1925 A67-25873
12 p1942 A67-25694 #	12 p1950 A67-25739 #	12 p2007 A67-25784	12 p1999 A67-25829	12 p1958 A67-25874
12 p1943 A67-25695	12 p2003 A67-25740*	12 p2012 A67-25785*	12 p1999 A67-25830	12 p1990 A67-25875
12 p1943 A67-25696	12 p2003 A67-25741*	12 p1934 A67-25786	12 p2008 A67-25831	12 p1950 A67-25876
12 p1921 A67-25697	12 p2041 A67-25742	12 p1934 A67-25787	12 p2008 A67-25832	12 p1895 A67-25877 #
12 p1922 A67-25698	12 p2012 A67-25743	12 p1934 A67-25788	12 p1999 A67-25833*	12 p1895 A67-25878
12 p1922 A67-25699	12 p1892 A67-25744	12 p1934 A67-25789	12 p1937 A67-25834	12 p2041 A67-25879
12 p1922 A67-25700	12 p1915 A67-25745	12 p1934 A67-25790	12 p1999 A67-25835	12 p1990 A67-25880
12 p1922 A67-25701*	12 p1984 A67-25746	12 p1935 A67-25791	12 p1999 A67-25836	12 p1945 A67-25881
12 p1943 A67-25702	12 p1984 A67-25747	12 p1935 A67-25792	12 p1937 A67-25837	12 p1950 A67-25882
12 p1943 A67-25703	12 p1953 A67-25748	12 p1935 A67-25793	12 p1937 A67-25838	12 p1987 A67-25883
12 p1989 A67-25704*	12 p1953 A67-25749	12 p1935 A67-25794*	12 p2012 A67-25839	12 p1987 A67-25884
12 p1922 A67-25705	12 p1968 A67-25750	12 p1935 A67-25795	12 p1937 A67-25840	12 p1988 A67-25885
12 p1923 A67-25706	12 p1975 A67-25751	12 p1935 A67-25796	12 p1937 A67-25841	12 p1990 A67-25886
12 p1923 A67-25707	12 p1929 A67-25752	12 p1935 A67-25797*	12 p1915 A67-25842	12 p1915 A67-25887
12 p1943 A67-25708	12 p2035 A67-25753	12 p1935 A67-25798*	12 p1984 A67-25843	12 p1915 A67-25888
12 p1923 A67-25709	12 p1943 A67-25754	12 p1936 A67-25799	12 p1985 A67-25844*	12 p1975 A67-25889 #
12 p1900 A67-25710	12 p1929 A67-25755	12 p1936 A67-25800	12 p1985 A67-25845*	12 p1986 A67-25890
12 p1924 A67-25711	12 p1929 A67-25756	12 p1905 A67-25801	12 p1967 A67-25846*	12 p1990 A67-25891*#
12 p1924 A67-25712	12 p1975 A67-25757	12 p1936 A67-25802*	12 p1985 A67-25847	12 p1975 A67-25892*#
12 p1924 A67-25713*	12 p1956 A67-25758	12 p1936 A67-25803	12 p1985 A67-25848	12 p1975 A67-25893*#
12 p1924 A67-25714	12 p2003 A67-25759	12 p1996 A67-25804	12 p1985 A67-25849*	12 p1975 A67-25894 #
12 p2034 A67-25715*	12 p1994 A67-25760	12 p1936 A67-25805*	12 p1943 A67-25850*	12 p1975 A67-25895 #
12 p1924 A67-25716	12 p1995 A67-25761	12 p1997 A67-25806*	12 p1944 A67-25851	12 p1901 A67-25896 #
12 p1924 A67-25717*	12 p2007 A67-25762	12 p1997 A67-25807*	12 p1944 A67-25852*	12 p1901 A67-25897 #
12 p1924 A67-25718	12 p1995 A67-25763*	12 p1936 A67-25808	12 p1944 A67-25853	12 p1929 A67-25898 #
12 p1943 A67-25719	12 p1995 A67-25764	12 p1997 A67-25809	12 p1944 A67-25854*	12 p1990 A67-25899 #
12 p2034 A67-25720*	12 p1995 A67-25765	12 p1997 A67-25810	12 p1944 A67-25855	12 p1892 A67-25900 #
12 p2034 A67-25721	12 p1995 A67-25766	12 p1997 A67-25811	12 p1909 A67-25856*	12 p1892 A67-25901 #
12 p1925 A67-25722	12 p2007 A67-25767	12 p1937 A67-25812*	12 p1945 A67-25857*	12 p1925 A67-25902 #
12 p1925 A67-25723*	12 p2007 A67-25768*	12 p1937 A67-25813	12 p1915 A67-25858	12 p1893 A67-25903 #
12 p1925 A67-25724	12 p1995 A67-25769	12 p1997 A67-25814	12 p1945 A67-25859*	12 p1929 A67-25904*#
12 p1902 A67-25725	12 p1933 A67-25770*	12 p1997 A67-25815	12 p1945 A67-25860*	12 p1929 A67-25905 #
12 p2034 A67-25726*	12 p1995 A67-25771	12 p1998 A67-25816	12 p1945 A67-25861*	12 p1905 A67-25906 #
12 p1902 A67-25727*	12 p1995 A67-25772*	12 p1998 A67-25817	12 p1985 A67-25862	12 p1929 A67-25907 #
12 p2012 A67-25728*	12 p1996 A67-25773	12 p1998 A67-25818	12 p1909 A67-25863*	12 p1965 A67-25908 #
12 p2034 A67-25729	12 p1996 A67-25774	12 p1998 A67-25819*	12 p1909 A67-25864	12 p1988 A67-25909 #
12 p1929 A67-25730	12 p1996 A67-25775	12 p2007 A67-25820	12 p1909 A67-25865*	12 p1988 A67-25910 #
12 p1956 A67-25731	12 p1996 A67-25776	12 p1998 A67-25821	12 p1987 A67-25866	12 p2012 A67-25911 #
12 p1905 A67-25732	12 p1933 A67-25777	12 p2007 A67-25822*	12 p1895 A67-25867 #	12 p1919 A67-25912*#
12 p1925 A67-25733*	12 p1934 A67-25778	12 p2008 A67-25823	12 p1925 A67-25868	12 p2008 A67-25913*#
12 p1925 A67-25734*	12 p1905 A67-25779*	12 p2008 A67-25824	12 p1895 A67-25869	12 p2030 A67-25914 #
12 p1925 A67-25735	12 p1909 A67-25780	12 p2008 A67-25825	12 p1964 A67-25870 #	12 p2030 A67-25915 #

ACCESSION NUMBER INDEX

12 p2030 A67-25916*#	12 p2031 A67-25961 #	12 p2009 A67-26006*#	12 p2039 A67-26051 #	12 p1986 A67-26096 #
12 p2030 A67-25917*#	12 p2031 A67-25962 #	12 p2009 A67-26007*#	12 p2039 A67-26052 #	12 p1917 A67-26097 #
12 p2030 A67-25918 #	12 p2031 A67-25963 #	12 p2009 A67-26008*#	12 p1959 A67-26053*#	12 p1917 A67-26098 #
12 p1945 A67-25919*#	12 p2032 A67-25964 #	12 p2009 A67-26009*#	12 p1959 A67-26054*#	12 p1986 A67-26099 #
12 p2008 A67-25920 #	12 p1930 A67-25965 #	12 p2035 A67-26010*#	12 p1957 A67-26055*#	12 p1938 A67-26100 #
12 p1975 A67-25921 #	12 p2032 A67-25966 #	12 p1926 A67-26011*#	12 p1959 A67-26056 #	12 p1962 A67-26101 #
12 p2012 A67-25922 #	12 p1945 A67-25967 #	12 p2035 A67-26012 #	12 p1959 A67-26057*#	12 p1967 A67-26102 #
12 p2030 A67-25923 #	12 p2032 A67-25968 #	12 p1926 A67-26013 #	12 p1959 A67-26058 #	12 p2032 A67-26103 #
12 p1930 A67-25924 #	12 p1903 A67-25969	12 p1946 A67-26014 #	12 p1959 A67-26059*#	12 p1919 A67-26104 #
12 p1976 A67-25925 #	12 p1893 A67-25970 #	12 p2035 A67-26015 #	12 p1961 A67-26060	12 p2032 A67-26105 #
12 p2035 A67-25926 #	12 p1893 A67-25971 #	12 p1958 A67-26016 #	12 p1961 A67-26061	12 p1962 A67-26106 #
12 p1893 A67-25927 #	12 p2009 A67-25972*	12 p1958 A67-26017*#	12 p1961 A67-26062	12 p2032 A67-26107 #
12 p1893 A67-25928 #	12 p1915 A67-25973	12 p1958 A67-26018 #	12 p1961 A67-26063	12 p1977 A67-26108 #
12 p1930 A67-25929 #	12 p1915 A67-25974	12 p2036 A67-26019 #	12 p1961 A67-26064*	12 p1957 A67-26109 #
12 p2030 A67-25930*#	12 p1906 A67-25975	12 p2036 A67-26020 #	12 p1986 A67-26065	12 p1988 A67-26110 #
12 p2012 A67-25931 #	12 p1906 A67-25976	12 p1926 A67-26021 #	12 p1976 A67-26066	12 p2039 A67-26111 #
12 p1893 A67-25932 #	12 p1915 A67-25977	12 p2036 A67-26022*#	12 p1986 A67-26067 #	12 p2039 A67-26112 #
12 p1901 A67-25933 #	12 p1906 A67-25978	12 p2036 A67-26023*#	12 p1916 A67-26068 #	12 p2039 A67-26113 #
12 p1893 A67-25934*#	12 p1919 A67-25979	12 p2012 A67-26024 #	12 p1976 A67-26069	12 p1968 A67-26114 #
12 p1893 A67-25935*#	12 p1906 A67-25980	12 p2036 A67-26025*#	12 p1976 A67-26070	12 p1930 A67-26115 #
12 p1895 A67-25936*#	12 p1946 A67-25981*	12 p2036 A67-26026*#	12 p1976 A67-26071	12 p1930 A67-26116 #
12 p2030 A67-25937*#	12 p1946 A67-25982*	12 p1926 A67-26027*#	12 p1976 A67-26072	12 p1957 A67-26117 #
12 p1926 A67-25938 #	12 p1946 A67-25983*	12 p1946 A67-26028*#	12 p1976 A67-26073	12 p2039 A67-26118 #
12 p1976 A67-25939 #	12 p1953 A67-25984	12 p2037 A67-26029 #	12 p1976 A67-26074	12 p2039 A67-26119 #
12 p2030 A67-25940 #	12 p1946 A67-25985*	12 p2037 A67-26030 #	12 p1977 A67-26075	12 p1962 A67-26120*
12 p1976 A67-25941 #	12 p1946 A67-25986*	12 p2037 A67-26031 #	12 p1977 A67-26076	12 p1947 A67-26121
12 p1906 A67-25942 #	12 p1906 A67-25987	12 p2037 A67-26032*#	12 p1977 A67-26077	12 p1947 A67-26122
12 p1915 A67-25943*#	12 p1906 A67-25988	12 p1957 A67-26033 #	12 p1901 A67-26078	12 p1947 A67-26123
12 p1976 A67-25944 #	12 p1907 A67-25989	12 p2037 A67-26034*#	12 p1916 A67-26079	12 p1953 A67-26124
12 p1906 A67-25945 #	12 p1907 A67-25990	12 p1957 A67-26035 #	12 p1916 A67-26080	12 p1957 A67-26125
12 p1956 A67-25946 #	12 p1907 A67-25991	12 p1957 A67-26036 #	12 p1907 A67-26081*	12 p1903 A67-26126*
12 p1990 A67-25947 #	12 p1907 A67-25992	12 p1930 A67-26037*#	12 p1961 A67-26082*	12 p1947 A67-26127
12 p1956 A67-25948 #	12 p1907 A67-25993*	12 p2037 A67-26038*#	12 p1907 A67-26083	12 p1958 A67-26128
12 p1956 A67-25949 #	12 p1907 A67-25994	12 p1894 A67-26039*#	12 p1908 A67-26084	12 p1926 A67-26129
12 p1956 A67-25950 #	12 p1916 A67-25995	12 p2037 A67-26040*#	12 p1919 A67-26085	12 p1950 A67-26130
12 p2030 A67-25951 #	12 p1916 A67-25996	12 p2038 A67-26041*#	12 p1908 A67-26086	12 p1967 A67-26131
12 p1945 A67-25952 #	12 p1916 A67-25997	12 p2038 A67-26042*#	12 p1919 A67-26087	12 p1977 A67-26132
12 p2031 A67-25953 #	12 p1916 A67-25998	12 p2038 A67-26043*#	12 p1908 A67-26088*	12 p1967 A67-26133
12 p2031 A67-25954 #	12 p1916 A67-25999	12 p1938 A67-26044*#	12 p1917 A67-26089	12 p1930 A67-26134
12 p1956 A67-25955 #	12 p1967 A67-26000 #	12 p2038 A67-26045*#	12 p1908 A67-26090	12 p2041 A67-26135
12 p1926 A67-25956 #	12 p1938 A67-26001*#	12 p1938 A67-26046*#	12 p1908 A67-26091*	12 p2042 A67-26136 #
12 p2031 A67-25957 #	12 p2035 A67-26002*#	12 p2038 A67-26047*#	12 p1908 A67-26092	12 p2042 A67-26137 #
12 p2031 A67-25958 #	12 p1958 A67-26003 #	12 p1901 A67-26048 #	12 p2032 A67-26093	12 p2042 A67-26138 #
12 p2031 A67-25959 #	12 p2035 A67-26004 #	12 p2038 A67-26049 #	12 p1986 A67-26094 #	12 p2042 A67-26139 #
12 p2031 A67-25960 #	12 p1958 A67-26005*#	12 p2039 A67-26050 #	12 p1947 A67-26095 #	12 p2042 A67-26140 #

ACCESSION NUMBER INDEX

12 p2042 A67-26141 #	12 p1947 A67-26186	12 p2033 A67-26231 #	13 p2092 A67-26276	13 p2108 A67-26321 #
12 p2042 A67-26142 #	12 p1947 A67-26187	12 p2009 A67-26232	13 p2092 A67-26277*	13 p2108 A67-26322 #
12 p2043 A67-26143 #	12 p1986 A67-26188	12 p2009 A67-26233*	13 p2092 A67-26278	13 p2191 A67-26323 #
12 p2043 A67-26144 #	12 p1960 A67-26189*	12 p1987 A67-26234	13 p2093 A67-26279	13 p2191 A67-26324 #
12 p2043 A67-26145 #	12 p1987 A67-26190	12 p2010 A67-26235 #	13 p2162 A67-26280	13 p2191 A67-26325 #
12 p2043 A67-26146 #	12 p1987 A67-26191	12 p1954 A67-26236 #	13 p2162 A67-26281*	13 p2108 A67-26326 #
12 p2043 A67-26147 #	12 p1962 A67-26192*	12 p1987 A67-26237*#	13 p2162 A67-26282	13 p2109 A67-26327 #
12 p2043 A67-26148 #	12 p2013 A67-26193	12 p1948 A67-26238 #	13 p2162 A67-26283	13 p2109 A67-26328*#
12 p2043 A67-26149 #	12 p1917 A67-26194	12 p2010 A67-26239	13 p2162 A67-26284	13 p2109 A67-26329 #
12 p2043 A67-26150 #	12 p1917 A67-26195	12 p2010 A67-26240	13 p2163 A67-26285	13 p2109 A67-26330
12 p2043 A67-26151 #	12 p1953 A67-26196	12 p2010 A67-26241*	13 p2163 A67-26286	13 p2150 A67-26331
12 p2044 A67-26152 #	12 p1938 A67-26197 #	12 p2010 A67-26242	13 p2163 A67-26287*	13 p2109 A67-26332
12 p2044 A67-26153 #	12 p2032 A67-26198 #	12 p2010 A67-26243	13 p2163 A67-26288	13 p2109 A67-26333
12 p2044 A67-26154 #	12 p1931 A67-26199 #	12 p2010 A67-26244*	13 p2163 A67-26289	13 p2066 A67-26334
12 p2044 A67-26155 #	12 p1968 A67-26200 #	12 p2011 A67-26245*	13 p2065 A67-26290	13 p2211 A67-26335
12 p1919 A67-26156	12 p1960 A67-26201	12 p1968 A67-26246*	13 p2163 A67-26291	13 p2066 A67-26336
12 p1967 A67-26157	12 p1917 A67-26202	12 p1968 A67-26247*	13 p2163 A67-26292	13 p2185 A67-26337
12 p1917 A67-26158	12 p1917 A67-26203	12 p1968 A67-26248*	13 p2164 A67-26293	13 p2061 A67-26338
12 p1953 A67-26159	12 p1917 A67-26204	12 p2011 A67-26249	13 p2164 A67-26294*	13 p2230 A67-26339
12 p1986 A67-26160	12 p1917 A67-26205	12 p2011 A67-26250*	13 p2164 A67-26295*	13 p2150 A67-26340 #
12 p1947 A67-26161*	12 p1917 A67-26206	12 p1999 A67-26251	13 p2164 A67-26296	13 p2150 A67-26341 #
12 p1908 A67-26162	12 p1918 A67-26207	12 p2011 A67-26252*	13 p2164 A67-26297	13 p2150 A67-26342 #
12 p1988 A67-26163 #	12 p1918 A67-26208	12 p2011 A67-26253*	13 p2118 A67-26298	13 p2150 A67-26343 #
12 p1903 A67-26164 #	12 p1918 A67-26209	13 p2122 A67-26254	13 p2164 A67-26299	13 p2109 A67-26344 #
12 p1964 A67-26165 #	12 p1918 A67-26210	13 p2122 A67-26255	13 p2164 A67-26300	13 p2093 A67-26345 #
12 p1930 A67-26166 #	12 p1950 A67-26211	13 p2052 A67-26256	13 p2107 A67-26301*#	13 p2155 A67-26346 #
12 p2039 A67-26167	12 p1951 A67-26212	13 p2074 A67-26257	13 p2189 A67-26302*#	13 p2075 A67-26347 #
12 p1895 A67-26168	12 p1951 A67-26213	13 p2118 A67-26258	13 p2189 A67-26303 #	13 p2072 A67-26348 #
12 p2032 A67-26169 #	12 p1951 A67-26214	13 p2185 A67-26259	13 p2190 A67-26304*#	13 p2118 A67-26349 #
12 p1896 A67-26170	12 p1918 A67-26215	13 p2221 A67-26260	13 p2107 A67-26305*#	13 p2118 A67-26350 #
12 p1903 A67-26171*	12 p1918 A67-26216	13 p2221 A67-26261	13 p2107 A67-26306 #	13 p2122 A67-26351 #
12 p1999 A67-26172	12 p1918 A67-26217	13 p2189 A67-26262	13 p2107 A67-26307*#	13 p2118 A67-26352 #
12 p2009 A67-26173 #	12 p1918 A67-26218	13 p2189 A67-26263*	13 p2107 A67-26308*#	13 p2172 A67-26353 #
12 p1962 A67-26174	12 p1918 A67-26219	13 p2189 A67-26264*	13 p2107 A67-26309*#	13 p2172 A67-26354 #
12 p1968 A67-26175	12 p1908 A67-26220	13 p2189 A67-26265*	13 p2108 A67-26310 #	13 p2172 A67-26355 #
12 p1977 A67-26176	12 p1953 A67-26221	13 p2155 A67-26266	13 p2190 A67-26311 #	13 p2172 A67-26356 #
12 p1962 A67-26177	12 p1918 A67-26222	13 p2215 A67-26267	13 p2190 A67-26312*#	13 p2172 A67-26357 #
12 p1962 A67-26178*	12 p1908 A67-26223	13 p2092 A67-26268	13 p2190 A67-26313*#	13 p2173 A67-26358 #
12 p1930 A67-26179	12 p1951 A67-26224	13 p2162 A67-26269	13 p2108 A67-26314*#	13 p2173 A67-26359 #
12 p1977 A67-26180	12 p1987 A67-26225 #	13 p2162 A67-26270	13 p2108 A67-26315 #	13 p2173 A67-26360 #
12 p1962 A67-26181	12 p1948 A67-26226	13 p2155 A67-26271*	13 p2195 A67-26316 #	13 p2173 A67-26361 #
12 p1931 A67-26182	12 p1977 A67-26227	13 p2149 A67-26272 #	13 p2108 A67-26317*#	13 p2173 A67-26362 #
12 p1908 A67-26183	12 p1904 A67-26228*	13 p2149 A67-26273 #	13 p2190 A67-26318 #	13 p2173 A67-26363 #
12 p1962 A67-26184	12 p2040 A67-26229*	13 p2149 A67-26274*#	13 p2190 A67-26319 #	13 p2173 A67-26364 #
12 p2040 A67-26185	12 p1904 A67-26230	13 p2149 A67-26275 #	13 p2190 A67-26320 #	13 p2173 A67-26365 #

ACCESSION NUMBER INDEX

13 p2174 A67-26366 #	13 p2075 A67-26411	13 p2057 A67-26456 #	13 p2197 A67-26501 #	13 p2191 A67-26546 #
13 p2174 A67-26367 #	13 p2072 A67-26412*	13 p2057 A67-26457 #	13 p2197 A67-26502 #	13 p2067 A67-26547 #
13 p2174 A67-26368 #	13 p2086 A67-26413	13 p2057 A67-26458 #	13 p2197 A67-26503 #	13 p2110 A67-26548 #
13 p2174 A67-26369 #	13 p2086 A67-26414	13 p2086 A67-26459	13 p2197 A67-26504 #	13 p2110 A67-26549 #
13 p2174 A67-26370 #	13 p2086 A67-26415*	13 p2211 A67-26460	13 p2197 A67-26505 #	13 p2110 A67-26550 #
13 p2174 A67-26371 #	13 p2086 A67-26416*	13 p2075 A67-26461	13 p2110 A67-26506 #	13 p2067 A67-26551 #
13 p2215 A67-26372 #	13 p2055 A67-26417	13 p2118 A67-26462 #	13 p2197 A67-26507 #	13 p2110 A67-26552 #
13 p2118 A67-26373 #	13 p2109 A67-26418 #	13 p2118 A67-26463 #	13 p2197 A67-26508 #	13 p2111 A67-26553 #
13 p2221 A67-26374 #	13 p2150 A67-26419 #	13 p2118 A67-26464 #	13 p2145 A67-26509 #	13 p2198 A67-26554 #
13 p2118 A67-26375 #	13 p2052 A67-26420	13 p2110 A67-26465	13 p2067 A67-26510	13 p2198 A67-26555 #
13 p2215 A67-26376 #	13 p2052 A67-26421 #	13 p2195 A67-26466	13 p2086 A67-26511	13 p2111 A67-26556 #
13 p2144 A67-26377 #	13 p2052 A67-26422 #	13 p2195 A67-26467	13 p2125 A67-26512	13 p2111 A67-26557 #
13 p2144 A67-26378 #	13 p2052 A67-26423 #	13 p2131 A67-26468	13 p2125 A67-26513	13 p2111 A67-26558 #
13 p2093 A67-26379 #	13 p2052 A67-26424 #	13 p2175 A67-26469	13 p2076 A67-26514	13 p2119 A67-26559 #
13 p2144 A67-26380 #	13 p2185 A67-26425	13 p2131 A67-26470	13 p2076 A67-26515	13 p2119 A67-26560 #
13 p2144 A67-26381 #	13 p2175 A67-26426 #	13 p2131 A67-26471	13 p2076 A67-26516*	13 p2119 A67-26561 #
13 p2085 A67-26382 #	13 p2125 A67-26427 #	13 p2131 A67-26472	13 p2119 A67-26517	13 p2119 A67-26562 #
13 p2191 A67-26383 #	13 p2175 A67-26428 #	13 p2131 A67-26473	13 p2119 A67-26518	13 p2111 A67-26563 #
13 p2159 A67-26384 #	13 p2175 A67-26429 #	13 p2086 A67-26474 #	13 p2076 A67-26519	13 p2191 A67-26564 #
13 p2155 A67-26385 #	13 p2144 A67-26430 #	13 p2066 A67-26475	13 p2067 A67-26520	13 p2191 A67-26565 #
13 p2125 A67-26386 #	13 p2109 A67-26431 #	13 p2066 A67-26476	13 p2076 A67-26521	13 p2111 A67-26566 #
13 p2164 A67-26387 #	13 p2150 A67-26432 #	13 p2075 A67-26477	13 p2125 A67-26522	13 p2111 A67-26567 #
13 p2125 A67-26388 #	13 p2150 A67-26433 #	13 p2075 A67-26478*	13 p2077 A67-26523	13 p2067 A67-26568 #
13 p2125 A67-26389 #	13 p2055 A67-26434 #	13 p2076 A67-26479	13 p2175 A67-26524	13 p2067 A67-26569 #
13 p2221 A67-26390 #	13 p2159 A67-26435	13 p2076 A67-26480	13 p2215 A67-26525 #	13 p2111 A67-26570 #
13 p2215 A67-26391 #	13 p2160 A67-26436	13 p2066 A67-26481	13 p2215 A67-26526 #	13 p2111 A67-26571 #
13 p2130 A67-26392 #	13 p2165 A67-26437	13 p2076 A67-26482	13 p2156 A67-26527 #	13 p2198 A67-26572 #
13 p2144 A67-26393 #	13 p2130 A67-26438	13 p2076 A67-26483	13 p2215 A67-26528 #	13 p2131 A67-26573
13 p2085 A67-26394 #	13 p2130 A67-26439	13 p2052 A67-26484 #	13 p2093 A67-26529 #	13 p2131 A67-26574*
13 p2075 A67-26395 #	13 p2150 A67-26440 #	13 p2215 A67-26485 #	13 p2049 A67-26530 #	13 p2132 A67-26575
13 p2164 A67-26396 #	13 p2110 A67-26441 #	13 p2066 A67-26486	13 p2221 A67-26531 #	13 p2111 A67-26576
13 p2174 A67-26397 #	13 p2160 A67-26442*	13 p2076 A67-26487	13 p2222 A67-26532 #	13 p2211 A67-26577
13 p2125 A67-26398 #	13 p2144 A67-26443 #	13 p2067 A67-26488	13 p2215 A67-26533	13 p2155 A67-26578
13 p2075 A67-26399 #	13 p2145 A67-26444 #	13 p2076 A67-26489 #	13 p2216 A67-26534	13 p2153 A67-26579
13 p2174 A67-26400 #	13 p2145 A67-26445 #	13 p2061 A67-26490*	13 p2052 A67-26535	13 p2222 A67-26580
13 p2174 A67-26401 #	13 p2130 A67-26446	13 p2061 A67-26491*	13 p2089 A67-26536	13 p2119 A67-26581
13 p2164 A67-26402 #	13 p2130 A67-26447 #	13 p2145 A67-26492*	13 p2053 A67-26537	13 p2222 A67-26582
13 p2174 A67-26403 #	13 p2175 A67-26448 #	13 p2155 A67-26493*	13 p2053 A67-26538	13 p2211 A67-26583
13 p2085 A67-26404	13 p2131 A67-26449 #	13 p2195 A67-26494	13 p2053 A67-26539*	13 p2058 A67-26584*
13 p2066 A67-26405	13 p2131 A67-26450 #	13 p2196 A67-26495 #	13 p2160 A67-26540*	13 p2165 A67-26585
13 p2066 A67-26406*	13 p2187 A67-26451 #	13 p2196 A67-26496 #	13 p2093 A67-26541*	13 p2165 A67-26586
13 p2125 A67-26407*	13 p2215 A67-26452 #	13 p2196 A67-26497 #	13 p2110 A67-26542 #	13 p2119 A67-26587
13 p2075 A67-26408	13 p2110 A67-26453 #	13 p2196 A67-26498 #	13 p2197 A67-26543 #	13 p2198 A67-26588
13 p2089 A67-26409*	13 p2110 A67-26454 #	13 p2196 A67-26499 #	13 p2191 A67-26544 #	13 p2065 A67-26589*
13 p2089 A67-26410	13 p2110 A67-26455 #	13 p2197 A67-26500 #	13 p2191 A67-26545 #	13 p2049 A67-26590

ACCESSION NUMBER INDEX

13 p2049 A67-26591	13 p2094 A67-26636 #	13 p2113 A67-26681 #	13 p2166 A67-26726	13 p2176 A67-26771
13 p2165 A67-26592	13 p2094 A67-26637 #	13 p2151 A67-26682 #	13 p2126 A67-26727	13 p2176 A67-26772
13 p2165 A67-26593	13 p2094 A67-26638 #	13 p2113 A67-26683 #	13 p2166 A67-26728	13 p2176 A67-26773
13 p2156 A67-26594	13 p2049 A67-26639 #	13 p2151 A67-26684 #	13 p2126 A67-26729	13 p2192 A67-26774
13 p2093 A67-26595	13 p2049 A67-26640 #	13 p2151 A67-26685 #	13 p2126 A67-26730	13 p2158 A67-26775
13 p2222 A67-26596	13 p2094 A67-26641 #	13 p2151 A67-26686 #	13 p2166 A67-26731	13 p2166 A67-26776
13 p2165 A67-26597	13 p2165 A67-26642 #	13 p2151 A67-26687 #	13 p2065 A67-26732*	13 p2176 A67-26777
13 p2165 A67-26598	13 p2094 A67-26643 #	13 p2067 A67-26688 #	13 p2065 A67-26733*	13 p2166 A67-26778
13 p2126 A67-26599	13 p2094 A67-26644 #	13 p2119 A67-26689 #	13 p2145 A67-26734	13 p2078 A67-26779
13 p2160 A67-26600	13 p2094 A67-26645 #	13 p2151 A67-26690 #	13 p2146 A67-26735*	13 p2078 A67-26780
13 p2111 A67-26601	13 p2049 A67-26646 #	13 p2132 A67-26691	13 p2222 A67-26736	13 p2078 A67-26781
13 p2156 A67-26602 #	13 p2166 A67-26647 #	13 p2132 A67-26692	13 p2151 A67-26737 #	13 p2068 A67-26782
13 p2093 A67-26603 #	13 p2050 A67-26648 #	13 p2176 A67-26693	13 p2151 A67-26738 #	13 p2078 A67-26783
13 p2145 A67-26604 #	13 p2094 A67-26649 #	13 p2187 A67-26694	13 p2113 A67-26739 #	13 p2078 A67-26784
13 p2156 A67-26605	13 p2166 A67-26650 #	13 p2132 A67-26695	13 p2114 A67-26740 #	13 p2078 A67-26785
13 p2157 A67-26606 #	13 p2077 A67-26651	13 p2143 A67-26696	13 p2152 A67-26741 #	13 p2078 A67-26786
13 p2058 A67-26607 #	13 p2077 A67-26652	13 p2132 A67-26697	13 p2114 A67-26742 #	13 p2078 A67-26787
13 p2216 A67-26608 #	13 p2077 A67-26653	13 p2143 A67-26698	13 p2146 A67-26743	13 p2078 A67-26788
13 p2216 A67-26609 #	13 p2175 A67-26654	13 p2123 A67-26699	13 p2217 A67-26744	13 p2078 A67-26789
13 p2222 A67-26610 #	13 p2175 A67-26655	13 p2126 A67-26700	13 p2146 A67-26745	13 p2068 A67-26790
13 p2145 A67-26611 #	13 p2175 A67-26656	13 p2187 A67-26701 #	13 p2187 A67-26746	13 p2198 A67-26791
13 p2087 A67-26612 #	13 p2176 A67-26657	13 p2187 A67-26702 #	13 p2088 A67-26747 #	13 p2198 A67-26792
13 p2165 A67-26613 #	13 p2077 A67-26658	13 p2185 A67-26703 #	13 p2077 A67-26748 #	13 p2114 A67-26793
13 p2087 A67-26614 #	13 p2077 A67-26659	13 p2217 A67-26704 #	13 p2077 A67-26749 #	13 p2114 A67-26794
13 p2145 A67-26615 #	13 p2077 A67-26660	13 p2211 A67-26705 #	13 p2078 A67-26750 #	13 p2114 A67-26795*
13 p2087 A67-26616 #	13 p2077 A67-26661	13 p2198 A67-26706 #	13 p2058 A67-26751 #	13 p2217 A67-26796
13 p2093 A67-26617 #	13 p2119 A67-26662	13 p2176 A67-26707	13 p2058 A67-26752 #	13 p2218 A67-26797
13 p2087 A67-26618 #	13 p2067 A67-26663	13 p2176 A67-26708	13 p2061 A67-26753 #	13 p2088 A67-26798 #
13 p2087 A67-26619 #	13 p2153 A67-26664	13 p2061 A67-26709 #	13 p2061 A67-26754 #	13 p2055 A67-26799
13 p2153 A67-26620 #	13 p2153 A67-26665	13 p2153 A67-26710 #	13 p2058 A67-26755 #	13 p2088 A67-26800
13 p2216 A67-26621 #	13 p2153 A67-26666	13 p2053 A67-26711 #	13 p2058 A67-26756 #	13 p2078 A67-26801
13 p2119 A67-26622 #	13 p2111 A67-26667	13 p2154 A67-26712 #	13 p2058 A67-26757 #	13 p2068 A67-26802
13 p2211 A67-26623 #	13 p2112 A67-26668 #	13 p2191 A67-26713	13 p2058 A67-26758 #	13 p2123 A67-26803*
13 p2153 A67-26624 #	13 p2112 A67-26669 #	13 p2198 A67-26714	13 p2059 A67-26759 #	13 p2218 A67-26804 #
13 p2145 A67-26625 #	13 p2112 A67-26670 #	13 p2198 A67-26715	13 p2059 A67-26760 #	13 p2218 A67-26805 #
13 p2216 A67-26626 #	13 p2158 A67-26671 #	13 p2055 A67-26716	13 p2059 A67-26761 #	13 p2218 A67-26806 #
13 p2216 A67-26627 #	13 p2112 A67-26672 #	13 p2067 A67-26717	13 p2062 A67-26762 #	13 p2065 A67-26807*
13 p2216 A67-26628 #	13 p2112 A67-26673 #	13 p2067 A67-26718	13 p2062 A67-26763 #	13 p2050 A67-26808 #
13 p2058 A67-26629 #	13 p2112 A67-26674 #	13 p2068 A67-26719	13 p2059 A67-26764 #	13 p2095 A67-26809 #
13 p2217 A67-26630 #	13 p2113 A67-26675 #	13 p2068 A67-26720	13 p2198 A67-26765 #	13 p2176 A67-26810
13 p2217 A67-26631 #	13 p2113 A67-26676 #	13 p2087 A67-26721	13 p2198 A67-26766 #	13 p2120 A67-26811
13 p2217 A67-26632 #	13 p2113 A67-26677 #	13 p2087 A67-26722	13 p2191 A67-26767 #	13 p2143 A67-26812
13 p2217 A67-26633 #	13 p2113 A67-26678 #	13 p2087 A67-26723	13 p2166 A67-26768	13 p2160 A67-26813
13 p2217 A67-26634 #	13 p2113 A67-26679 #	13 p2068 A67-26724	13 p2126 A67-26769	13 p2072 A67-26814 #
13 p2093 A67-26635 #	13 p2150 A67-26680 #	13 p2068 A67-26725	13 p2166 A67-26770	13 p2120 A67-26815 #

ACCESSION NUMBER INDEX

13 p2154 A67-26816*#	13 p2176 A67-26861	13 p2219 A67-26906	13 p2099 A67-26951	13 p2088 A67-26996
13 p2154 A67-26817*#	13 p2185 A67-26862	13 p2053 A67-26907 #	13 p2099 A67-26952	13 p2079 A67-26997
13 p2212 A67-26818*#	13 p2152 A67-26863	13 p2095 A67-26908 #	13 p2099 A67-26953	13 p2132 A67-26998
13 p2199 A67-26819*#	13 p2115 A67-26864	13 p2095 A67-26909 #	13 p2100 A67-26954	13 p2132 A67-26999
13 p2212 A67-26820 #	13 p2152 A67-26865	13 p2095 A67-26910 #	13 p2100 A67-26955	13 p2188 A67-27000 #
13 p2114 A67-26821 #	13 p2152 A67-26866	13 p2095 A67-26911 #	13 p2100 A67-26956	13 p2055 A67-27001
13 p2188 A67-26822*#	13 p2059 A67-26867*	13 p2050 A67-26912 #	13 p2100 A67-26957*	13 p2056 A67-27002
13 p2188 A67-26823*#	13 p2059 A67-26868*	13 p2222 A67-26913 #	13 p2100 A67-26958	13 p2167 A67-27003
13 p2188 A67-26824*#	13 p2065 A67-26869*	13 p2095 A67-26914 #	13 p2100 A67-26959	13 p2199 A67-27004
13 p2188 A67-26825 #	13 p2079 A67-26870	13 p2096 A67-26915 #	13 p2223 A67-26960	13 p2133 A67-27005*
13 p2055 A67-26826*#	13 p2079 A67-26871	13 p2062 A67-26916 #	13 p2223 A67-26961*	13 p2133 A67-27006*
13 p2199 A67-26827*#	13 p2079 A67-26872	13 p2059 A67-26917 #	13 p2101 A67-26962*	13 p2133 A67-27007*
13 p2123 A67-26828 #	13 p2079 A67-26873	13 p2059 A67-26918*#	13 p2101 A67-26963	13 p2133 A67-27008
13 p2212 A67-26829 #	13 p2079 A67-26874	13 p2062 A67-26919*	13 p2101 A67-26964	13 p2177 A67-27009
13 p2089 A67-26830 #	13 p2079 A67-26875	13 p2062 A67-26920*	13 p2101 A67-26965	13 p2133 A67-27010
13 p2050 A67-26831*#	13 p2079 A67-26876	13 p2062 A67-26921*	13 p2101 A67-26966	13 p2133 A67-27011
13 p2050 A67-26832 #	13 p2158 A67-26877	13 p2062 A67-26922	13 p2101 A67-26967*	13 p2126 A67-27012
13 p2188 A67-26833*#	13 p2158 A67-26878	13 p2063 A67-26923	13 p2102 A67-26968	13 p2177 A67-27013
13 p2188 A67-26834*#	13 p2158 A67-26879*	13 p2060 A67-26924	13 p2102 A67-26969*	13 p2126 A67-27014
13 p2120 A67-26835 #	13 p2160 A67-26880*	13 p2060 A67-26925	13 p2102 A67-26970	13 p2126 A67-27015
13 p2055 A67-26836 #	13 p2120 A67-26881	13 p2060 A67-26926	13 p2102 A67-26971	13 p2177 A67-27016
13 p2212 A67-26837 #	13 p2050 A67-26882	13 p2063 A67-26927	13 p2102 A67-26972	13 p2127 A67-27017
13 p2212 A67-26838 #	13 p2050 A67-26883	13 p2060 A67-26928	13 p2102 A67-26973	13 p2127 A67-27018
13 p2188 A67-26839*#	13 p2222 A67-26884	13 p2063 A67-26929	13 p2103 A67-26974	13 p2069 A67-27019*
13 p2089 A67-26840 #	13 p2095 A67-26885	13 p2167 A67-26930	13 p2103 A67-26975*	13 p2120 A67-27020
13 p2090 A67-26841*#	13 p2218 A67-26886	13 p2096 A67-26931	13 p2103 A67-26976	13 p2088 A67-27021 #
13 p2055 A67-26842 #	13 p2218 A67-26887	13 p2120 A67-26932	13 p2103 A67-26977	13 p2088 A67-27022 #
13 p2090 A67-26843*#	13 p2218 A67-26888	13 p2199 A67-26933	13 p2103 A67-26978	13 p2088 A67-27023 #
13 p2222 A67-26844*#	13 p2218 A67-26889	13 p2096 A67-26934*	13 p2104 A67-26979	13 p2080 A67-27024 #
13 p2152 A67-26845 #	13 p2218 A67-26890	13 p2097 A67-26935	13 p2104 A67-26980	13 p2080 A67-27025 #
13 p2212 A67-26846 #	13 p2218 A67-26891	13 p2097 A67-26936	13 p2104 A67-26981	13 p2080 A67-27026 #
13 p2188 A67-26847 #	13 p2218 A67-26892	13 p2097 A67-26937	13 p2104 A67-26982	13 p2080 A67-27027 #
13 p2188 A67-26848*#	13 p2212 A67-26893	13 p2098 A67-26938*	13 p2104 A67-26983	13 p2069 A67-27028 #
13 p2059 A67-26849	13 p2199 A67-26894	13 p2098 A67-26939	13 p2104 A67-26984	13 p2127 A67-27029 #
13 p2059 A67-26850	13 p2166 A67-26895	13 p2223 A67-26940	13 p2154 A67-26985	13 p2080 A67-27030 #
13 p2146 A67-26851*	13 p2050 A67-26896	13 p2098 A67-26941*	13 p2154 A67-26986	13 p2069 A67-27031 #
13 p2199 A67-26852 #	13 p2050 A67-26897	13 p2223 A67-26942*	13 p2176 A67-26987 #	13 p2069 A67-27032 #
13 p2114 A67-26853 #	13 p2095 A67-26898	13 p2223 A67-26943	13 p2177 A67-26988 #	13 p2080 A67-27033 #
13 p2199 A67-26854 #	13 p2218 A67-26899	13 p2223 A67-26944	13 p2167 A67-26989 #	13 p2080 A67-27034 #
13 p2114 A67-26855 #	13 p2095 A67-26900	13 p2098 A67-26945	13 p2177 A67-26990 #	13 p2080 A67-27035 #
13 p2114 A67-26856 #	13 p2218 A67-26901	13 p2098 A67-26946	13 p2160 A67-26991*#	13 p2080 A67-27036 #
13 p2115 A67-26857 #	13 p2218 A67-26902	13 p2098 A67-26947*	13 p2068 A67-26992 #	13 p2069 A67-27037 #
13 p2115 A67-26858 #	13 p2219 A67-26903	13 p2099 A67-26948	13 p2167 A67-26993 #	13 p2154 A67-27038 #
13 p2120 A67-26859	13 p2219 A67-26904	13 p2099 A67-26949	13 p2167 A67-26994 #	13 p2069 A67-27039 #
13 p2126 A67-26860	13 p2212 A67-26905	13 p2099 A67-26950*	13 p2072 A67-26995	13 p2069 A67-27040 #

ACCESSION NUMBER INDEX

13 p2088 A67-27041 #	13 p2127 A67-27086	13 p2123 A67-27131*	13 p2141 A67-27176	13 p2168 A67-27221
13 p2069 A67-27042 #	13 p2127 A67-27087	13 p2123 A67-27132	13 p2143 A67-27177	13 p2053 A67-27222
13 p2069 A67-27043 #	13 p2128 A67-27088	13 p2123 A67-27133	13 p2147 A67-27178	13 p2074 A67-27223*
13 p2069 A67-27044 #	13 p2128 A67-27089	13 p2140 A67-27134	13 p2158 A67-27179	13 p2071 A67-27224
13 p2070 A67-27045 #	13 p2133 A67-27090*	13 p2140 A67-27135	13 p2147 A67-27180	13 p2200 A67-27225
13 p2070 A67-27046 #	13 p2219 A67-27091	13 p2140 A67-27136	13 p2141 A67-27181*	13 p2121 A67-27226
13 p2081 A67-27047 #	13 p2219 A67-27092	13 p2178 A67-27137	13 p2161 A67-27182*	13 p2128 A67-27227
13 p2224 A67-27048 #	13 p2219 A67-27093	13 p2178 A67-27138	13 p2065 A67-27183*	13 p2168 A67-27228
13 p2224 A67-27049 #	13 p2146 A67-27094	13 p2178 A67-27139	13 p2219 A67-27184	13 p2128 A67-27229
13 p2224 A67-27050 #	13 p2146 A67-27095*	13 p2178 A67-27140	13 p2220 A67-27185	13 p2128 A67-27230
13 p2105 A67-27051 #	13 p2088 A67-27096*	13 p2179 A67-27141*	13 p2141 A67-27186	13 p2181 A67-27231
13 p2105 A67-27052 #	13 p2146 A67-27097	13 p2179 A67-27142	13 p2144 A67-27187	13 p2181 A67-27232
13 p2224 A67-27053 #	13 p2230 A67-27098	13 p2179 A67-27143*	13 p2073 A67-27188	13 p2090 A67-27233
13 p2105 A67-27054 #	13 p2123 A67-27099*	13 p2179 A67-27144*	13 p2073 A67-27189	13 p2200 A67-27234
13 p2224 A67-27055 #	13 p2123 A67-27100*	13 p2224 A67-27145	13 p2074 A67-27190	13 p2200 A67-27235*
13 p2224 A67-27056 #	13 p2134 A67-27101	13 p2146 A67-27146	13 p2074 A67-27191	13 p2200 A67-27236*
13 p2224 A67-27057 #	13 p2135 A67-27102	13 p2219 A67-27147	13 p2053 A67-27192	13 p2128 A67-27237
13 p2219 A67-27058 #	13 p2136 A67-27103	13 p2050 A67-27148	13 p2220 A67-27193	13 p2081 A67-27238
13 p2219 A67-27059 #	13 p2136 A67-27104	13 p2146 A67-27149	13 p2050 A67-27194	13 p2056 A67-27239 #
13 p2090 A67-27060 #	13 p2136 A67-27105	13 p2167 A67-27150	13 p2070 A67-27195 #	13 p2056 A67-27240 #
13 p2073 A67-27061*	13 p2136 A67-27106	13 p2070 A67-27151	13 p2070 A67-27196 #	13 p2088 A67-27241
13 p2073 A67-27062	13 p2136 A67-27107	13 p2141 A67-27152	13 p2070 A67-27197 #	13 p2192 A67-27242
13 p2073 A67-27063*	13 p2136 A67-27108	13 p2219 A67-27153	13 p2081 A67-27198 #	13 p2192 A67-27243
13 p2073 A67-27064	13 p2137 A67-27109	13 p2070 A67-27154	13 p2081 A67-27199 #	13 p2192 A67-27244
13 p2073 A67-27065*	13 p2137 A67-27110	13 p2179 A67-27155*	13 p2081 A67-27200 #	13 p2192 A67-27245
13 p2073 A67-27066	13 p2137 A67-27111	13 p2179 A67-27156	13 p2081 A67-27201 #	13 p2193 A67-27246
13 p2053 A67-27067 #	13 p2137 A67-27112	13 p2179 A67-27157	13 p2070 A67-27202 #	13 p2193 A67-27247
13 p2185 A67-27068 #	13 p2137 A67-27113	13 p2179 A67-27158	13 p2070 A67-27203 #	13 p2193 A67-27248*
13 p2120 A67-27069	13 p2137 A67-27114	13 p2180 A67-27159	13 p2081 A67-27204 #	13 p2193 A67-27249*
13 p2120 A67-27070	13 p2138 A67-27115	13 p2180 A67-27160	13 p2051 A67-27205	13 p2193 A67-27250*
13 p2177 A67-27071	13 p2138 A67-27116	13 p2180 A67-27161	13 p2167 A67-27206	13 p2194 A67-27251*
13 p2177 A67-27072	13 p2138 A67-27117	13 p2180 A67-27162	13 p2070 A67-27207	13 p2194 A67-27252
13 p2177 A67-27073	13 p2138 A67-27118	13 p2180 A67-27163	13 p2168 A67-27208	13 p2194 A67-27253
13 p2177 A67-27074	13 p2138 A67-27119	13 p2180 A67-27164	13 p2120 A67-27209	13 p2194 A67-27254
13 p2160 A67-27075*	13 p2138 A67-27120	13 p2181 A67-27165	13 p2181 A67-27210	13 p2115 A67-27255
13 p2158 A67-27076	13 p2138 A67-27121	13 p2181 A67-27166	13 p2115 A67-27211	13 p2115 A67-27256
13 p2177 A67-27077	13 p2139 A67-27122	13 p2181 A67-27167*	13 p2199 A67-27212 #	13 p2090 A67-27257
13 p2178 A67-27078	13 p2139 A67-27123	13 p2124 A67-27168 #	13 p2063 A67-27213 #	13 p2090 A67-27258*
13 p2127 A67-27079	13 p2139 A67-27124	13 p2199 A67-27169	13 p2060 A67-27214 #	13 p2063 A67-27259
13 p2127 A67-27080*	13 p2139 A67-27125	13 p2147 A67-27170	13 p2199 A67-27215 #	13 p2063 A67-27260*#
13 p2127 A67-27081*	13 p2139 A67-27126	13 p2147 A67-27171	13 p2212 A67-27216*#	13 p2064 A67-27261
13 p2167 A67-27082	13 p2139 A67-27127*	13 p2147 A67-27172	13 p2120 A67-27217*#	13 p2064 A67-27262
13 p2178 A67-27083	13 p2140 A67-27128	13 p2147 A67-27173	13 p2212 A67-27218*#	13 p2090 A67-27263
13 p2127 A67-27084*	13 p2140 A67-27129	13 p2141 A67-27174	13 p2071 A67-27219	13 p2090 A67-27264
13 p2178 A67-27085	13 p2140 A67-27130	13 p2124 A67-27175	13 p2081 A67-27220	13 p2090 A67-27265

ACCESSION NUMBER INDEX

13 p2091 A67-27266	13 p2169 A67-27311 #	13 p2159 A67-27356	13 p2071 A67-27401	13 p2072 A67-27446
13 p2091 A67-27267	13 p2169 A67-27312 #	13 p2152 A67-27357	13 p2071 A67-27402	13 p2083 A67-27447
13 p2064 A67-27268	13 p2169 A67-27313 #	13 p2144 A67-27358*	13 p2071 A67-27403	13 p2083 A67-27448
13 p2154 A67-27269	13 p2169 A67-27314 #	13 p2121 A67-27359	13 p2071 A67-27404	13 p2074 A67-27449
13 p2091 A67-27270	13 p2056 A67-27315 #	13 p2182 A67-27360	13 p2082 A67-27405	13 p2072 A67-27450
13 p2091 A67-27271*	13 p2169 A67-27316 #	13 p2161 A67-27361	13 p2082 A67-27406	13 p2147 A67-27451
13 p2064 A67-27272	13 p2169 A67-27317 #	13 p2159 A67-27362 #	13 p2082 A67-27407*	13 p2220 A67-27452
13 p2064 A67-27273	13 p2170 A67-27318 #	13 p2170 A67-27363 #	13 p2082 A67-27408	13 p2147 A67-27453*
13 p2064 A67-27274	13 p2213 A67-27319 #	13 p2129 A67-27364 #	13 p2088 A67-27409	13 p2147 A67-27454*
13 p2152 A67-27275 #	13 p2213 A67-27320 #	13 p2124 A67-27365 #	13 p2105 A67-27410	13 p2106 A67-27455
13 p2081 A67-27276 #	13 p2213 A67-27321 #	13 p2082 A67-27366	13 p2105 A67-27411	13 p2106 A67-27456
13 p2071 A67-27277 #	13 p2200 A67-27322 #	13 p2170 A67-27367	13 p2105 A67-27412	13 p2051 A67-27457
13 p2081 A67-27278 #	13 p2200 A67-27323 #	13 p2170 A67-27368	13 p2105 A67-27413	13 p2116 A67-27458 #
13 p2220 A67-27279 #	13 p2213 A67-27324 #	13 p2170 A67-27369	13 p2105 A67-27414	13 p2116 A67-27459 #
13 p2181 A67-27280 #	13 p2224 A67-27325 #	13 p2170 A67-27370	13 p2201 A67-27415	13 p2116 A67-27460 #
13 p2181 A67-27281 #	13 p2213 A67-27326 #	13 p2170 A67-27371	13 p2202 A67-27416 #	13 p2205 A67-27461 #
13 p2182 A67-27282 #	13 p2200 A67-27327 #	13 p2170 A67-27372	13 p2202 A67-27417 #	13 p2116 A67-27462 #
13 p2141 A67-27283 #	13 p2071 A67-27328 #	13 p2170 A67-27373	13 p2202 A67-27418 #	13 p2224 A67-27463
13 p2141 A67-27284 #	13 p2194 A67-27329 #	13 p2170 A67-27374	13 p2202 A67-27419 #	13 p2121 A67-27464
13 p2142 A67-27285 #	13 p2115 A67-27330 #	13 p2170 A67-27375	13 p2202 A67-27420 #	13 p2225 A67-27465
13 p2142 A67-27286 #	13 p2194 A67-27331 #	13 p2170 A67-27376	13 p2202 A67-27421 #	13 p2225 A67-27466
13 p2142 A67-27287 #	13 p2194 A67-27332 #	13 p2170 A67-27377	13 p2203 A67-27422 #	13 p2147 A67-27467 #
13 p2128 A67-27288 #	13 p2200 A67-27333 #	13 p2170 A67-27378	13 p2203 A67-27423*#	13 p2147 A67-27468 #
13 p2161 A67-27289*#	13 p2200 A67-27334 #	13 p2170 A67-27379	13 p2203 A67-27424 #	13 p2148 A67-27469 #
13 p2121 A67-27290 #	13 p2121 A67-27335 #	13 p2171 A67-27380	13 p2203 A67-27425 #	13 p2148 A67-27470 #
13 p2051 A67-27291	13 p2060 A67-27336 #	13 p2161 A67-27381	13 p2203 A67-27426 #	13 p2148 A67-27471 #
13 p2188 A67-27292	13 p2060 A67-27337 #	13 p2171 A67-27382	13 p2203 A67-27427 #	13 p2148 A67-27472 #
13 p2081 A67-27293	13 p2200 A67-27338 #	13 p2220 A67-27383	13 p2203 A67-27428 #	13 p2148 A67-27473 #
13 p2053 A67-27294	13 p2201 A67-27339 #	13 p2171 A67-27384	13 p2204 A67-27429 #	13 p2148 A67-27474 #
13 p2054 A67-27295 #	13 p2194 A67-27340 #	13 p2056 A67-27385	13 p2204 A67-27430 #	13 p2205 A67-27475
13 p2054 A67-27296	13 p2195 A67-27341 #	13 p2171 A67-27386	13 p2204 A67-27431 #	13 p2205 A67-27476
13 p2212 A67-27297	13 p2201 A67-27342 #	13 p2171 A67-27387	13 p2204 A67-27432 #	13 p2205 A67-27477
13 p2158 A67-27298	13 p2195 A67-27343 #	13 p2082 A67-27388	13 p2171 A67-27433 #	13 p2205 A67-27478*
13 p2159 A67-27299	13 p2061 A67-27344 #	13 p2082 A67-27389	13 p2204 A67-27434 #	13 p2205 A67-27479
13 p2159 A67-27300	13 p2128 A67-27345	13 p2124 A67-27390	13 p2204 A67-27435 #	13 p2205 A67-27480*
13 p2168 A67-27301 #	13 p2128 A67-27346	13 p2201 A67-27391 #	13 p2204 A67-27436 #	13 p2205 A67-27481
13 p2168 A67-27302 #	13 p2129 A67-27347	13 p2201 A67-27392 #	13 p2171 A67-27437 #	13 p2205 A67-27482
13 p2168 A67-27303 #	13 p2129 A67-27348	13 p2115 A67-27393 #	13 p2205 A67-27438 #	13 p2206 A67-27483
13 p2168 A67-27304 #	13 p2129 A67-27349	13 p2116 A67-27394 #	13 p2185 A67-27439*#	13 p2152 A67-27484
13 p2168 A67-27305 #	13 p2129 A67-27350	13 p2116 A67-27395 #	13 p2056 A67-27440*#	13 p2129 A67-27485
13 p2168 A67-27306 #	13 p2129 A67-27351	13 p2116 A67-27396 #	13 p2171 A67-27441*#	13 p2182 A67-27486
13 p2169 A67-27307 #	13 p2121 A67-27352	13 p2105 A67-27397 #	13 p2142 A67-27442*#	13 p2148 A67-27487
13 p2169 A67-27308 #	13 p2121 A67-27353	13 p2161 A67-27398*	13 p2083 A67-27443	13 p2206 A67-27488 #
13 p2169 A67-27309 #	13 p2121 A67-27354	13 p2159 A67-27399	13 p2083 A67-27444	13 p2213 A67-27489
13 p2169 A67-27310 #	13 p2152 A67-27355	13 p2082 A67-27400	13 p2071 A67-27445	13 p2091 A67-27490

ACCESSION NUMBER INDEX

13 p2154 A67-27491	13 p2209 A67-27536*	13 p2084 A67-27581	13 p2171 A67-27626 #	13 p2220 A67-27671 #
13 p2074 A67-27492*	13 p2209 A67-27537	13 p2106 A67-27582*	13 p2124 A67-27627 #	13 p2221 A67-27672 #
13 p2072 A67-27493	13 p2209 A67-27538	13 p2210 A67-27583 #	13 p2129 A67-27628 #	13 p2142 A67-27673 #
13 p2129 A67-27494	13 p2214 A67-27539	13 p2054 A67-27584 #	13 p2130 A67-27629 #	13 p2124 A67-27674 #
13 p2074 A67-27495	13 p2214 A67-27540*	13 p2106 A67-27585 #	13 p2184 A67-27630 #	13 p2142 A67-27675 #
13 p2148 A67-27496*	13 p2209 A67-27541*	13 p2054 A67-27586 #	13 p2184 A67-27631 #	13 p2142 A67-27676 #
13 p2148 A67-27497*	13 p2209 A67-27542	13 p2051 A67-27587*#	13 p2117 A67-27632 #	13 p2142 A67-27677 #
13 p2148 A67-27498	13 p2210 A67-27543*	13 p2054 A67-27588 #	13 p2121 A67-27633*#	13 p2143 A67-27678*#
13 p2189 A67-27499	13 p2210 A67-27544*	13 p2051 A67-27589 #	13 p2225 A67-27634	13 p2057 A67-27679 #
13 p2124 A67-27500	13 p2231 A67-27545	13 p2220 A67-27590 #	13 p2186 A67-27635 #	13 p2229 A67-27680 #
13 p2230 A67-27501	13 p2210 A67-27546*	13 p2054 A67-27591 #	13 p2091 A67-27636*#	13 p2057 A67-27681 #
13 p2189 A67-27502	13 p2232 A67-27547*	13 p2051 A67-27592 #	13 p2186 A67-27637 #	13 p2057 A67-27682 #
13 p2213 A67-27503*	13 p2214 A67-27548	13 p2054 A67-27593 #	13 p2064 A67-27638 #	13 p2122 A67-27683*#
13 p2072 A67-27504	13 p2232 A67-27549	13 p2091 A67-27594*#	13 p2056 A67-27639 #	13 p2122 A67-27684 #
13 p2061 A67-27505	13 p2232 A67-27550*	13 p2091 A67-27595 #	13 p2057 A67-27640*#	13 p2124 A67-27685 #
13 p2231 A67-27506	13 p2232 A67-27551*	13 p2054 A67-27596 #	13 p2227 A67-27641 #	13 p2230 A67-27686 #
13 p2213 A67-27507	13 p2232 A67-27552	13 p2051 A67-27597 #	13 p2106 A67-27642 #	13 p2186 A67-27687 #
13 p2213 A67-27508	13 p2233 A67-27553	13 p2054 A67-27598 #	13 p2186 A67-27643 #	13 p2143 A67-27688 #
13 p2206 A67-27509	13 p2233 A67-27554	13 p2051 A67-27599 #	13 p2227 A67-27644*#	13 p2187 A67-27689 #
13 p2206 A67-27510	13 p2233 A67-27555*	13 p2054 A67-27600 #	13 p2227 A67-27645 #	13 p2184 A67-27690
13 p2231 A67-27511	13 p2233 A67-27556	13 p2210 A67-27601*#	13 p2186 A67-27646 #	13 p2184 A67-27691
13 p2231 A67-27512	13 p2233 A67-27557	13 p2210 A67-27602 #	13 p2227 A67-27647*#	13 p2184 A67-27692
13 p2231 A67-27513	13 p2233 A67-27558*	13 p2210 A67-27603 #	13 p2106 A67-27648*#	13 p2084 A67-27693
13 p2231 A67-27514	13 p2233 A67-27559	13 p2117 A67-27604 #	13 p2092 A67-27649 #	13 p2084 A67-27694
13 p2206 A67-27515	13 p2233 A67-27560	13 p2152 A67-27605*#	13 p2092 A67-27650 #	13 p2084 A67-27695
13 p2116 A67-27516	13 p2183 A67-27561	13 p2117 A67-27606*#	13 p2186 A67-27651*#	13 p2084 A67-27696
13 p2207 A67-27517	13 p2183 A67-27562	13 p2153 A67-27607 #	13 p2092 A67-27652*#	13 p2085 A67-27697*
13 p2207 A67-27518*	13 p2064 A67-27563	13 p2117 A67-27608 #	13 p2228 A67-27653*#	13 p2085 A67-27698
13 p2207 A67-27519*	13 p2064 A67-27564	13 p2072 A67-27609 #	13 p2186 A67-27654 #	13 p2085 A67-27699
13 p2208 A67-27520*	13 p2121 A67-27565	13 p2091 A67-27610 #	13 p2214 A67-27655 #	13 p2214 A67-27700
13 p2208 A67-27521	13 p2083 A67-27566	13 p2117 A67-27611 #	13 p2228 A67-27656 #	13 p2122 A67-27701*
13 p2208 A67-27522	13 p2183 A67-27567	13 p2117 A67-27612 #	13 p2054 A67-27657 #	13 p2117 A67-27702
13 p2208 A67-27523*	13 p2183 A67-27568	13 p2148 A67-27613 #	13 p2228 A67-27658 #	13 p2055 A67-27703*
13 p2208 A67-27524	13 p2183 A67-27569	13 p2149 A67-27614 #	13 p2228 A67-27659 #	13 p2089 A67-27704 #
13 p2154 A67-27525	13 p2184 A67-27570	13 p2171 A67-27615 #	13 p2228 A67-27660*#	13 p2089 A67-27705 #
13 p2155 A67-27526*	13 p2083 A67-27571	13 p2210 A67-27616 #	13 p2122 A67-27661 #	13 p2085 A67-27706 #
13 p2214 A67-27527	13 p2083 A67-27572	13 p2051 A67-27617 #	13 p2228 A67-27662*#	13 p2184 A67-27707 #
13 p2208 A67-27528*	13 p2083 A67-27573	13 p2149 A67-27618 #	13 p2229 A67-27663 #	13 p2117 A67-27708 #
13 p2214 A67-27529	13 p2084 A67-27574	13 p2149 A67-27619 #	13 p2229 A67-27664*#	13 p2159 A67-27709 #
13 p2208 A67-27530	13 p2184 A67-27575	13 p2052 A67-27620 #	13 p2229 A67-27665 #	13 p2143 A67-27710 #
13 p2074 A67-27531*	13 p2084 A67-27576	13 p2220 A67-27621 #	13 p2229 A67-27666*#	13 p2089 A67-27711
13 p2155 A67-27532*	13 p2117 A67-27577	13 p2056 A67-27622 #	13 p2229 A67-27667*#	13 p2107 A67-27712
13 p2209 A67-27533	13 p2161 A67-27578*	13 p2056 A67-27623 #	13 p2106 A67-27668 #	13 p2149 A67-27713
13 p2209 A67-27534	13 p2195 A67-27579	13 p2184 A67-27624 #	13 p2106 A67-27669 #	13 p2211 A67-27714
13 p2209 A67-27535	13 p2195 A67-27580	13 p2211 A67-27625 #	13 p2107 A67-27670 #	13 p2172 A67-27715

ACCESSION NUMBER INDEX

13 p2172 A67-27716	14 p2354 A67-27761 #	14 p2335 A67-27806	14 p2382 A67-27851	14 p2404 A67-27896 #
13 p2172 A67-27717	14 p2354 A67-27762 #	14 p2335 A67-27807	14 p2382 A67-27852	14 p2279 A67-27897 #
13 p2184 A67-27718	14 p2354 A67-27763 #	14 p2335 A67-27808	14 p2382 A67-27853	14 p2340 A67-27898 #
13 p2184 A67-27719	14 p2354 A67-27764 #	14 p2335 A67-27809	14 p2393 A67-27854	14 p2395 A67-27899 #
13 p2185 A67-27720	14 p2354 A67-27765 #	14 p2335 A67-27810	14 p2393 A67-27855	14 p2279 A67-27900 #
13 p2185 A67-27721	14 p2246 A67-27766 #	14 p2322 A67-27811	14 p2279 A67-27856	14 p2295 A67-27901*#
13 p2221 A67-27722	14 p2276 A67-27767 #	14 p2336 A67-27812	14 p2260 A67-27857	14 p2355 A67-27902 #
13 p2085 A67-27723	14 p2276 A67-27768 #	14 p2323 A67-27813	14 p2306 A67-27858	14 p2295 A67-27903 #
13 p2089 A67-27724	14 p2277 A67-27769 #	14 p2323 A67-27814	14 p2383 A67-27859	14 p2295 A67-27904 #
13 p2230 A67-27725	14 p2314 A67-27770 #	14 p2323 A67-27815	14 p2306 A67-27860	14 p2296 A67-27905 #
13 p2172 A67-27726	14 p2328 A67-27771 #	14 p2323 A67-27816	14 p2306 A67-27861	14 p2296 A67-27906*#
13 p2172 A67-27727	14 p2329 A67-27772 #	14 p2323 A67-27817	14 p2378 A67-27862	14 p2355 A67-27907 #
13 p2172 A67-27728	14 p2277 A67-27773 #	14 p2323 A67-27818	14 p2256 A67-27863	14 p2346 A67-27908 #
13 p2161 A67-27729	14 p2277 A67-27774	14 p2323 A67-27819	14 p2254 A67-27864	14 p2378 A67-27909 #
13 p2159 A67-27730	14 p2277 A67-27775	14 p2323 A67-27820	14 p2383 A67-27865	14 p2378 A67-27910 #
13 p2085 A67-27731	14 p2260 A67-27776	14 p2324 A67-27821	14 p2348 A67-27866	14 p2378 A67-27911 #
13 p2159 A67-27732	14 p2329 A67-27777	14 p2294 A67-27822 #	14 p2336 A67-27867	14 p2307 A67-27912 #
13 p2161 A67-27733*	14 p2277 A67-27778	14 p2355 A67-27823 #	14 p2336 A67-27868	14 p2307 A67-27913 #
13 p2161 A67-27734*	14 p2329 A67-27779*	14 p2363 A67-27824 #	14 p2295 A67-27869 #	14 p2307 A67-27914 #
13 p2221 A67-27735	14 p2278 A67-27780	14 p2364 A67-27825 #	14 p2295 A67-27870 #	14 p2378 A67-27915 #
13 p2149 A67-27736	14 p2278 A67-27781	14 p2364 A67-27826 #	14 p2315 A67-27871	14 p2378 A67-27916 #
13 p2125 A67-27737	14 p2260 A67-27782	14 p2364 A67-27827 #	14 p2395 A67-27872	14 p2307 A67-27917 #
13 p2221 A67-27738	14 p2278 A67-27783	14 p2355 A67-27828 #	14 p2393 A67-27873	14 p2378 A67-27918 #
14 p2244 A67-27739 #	14 p2278 A67-27784	14 p2355 A67-27829 #	14 p2239 A67-27874	14 p2307 A67-27919 #
14 p2256 A67-27740 #	14 p2278 A67-27785	14 p2315 A67-27830 #	14 p2377 A67-27875	14 p2378 A67-27920 #
14 p2244 A67-27741 #	14 p2404 A67-27786	14 p2329 A67-27831 #	14 p2247 A67-27876	14 p2379 A67-27921 #
14 p2256 A67-27742 #	14 p2278 A67-27787	14 p2382 A67-27832 #	14 p2376 A67-27877	14 p2307 A67-27922 #
14 p2245 A67-27743 #	14 p2306 A67-27788 #	14 p2382 A67-27833 #	14 p2347 A67-27878	14 p2307 A67-27923 #
14 p2256 A67-27744 #	14 p2350 A67-27789*	14 p2341 A67-27834 #	14 p2393 A67-27879	14 p2383 A67-27924 #
14 p2256 A67-27745	14 p2350 A67-27790	14 p2295 A67-27835 #	14 p2346 A67-27880 #	14 p2308 A67-27925 #
14 p2245 A67-27746 #	14 p2334 A67-27791	14 p2364 A67-27836 #	14 p2306 A67-27881 #	14 p2383 A67-27926 #
14 p2352 A67-27747	14 p2404 A67-27792	14 p2395 A67-27837 #	14 p2306 A67-27882 #	14 p2308 A67-27927 #
14 p2363 A67-27748 #	14 p2340 A67-27793	14 p2295 A67-27838 #	14 p2383 A67-27883 #	14 p2308 A67-27928 #
14 p2352 A67-27749 #	14 p2294 A67-27794 #	14 p2355 A67-27839 #	14 p2306 A67-27884 #	14 p2308 A67-27929 #
14 p2353 A67-27750 #	14 p2294 A67-27795 #	14 p2341 A67-27840	14 p2306 A67-27885 #	14 p2379 A67-27930 #
14 p2353 A67-27751 #	14 p2239 A67-27796 #	14 p2290 A67-27841	14 p2307 A67-27886 #	14 p2308 A67-27931 #
14 p2353 A67-27752 #	14 p2239 A67-27797 #	14 p2290 A67-27842	14 p2307 A67-27887 #	14 p2308 A67-27932 #
14 p2314 A67-27753 #	14 p2350 A67-27798*	14 p2247 A67-27843	14 p2307 A67-27888 #	14 p2379 A67-27933 #
14 p2353 A67-27754 #	14 p2329 A67-27799	14 p2247 A67-27844	14 p2324 A67-27889 #	14 p2308 A67-27934 #
14 p2353 A67-27755 #	14 p2278 A67-27800	14 p2290 A67-27845	14 p2336 A67-27890	14 p2308 A67-27935 #
14 p2353 A67-27756 #	14 p2334 A67-27801	14 p2378 A67-27846	14 p2395 A67-27891	14 p2308 A67-27936 #
14 p2353 A67-27757 #	14 p2334 A67-27802	14 p2382 A67-27847	14 p2336 A67-27892 #	14 p2308 A67-27937 #
14 p2353 A67-27758 #	14 p2334 A67-27803	14 p2382 A67-27848	14 p2245 A67-27893	14 p2309 A67-27938 #
14 p2354 A67-27759 #	14 p2335 A67-27804	14 p2341 A67-27849 #	14 p2295 A67-27894	14 p2309 A67-27939 #
14 p2354 A67-27760 #	14 p2335 A67-27805	14 p2382 A67-27850	14 p2377 A67-27895 #	14 p2309 A67-27940 #

ACCESSION NUMBER INDEX

14 p2309 A67-27941 #	14 p2296 A67-27986 #	14 p2404 A67-28031 #	14 p2384 A67-28076 #	14 p2399 A67-28121 #
14 p2309 A67-27942 #	14 p2296 A67-27987 #	14 p2297 A67-28032 #	14 p2384 A67-28077 #	14 p2399 A67-28122 #
14 p2309 A67-27943 #	14 p2296 A67-27988 #	14 p2247 A67-28033 #	14 p2396 A67-28078	14 p2356 A67-28123 #
14 p2309 A67-27944 #	14 p2296 A67-27989 #	14 p2254 A67-28034*	14 p2396 A67-28079	14 p2376 A67-28124*#
14 p2383 A67-27945 #	14 p2297 A67-27990 #	14 p2282 A67-28035*	14 p2348 A67-28080*	14 p2261 A67-28125 #
14 p2309 A67-27946 #	14 p2239 A67-27991 #	14 p2256 A67-28036 #	14 p2342 A67-28081*	14 p2405 A67-28126 #
14 p2309 A67-27947 #	14 p2240 A67-27992 #	14 p2292 A67-28037 #	14 p2396 A67-28082	14 p2384 A67-28127 #
14 p2309 A67-27948 #	14 p2240 A67-27993 #	14 p2261 A67-28038 #	14 p2396 A67-28083*	14 p2347 A67-28128*#
14 p2315 A67-27949 #	14 p2240 A67-27994 #	14 p2282 A67-28039 #	14 p2397 A67-28084	14 p2297 A67-28129 #
14 p2247 A67-27950 #	14 p2297 A67-27995 #	14 p2283 A67-28040 #	14 p2393 A67-28085*	14 p2347 A67-28130 #
14 p2404 A67-27951	14 p2240 A67-27996 #	14 p2283 A67-28041 #	14 p2394 A67-28086	14 p2405 A67-28131 #
14 p2329 A67-27952	14 p2297 A67-27997 #	14 p2380 A67-28042 #	14 p2397 A67-28087	14 p2292 A67-28132 #
14 p2355 A67-27953	14 p2297 A67-27998 #	14 p2310 A67-28043*#	14 p2397 A67-28088	14 p2399 A67-28133 #
14 p2355 A67-27954	14 p2324 A67-27999	14 p2383 A67-28044 #	14 p2397 A67-28089	14 p2384 A67-28134 #
14 p2355 A67-27955	14 p2324 A67-28000*	14 p2383 A67-28045 #	14 p2397 A67-28090*	14 p2297 A67-28135 #
14 p2364 A67-27956	14 p2324 A67-28001	14 p2310 A67-28046*#	14 p2397 A67-28091	14 p2297 A67-28136 #
14 p2356 A67-27957	14 p2315 A67-28002	14 p2383 A67-28047 #	14 p2398 A67-28092	14 p2297 A67-28137*#
14 p2383 A67-27958	14 p2342 A67-28003*#	14 p2261 A67-28048 #	14 p2398 A67-28093	14 p2293 A67-28138*#
14 p2310 A67-27959	14 p2346 A67-28004*#	14 p2310 A67-28049*#	14 p2398 A67-28094*	14 p2399 A67-28139*#
14 p2379 A67-27960	14 p2279 A67-28005 #	14 p2310 A67-28050 #	14 p2384 A67-28095	14 p2399 A67-28140 #
14 p2379 A67-27961	14 p2261 A67-28006 #	14 p2380 A67-28051 #	14 p2336 A67-28096	14 p2293 A67-28141 #
14 p2379 A67-27962	14 p2279 A67-28007 #	14 p2310 A67-28052*#	14 p2398 A67-28097	14 p2240 A67-28142 #
14 p2379 A67-27963	14 p2279 A67-28008 #	14 p2393 A67-28053*#	14 p2398 A67-28098*	14 p2400 A67-28143 #
14 p2380 A67-27964*	14 p2261 A67-28009 #	14 p2310 A67-28054 #	14 p2404 A67-28099	14 p2384 A67-28144
14 p2380 A67-27965	14 p2261 A67-28010 #	14 p2384 A67-28055*#	14 p2398 A67-28100	14 p2385 A67-28145
14 p2380 A67-27966	14 p2279 A67-28011	14 p2310 A67-28056*#	14 p2398 A67-28101	14 p2385 A67-28146
14 p2380 A67-27967	14 p2280 A67-28012	14 p2381 A67-28057*#	14 p2399 A67-28102	14 p2336 A67-28147
14 p2380 A67-27968	14 p2280 A67-28013	14 p2346 A67-28058*#	14 p2399 A67-28103	14 p2336 A67-28148
14 p2383 A67-27969*	14 p2280 A67-28014	14 p2315 A67-28059	14 p2364 A67-28104 #	14 p2350 A67-28149
14 p2310 A67-27970*	14 p2280 A67-28015	14 p2245 A67-28060	14 p2364 A67-28105 #	14 p2356 A67-28150
14 p2348 A67-27971	14 p2280 A67-28016	14 p2393 A67-28061	14 p2261 A67-28106 #	14 p2350 A67-28151
14 p2260 A67-27972	14 p2280 A67-28017	14 p2245 A67-28062	14 p2240 A67-28107 #	14 p2351 A67-28152*
14 p2395 A67-27973	14 p2281 A67-28018	14 p2292 A67-28063	14 p2297 A67-28108*#	14 p2356 A67-28153
14 p2315 A67-27974	14 p2281 A67-28019	14 p2254 A67-28064*	14 p2240 A67-28109 #	14 p2342 A67-28154
14 p2342 A67-27975	14 p2281 A67-28020	14 p2254 A67-28065*	14 p2240 A67-28110*#	14 p2342 A67-28155
14 p2342 A67-27976	14 p2281 A67-28021	14 p2291 A67-28066*	14 p2240 A67-28111 #	14 p2342 A67-28156
14 p2342 A67-27977	14 p2281 A67-28022	14 p2254 A67-28067*	14 p2240 A67-28112 #	14 p2315 A67-28157 #
14 p2356 A67-27978 #	14 p2281 A67-28023	14 p2261 A67-28068 #	14 p2404 A67-28113 #	14 p2315 A67-28158 #
14 p2296 A67-27979 #	14 p2282 A67-28024	14 p2283 A67-28069 #	14 p2347 A67-28114 #	14 p2315 A67-28159 #
14 p2296 A67-27980 #	14 p2274 A67-28025	14 p2283 A67-28070 #	14 p2394 A67-28115 #	14 p2298 A67-28160*
14 p2296 A67-27981 #	14 p2282 A67-28026	14 p2261 A67-28071 #	14 p2347 A67-28116 #	14 p2299 A67-28161 #
14 p2239 A67-27982 #	14 p2282 A67-28027	14 p2283 A67-28072 #	14 p2384 A67-28117 #	14 p2299 A67-28162
14 p2239 A67-27983 #	14 p2282 A67-28028	14 p2283 A67-28073 #	14 p2399 A67-28118 #	14 p2240 A67-28163
14 p2296 A67-27984 #	14 p2282 A67-28029	14 p2315 A67-28074	14 p2399 A67-28119 #	14 p2241 A67-28164
14 p2239 A67-27985 #	14 p2395 A67-28030	14 p2384 A67-28075 #	14 p2399 A67-28120*#	14 p2241 A67-28165 #

ACCESSION NUMBER INDEX

14 p2293 A67-28166	14 p2254 A67-28211 #	14 p2400 A67-28256 #	14 p2302 A67-28301	14 p2274 A67-28346
14 p2241 A67-28167	14 p2254 A67-28212 #	14 p2348 A67-28257 #	14 p2242 A67-28302	14 p2275 A67-28347
14 p2241 A67-28168	14 p2254 A67-28213 #	14 p2340 A67-28258	14 p2405 A67-28303	14 p2251 A67-28348
14 p2241 A67-28169	14 p2257 A67-28214 #	14 p2337 A67-28259	14 p2302 A67-28304	14 p2251 A67-28349
14 p2241 A67-28170	14 p2257 A67-28215 #	14 p2365 A67-28260	14 p2405 A67-28305	14 p2303 A67-28350
14 p2299 A67-28171*	14 p2254 A67-28216 #	14 p2330 A67-28261	14 p2406 A67-28306	14 p2251 A67-28351*
14 p2242 A67-28172 #	14 p2255 A67-28217 #	14 p2330 A67-28262	14 p2242 A67-28307	14 p2251 A67-28352
14 p2299 A67-28173	14 p2257 A67-28218 #	14 p2247 A67-28263	14 p2406 A67-28308	14 p2252 A67-28353
14 p2242 A67-28174	14 p2257 A67-28219 #	14 p2302 A67-28264	14 p2406 A67-28309	14 p2304 A67-28354*#
14 p2300 A67-28175	14 p2255 A67-28220 #	14 p2247 A67-28265	14 p2406 A67-28310	14 p2304 A67-28355 #
14 p2300 A67-28176	14 p2255 A67-28221 #	14 p2247 A67-28266	14 p2406 A67-28311	14 p2304 A67-28356 #
14 p2405 A67-28177*	14 p2255 A67-28222 #	14 p2248 A67-28267	14 p2406 A67-28312	14 p2304 A67-28357 #
14 p2405 A67-28178	14 p2255 A67-28223 #	14 p2248 A67-28268	14 p2406 A67-28313	14 p2242 A67-28358 #
14 p2300 A67-28179	14 p2257 A67-28224 #	14 p2248 A67-28269	14 p2365 A67-28314	14 p2304 A67-28359 #
14 p2300 A67-28180	14 p2257 A67-28225 #	14 p2248 A67-28270	14 p2274 A67-28315	14 p2242 A67-28360 #
14 p2300 A67-28181	14 p2255 A67-28226 #	14 p2248 A67-28271	14 p2302 A67-28316	14 p2304 A67-28361*#
14 p2301 A67-28182	14 p2255 A67-28227 #	14 p2248 A67-28272	14 p2347 A67-28317	14 p2304 A67-28362 #
14 p2301 A67-28183	14 p2364 A67-28228 #	14 p2248 A67-28273	14 p2245 A67-28318 #	14 p2304 A67-28363 #
14 p2301 A67-28184	14 p2364 A67-28229 #	14 p2283 A67-28274 #	14 p2245 A67-28319 #	14 p2242 A67-28364 #
14 p2316 A67-28185	14 p2337 A67-28230 #	14 p2291 A67-28275 #	14 p2245 A67-28320 #	14 p2243 A67-28365 #
14 p2301 A67-28186	14 p2365 A67-28231 #	14 p2283 A67-28276 #	14 p2337 A67-28321*	14 p2252 A67-28366 #
14 p2301 A67-28187*	14 p2365 A67-28232 #	14 p2283 A67-28277 #	14 p2248 A67-28322	14 p2305 A67-28367 #
14 p2301 A67-28188	14 p2357 A67-28233 #	14 p2261 A67-28278 #	14 p2302 A67-28323	14 p2243 A67-28368 #
14 p2316 A67-28189	14 p2358 A67-28234 #	14 p2283 A67-28279 #	14 p2302 A67-28324	14 p2305 A67-28369 #
14 p2316 A67-28190	14 p2302 A67-28235 #	14 p2324 A67-28280 #	14 p2303 A67-28325	14 p2318 A67-28370
14 p2316 A67-28191	14 p2358 A67-28236 #	14 p2317 A67-28281 #	14 p2249 A67-28326	14 p2318 A67-28371 #
14 p2316 A67-28192*	14 p2358 A67-28237 #	14 p2358 A67-28282 #	14 p2249 A67-28327	14 p2318 A67-28372 #
14 p2316 A67-28193	14 p2365 A67-28238 #	14 p2358 A67-28283 #	14 p2303 A67-28328	14 p2319 A67-28373 #
14 p2317 A67-28194	14 p2365 A67-28239 #	14 p2337 A67-28284 #	14 p2250 A67-28329	14 p2261 A67-28374*#
14 p2317 A67-28195	14 p2358 A67-28240 #	14 p2337 A67-28285 #	14 p2250 A67-28330	14 p2311 A67-28375 #
14 p2317 A67-28196	14 p2394 A67-28241 #	14 p2337 A67-28286 #	14 p2303 A67-28331	14 p2261 A67-28376 #
14 p2317 A67-28197	14 p2311 A67-28242 #	14 p2348 A67-28287 #	14 p2250 A67-28332	14 p2283 A67-28377 #
14 p2302 A67-28198	14 p2317 A67-28243 #	14 p2283 A67-28288	14 p2250 A67-28333	14 p2284 A67-28378 #
14 p2293 A67-28199	14 p2317 A67-28244 #	14 p2330 A67-28289	14 p2303 A67-28334	14 p2262 A67-28379 #
14 p2242 A67-28200	14 p2329 A67-28245	14 p2318 A67-28290	14 p2250 A67-28335	14 p2340 A67-28380
14 p2356 A67-28201	14 p2365 A67-28246	14 p2318 A67-28291	14 p2250 A67-28336	14 p2342 A67-28381 #
14 p2356 A67-28202	14 p2358 A67-28247	14 p2330 A67-28292	14 p2251 A67-28337*	14 p2348 A67-28382 #
14 p2356 A67-28203	14 p2329 A67-28248	14 p2358 A67-28293	14 p2303 A67-28338	14 p2291 A67-28383 #
14 p2357 A67-28204	14 p2330 A67-28249	14 p2365 A67-28294	14 p2303 A67-28339	14 p2291 A67-28384 #
14 p2357 A67-28205	14 p2330 A67-28250	14 p2365 A67-28295*	14 p2318 A67-28340	14 p2342 A67-28385 #
14 p2357 A67-28206	14 p2330 A67-28251	14 p2365 A67-28296	14 p2251 A67-28341	14 p2343 A67-28386 #
14 p2302 A67-28207	14 p2330 A67-28252	14 p2259 A67-28297*	14 p2318 A67-28342	14 p2343 A67-28387 #
14 p2357 A67-28208*	14 p2330 A67-28253	14 p2259 A67-28298*	14 p2251 A67-28343*	14 p2262 A67-28388
14 p2357 A67-28209	14 p2405 A67-28254 #	14 p2259 A67-28299	14 p2251 A67-28344	14 p2263 A67-28389
14 p2256 A67-28210 #	14 p2405 A67-28255 #	14 p2259 A67-28300*	14 p2318 A67-28345	14 p2263 A67-28390

ACCESSION NUMBER INDEX

14 p2263 A67-28391	14 p2285 A67-28436	14 p2386 A67-28481*	14 p2367 A67-28526 #	14 p2312 A67-28571
14 p2319 A67-28392	14 p2285 A67-28437	14 p2351 A67-28482	14 p2367 A67-28527 #	14 p2312 A67-28572
14 p2264 A67-28393	14 p2285 A67-28438	14 p2305 A67-28483	14 p2368 A67-28528 #	14 p2313 A67-28573
14 p2264 A67-28394	14 p2275 A67-28439	14 p2359 A67-28484	14 p2368 A67-28529 #	14 p2313 A67-28574
14 p2264 A67-28395*	14 p2385 A67-28440	14 p2386 A67-28485	14 p2286 A67-28530 #	14 p2313 A67-28575
14 p2311 A67-28396	14 p2385 A67-28441	14 p2366 A67-28486	14 p2368 A67-28531 #	14 p2313 A67-28576*
14 p2264 A67-28397	14 p2385 A67-28442	14 p2366 A67-28487	14 p2368 A67-28532 #	14 p2270 A67-28577
14 p2264 A67-28398	14 p2386 A67-28443	14 p2338 A67-28488	14 p2368 A67-28533 #	14 p2387 A67-28578*
14 p2264 A67-28399	14 p2319 A67-28444	14 p2366 A67-28489	14 p2331 A67-28534 #	14 p2381 A67-28579
14 p2264 A67-28400	14 p2386 A67-28445	14 p2406 A67-28490	14 p2368 A67-28535 #	14 p2348 A67-28580
14 p2311 A67-28401	14 p2386 A67-28446	14 p2338 A67-28491	14 p2368 A67-28536 #	14 p2351 A67-28581
14 p2265 A67-28402	14 p2268 A67-28447	14 p2400 A67-28492	14 p2368 A67-28537 #	14 p2387 A67-28582
14 p2265 A67-28403	14 p2268 A67-28448	14 p2400 A67-28493	14 p2368 A67-28538 #	14 p2270 A67-28583
14 p2385 A67-28404	14 p2285 A67-28449	14 p2331 A67-28494	14 p2360 A67-28539	14 p2270 A67-28584
14 p2385 A67-28405	14 p2285 A67-28450	14 p2319 A67-28495	14 p2360 A67-28540	14 p2319 A67-28585
14 p2311 A67-28406	14 p2285 A67-28451	14 p2366 A67-28496	14 p2369 A67-28541	14 p2286 A67-28586 #
14 p2311 A67-28407	14 p2291 A67-28452	14 p2366 A67-28497	14 p2331 A67-28542	14 p2286 A67-28587 #
14 p2311 A67-28408*	14 p2291 A67-28453	14 p2331 A67-28498	14 p2360 A67-28543	14 p2256 A67-28588*
14 p2312 A67-28409	14 p2268 A67-28454	14 p2409 A67-28499 #	14 p2406 A67-28544	14 p2270 A67-28589
14 p2265 A67-28410	14 p2269 A67-28455*	14 p2377 A67-28500 #	14 p2406 A67-28545	14 p2319 A67-28590 #
14 p2312 A67-28411	14 p2269 A67-28456	14 p2343 A67-28501 #	14 p2406 A67-28546	14 p2319 A67-28591 #
14 p2265 A67-28412	14 p2269 A67-28457	14 p2343 A67-28502 #	14 p2406 A67-28547	14 p2387 A67-28592 #
14 p2265 A67-28413	14 p2285 A67-28458	14 p2343 A67-28503 #	14 p2407 A67-28548 #	14 p2293 A67-28593
14 p2265 A67-28414	14 p2291 A67-28459	14 p2359 A67-28504 #	14 p2407 A67-28549	14 p2286 A67-28594 #
14 p2266 A67-28415	14 p2291 A67-28460	14 p2366 A67-28505 #	14 p2407 A67-28550	14 p2369 A67-28595 #
14 p2266 A67-28416	14 p2358 A67-28461	14 p2387 A67-28506	14 p2376 A67-28551	14 p2369 A67-28596 #
14 p2266 A67-28417	14 p2359 A67-28462	14 p2286 A67-28507*	14 p2376 A67-28552	14 p2369 A67-28597 #
14 p2337 A67-28418*	14 p2359 A67-28463	14 p2269 A67-28508	14 p2360 A67-28553	14 p2369 A67-28598*#
14 p2337 A67-28419	14 p2359 A67-28464	14 p2359 A67-28509	14 p2360 A67-28554	14 p2369 A67-28599 #
14 p2400 A67-28420	14 p2286 A67-28465	14 p2291 A67-28510	14 p2360 A67-28555	14 p2369 A67-28600 #
14 p2366 A67-28421	14 p2286 A67-28466	14 p2359 A67-28511	14 p2360 A67-28556	14 p2369 A67-28601 #
14 p2337 A67-28422	14 p2330 A67-28467	14 p2359 A67-28512	14 p2360 A67-28557	14 p2320 A67-28602 #
14 p2338 A67-28423	14 p2386 A67-28468	14 p2351 A67-28513	14 p2407 A67-28558	14 p2331 A67-28603 #
14 p2400 A67-28424	14 p2330 A67-28469	14 p2367 A67-28514	14 p2331 A67-28559	14 p2360 A67-28604 #
14 p2259 A67-28425*	14 p2330 A67-28470	14 p2367 A67-28515	14 p2387 A67-28560*	14 p2409 A67-28605 #
14 p2366 A67-28426 #	14 p2331 A67-28471	14 p2367 A67-28516	14 p2387 A67-28561	14 p2320 A67-28606 #
14 p2381 A67-28427 #	14 p2319 A67-28472	14 p2387 A67-28517	14 p2319 A67-28562	14 p2270 A67-28607 #
14 p2266 A67-28428	14 p2366 A67-28473	14 p2312 A67-28518	14 p2319 A67-28563*	14 p2331 A67-28608 #
14 p2284 A67-28429	14 p2366 A67-28474	14 p2305 A67-28519 #	14 p2387 A67-28564*	14 p2324 A67-28609 #
14 p2284 A67-28430	14 p2386 A67-28475	14 p2367 A67-28520 #	14 p2387 A67-28565*	14 p2286 A67-28610
14 p2284 A67-28431	14 p2386 A67-28476*	14 p2367 A67-28521 #	14 p2252 A67-28566	14 p2287 A67-28611
14 p2284 A67-28432	14 p2260 A67-28477*	14 p2270 A67-28522 #	14 p2270 A67-28567	14 p2369 A67-28612
14 p2284 A67-28433	14 p2343 A67-28478*	14 p2400 A67-28523 #	14 p2252 A67-28568	14 p2369 A67-28613
14 p2284 A67-28434	14 p2260 A67-28479*	14 p2367 A67-28524 #	14 p2312 A67-28569	14 p2338 A67-28614
14 p2284 A67-28435	14 p2255 A67-28480*	14 p2367 A67-28525 #	14 p2312 A67-28570	14 p2338 A67-28615

ACCESSION NUMBER INDEX

14 p2338 A67-28616	14 p2257 A67-28661	14 p2272 A67-28706	14 p2293 A67-28751*	14 p2327 A67-28796
14 p2381 A67-28617*	14 p2256 A67-28662*	14 p2292 A67-28707	14 p2293 A67-28752	14 p2327 A67-28797*#
14 p2387 A67-28618	14 p2258 A67-28663*	14 p2273 A67-28708*	14 p2361 A67-28753 #	14 p2273 A67-28798
14 p2388 A67-28619	14 p2258 A67-28664*	14 p2273 A67-28709*	14 p2371 A67-28754 #	14 p2273 A67-28799*
14 p2313 A67-28620	14 p2258 A67-28665 #	14 p2273 A67-28710*	14 p2372 A67-28755 #	14 p2408 A67-28800 #
14 p2313 A67-28621	14 p2258 A67-28666*	14 p2273 A67-28711*	14 p2372 A67-28756 #	14 p2305 A67-28801 #
14 p2313 A67-28622	14 p2258 A67-28667	14 p2273 A67-28712	14 p2372 A67-28757 #	14 p2408 A67-28802 #
14 p2407 A67-28623	14 p2258 A67-28668	14 p2331 A67-28713	14 p2372 A67-28758 #	14 p2408 A67-28803 #
14 p2407 A67-28624	14 p2258 A67-28669	14 p2370 A67-28714*	14 p2332 A67-28759 #	14 p2408 A67-28804 #
14 p2287 A67-28625	14 p2344 A67-28670 #	14 p2331 A67-28715	14 p2372 A67-28760 #	14 p2408 A67-28805 #
14 p2343 A67-28626	14 p2344 A67-28671 #	14 p2332 A67-28716	14 p2372 A67-28761 #	14 p2361 A67-28806 #
14 p2338 A67-28627 #	14 p2369 A67-28672 #	14 p2370 A67-28717	14 p2361 A67-28762 #	14 p2288 A67-28807 #
14 p2338 A67-28628 #	14 p2370 A67-28673 #	14 p2370 A67-28718	14 p2346 A67-28763 #	14 p2372 A67-28808 #
14 p2324 A67-28629 #	14 p2338 A67-28674 #	14 p2370 A67-28719	14 p2346 A67-28764 #	14 p2344 A67-28809 #
14 p2324 A67-28630 #	14 p2338 A67-28675 #	14 p2370 A67-28720	14 p2346 A67-28765 #	14 p2344 A67-28810 #
14 p2343 A67-28631 #	14 p2287 A67-28676	14 p2370 A67-28721	14 p2313 A67-28766 #	14 p2351 A67-28811*
14 p2343 A67-28632 #	14 p2287 A67-28677*	14 p2371 A67-28722	14 p2313 A67-28767 #	14 p2349 A67-28812
14 p2349 A67-28633 #	14 p2243 A67-28678	14 p2371 A67-28723	14 p2313 A67-28768 #	14 p2402 A67-28813 #
14 p2344 A67-28634 #	14 p2270 A67-28679	14 p2371 A67-28724	14 p2288 A67-28769	14 p2361 A67-28814 #
14 p2292 A67-28635 #	14 p2287 A67-28680 #	14 p2371 A67-28725	14 p2325 A67-28770	14 p2402 A67-28815 #
14 p2351 A67-28636 #	14 p2287 A67-28681*#	14 p2371 A67-28726	14 p2276 A67-28771	14 p2408 A67-28816 #
14 p2388 A67-28637 #	14 p2271 A67-28682 #	14 p2371 A67-28727	14 p2288 A67-28772	14 p2246 A67-28817 #
14 p2245 A67-28638 #	14 p2275 A67-28683*#	14 p2371 A67-28728*	14 p2321 A67-28773	14 p2332 A67-28818
14 p2243 A67-28639 #	14 p2275 A67-28684 #	14 p2245 A67-28729 #	14 p2321 A67-28774	14 p2327 A67-28819 #
14 p2394 A67-28640 #	14 p2271 A67-28685 #	14 p2246 A67-28730 #	14 p2321 A67-28775	14 p2327 A67-28820 #
14 p2243 A67-28641 #	14 p2287 A67-28686*#	14 p2246 A67-28731 #	14 p2321 A67-28776	14 p2327 A67-28821 #
14 p2400 A67-28642 #	14 p2288 A67-28687 #	14 p2259 A67-28732 #	14 p2321 A67-28777	14 p2327 A67-28822
14 p2400 A67-28643 #	14 p2259 A67-28688 #	14 p2401 A67-28733 #	14 p2321 A67-28778	14 p2372 A67-28823
14 p2401 A67-28644 #	14 p2275 A67-28689 #	14 p2401 A67-28734 #	14 p2325 A67-28779	14 p2289 A67-28824
14 p2401 A67-28645 #	14 p2275 A67-28690*#	14 p2401 A67-28735 #	14 p2288 A67-28780	14 p2289 A67-28825
14 p2407 A67-28646 #	14 p2271 A67-28691*#	14 p2401 A67-28736 #	14 p2260 A67-28781*	14 p2372 A67-28826
14 p2407 A67-28647 #	14 p2288 A67-28692 #	14 p2401 A67-28737 #	14 p2260 A67-28782*	14 p2321 A67-28827*
14 p2377 A67-28648 #	14 p2288 A67-28693 #	14 p2349 A67-28738 #	14 p2325 A67-28783	14 p2321 A67-28828
14 p2407 A67-28649 #	14 p2271 A67-28694*#	14 p2401 A67-28739 #	14 p2325 A67-28784	14 p2339 A67-28829*
14 p2320 A67-28650 #	14 p2271 A67-28695*#	14 p2402 A67-28740 #	14 p2325 A67-28785	14 p2388 A67-28830
14 p2377 A67-28651 #	14 p2272 A67-28696*#	14 p2320 A67-28741 #	14 p2325 A67-28786	14 p2381 A67-28831*
14 p2252 A67-28652 #	14 p2409 A67-28697 #	14 p2344 A67-28742 #	14 p2325 A67-28787	14 p2388 A67-28832*
14 p2377 A67-28653 #	14 p2272 A67-28698 #	14 p2361 A67-28743 #	14 p2325 A67-28788	14 p2388 A67-28833*
14 p2325 A67-28654 #	14 p2272 A67-28699 #	14 p2349 A67-28744 #	14 p2326 A67-28789	14 p2388 A67-28834*
14 p2401 A67-28655 #	14 p2320 A67-28700*#	14 p2349 A67-28745 #	14 p2326 A67-28790	14 p2381 A67-28835*
14 p2243 A67-28656 #	14 p2394 A67-28701 #	14 p2320 A67-28746	14 p2326 A67-28791	14 p2388 A67-28836*
14 p2401 A67-28657 #	14 p2243 A67-28702 #	14 p2288 A67-28747	14 p2326 A67-28792	14 p2389 A67-28837
14 p2408 A67-28658 #	14 p2272 A67-28703*	14 p2320 A67-28748	14 p2326 A67-28793	14 p2389 A67-28838
14 p2243 A67-28659 #	14 p2272 A67-28704	14 p2293 A67-28749	14 p2326 A67-28794	14 p2389 A67-28839*
14 p2257 A67-28660	14 p2272 A67-28705	14 p2320 A67-28750	14 p2326 A67-28795*	14 p2389 A67-28840*

ACCESSION NUMBER INDEX

14 p2389 A67-28841	14 p2390 A67-28886 #	14 p2290 A67-28931	14 p2305 A67-28976	14 p2253 A67-29021
14 p2389 A67-28842*	14 p2314 A67-28887*#	14 p2408 A67-28932 #	14 p2243 A67-28977	14 p2253 A67-29022
14 p2389 A67-28843	14 p2390 A67-28888*#	14 p2409 A67-28933	14 p2305 A67-28978	14 p2253 A67-29023
14 p2389 A67-28844*	14 p2390 A67-28889*#	14 p2345 A67-28934 #	14 p2377 A67-28979	14 p2253 A67-29024
14 p2389 A67-28845*	14 p2390 A67-28890*#	14 p2292 A67-28935 #	14 p2373 A67-28980	14 p2253 A67-29025
14 p2381 A67-28846	14 p2341 A67-28891*	14 p2409 A67-28936 #	14 p2374 A67-28981	14 p2393 A67-29026
14 p2276 A67-28847*	14 p2408 A67-28892 #	14 p2345 A67-28937 #	14 p2374 A67-28982	14 p2314 A67-29027*
14 p2314 A67-28848*	14 p2328 A67-28893	14 p2345 A67-28938 #	14 p2374 A67-28983	14 p2382 A67-29028
14 p2314 A67-28849*	14 p2344 A67-28894 #	14 p2345 A67-28939 #	14 p2374 A67-28984	14 p2393 A67-29029
14 p2389 A67-28850*	14 p2344 A67-28895 #	14 p2345 A67-28940 #	14 p2333 A67-28985	14 p2339 A67-29030
14 p2390 A67-28851*	14 p2344 A67-28896 #	14 p2382 A67-28941 #	14 p2374 A67-28986	14 p2339 A67-29031
14 p2372 A67-28852 #	14 p2402 A67-28897 #	14 p2390 A67-28942 #	14 p2374 A67-28987	14 p2339 A67-29032
14 p2372 A67-28853 #	14 p2292 A67-28898	14 p2390 A67-28943 #	14 p2375 A67-28988	14 p2340 A67-29033
14 p2332 A67-28854 #	14 p2349 A67-28899	14 p2351 A67-28944 #	14 p2322 A67-28989	14 p2361 A67-29034*
14 p2373 A67-28855 #	14 p2390 A67-28900	14 p2391 A67-28945 #	14 p2347 A67-28990	14 p2294 A67-29035 #
14 p2332 A67-28856 #	14 p2402 A67-28901 #	14 p2391 A67-28946 #	14 p2347 A67-28991	14 p2294 A67-29036*#
14 p2332 A67-28857 #	14 p2292 A67-28902 #	14 p2391 A67-28947	14 p2392 A67-28992	14 p2362 A67-29037*#
14 p2373 A67-28858	14 p2376 A67-28903	14 p2391 A67-28948	14 p2392 A67-28993	14 p2362 A67-29038 #
14 p2373 A67-28859	14 p2361 A67-28904	14 p2391 A67-28949	14 p2351 A67-28994	14 p2362 A67-29039*#
14 p2373 A67-28860	14 p2344 A67-28905	14 p2391 A67-28950*	14 p2392 A67-28995	14 p2253 A67-29040 #
14 p2273 A67-28861 #	14 p2345 A67-28906	14 p2391 A67-28951	14 p2392 A67-28996*	14 p2394 A67-29041 #
14 p2289 A67-28862 #	14 p2345 A67-28907	14 p2314 A67-28952*	14 p2393 A67-28997	14 p2294 A67-29042 #
14 p2289 A67-28863 #	14 p2345 A67-28908	14 p2341 A67-28953	14 p2290 A67-28998	14 p2375 A67-29043 #
14 p2289 A67-28864 #	14 p2345 A67-28909*	14 p2341 A67-28954	14 p2375 A67-28999	14 p2253 A67-29044 #
14 p2327 A67-28865 #	14 p2274 A67-28910	14 p2377 A67-28955	14 p2276 A67-29000	14 p2322 A67-29045 #
14 p2339 A67-28866 #	14 p2289 A67-28911	14 p2276 A67-28956	14 p2339 A67-29001	14 p2362 A67-29046 #
14 p2402 A67-28867 #	14 p2274 A67-28912	14 p2314 A67-28957	14 p2403 A67-29002	14 p2362 A67-29047*#
14 p2340 A67-28868 #	14 p2289 A67-28913	14 p2391 A67-28958	14 p2339 A67-29003	14 p2246 A67-29048 #
14 p2252 A67-28869 #	14 p2274 A67-28914	14 p2392 A67-28959	14 p2328 A67-29004	14 p2244 A67-29049 #
14 p2402 A67-28870 #	14 p2289 A67-28915	14 p2392 A67-28960	14 p2403 A67-29005*	14 p2244 A67-29050 #
14 p2402 A67-28871 #	14 p2373 A67-28916	14 p2392 A67-28961	14 p2349 A67-29006	14 p2395 A67-29051 #
14 p2327 A67-28872 #	14 p2289 A67-28917	14 p2377 A67-28962	14 p2290 A67-29007	14 p2306 A67-29052 #
14 p2328 A67-28873 #	14 p2276 A67-28918	14 p2347 A67-28963	14 p2290 A67-29008	14 p2294 A67-29053 #
14 p2394 A67-28874 #	14 p2276 A67-28919	14 p2322 A67-28964	14 p2305 A67-29009	14 p2246 A67-29054 #
14 p2394 A67-28875 #	14 p2321 A67-28920	14 p2392 A67-28965	14 p2322 A67-29010	14 p2244 A67-29055 #
14 p2328 A67-28876 #	14 p2289 A67-28921	14 p2382 A67-28966	14 p2403 A67-29011	14 p2244 A67-29056*#
14 p2321 A67-28877 #	14 p2361 A67-28922	14 p2332 A67-28967	14 p2305 A67-29012	14 p2404 A67-29057 #
14 p2402 A67-28878 #	14 p2274 A67-28923	14 p2373 A67-28968 #	14 p2403 A67-29013	14 p2395 A67-29058 #
14 p2328 A67-28879 #	14 p2289 A67-28924	14 p2333 A67-28969 #	14 p2403 A67-29014	14 p2346 A67-29059*
14 p2408 A67-28880 #	14 p2373 A67-28925	14 p2333 A67-28970 #	14 p2403 A67-29015	14 p2341 A67-29060
14 p2328 A67-28881 #	14 p2290 A67-28926	14 p2333 A67-28971 #	14 p2403 A67-29016	14 p2306 A67-29061
14 p2341 A67-28882 #	14 p2290 A67-28927	14 p2333 A67-28972 #	14 p2403 A67-29017	14 p2292 A67-29062
14 p2328 A67-28883 #	14 p2290 A67-28928	14 p2333 A67-28973 #	14 p2252 A67-29018	14 p2349 A67-29063
14 p2246 A67-28884 #	14 p2373 A67-28929	14 p2333 A67-28974 #	14 p2252 A67-29019	14 p2409 A67-29064 #
14 p2347 A67-28885 #	14 p2290 A67-28930	14 p2333 A67-28975 #	14 p2253 A67-29020	14 p2375 A67-29065 #

ACCESSION NUMBER INDEX

14 p2363 A67-29066 #	15 p2426 A67-29111*	15 p2519 A67-29156	15 p2512 A67-29201 #	15 p2525 A67-29246 #
14 p2363 A67-29067 #	15 p2426 A67-29112	15 p2553 A67-29157*	15 p2474 A67-29202 #	15 p2525 A67-29247 #
14 p2363 A67-29068 #	15 p2426 A67-29113*	15 p2473 A67-29158*	15 p2549 A67-29203*#	15 p2525 A67-29248 #
14 p2375 A67-29069 #	15 p2426 A67-29114*	15 p2553 A67-29159	15 p2522 A67-29204	15 p2525 A67-29249 #
14 p2375 A67-29070 #	15 p2426 A67-29115*	15 p2553 A67-29160	15 p2509 A67-29205*	15 p2525 A67-29250 #
14 p2363 A67-29071 #	15 p2433 A67-29116*	15 p2439 A67-29161	15 p2522 A67-29206	15 p2525 A67-29251 #
14 p2351 A67-29072 #	15 p2427 A67-29117	15 p2485 A67-29162	15 p2522 A67-29207*	15 p2525 A67-29252 #
14 p2352 A67-29073 #	15 p2427 A67-29118	15 p2485 A67-29163	15 p2522 A67-29208	15 p2525 A67-29253 #
14 p2334 A67-29074 #	15 p2455 A67-29119 #	15 p2572 A67-29164	15 p2519 A67-29209	15 p2526 A67-29254 #
14 p2349 A67-29075 #	15 p2455 A67-29120 #	15 p2545 A67-29165	15 p2522 A67-29210	15 p2526 A67-29255 #
14 p2363 A67-29076 #	15 p2455 A67-29121 #	15 p2442 A67-29166	15 p2522 A67-29211	15 p2526 A67-29256 #
14 p2363 A67-29077 #	15 p2455 A67-29122 #	15 p2455 A67-29167*	15 p2523 A67-29212	15 p2526 A67-29257 #
14 p2334 A67-29078 #	15 p2455 A67-29123 #	15 p2434 A67-29168	15 p2523 A67-29213	15 p2526 A67-29258 #
14 p2375 A67-29079 #	15 p2485 A67-29124 #	15 p2442 A67-29169*#	15 p2523 A67-29214	15 p2526 A67-29259 #
14 p2348 A67-29080	15 p2485 A67-29125 #	15 p2456 A67-29170	15 p2523 A67-29215	15 p2486 A67-29260 #
14 p2322 A67-29081	15 p2485 A67-29126 #	15 p2442 A67-29171	15 p2523 A67-29216	15 p2502 A67-29261
14 p2246 A67-29082	15 p2422 A67-29127 #	15 p2442 A67-29172	15 p2469 A67-29217	15 p2415 A67-29262 #
14 p2322 A67-29083	15 p2468 A67-29128	15 p2496 A67-29173	15 p2523 A67-29218*	15 p2533 A67-29263
14 p2322 A67-29084*	15 p2578 A67-29129	15 p2442 A67-29174	15 p2523 A67-29219*	15 p2533 A67-29264
14 p2375 A67-29085 #	15 p2578 A67-29130	15 p2509 A67-29175	15 p2469 A67-29220*	15 p2517 A67-29265
14 p2375 A67-29086 #	15 p2516 A67-29131*	15 p2442 A67-29176*	15 p2469 A67-29221	15 p2509 A67-29266*
14 p2376 A67-29087 #	15 p2468 A67-29132	15 p2521 A67-29177	15 p2469 A67-29222*	15 p2427 A67-29267*
14 p2376 A67-29088 #	15 p2469 A67-29133	15 p2496 A67-29178	15 p2469 A67-29223*	15 p2427 A67-29268*#
15 p2533 A67-29089	15 p2427 A67-29134*	15 p2442 A67-29179	15 p2469 A67-29224	15 p2427 A67-29269
15 p2543 A67-29090	15 p2430 A67-29135	15 p2442 A67-29180	15 p2469 A67-29225*	15 p2427 A67-29270
15 p2496 A67-29091	15 p2545 A67-29136	15 p2434 A67-29181	15 p2470 A67-29226	15 p2428 A67-29271*
15 p2513 A67-29092	15 p2485 A67-29137 #	15 p2442 A67-29182*	15 p2470 A67-29227	15 p2428 A67-29272 #
15 p2551 A67-29093 #	15 p2551 A67-29138 #	15 p2553 A67-29183*#	15 p2523 A67-29228	15 p2428 A67-29273
15 p2564 A67-29094	15 p2551 A67-29139 #	15 p2549 A67-29184 #	15 p2523 A67-29229*	15 p2430 A67-29274*
15 p2551 A67-29095 #	15 p2549 A67-29140 #	15 p2521 A67-29185*#	15 p2524 A67-29230	15 p2428 A67-29275
15 p2423 A67-29096	15 p2549 A67-29141 #	15 p2435 A67-29186 #	15 p2524 A67-29231	15 p2428 A67-29276 #
15 p2424 A67-29097*	15 p2551 A67-29142 #	15 p2473 A67-29187 #	15 p2509 A67-29232	15 p2428 A67-29277*
15 p2424 A67-29098*	15 p2552 A67-29143 #	15 p2521 A67-29188 #	15 p2543 A67-29233	15 p2430 A67-29278*#
15 p2430 A67-29099*	15 p2549 A67-29144 #	15 p2519 A67-29189 #	15 p2470 A67-29234 #	15 p2428 A67-29279
15 p2430 A67-29100	15 p2552 A67-29145 #	15 p2519 A67-29190 #	15 p2572 A67-29235 #	15 p2429 A67-29280*
15 p2430 A67-29101	15 p2552 A67-29146 #	15 p2435 A67-29191 #	15 p2496 A67-29236 #	15 p2430 A67-29281*
15 p2424 A67-29102	15 p2552 A67-29147 #	15 p2521 A67-29192*#	15 p2486 A67-29237 #	15 p2431 A67-29282
15 p2425 A67-29103	15 p2552 A67-29148 #	15 p2474 A67-29193*#	15 p2456 A67-29238	15 p2429 A67-29283
15 p2425 A67-29104*	15 p2552 A67-29149 #	15 p2521 A67-29194	15 p2443 A67-29239	15 p2429 A67-29284 #
15 p2425 A67-29105	15 p2552 A67-29150 #	15 p2469 A67-29195	15 p2456 A67-29240*	15 p2443 A67-29285 #
15 p2425 A67-29106	15 p2485 A67-29151 #	15 p2522 A67-29196	15 p2553 A67-29241	15 p2443 A67-29286 #
15 p2425 A67-29107	15 p2516 A67-29152 #	15 p2435 A67-29197	15 p2564 A67-29242	15 p2443 A67-29287 #
15 p2425 A67-29108	15 p2552 A67-29153 #	15 p2522 A67-29198	15 p2524 A67-29243	15 p2435 A67-29288 #
15 p2426 A67-29109*	15 p2552 A67-29154 #	15 p2509 A67-29199*	15 p2524 A67-29244 #	15 p2443 A67-29289 #
15 p2426 A67-29110*	15 p2553 A67-29155 #	15 p2516 A67-29200	15 p2524 A67-29245 #	15 p2435 A67-29290 #

ACCESSION NUMBER INDEX

15 p2435 A67-29291 #	15 p2443 A67-29336 #	15 p2470 A67-29381 #	15 p2516 A67-29426 #	15 p2574 A67-29471 #
15 p2443 A67-29292 #	15 p2435 A67-29337 #	15 p2486 A67-29382 #	15 p2492 A67-29427 #	15 p2527 A67-29472
15 p2431 A67-29293*	15 p2435 A67-29338 #	15 p2509 A67-29383	15 p2416 A67-29428 #	15 p2458 A67-29473
15 p2429 A67-29294*	15 p2435 A67-29339 #	15 p2527 A67-29384	15 p2436 A67-29429 #	15 p2527 A67-29474
15 p2533 A67-29295*	15 p2443 A67-29340 #	15 p2534 A67-29385 #	15 p2458 A67-29430 #	15 p2527 A67-29475
15 p2433 A67-29296*	15 p2443 A67-29341 #	15 p2444 A67-29386 #	15 p2545 A67-29431 #	15 p2527 A67-29476
15 p2429 A67-29297*	15 p2534 A67-29342 #	15 p2474 A67-29387 #	15 p2416 A67-29432 #	15 p2535 A67-29477
15 p2486 A67-29298	15 p2534 A67-29343 #	15 p2497 A67-29388	15 p2419 A67-29433*#	15 p2535 A67-29478
15 p2486 A67-29299	15 p2534 A67-29344 #	15 p2497 A67-29389	15 p2579 A67-29434*#	15 p2474 A67-29479
15 p2553 A67-29300*	15 p2496 A67-29345 #	15 p2497 A67-29390	15 p2545 A67-29435 #	15 p2436 A67-29480
15 p2553 A67-29301	15 p2496 A67-29346 #	15 p2497 A67-29391	15 p2579 A67-29436 #	15 p2487 A67-29481
15 p2486 A67-29302	15 p2435 A67-29347 #	15 p2497 A67-29392	15 p2465 A67-29437 #	15 p2527 A67-29482
15 p2415 A67-29303	15 p2435 A67-29348 #	15 p2497 A67-29393	15 p2470 A67-29438*#	15 p2535 A67-29483
15 p2543 A67-29304	15 p2435 A67-29349 #	15 p2497 A67-29394	15 p2431 A67-29439*#	15 p2498 A67-29484
15 p2543 A67-29305	15 p2435 A67-29350 #	15 p2497 A67-29395	15 p2486 A67-29440 #	15 p2517 A67-29485*
15 p2439 A67-29306	15 p2443 A67-29351 #	15 p2418 A67-29396 #	15 p2470 A67-29441 #	15 p2535 A67-29486*
15 p2486 A67-29307	15 p2526 A67-29352 #	15 p2418 A67-29397 #	15 p2416 A67-29442 #	15 p2535 A67-29487
15 p2415 A67-29308 #	15 p2436 A67-29353 #	15 p2444 A67-29398 #	15 p2422 A67-29443*#	15 p2535 A67-29488
15 p2415 A67-29309 #	15 p2443 A67-29354 #	15 p2465 A67-29399 #	15 p2419 A67-29444 #	15 p2535 A67-29489
15 p2470 A67-29310 #	15 p2443 A67-29355 #	15 p2564 A67-29400 #	15 p2545 A67-29445*#	15 p2470 A67-29490
15 p2572 A67-29311 #	15 p2443 A67-29356 #	15 p2573 A67-29401	15 p2465 A67-29446 #	15 p2517 A67-29491
15 p2573 A67-29312 #	15 p2443 A67-29357 #	15 p2573 A67-29402	15 p2417 A67-29447*#	15 p2535 A67-29492
15 p2418 A67-29313 #	15 p2534 A67-29358 #	15 p2433 A67-29403*	15 p2417 A67-29448 #	15 p2492 A67-29493*
15 p2415 A67-29314 #	15 p2534 A67-29359	15 p2509 A67-29404	15 p2565 A67-29449 #	15 p2520 A67-29494
15 p2533 A67-29315 #	15 p2496 A67-29360	15 p2554 A67-29405*	15 p2429 A67-29450*#	15 p2536 A67-29495*
15 p2554 A67-29316 #	15 p2526 A67-29361	15 p2418 A67-29406	15 p2579 A67-29451*#	15 p2536 A67-29496
15 p2533 A67-29317 #	15 p2456 A67-29362	15 p2416 A67-29407	15 p2545 A67-29452 #	15 p2498 A67-29497
15 p2578 A67-29318 #	15 p2456 A67-29363	15 p2416 A67-29408*	15 p2444 A67-29453	15 p2487 A67-29498
15 p2579 A67-29319 #	15 p2456 A67-29364*	15 p2416 A67-29409*	15 p2444 A67-29454	15 p2536 A67-29499
15 p2415 A67-29320 #	15 p2456 A67-29365*	15 p2486 A67-29410*#	15 p2444 A67-29455	15 p2487 A67-29500
15 p2470 A67-29321 #	15 p2457 A67-29366*	15 p2419 A67-29411 #	15 p2444 A67-29456	15 p2465 A67-29501
15 p2579 A67-29322 #	15 p2457 A67-29367*	15 p2436 A67-29412 #	15 p2444 A67-29457	15 p2492 A67-29502
15 p2579 A67-29323 #	15 p2457 A67-29368	15 p2436 A67-29413 #	15 p2554 A67-29458 #	15 p2536 A67-29503 #
15 p2534 A67-29324*	15 p2457 A67-29369*	15 p2444 A67-29414 #	15 p2554 A67-29459 #	15 p2444 A67-29504 #
15 p2534 A67-29325	15 p2457 A67-29370*	15 p2444 A67-29415 #	15 p2554 A67-29460 #	15 p2474 A67-29505 #
15 p2534 A67-29326	15 p2509 A67-29371*	15 p2439 A67-29416 #	15 p2509 A67-29461*	15 p2502 A67-29506
15 p2534 A67-29327	15 p2457 A67-29372	15 p2419 A67-29417	15 p2510 A67-29462	15 p2517 A67-29507
15 p2415 A67-29328 #	15 p2457 A67-29373*	15 p2573 A67-29418 #	15 p2517 A67-29463	15 p2419 A67-29508 #
15 p2564 A67-29329 #	15 p2457 A67-29374*	15 p2573 A67-29419 #	15 p2517 A67-29464 #	15 p2419 A67-29509 #
15 p2519 A67-29330*	15 p2457 A67-29375	15 p2573 A67-29420 #	15 p2573 A67-29465 #	15 p2487 A67-29510 #
15 p2519 A67-29331*	15 p2554 A67-29376 #	15 p2564 A67-29421 #	15 p2573 A67-29466 #	15 p2498 A67-29511 #
15 p2470 A67-29332	15 p2465 A67-29377 #	15 p2564 A67-29422*#	15 p2486 A67-29467 #	15 p2498 A67-29512 #
15 p2517 A67-29333 #	15 p2502 A67-29378 #	15 p2564 A67-29423*#	15 p2498 A67-29468 #	15 p2498 A67-29513 #
15 p2443 A67-29334 #	15 p2416 A67-29379 #	15 p2564 A67-29424 #	15 p2498 A67-29469 #	15 p2527 A67-29514 #
15 p2443 A67-29335 #	15 p2416 A67-29380 #	15 p2465 A67-29425 #	15 p2487 A67-29470 #	15 p2554 A67-29515 #

ACCESSION NUMBER INDEX

15 p2554 A67-29516 #	15 p2503 A67-29561*	15 p2493 A67-29606 #	15 p2471 A67-29651 #	15 p2458 A67-29696 #
15 p2527 A67-29517 #	15 p2503 A67-29562	15 p2493 A67-29607 #	15 p2471 A67-29652 #	15 p2579 A67-29697 #
15 p2510 A67-29518 #	15 p2527 A67-29563*#	15 p2493 A67-29608 #	15 p2471 A67-29653 #	15 p2477 A67-29698 #
15 p2510 A67-29519	15 p2528 A67-29564 #	15 p2555 A67-29609 #	15 p2417 A67-29654 #	15 p2574 A67-29699 #
15 p2510 A67-29520	15 p2528 A67-29565 #	15 p2475 A67-29610*#	15 p2471 A67-29655*#	15 p2536 A67-29700 #
15 p2510 A67-29521	15 p2579 A67-29566 #	15 p2555 A67-29611*#	15 p2471 A67-29656 #	15 p2499 A67-29701 #
15 p2510 A67-29522	15 p2528 A67-29567 #	15 p2475 A67-29612*#	15 p2472 A67-29657 #	15 p2537 A67-29702 #
15 p2474 A67-29523 #	15 p2528 A67-29568 #	15 p2475 A67-29613 #	15 p2517 A67-29658 #	15 p2537 A67-29703 #
15 p2474 A67-29524 #	15 p2528 A67-29569*#	15 p2550 A67-29614*#	15 p2556 A67-29659 #	15 p2537 A67-29704 #
15 p2474 A67-29525 #	15 p2579 A67-29570 #	15 p2475 A67-29615*#	15 p2518 A67-29660 #	15 p2537 A67-29705 #
15 p2549 A67-29526	15 p2466 A67-29571 #	15 p2475 A67-29616*#	15 p2510 A67-29661 #	15 p2537 A67-29706 #
15 p2520 A67-29527	15 p2466 A67-29572 #	15 p2475 A67-29617 #	15 p2528 A67-29662	15 p2537 A67-29707 #
15 p2574 A67-29528	15 p2565 A67-29573 #	15 p2476 A67-29618 #	15 p2488 A67-29663	15 p2537 A67-29708 #
15 p2471 A67-29529	15 p2467 A67-29574 #	15 p2476 A67-29619 #	15 p2556 A67-29664	15 p2537 A67-29709 #
15 p2536 A67-29530	15 p2467 A67-29575 #	15 p2476 A67-29620 #	15 p2498 A67-29665	15 p2528 A67-29710 #
15 p2554 A67-29531	15 p2555 A67-29576 #	15 p2555 A67-29621 #	15 p2477 A67-29666	15 p2528 A67-29711 #
15 p2492 A67-29532	15 p2555 A67-29577	15 p2476 A67-29622 #	15 p2583 A67-29667	15 p2529 A67-29712 #
15 p2550 A67-29533	15 p2471 A67-29578	15 p2476 A67-29623*#	15 p2583 A67-29668	15 p2529 A67-29713 #
15 p2505 A67-29534	15 p2475 A67-29579	15 p2476 A67-29624*#	15 p2583 A67-29669	15 p2520 A67-29714 #
15 p2555 A67-29535*	15 p2444 A67-29580	15 p2476 A67-29625 #	15 p2419 A67-29670	15 p2529 A67-29715 #
15 p2550 A67-29536	15 p2487 A67-29581	15 p2477 A67-29626*#	15 p2508 A67-29671	15 p2529 A67-29716 #
15 p2466 A67-29537	15 p2487 A67-29582	15 p2477 A67-29627 #	15 p2419 A67-29672	15 p2529 A67-29717 #
15 p2466 A67-29538	15 p2445 A67-29583	15 p2477 A67-29628 #	15 p2472 A67-29673	15 p2529 A67-29718 #
15 p2502 A67-29539	15 p2445 A67-29584	15 p2510 A67-29629 #	15 p2419 A67-29674	15 p2529 A67-29719 #
15 p2506 A67-29540*	15 p2445 A67-29585	15 p2510 A67-29630 #	15 p2472 A67-29675	15 p2520 A67-29720 #
15 p2503 A67-29541	15 p2445 A67-29586	15 p2510 A67-29631 #	15 p2433 A67-29676	15 p2499 A67-29721 #
15 p2487 A67-29542	15 p2445 A67-29587	15 p2471 A67-29632 #	15 p2472 A67-29677	15 p2499 A67-29722 #
15 p2466 A67-29543	15 p2446 A67-29588	15 p2574 A67-29633 #	15 p2520 A67-29678*	15 p2529 A67-29723 #
15 p2506 A67-29544	15 p2446 A67-29589	15 p2536 A67-29634	15 p2520 A67-29679*	15 p2530 A67-29724 #
15 p2466 A67-29545*	15 p2446 A67-29590	15 p2446 A67-29635	15 p2550 A67-29680	15 p2488 A67-29725 #
15 p2503 A67-29546	15 p2436 A67-29591	15 p2446 A67-29636	15 p2493 A67-29681	15 p2472 A67-29726 #
15 p2506 A67-29547	15 p2436 A67-29592	15 p2446 A67-29637	15 p2493 A67-29682	15 p2530 A67-29727 #
15 p2507 A67-29548	15 p2565 A67-29593	15 p2446 A67-29638	15 p2508 A67-29683	15 p2530 A67-29728 #
15 p2466 A67-29549	15 p2513 A67-29594	15 p2422 A67-29639	15 p2447 A67-29684 #	15 p2499 A67-29729
15 p2507 A67-29550	15 p2513 A67-29595 #	15 p2555 A67-29640 #	15 p2518 A67-29685 #	15 p2499 A67-29730
15 p2507 A67-29551	15 p2439 A67-29596*#	15 p2555 A67-29641 #	15 p2493 A67-29686 #	15 p2499 A67-29731
15 p2579 A67-29552*	15 p2514 A67-29597*#	15 p2498 A67-29642 #	15 p2458 A67-29687 #	15 p2499 A67-29732
15 p2507 A67-29553*	15 p2514 A67-29598 #	15 p2493 A67-29643 #	15 p2472 A67-29688 #	15 p2472 A67-29733 #
15 p2507 A67-29554	15 p2514 A67-29599*#	15 p2447 A67-29644	15 p2472 A67-29689 #	15 p2447 A67-29734
15 p2507 A67-29555	15 p2439 A67-29600 #	15 p2436 A67-29645	15 p2574 A67-29690 #	15 p2447 A67-29735
15 p2508 A67-29556	15 p2514 A67-29601*#	15 p2574 A67-29646	15 p2574 A67-29691 #	15 p2467 A67-29736
15 p2508 A67-29557	15 p2514 A67-29602*#	15 p2556 A67-29647	15 p2493 A67-29692 #	15 p2488 A67-29737
15 p2492 A67-29558*	15 p2514 A67-29603 #	15 p2429 A67-29648*	15 p2494 A67-29693 #	15 p2514 A67-29738
15 p2508 A67-29559*	15 p2440 A67-29604 #	15 p2536 A67-29649*	15 p2472 A67-29694 #	15 p2514 A67-29739
15 p2508 A67-29560*	15 p2492 A67-29605 #	15 p2493 A67-29650	15 p2518 A67-29695 #	15 p2515 A67-29740

ACCESSION NUMBER INDEX

15 p2515 A67-29741	15 p2538 A67-29786	15 p2566 A67-29831	15 p2557 A67-29876	15 p2432 A67-29921 #
15 p2515 A67-29742	15 p2538 A67-29787	15 p2566 A67-29832	15 p2557 A67-29877*	15 p2451 A67-29922
15 p2565 A67-29743 #	15 p2538 A67-29788	15 p2566 A67-29833	15 p2557 A67-29878*	15 p2478 A67-29923
15 p2477 A67-29744 #	15 p2538 A67-29789	15 p2567 A67-29834	15 p2433 A67-29879*	15 p2451 A67-29924
15 p2556 A67-29745 #	15 p2538 A67-29790	15 p2567 A67-29835*	15 p2433 A67-29880	15 p2451 A67-29925
15 p2477 A67-29746 #	15 p2538 A67-29791	15 p2567 A67-29836	15 p2504 A67-29881	15 p2451 A67-29926
15 p2530 A67-29747 #	15 p2538 A67-29792	15 p2567 A67-29837	15 p2580 A67-29882	15 p2452 A67-29927
15 p2503 A67-29748 #	15 p2538 A67-29793	15 p2556 A67-29838	15 p2580 A67-29883*	15 p2452 A67-29928
15 p2550 A67-29749 #	15 p2538 A67-29794	15 p2567 A67-29839	15 p2434 A67-29884	15 p2452 A67-29929
15 p2550 A67-29750 #	15 p2538 A67-29795	15 p2567 A67-29840	15 p2511 A67-29885 #	15 p2508 A67-29930
15 p2447 A67-29751	15 p2538 A67-29796	15 p2568 A67-29841	15 p2458 A67-29886 #	15 p2540 A67-29931
15 p2447 A67-29752*	15 p2538 A67-29797	15 p2568 A67-29842	15 p2575 A67-29887 #	15 p2540 A67-29932*
15 p2447 A67-29753	15 p2539 A67-29798	15 p2568 A67-29843	15 p2511 A67-29888 #	15 p2436 A67-29933
15 p2447 A67-29754	15 p2448 A67-29799	15 p2568 A67-29844	15 p2543 A67-29889	15 p2437 A67-29934
15 p2448 A67-29755*	15 p2448 A67-29800 #	15 p2568 A67-29845	15 p2511 A67-29890 #	15 p2452 A67-29935
15 p2488 A67-29756	15 p2448 A67-29801 #	15 p2568 A67-29846	15 p2511 A67-29891	15 p2452 A67-29936
15 p2448 A67-29757	15 p2448 A67-29802 #	15 p2568 A67-29847	15 p2511 A67-29892	15 p2440 A67-29937
15 p2499 A67-29758	15 p2449 A67-29803 #	15 p2420 A67-29848*	15 p2511 A67-29893	15 p2440 A67-29938
15 p2500 A67-29759	15 p2449 A67-29804 #	15 p2569 A67-29849*	15 p2431 A67-29894	15 p2458 A67-29939
15 p2500 A67-29760	15 p2449 A67-29805 #	15 p2569 A67-29850	15 p2431 A67-29895	15 p2452 A67-29940
15 p2565 A67-29761*#	15 p2449 A67-29806 #	15 p2569 A67-29851*	15 p2420 A67-29896	15 p2515 A67-29941
15 p2565 A67-29762*#	15 p2449 A67-29807 #	15 p2569 A67-29852*	15 p2431 A67-29897	15 p2515 A67-29942
15 p2477 A67-29763*	15 p2449 A67-29808 #	15 p2569 A67-29853	15 p2458 A67-29898*	15 p2467 A67-29943*#
15 p2508 A67-29764 #	15 p2449 A67-29809	15 p2569 A67-29854	15 p2458 A67-29899	15 p2557 A67-29944*#
15 p2433 A67-29765 #	15 p2449 A67-29810 #	15 p2569 A67-29855*	15 p2516 A67-29900	15 p2437 A67-29945
15 p2488 A67-29766	15 p2449 A67-29811 #	15 p2570 A67-29856*	15 p2450 A67-29901	15 p2452 A67-29946 #
15 p2518 A67-29767	15 p2449 A67-29812 #	15 p2570 A67-29857*	15 p2488 A67-29902	15 p2432 A67-29947 #
15 p2520 A67-29768*	15 p2450 A67-29813 #	15 p2575 A67-29858 #	15 p2488 A67-29903	15 p2575 A67-29948 #
15 p2518 A67-29769	15 p2450 A67-29814 #	15 p2539 A67-29859	15 p2531 A67-29904	15 p2570 A67-29949 #
15 p2574 A67-29770	15 p2539 A67-29815	15 p2539 A67-29860	15 p2531 A67-29905	15 p2546 A67-29950 #
15 p2580 A67-29771	15 p2500 A67-29816	15 p2530 A67-29861	15 p2422 A67-29906	15 p2583 A67-29951*#
15 p2494 A67-29772	15 p2500 A67-29817	15 p2530 A67-29862	15 p2458 A67-29907	15 p2437 A67-29952*#
15 p2543 A67-29773	15 p2488 A67-29818	15 p2556 A67-29863	15 p2458 A67-29908	15 p2437 A67-29953 #
15 p2440 A67-29774*	15 p2488 A67-29819	15 p2530 A67-29864	15 p2458 A67-29909	15 p2478 A67-29954 #
15 p2574 A67-29775 #	15 p2539 A67-29820	15 p2539 A67-29865	15 p2500 A67-29910	15 p2570 A67-29955 #
15 p2472 A67-29776 #	15 p2500 A67-29821	15 p2539 A67-29866	15 p2500 A67-29911	15 p2570 A67-29956*#
15 p2472 A67-29777 #	15 p2539 A67-29822	15 p2530 A67-29867	15 p2500 A67-29912	15 p2515 A67-29957 #
15 p2580 A67-29778 #	15 p2530 A67-29823	15 p2530 A67-29868	15 p2500 A67-29913	15 p2420 A67-29958 #
15 p2580 A67-29779 #	15 p2539 A67-29824	15 p2530 A67-29869	15 p2489 A67-29914	15 p2478 A67-29959 #
15 p2580 A67-29780 #	15 p2539 A67-29825	15 p2556 A67-29870	15 p2539 A67-29915*	15 p2478 A67-29960 #
15 p2503 A67-29781	15 p2539 A67-29826	15 p2556 A67-29871	15 p2451 A67-29916	15 p2557 A67-29961 #
15 p2537 A67-29782	15 p2504 A67-29827	15 p2556 A67-29872	15 p2451 A67-29917	15 p2558 A67-29962 #
15 p2538 A67-29783	15 p2565 A67-29828	15 p2557 A67-29873	15 p2431 A67-29918 #	15 p2432 A67-29963 #
15 p2538 A67-29784	15 p2566 A67-29829	15 p2557 A67-29874	15 p2431 A67-29919	15 p2570 A67-29964 #
15 p2538 A67-29785	15 p2566 A67-29830	15 p2557 A67-29875	15 p2432 A67-29920	15 p2558 A67-29965 #

ACCESSION NUMBER INDEX

15 p2570 A67-29966 #	15 p2531 A67-30011 #	15 p2478 A67-30056 #	15 p2562 A67-30101 #	15 p2576 A67-30146
15 p2516 A67-29967*#	15 p2550 A67-30012 #	15 p2512 A67-30057 #	15 p2571 A67-30102*#	15 p2501 A67-30147
15 p2571 A67-29968 #	15 p2452 A67-30013	15 p2513 A67-30058 #	15 p2562 A67-30103 #	15 p2479 A67-30148 #
15 p2583 A67-29969 #	15 p2452 A67-30014	15 p2513 A67-30059*#	15 p2562 A67-30104 #	15 p2505 A67-30149*#
15 p2504 A67-29970	15 p2453 A67-30015	15 p2513 A67-30060 #	15 p2562 A67-30105 #	15 p2548 A67-30150*#
15 p2504 A67-29971	15 p2453 A67-30016	15 p2478 A67-30061*#	15 p2571 A67-30106 #	15 p2494 A67-30151*#
15 p2504 A67-29972	15 p2453 A67-30017	15 p2453 A67-30062	15 p2571 A67-30107 #	15 p2490 A67-30152
15 p2504 A67-29973	15 p2511 A67-30018	15 p2453 A67-30063	15 p2571 A67-30108 #	15 p2490 A67-30153
15 p2504 A67-29974	15 p2582 A67-30019	15 p2453 A67-30064	15 p2467 A67-30109*#	15 p2468 A67-30154
15 p2504 A67-29975	15 p2459 A67-30020*	15 p2453 A67-30065	15 p2467 A67-30110 #	15 p2490 A67-30155*
15 p2546 A67-29976	15 p2575 A67-30021	15 p2453 A67-30066	15 p2437 A67-30111 #	15 p2490 A67-30156
15 p2575 A67-29977*#	15 p2582 A67-30022	15 p2478 A67-30067	15 p2438 A67-30112 #	15 p2440 A67-30157
15 p2575 A67-29978 #	15 p2434 A67-30023	15 p2478 A67-30068	15 p2572 A67-30113 #	15 p2520 A67-30158*
15 p2544 A67-29979 #	15 p2459 A67-30024	15 p2562 A67-30069	15 p2467 A67-30114 #	15 p2520 A67-30159*
15 p2544 A67-29980 #	15 p2558 A67-30025 #	15 p2478 A67-30070	15 p2513 A67-30115 #	15 p2563 A67-30160*
15 p2544 A67-29981 #	15 p2558 A67-30026 #	15 p2489 A67-30071	15 p2454 A67-30116 #	15 p2551 A67-30161
15 p2423 A67-29982 #	15 p2467 A67-30027	15 p2531 A67-30072 #	15 p2468 A67-30117 #	15 p2563 A67-30162
15 p2544 A67-29983*#	15 p2504 A67-30028	15 p2531 A67-30073 #	15 p2440 A67-30118 #	15 p2441 A67-30163
15 p2580 A67-29984 #	15 p2540 A67-30029 #	15 p2479 A67-30074 #	15 p2438 A67-30119 #	15 p2441 A67-30164
15 p2580 A67-29985 #	15 p2531 A67-30030 #	15 p2501 A67-30075 #	15 p2562 A67-30120*#	15 p2441 A67-30165
15 p2581 A67-29986 #	15 p2437 A67-30031	15 p2454 A67-30076 #	15 p2468 A67-30121 #	15 p2441 A67-30166*
15 p2581 A67-29987 #	15 p2558 A67-30032*	15 p2489 A67-30077 #	15 p2540 A67-30122	15 p2531 A67-30167 #
15 p2581 A67-29988 #	15 p2575 A67-30033 #	15 p2518 A67-30078 #	15 p2563 A67-30123	15 p2479 A67-30168 #
15 p2544 A67-29989*#	15 p2558 A67-30034	15 p2417 A67-30079 #	15 p2501 A67-30124	15 p2518 A67-30169 #
15 p2581 A67-29990 #	15 p2559 A67-30035	15 p2423 A67-30080 #	15 p2576 A67-30125	15 p2490 A67-30170 #
15 p2581 A67-29991 #	15 p2559 A67-30036	15 p2440 A67-30081 #	15 p2505 A67-30126	15 p2518 A67-30171 #
15 p2546 A67-29992*#	15 p2559 A67-30037	15 p2562 A67-30082 #	15 p2420 A67-30127	15 p2490 A67-30172 #
15 p2547 A67-29993*#	15 p2559 A67-30038	15 p2562 A67-30083 #	15 p2583 A67-30128	15 p2490 A67-30173 #
15 p2547 A67-29994*#	15 p2560 A67-30039	15 p2437 A67-30084 #	15 p2468 A67-30129	15 p2490 A67-30174 #
15 p2547 A67-29995 #	15 p2560 A67-30040*	15 p2562 A67-30085	15 p2423 A67-30130	15 p2576 A67-30175 #
15 p2547 A67-29996 #	15 p2560 A67-30041	15 p2501 A67-30086	15 p2459 A67-30131	15 p2518 A67-30176 #
15 p2547 A67-29997 #	15 p2560 A67-30042*	15 p2489 A67-30087 #	15 p2459 A67-30132 #	15 p2572 A67-30177 #
15 p2582 A67-29998 #	15 p2560 A67-30043	15 p2489 A67-30088 #	15 p2440 A67-30133	15 p2576 A67-30178 #
15 p2544 A67-29999 #	15 p2560 A67-30044	15 p2571 A67-30089	15 p2515 A67-30134	15 p2576 A67-30179 #
15 p2548 A67-30000 #	15 p2561 A67-30045	15 p2571 A67-30090	15 p2438 A67-30135	15 p2576 A67-30180 #
15 p2511 A67-30001 #	15 p2417 A67-30046	15 p2540 A67-30091*	15 p2489 A67-30136	15 p2576 A67-30181 #
15 p2575 A67-30002 #	15 p2561 A67-30047	15 p2489 A67-30092	15 p2454 A67-30137	15 p2576 A67-30182 #
15 p2501 A67-30003 #	15 p2511 A67-30048*	15 p2504 A67-30093	15 p2454 A67-30138	15 p2576 A67-30183 #
15 p2540 A67-30004 #	15 p2571 A67-30049	15 p2576 A67-30094	15 p2454 A67-30139	15 p2577 A67-30184 #
15 p2518 A67-30005 #	15 p2512 A67-30050	15 p2501 A67-30095	15 p2438 A67-30140	15 p2577 A67-30185 #
15 p2489 A67-30006 #	15 p2561 A67-30051	15 p2540 A67-30096	15 p2501 A67-30141	15 p2577 A67-30186 #
15 p2504 A67-30007 #	15 p2561 A67-30052	15 p2494 A67-30097	15 p2541 A67-30142	15 p2545 A67-30187 #
15 p2511 A67-30008 #	15 p2512 A67-30053	15 p2494 A67-30098	15 p2459 A67-30143	15 p2417 A67-30188 #
15 p2575 A67-30009 #	15 p2561 A67-30054	15 p2434 A67-30099	15 p2417 A67-30144	15 p2473 A67-30189 #
15 p2558 A67-30010 #	15 p2561 A67-30055	15 p2434 A67-30100	15 p2454 A67-30145	15 p2417 A67-30190 #

ACCESSION NUMBER INDEX

15 p2418 A67-30191 #	15 p2541 A67-30236 #	15 p2481 A67-30281	15 p2462 A67-30326 #	15 p2421 A67-30371 #
15 p2418 A67-30192 #	15 p2541 A67-30237 #	15 p2481 A67-30282	15 p2462 A67-30327 #	15 p2491 A67-30372 #
15 p2577 A67-30193 #	15 p2541 A67-30238 #	15 p2481 A67-30283	15 p2462 A67-30328 #	15 p2516 A67-30373 #
15 p2519 A67-30194*#	15 p2541 A67-30239 #	15 p2481 A67-30284	15 p2462 A67-30329	15 p2423 A67-30374 #
15 p2572 A67-30195*#	15 p2541 A67-30240 #	15 p2481 A67-30285*	15 p2463 A67-30330 #	15 p2421 A67-30375*#
15 p2582 A67-30196 #	15 p2542 A67-30241 #	15 p2482 A67-30286	15 p2463 A67-30331 #	15 p2422 A67-30376 #
15 p2434 A67-30197*#	15 p2542 A67-30242 #	15 p2563 A67-30287	15 p2463 A67-30332 #	15 p2422 A67-30377
15 p2582 A67-30198 #	15 p2542 A67-30243 #	15 p2563 A67-30288	15 p2463 A67-30333 #	15 p2422 A67-30378 #
15 p2545 A67-30199 #	15 p2542 A67-30244 #	15 p2482 A67-30289*	15 p2464 A67-30334 #	15 p2521 A67-30379*
15 p2548 A67-30200 #	15 p2542 A67-30245 #	15 p2482 A67-30290	15 p2464 A67-30335 #	15 p2532 A67-30380*
15 p2572 A67-30201*#	15 p2542 A67-30246 #	15 p2482 A67-30291*	15 p2464 A67-30336 #	15 p2532 A67-30381
15 p2563 A67-30202*#	15 p2542 A67-30247 #	15 p2482 A67-30292	15 p2464 A67-30337 #	15 p2532 A67-30382
15 p2531 A67-30203 #	15 p2542 A67-30248 #	15 p2483 A67-30293	15 p2464 A67-30338 #	15 p2533 A67-30383*
15 p2531 A67-30204 #	15 p2542 A67-30249 #	15 p2483 A67-30294	15 p2464 A67-30339 #	15 p2439 A67-30384
15 p2531 A67-30205 #	15 p2542 A67-30250 #	15 p2483 A67-30295	15 p2420 A67-30340 #	15 p2572 A67-30385
15 p2582 A67-30206*#	15 p2543 A67-30251 #	15 p2483 A67-30296	15 p2464 A67-30341 #	15 p2455 A67-30386
15 p2473 A67-30207 #	15 p2543 A67-30252 #	15 p2438 A67-30297	15 p2465 A67-30342 #	15 p2439 A67-30387
15 p2418 A67-30208 #	15 p2543 A67-30253 #	15 p2438 A67-30298	15 p2465 A67-30343 #	15 p2505 A67-30388 #
15 p2519 A67-30209 #	15 p2532 A67-30254	15 p2483 A67-30299	15 p2441 A67-30344 #	15 p2563 A67-30389 #
15 p2473 A67-30210 #	15 p2532 A67-30255	15 p2483 A67-30300	15 p2465 A67-30345	15 p2582 A67-30390 #
15 p2572 A67-30211 #	15 p2532 A67-30256	15 p2484 A67-30301	15 p2548 A67-30346 #	15 p2455 A67-30391
15 p2490 A67-30212 #	15 p2532 A67-30257	15 p2484 A67-30302	15 p2548 A67-30347 #	15 p2439 A67-30392
15 p2512 A67-30213 #	15 p2532 A67-30258	15 p2484 A67-30303	15 p2420 A67-30348 #	15 p2563 A67-30393
15 p2473 A67-30214*#	15 p2532 A67-30259	15 p2484 A67-30304	15 p2420 A67-30349 #	15 p2564 A67-30394*
15 p2418 A67-30215 #	15 p2532 A67-30260	15 p2484 A67-30305	15 p2494 A67-30350 #	15 p2418 A67-30395
15 p2582 A67-30216 #	15 p2532 A67-30261	15 p2484 A67-30306	15 p2420 A67-30351 #	15 p2533 A67-30396 #
15 p2582 A67-30217 #	15 p2438 A67-30262	15 p2484 A67-30307	15 p2421 A67-30352 #	15 p2551 A67-30397*
15 p2577 A67-30218 #	15 p2532 A67-30263	15 p2485 A67-30308	15 p2468 A67-30353 #	15 p2505 A67-30398 #
15 p2423 A67-30219*#	15 p2532 A67-30264	15 p2459 A67-30309	15 p2468 A67-30354 #	15 p2422 A67-30399 #
15 p2473 A67-30220*#	15 p2532 A67-30265	15 p2460 A67-30310 #	15 p2432 A67-30355 #	15 p2423 A67-30400
15 p2583 A67-30221	15 p2441 A67-30266	15 p2460 A67-30311 #	15 p2432 A67-30356 #	15 p2494 A67-30401
15 p2583 A67-30222*	15 p2577 A67-30267 #	15 p2460 A67-30312 #	15 p2548 A67-30357*#	15 p2584 A67-30402
15 p2583 A67-30223	15 p2577 A67-30268 #	15 p2460 A67-30313 #	15 p2548 A67-30358 #	15 p2584 A67-30403
15 p2551 A67-30224*	15 p2577 A67-30269 #	15 p2460 A67-30314*#	15 p2549 A67-30359 #	15 p2584 A67-30404
15 p2519 A67-30225	15 p2578 A67-30270 #	15 p2432 A67-30315*#	15 p2421 A67-30360 #	15 p2491 A67-30405
15 p2473 A67-30226*	15 p2578 A67-30271 #	15 p2461 A67-30316 #	15 p2421 A67-30361 #	15 p2455 A67-30406
15 p2459 A67-30227	15 p2578 A67-30272 #	15 p2461 A67-30317 #	15 p2421 A67-30362 #	15 p2584 A67-30407
15 p2512 A67-30228	15 p2479 A67-30273	15 p2461 A67-30318 #	15 p2515 A67-30363 #	15 p2441 A67-30408
15 p2430 A67-30229 #	15 p2480 A67-30274	15 p2572 A67-30319 #	15 p2421 A67-30364 #	15 p2512 A67-30409
15 p2454 A67-30230*	15 p2480 A67-30275	15 p2461 A67-30320*#	15 p2515 A67-30365 #	15 p2584 A67-30410
15 p2473 A67-30231	15 p2480 A67-30276	15 p2461 A67-30321 #	15 p2433 A67-30366 #	15 p2501 A67-30411
15 p2490 A67-30232	15 p2480 A67-30277	15 p2461 A67-30322 #	15 p2505 A67-30367 #	15 p2495 A67-30412
15 p2454 A67-30233	15 p2480 A67-30278	15 p2461 A67-30323 #	15 p2421 A67-30368 #	15 p2495 A67-30413
15 p2541 A67-30234 #	15 p2481 A67-30279	15 p2462 A67-30324 #	15 p2578 A67-30369 #	15 p2495 A67-30414
15 p2541 A67-30235 #	15 p2481 A67-30280	15 p2462 A67-30325 #	15 p2423 A67-30370 #	15 p2495 A67-30415

ACCESSION NUMBER INDEX

15 p2495 A67-30416 #	16 p2684 A67-30461 #	16 p2737 A67-30506	16 p2601 A67-30551 #	16 p2608 A67-30596 #
15 p2495 A67-30417	16 p2634 A67-30462 #	16 p2741 A67-30507	16 p2601 A67-30552 #	16 p2608 A67-30597 #
15 p2495 A67-30418	16 p2633 A67-30463 #	16 p2741 A67-30508	16 p2653 A67-30553 #	16 p2713 A67-30598 #
15 p2496 A67-30419	16 p2633 A67-30464 #	16 p2741 A67-30509	16 p2601 A67-30554 #	16 p2608 A67-30599 #
15 p2584 A67-30420	16 p2670 A67-30465 #	16 p2737 A67-30510	16 p2602 A67-30555 #	16 p2608 A67-30600 #
15 p2584 A67-30421	16 p2670 A67-30466 #	16 p2742 A67-30511	16 p2602 A67-30556 #	16 p2595 A67-30601
15 p2496 A67-30422	16 p2670 A67-30467 #	16 p2706 A67-30512	16 p2602 A67-30557 #	16 p2724 A67-30602 #
15 p2549 A67-30423 #	16 p2699 A67-30468 #	16 p2709 A67-30513 #	16 p2602 A67-30558 #	16 p2724 A67-30603 #
15 p2533 A67-30424	16 p2681 A67-30469 #	16 p2709 A67-30514 #	16 p2602 A67-30559 #	16 p2724 A67-30604 #
15 p2491 A67-30425*	16 p2778 A67-30470 #	16 p2709 A67-30515 #	16 p2602 A67-30560 #	16 p2684 A67-30605 #
15 p2502 A67-30426	16 p2635 A67-30471 #	16 p2709 A67-30516 #	16 p2603 A67-30561 #	16 p2684 A67-30606 #
15 p2502 A67-30427	16 p2724 A67-30472 #	16 p2709 A67-30517 #	16 p2603 A67-30562 #	16 p2684 A67-30607 #
15 p2491 A67-30428	16 p2635 A67-30473	16 p2710 A67-30518 #	16 p2603 A67-30563 #	16 p2713 A67-30608 #
15 p2521 A67-30429	16 p2635 A67-30474	16 p2710 A67-30519*#	16 p2603 A67-30564 #	16 p2724 A67-30609 #
15 p2491 A67-30430*	16 p2633 A67-30475	16 p2710 A67-30520 #	16 p2603 A67-30565 #	16 p2684 A67-30610 #
15 p2491 A67-30431	16 p2681 A67-30476	16 p2710 A67-30521 #	16 p2603 A67-30566 #	16 p2725 A67-30611 #
15 p2491 A67-30432	16 p2620 A67-30477 #	16 p2710 A67-30522 #	16 p2603 A67-30567 #	16 p2670 A67-30612 #
15 p2491 A67-30433*	16 p2620 A67-30478 #	16 p2710 A67-30523 #	16 p2604 A67-30568 #	16 p2657 A67-30613
15 p2492 A67-30434	16 p2635 A67-30479 #	16 p2710 A67-30524 #	16 p2604 A67-30569*#	16 p2657 A67-30614
15 p2492 A67-30435*	16 p2635 A67-30480 #	16 p2711 A67-30525 #	16 p2604 A67-30570 #	16 p2657 A67-30615
15 p2502 A67-30436	16 p2635 A67-30481 #	16 p2599 A67-30526 #	16 p2604 A67-30571 #	16 p2763 A67-30616
15 p2502 A67-30437	16 p2620 A67-30482 #	16 p2599 A67-30527 #	16 p2604 A67-30572 #	16 p2657 A67-30617
15 p2564 A67-30438*	16 p2642 A67-30483 #	16 p2599 A67-30528 #	16 p2712 A67-30573 #	16 p2589 A67-30618
16 p2681 A67-30439	16 p2642 A67-30484 #	16 p2599 A67-30529 #	16 p2656 A67-30574 #	16 p2589 A67-30619
16 p2780 A67-30440	16 p2643 A67-30485 #	16 p2599 A67-30530 #	16 p2712 A67-30575 #	16 p2619 A67-30620*
16 p2781 A67-30441	16 p2681 A67-30486	16 p2600 A67-30531 #	16 p2712 A67-30576 #	16 p2643 A67-30621
16 p2781 A67-30442	16 p2686 A67-30487	16 p2600 A67-30532 #	16 p2604 A67-30577 #	16 p2755 A67-30622
16 p2781 A67-30443	16 p2687 A67-30488	16 p2600 A67-30533 #	16 p2713 A67-30578 #	16 p2756 A67-30623*
16 p2634 A67-30444	16 p2670 A67-30489	16 p2600 A67-30534 #	16 p2605 A67-30579 #	16 p2756 A67-30624
16 p2741 A67-30445	16 p2703 A67-30490	16 p2600 A67-30535 #	16 p2605 A67-30580 #	16 p2756 A67-30625*
16 p2634 A67-30446	16 p2724 A67-30491	16 p2711 A67-30536 #	16 p2605 A67-30581 #	16 p2756 A67-30626*
16 p2702 A67-30447 #	16 p2737 A67-30492	16 p2600 A67-30537 #	16 p2605 A67-30582 #	16 p2756 A67-30627*
16 p2705 A67-30448 #	16 p2741 A67-30493	16 p2711 A67-30538 #	16 p2605 A67-30583*#	16 p2653 A67-30628
16 p2705 A67-30449 #	16 p2670 A67-30494	16 p2711 A67-30539 #	16 p2606 A67-30584 #	16 p2756 A67-30629
16 p2706 A67-30450 #	16 p2595 A67-30495 #	16 p2711 A67-30540 #	16 p2606 A67-30585 #	16 p2756 A67-30630
16 p2706 A67-30451 #	16 p2737 A67-30496	16 p2600 A67-30541 #	16 p2606 A67-30586 #	16 p2615 A67-30631
16 p2656 A67-30452 #	16 p2741 A67-30497	16 p2711 A67-30542 #	16 p2606 A67-30587 #	16 p2757 A67-30632
16 p2656 A67-30453 #	16 p2741 A67-30498	16 p2712 A67-30543 #	16 p2606 A67-30588 #	16 p2757 A67-30633
16 p2656 A67-30454 #	16 p2741 A67-30499	16 p2712 A67-30544 #	16 p2606 A67-30589 #	16 p2757 A67-30634*
16 p2656 A67-30455 #	16 p2737 A67-30500	16 p2601 A67-30545 #	16 p2606 A67-30590 #	16 p2681 A67-30635
16 p2656 A67-30456 #	16 p2737 A67-30501	16 p2712 A67-30546 #	16 p2607 A67-30591 #	16 p2781 A67-30636
16 p2706 A67-30457 #	16 p2741 A67-30502	16 p2712 A67-30547 #	16 p2607 A67-30592	16 p2757 A67-30637
16 p2619 A67-30458 #	16 p2741 A67-30503	16 p2601 A67-30548 #	16 p2607 A67-30593 #	16 p2701 A67-30638
16 p2706 A67-30459 #	16 p2741 A67-30504	16 p2653 A67-30549 #	16 p2607 A67-30594 #	16 p2654 A67-30639*
16 p2684 A67-30460 #	16 p2741 A67-30505	16 p2601 A67-30550 #	16 p2607 A67-30595 #	16 p2757 A67-30640*

ACCESSION NUMBER INDEX

16 p2757 A67-30641	16 p2759 A67-30686	16 p2744 A67-30731	16 p2617 A67-30776	16 p2727 A67-30821 #
16 p2757 A67-30642	16 p2759 A67-30687	16 p2744 A67-30732	16 p2618 A67-30777	16 p2738 A67-30822 #
16 p2620 A67-30643*	16 p2742 A67-30688	16 p2695 A67-30733	16 p2618 A67-30778	16 p2671 A67-30823 #
16 p2758 A67-30644	16 p2622 A67-30689	16 p2744 A67-30734	16 p2618 A67-30779*	16 p2685 A67-30824*#
16 p2758 A67-30645	16 p2759 A67-30690	16 p2760 A67-30735	16 p2618 A67-30780	16 p2685 A67-30825 #
16 p2670 A67-30646	16 p2759 A67-30691	16 p2744 A67-30736	16 p2618 A67-30781	16 p2685 A67-30826 #
16 p2737 A67-30647	16 p2760 A67-30692	16 p2744 A67-30737	16 p2737 A67-30782	16 p2657 A67-30827
16 p2670 A67-30648	16 p2622 A67-30693	16 p2744 A67-30738	16 p2781 A67-30783	16 p2657 A67-30828
16 p2699 A67-30649	16 p2760 A67-30694*	16 p2745 A67-30739	16 p2781 A67-30784	16 p2695 A67-30829
16 p2699 A67-30650*	16 p2700 A67-30695	16 p2760 A67-30740	16 p2782 A67-30785	16 p2695 A67-30830 #
16 p2758 A67-30651	16 p2622 A67-30696	16 p2745 A67-30741*	16 p2782 A67-30786	16 p2634 A67-30831 #
16 p2758 A67-30652	16 p2622 A67-30697	16 p2761 A67-30742	16 p2782 A67-30787	16 p2589 A67-30832
16 p2758 A67-30653	16 p2742 A67-30698	16 p2761 A67-30743*	16 p2618 A67-30788	16 p2681 A67-30833
16 p2699 A67-30654*	16 p2622 A67-30699	16 p2745 A67-30744	16 p2782 A67-30789	16 p2635 A67-30834
16 p2700 A67-30655	16 p2760 A67-30700	16 p2761 A67-30745	16 p2589 A67-30790	16 p2655 A67-30835
16 p2700 A67-30656	16 p2735 A67-30701	16 p2745 A67-30746	16 p2589 A67-30791	16 p2746 A67-30836 #
16 p2700 A67-30657	16 p2735 A67-30702*	16 p2745 A67-30747	16 p2763 A67-30792	16 p2778 A67-30837 #
16 p2700 A67-30658	16 p2760 A67-30703	16 p2745 A67-30748	16 p2761 A67-30793	16 p2782 A67-30838
16 p2700 A67-30659*	16 p2735 A67-30704	16 p2745 A67-30749*	16 p2635 A67-30794	16 p2590 A67-30839 #
16 p2758 A67-30660	16 p2734 A67-30705*	16 p2745 A67-30750*	16 p2635 A67-30795	16 p2671 A67-30840
16 p2758 A67-30661	16 p2736 A67-30706	16 p2615 A67-30751	16 p2703 A67-30796	16 p2764 A67-30841 #
16 p2700 A67-30662	16 p2736 A67-30707	16 p2610 A67-30752	16 p2713 A67-30797	16 p2687 A67-30842 #
16 p2758 A67-30663	16 p2657 A67-30708	16 p2610 A67-30753*	16 p2700 A67-30798	16 p2687 A67-30843 #
16 p2742 A67-30664	16 p2654 A67-30709 #	16 p2616 A67-30754	16 p2700 A67-30799	16 p2687 A67-30844 #
16 p2703 A67-30665	16 p2736 A67-30710	16 p2610 A67-30755	16 p2701 A67-30800	16 p2687 A67-30845 #
16 p2742 A67-30666	16 p2736 A67-30711	16 p2616 A67-30756	16 p2725 A67-30801 #	16 p2687 A67-30846 #
16 p2620 A67-30667	16 p2736 A67-30712	16 p2611 A67-30757	16 p2725 A67-30802 #	16 p2687 A67-30847 #
16 p2633 A67-30668*	16 p2608 A67-30713	16 p2616 A67-30758	16 p2713 A67-30803 #	16 p2687 A67-30848 #
16 p2633 A67-30669	16 p2778 A67-30714	16 p2616 A67-30759	16 p2725 A67-30804 #	16 p2687 A67-30849 #
16 p2633 A67-30670	16 p2608 A67-30715	16 p2616 A67-30760	16 p2725 A67-30805 #	16 p2727 A67-30850 #
16 p2633 A67-30671	16 p2736 A67-30716	16 p2654 A67-30761*	16 p2725 A67-30806 #	16 p2727 A67-30851 #
16 p2635 A67-30672	16 p2702 A67-30717	16 p2617 A67-30762	16 p2725 A67-30807 #	16 p2727 A67-30852 #
16 p2633 A67-30673	16 p2702 A67-30718	16 p2617 A67-30763	16 p2725 A67-30808 #	16 p2681 A67-30853 #
16 p2654 A67-30674 #	16 p2760 A67-30719	16 p2617 A67-30764	16 p2725 A67-30809 #	16 p2590 A67-30854 #
16 p2654 A67-30675	16 p2760 A67-30720*	16 p2611 A67-30765	16 p2726 A67-30810 #	16 p2764 A67-30855 #
16 p2654 A67-30676*	16 p2589 A67-30721	16 p2611 A67-30766	16 p2726 A67-30811 #	16 p2695 A67-30856 #
16 p2654 A67-30677	16 p2778 A67-30722	16 p2611 A67-30767	16 p2726 A67-30812 #	16 p2657 A67-30857 #
16 p2763 A67-30678	16 p2742 A67-30723	16 p2611 A67-30768	16 p2726 A67-30813 #	16 p2695 A67-30858 #
16 p2621 A67-30679	16 p2743 A67-30724	16 p2611 A67-30769	16 p2726 A67-30814 #	16 p2687 A67-30859 #
16 p2621 A67-30680	16 p2743 A67-30725	16 p2611 A67-30770*	16 p2726 A67-30815 #	16 p2713 A67-30860 #
16 p2621 A67-30681	16 p2743 A67-30726	16 p2781 A67-30771	16 p2726 A67-30816 #	16 p2764 A67-30861 #
16 p2621 A67-30682	16 p2743 A67-30727	16 p2617 A67-30772	16 p2726 A67-30817 #	16 p2764 A67-30862 #
16 p2621 A67-30683	16 p2743 A67-30728	16 p2612 A67-30773	16 p2726 A67-30818 #	16 p2671 A67-30863
16 p2759 A67-30684	16 p2744 A67-30729*	16 p2617 A67-30774*	16 p2727 A67-30819 #	16 p2636 A67-30864
16 p2759 A67-30685*	16 p2622 A67-30730	16 p2617 A67-30775	16 p2727 A67-30820 #	16 p2746 A67-30865 #

ACCESSION NUMBER INDEX

16 p2663 A67-30866 #	16 p2613 A67-30911 #	16 p2746 A67-30956*	16 p2596 A67-31001 #	16 p2715 A67-31046 #
16 p2657 A67-30867	16 p2613 A67-30912 #	16 p2764 A67-30957	16 p2596 A67-31002 #	16 p2715 A67-31047 #
16 p2713 A67-30868	16 p2613 A67-30913 #	16 p2761 A67-30958	16 p2637 A67-31003 #	16 p2765 A67-31048 #
16 p2727 A67-30869	16 p2613 A67-30914 #	16 p2746 A67-30959	16 p2671 A67-31004 #	16 p2765 A67-31049 #
16 p2685 A67-30870	16 p2613 A67-30915 #	16 p2696 A67-30960	16 p2736 A67-31005 #	16 p2765 A67-31050 #
16 p2714 A67-30871	16 p2613 A67-30916 #	16 p2761 A67-30961	16 p2671 A67-31006 #	16 p2765 A67-31051 #
16 p2714 A67-30872	16 p2614 A67-30917 #	16 p2762 A67-30962*	16 p2608 A67-31007 #	16 p2702 A67-31052 #
16 p2714 A67-30873	16 p2614 A67-30918 #	16 p2595 A67-30963	16 p2655 A67-31008	16 p2765 A67-31053 #
16 p2714 A67-30874	16 p2643 A67-30919 #	16 p2592 A67-30964*	16 p2696 A67-31009 #	16 p2728 A67-31054
16 p2714 A67-30875*	16 p2696 A67-30920 #	16 p2703 A67-30965	16 p2696 A67-31010 #	16 p2685 A67-31055
16 p2714 A67-30876*	16 p2643 A67-30921 #	16 p2764 A67-30966	16 p2702 A67-31011 #	16 p2728 A67-31056*
16 p2622 A67-30877 #	16 p2643 A67-30922 #	16 p2663 A67-30967	16 p2596 A67-31012 #	16 p2728 A67-31057*
16 p2622 A67-30878 #	16 p2643 A67-30923 #	16 p2623 A67-30968	16 p2696 A67-31013 #	16 p2728 A67-31058
16 p2622 A67-30879 #	16 p2643 A67-30924 #	16 p2663 A67-30969	16 p2623 A67-31014 #	16 p2729 A67-31059
16 p2623 A67-30880 #	16 p2636 A67-30925 #	16 p2663 A67-30970	16 p2623 A67-31015 #	16 p2729 A67-31060
16 p2623 A67-30881 #	16 p2643 A67-30926 #	16 p2664 A67-30971	16 p2623 A67-31016 #	16 p2778 A67-31061
16 p2623 A67-30882 #	16 p2595 A67-30927 #	16 p2671 A67-30972	16 p2738 A67-31017 #	16 p2715 A67-31062
16 p2636 A67-30883 #	16 p2701 A67-30928 #	16 p2664 A67-30973	16 p2762 A67-31018 #	16 p2715 A67-31063*
16 p2636 A67-30884 #	16 p2736 A67-30929 #	16 p2664 A67-30974	16 p2665 A67-31019 #	16 p2715 A67-31064
16 p2636 A67-30885 #	16 p2590 A67-30930 #	16 p2664 A67-30975	16 p2728 A67-31020	16 p2729 A67-31065
16 p2727 A67-30886 #	16 p2746 A67-30931*	16 p2664 A67-30976	16 p2694 A67-31021	16 p2672 A67-31066
16 p2727 A67-30887 #	16 p2746 A67-30932	16 p2664 A67-30977	16 p2671 A67-31022 #	16 p2747 A67-31067 #
16 p2727 A67-30888 #	16 p2764 A67-30933	16 p2664 A67-30978	16 p2698 A67-31023 #	16 p2738 A67-31068 #
16 p2636 A67-30889 #	16 p2590 A67-30934	16 p2746 A67-30979	16 p2623 A67-31024 #	16 p2665 A67-31069 #
16 p2623 A67-30890 #	16 p2761 A67-30935*	16 p2694 A67-30980	16 p2624 A67-31025 #	16 p2738 A67-31070 #
16 p2685 A67-30891 #	16 p2591 A67-30936	16 p2746 A67-30981	16 p2637 A67-31026 #	16 p2738 A67-31071 #
16 p2685 A67-30892 #	16 p2658 A67-30937*	16 p2623 A67-30982	16 p2637 A67-31027 #	16 p2624 A67-31072 #
16 p2727 A67-30893 #	16 p2658 A67-30938	16 p2665 A67-30983*	16 p2637 A67-31028 #	16 p2624 A67-31073 #
16 p2636 A67-30894 #	16 p2591 A67-30939	16 p2747 A67-30984	16 p2624 A67-31029 #	16 p2665 A67-31074 #
16 p2623 A67-30895 #	16 p2591 A67-30940	16 p2747 A67-30985	16 p2624 A67-31030 #	16 p2624 A67-31075 #
16 p2643 A67-30896	16 p2658 A67-30941*	16 p2619 A67-30986	16 p2671 A67-31031 #	16 p2665 A67-31076 #
16 p2636 A67-30897	16 p2591 A67-30942*	16 p2747 A67-30987	16 p2685 A67-31032	16 p2624 A67-31077 #
16 p2636 A67-30898	16 p2591 A67-30943*	16 p2747 A67-30988	16 p2685 A67-31033	16 p2665 A67-31078 #
16 p2727 A67-30899	16 p2591 A67-30944	16 p2747 A67-30989*	16 p2637 A67-31034	16 p2665 A67-31079 #
16 p2636 A67-30900	16 p2658 A67-30945	16 p2671 A67-30990	16 p2728 A67-31035	16 p2738 A67-31080 #
16 p2612 A67-30901 #	16 p2658 A67-30946*	16 p2747 A67-30991*	16 p2637 A67-31036	16 p2738 A67-31081 #
16 p2618 A67-30902 #	16 p2778 A67-30947	16 p2747 A67-30992	16 p2714 A67-31037 #	16 p2738 A67-31082 #
16 p2612 A67-30903 #	16 p2658 A67-30948	16 p2764 A67-30993	16 p2685 A67-31038 #	16 p2738 A67-31083 #
16 p2612 A67-30904 #	16 p2778 A67-30949	16 p2764 A67-30994	16 p2714 A67-31039 #	16 p2665 A67-31084 #
16 p2612 A67-30905 #	16 p2659 A67-30950	16 p2765 A67-30995	16 p2715 A67-31040 #	16 p2665 A67-31085 #
16 p2612 A67-30906 #	16 p2592 A67-30951	16 p2765 A67-30996	16 p2715 A67-31041 #	16 p2665 A67-31086 #
16 p2612 A67-30907 #	16 p2659 A67-30952	16 p2636 A67-30997	16 p2702 A67-31042 #	16 p2624 A67-31087 #
16 p2612 A67-30908 #	16 p2659 A67-30953*	16 p2734 A67-30998	16 p2659 A67-31043 #	16 p2665 A67-31088 #
16 p2613 A67-30909 #	16 p2659 A67-30954*	16 p2765 A67-30999*	16 p2728 A67-31044 #	16 p2624 A67-31089 #
16 p2693 A67-30910 #	16 p2592 A67-30955	16 p2614 A67-31000	16 p2702 A67-31045 #	16 p2665 A67-31090 #

ACCESSION NUMBER INDEX

16 p2738 A67-31091 #	16 p2748 A67-31136	16 p2717 A67-31181 #	16 p2718 A67-31226	16 p2638 A67-31271
16 p2747 A67-31092 #	16 p2748 A67-31137	16 p2717 A67-31182 #	16 p2718 A67-31227	16 p2701 A67-31272
16 p2665 A67-31093 #	16 p2748 A67-31138	16 p2717 A67-31183 #	16 p2719 A67-31228	16 p2625 A67-31273
16 p2665 A67-31094 #	16 p2748 A67-31139	16 p2717 A67-31184 #	16 p2719 A67-31229	16 p2676 A67-31274
16 p2698 A67-31095 #	16 p2748 A67-31140*	16 p2717 A67-31185 #	16 p2719 A67-31230	16 p2767 A67-31275
16 p2698 A67-31096 #	16 p2748 A67-31141	16 p2717 A67-31186 #	16 p2719 A67-31231	16 p2767 A67-31276
16 p2665 A67-31097 #	16 p2696 A67-31142 #	16 p2718 A67-31187 #	16 p2719 A67-31232*	16 p2768 A67-31277
16 p2666 A67-31098 #	16 p2696 A67-31143 #	16 p2718 A67-31188 #	16 p2704 A67-31233	16 p2768 A67-31278
16 p2766 A67-31099 #	16 p2766 A67-31144 #	16 p2718 A67-31189 #	16 p2739 A67-31234*	16 p2768 A67-31279
16 p2766 A67-31100 #	16 p2703 A67-31145 #	16 p2718 A67-31190 #	16 p2704 A67-31235	16 p2768 A67-31280
16 p2672 A67-31101	16 p2675 A67-31146 #	16 p2718 A67-31191 #	16 p2719 A67-31236*	16 p2768 A67-31281
16 p2592 A67-31102 #	16 p2766 A67-31147 #	16 p2718 A67-31192 #	16 p2719 A67-31237	16 p2768 A67-31282
16 p2592 A67-31103 #	16 p2766 A67-31148 #	16 p2718 A67-31193 #	16 p2720 A67-31238	16 p2769 A67-31283
16 p2659 A67-31104 #	16 p2766 A67-31149 #	16 p2637 A67-31194	16 p2720 A67-31239	16 p2769 A67-31284
16 p2673 A67-31105 #	16 p2766 A67-31150 #	16 p2685 A67-31195	16 p2720 A67-31240	16 p2769 A67-31285
16 p2673 A67-31106 #	16 p2766 A67-31151 #	16 p2637 A67-31196	16 p2720 A67-31241	16 p2769 A67-31286
16 p2673 A67-31107 #	16 p2596 A67-31152 #	16 p2738 A67-31197 #	16 p2720 A67-31242	16 p2769 A67-31287
16 p2673 A67-31108 #	16 p2593 A67-31153 #	16 p2696 A67-31198	16 p2720 A67-31243	16 p2769 A67-31288
16 p2673 A67-31109 #	16 p2729 A67-31154	16 p2748 A67-31199 #	16 p2720 A67-31244	16 p2770 A67-31289
16 p2673 A67-31110 #	16 p2729 A67-31155 #	16 p2696 A67-31200	16 p2720 A67-31245*	16 p2770 A67-31290*
16 p2673 A67-31111 #	16 p2730 A67-31156 #	16 p2594 A67-31201	16 p2596 A67-31246 #	16 p2770 A67-31291
16 p2715 A67-31112 #	16 p2730 A67-31157 #	16 p2594 A67-31202	16 p2762 A67-31247 #	16 p2770 A67-31292
16 p2592 A67-31113 #	16 p2730 A67-31158 #	16 p2660 A67-31203	16 p2701 A67-31248 #	16 p2770 A67-31293
16 p2592 A67-31114 #	16 p2730 A67-31159 #	16 p2779 A67-31204	16 p2675 A67-31249	16 p2771 A67-31294
16 p2655 A67-31115 #	16 p2730 A67-31160 #	16 p2766 A67-31205	16 p2704 A67-31250 #	16 p2771 A67-31295*
16 p2655 A67-31116 #	16 p2730 A67-31161 #	16 p2779 A67-31206	16 p2749 A67-31251	16 p2771 A67-31296*
16 p2674 A67-31117 #	16 p2637 A67-31162 #	16 p2779 A67-31207	16 p2619 A67-31252	16 p2771 A67-31297*
16 p2674 A67-31118 #	16 p2730 A67-31163 #	16 p2779 A67-31208	16 p2767 A67-31253	16 p2771 A67-31298
16 p2674 A67-31119 #	16 p2730 A67-31164 #	16 p2594 A67-31209	16 p2624 A67-31254	16 p2772 A67-31299
16 p2674 A67-31120 #	16 p2730 A67-31165 #	16 p2675 A67-31210	16 p2637 A67-31255	16 p2772 A67-31300
16 p2592 A67-31121 #	16 p2666 A67-31166	16 p2675 A67-31211	16 p2782 A67-31256	16 p2772 A67-31301
16 p2593 A67-31122 #	16 p2704 A67-31167 #	16 p2660 A67-31212	16 p2782 A67-31257	16 p2688 A67-31302
16 p2593 A67-31123 #	16 p2715 A67-31168 #	16 p2660 A67-31213	16 p2625 A67-31258	16 p2772 A67-31303
16 p2624 A67-31124 #	16 p2730 A67-31169 #	16 p2660 A67-31214	16 p2675 A67-31259	16 p2688 A67-31304*
16 p2655 A67-31125 #	16 p2731 A67-31170 #	16 p2660 A67-31215	16 p2655 A67-31260*	16 p2772 A67-31305
16 p2674 A67-31126 #	16 p2731 A67-31171 #	16 p2779 A67-31216	16 p2655 A67-31261	16 p2688 A67-31306
16 p2674 A67-31127 #	16 p2731 A67-31172 #	16 p2779 A67-31217	16 p2656 A67-31262	16 p2688 A67-31307
16 p2674 A67-31128 #	16 p2704 A67-31173*#	16 p2660 A67-31218	16 p2675 A67-31263	16 p2688 A67-31308
16 p2593 A67-31129 #	16 p2704 A67-31174 #	16 p2660 A67-31219	16 p2638 A67-31264*	16 p2689 A67-31309
16 p2675 A67-31130 #	16 p2716 A67-31175	16 p2660 A67-31220	16 p2594 A67-31265	16 p2689 A67-31310
16 p2593 A67-31131 #	16 p2716 A67-31176 #	16 p2661 A67-31221	16 p2675 A67-31266*	16 p2773 A67-31311*
16 p2593 A67-31132 #	16 p2716 A67-31177 #	16 p2661 A67-31222*	16 p2675 A67-31267*	16 p2773 A67-31312*
16 p2593 A67-31133 #	16 p2716 A67-31178 #	16 p2661 A67-31223	16 p2701 A67-31268*	16 p2694 A67-31313*
16 p2593 A67-31134 #	16 p2717 A67-31179 #	16 p2661 A67-31224	16 p2643 A67-31269	16 p2773 A67-31314
16 p2660 A67-31135 #	16 p2717 A67-31180 #	16 p2661 A67-31225	16 p2625 A67-31270	16 p2773 A67-31315*

ACCESSION NUMBER INDEX

16 p2774 A67-31316*	16 p2639 A67-31361	16 p2739 A67-31406*	16 p2750 A67-31451	16 p2640 A67-31496 #
16 p2774 A67-31317	16 p2627 A67-31362	16 p2627 A67-31407	16 p2667 A67-31452*	16 p2640 A67-31497 #
16 p2774 A67-31318	16 p2627 A67-31363	16 p2666 A67-31408	16 p2750 A67-31453*	16 p2628 A67-31498 #
16 p2774 A67-31319	16 p2640 A67-31364	16 p2749 A67-31409	16 p2751 A67-31454	16 p2628 A67-31499 #
16 p2774 A67-31320	16 p2627 A67-31365	16 p2666 A67-31410*	16 p2751 A67-31455*	16 p2628 A67-31500 #
16 p2774 A67-31321	16 p2627 A67-31366	16 p2739 A67-31411	16 p2751 A67-31456*	16 p2677 A67-31501 #
16 p2774 A67-31322	16 p2627 A67-31367	16 p2666 A67-31412*	16 p2739 A67-31457 #	16 p2779 A67-31502 #
16 p2775 A67-31323	16 p2689 A67-31368	16 p2666 A67-31413*	16 p2739 A67-31458 #	16 p2628 A67-31503 #
16 p2775 A67-31324	16 p2689 A67-31369	16 p2749 A67-31414*	16 p2739 A67-31459 #	16 p2628 A67-31504 #
16 p2775 A67-31325	16 p2689 A67-31370*	16 p2739 A67-31415*	16 p2751 A67-31460 #	16 p2628 A67-31505 #
16 p2775 A67-31326	16 p2690 A67-31371	16 p2666 A67-31416	16 p2751 A67-31461 #	16 p2640 A67-31506 #
16 p2689 A67-31327	16 p2690 A67-31372	16 p2749 A67-31417	16 p2751 A67-31462 #	16 p2628 A67-31507
16 p2689 A67-31328	16 p2690 A67-31373*	16 p2697 A67-31418	16 p2627 A67-31463 #	16 p2629 A67-31508
16 p2775 A67-31329	16 p2676 A67-31374 #	16 p2661 A67-31419	16 p2751 A67-31464 #	16 p2667 A67-31509
16 p2697 A67-31330	16 p2676 A67-31375 #	16 p2661 A67-31420	16 p2596 A67-31465 #	16 p2667 A67-31510
16 p2697 A67-31331*	16 p2676 A67-31376 #	16 p2661 A67-31421	16 p2776 A67-31466 #	16 p2667 A67-31511
16 p2697 A67-31332	16 p2676 A67-31377 #	16 p2697 A67-31422	16 p2662 A67-31467	16 p2629 A67-31512
16 p2697 A67-31333	16 p2609 A67-31378 #	16 p2775 A67-31423*	16 p2594 A67-31468	16 p2667 A67-31513
16 p2638 A67-31334	16 p2643 A67-31379 #	16 p2697 A67-31424*	16 p2662 A67-31469	16 p2629 A67-31514
16 p2638 A67-31335	16 p2644 A67-31380 #	16 p2749 A67-31425	16 p2662 A67-31470	16 p2667 A67-31515
16 p2638 A67-31336	16 p2676 A67-31381 #	16 p2697 A67-31426*	16 p2776 A67-31471	16 p2629 A67-31516
16 p2638 A67-31337	16 p2682 A67-31382 #	16 p2677 A67-31427*	16 p2614 A67-31472 #	16 p2667 A67-31517
16 p2638 A67-31338	16 p2682 A67-31383 #	16 p2634 A67-31428	16 p2614 A67-31473 #	16 p2779 A67-31518
16 p2639 A67-31339	16 p2690 A67-31384	16 p2677 A67-31429*	16 p2614 A67-31474 #	16 p2779 A67-31519
16 p2625 A67-31340	16 p2690 A67-31385	16 p2677 A67-31430*	16 p2619 A67-31475 #	16 p2780 A67-31520
16 p2625 A67-31341	16 p2720 A67-31386 #	16 p2640 A67-31431	16 p2619 A67-31476 #	16 p2734 A67-31521
16 p2625 A67-31342	16 p2720 A67-31387 #	16 p2677 A67-31432	16 p2721 A67-31477 #	16 p2694 A67-31522
16 p2625 A67-31343	16 p2731 A67-31388 #	16 p2690 A67-31433 #	16 p2704 A67-31478 #	16 p2694 A67-31523
16 p2625 A67-31344	16 p2721 A67-31389 #	16 p2749 A67-31434	16 p2732 A67-31479 #	16 p2690 A67-31524*
16 p2626 A67-31345	16 p2704 A67-31390 #	16 p2750 A67-31435	16 p2732 A67-31480 #	16 p2634 A67-31525*
16 p2626 A67-31346	16 p2704 A67-31391 #	16 p2750 A67-31436	16 p2732 A67-31481 #	16 p2640 A67-31526
16 p2626 A67-31347	16 p2721 A67-31392 #	16 p2750 A67-31437	16 p2698 A67-31482 #	16 p2732 A67-31527
16 p2626 A67-31348	16 p2721 A67-31393 #	16 p2750 A67-31438	16 p2721 A67-31483 #	16 p2640 A67-31528
16 p2626 A67-31349	16 p2721 A67-31394 #	16 p2750 A67-31439	16 p2686 A67-31484 #	16 p2629 A67-31529
16 p2626 A67-31350	16 p2779 A67-31395 #	16 p2661 A67-31440 #	16 p2667 A67-31485 #	16 p2629 A67-31530
16 p2627 A67-31351	16 p2721 A67-31396 #	16 p2750 A67-31441 #	16 p2694 A67-31486	16 p2640 A67-31531
16 p2627 A67-31352	16 p2676 A67-31397 #	16 p2667 A67-31442 #	16 p2751 A67-31487*	16 p2641 A67-31532
16 p2627 A67-31353	16 p2609 A67-31398 #	16 p2750 A67-31443 #	16 p2762 A67-31488	16 p2780 A67-31533
16 p2639 A67-31354	16 p2609 A67-31399 #	16 p2596 A67-31444 #	16 p2762 A67-31489	16 p2662 A67-31534
16 p2639 A67-31355	16 p2676 A67-31400 #	16 p2731 A67-31445	16 p2762 A67-31490	16 p2662 A67-31535
16 p2639 A67-31356	16 p2749 A67-31401*	16 p2731 A67-31446*	16 p2701 A67-31491*#	16 p2619 A67-31536
16 p2639 A67-31357	16 p2666 A67-31402	16 p2731 A67-31447	16 p2628 A67-31492 #	16 p2734 A67-31537
16 p2639 A67-31358	16 p2666 A67-31403	16 p2731 A67-31448*	16 p2596 A67-31493 #	16 p2614 A67-31538
16 p2639 A67-31359	16 p2749 A67-31404	16 p2731 A67-31449	16 p2628 A67-31494 #	16 p2597 A67-31539
16 p2639 A67-31360*	16 p2739 A67-31405	16 p2732 A67-31450	16 p2628 A67-31495 #	16 p2752 A67-31540*

ACCESSION NUMBER INDEX

16 p2752 A67-31541*	16 p2691 A67-31586	16 p2783 A67-31631 #	16 p2650 A67-31676*	16 p2641 A67-31721
16 p2677 A67-31542 #	16 p2691 A67-31587	16 p2783 A67-31632 #	16 p2651 A67-31677	16 p2610 A67-31722
16 p2698 A67-31543 #	16 p2691 A67-31588	16 p2634 A67-31633 #	16 p2651 A67-31678	16 p2642 A67-31723
16 p2776 A67-31544 #	16 p2691 A67-31589	16 p2644 A67-31634	16 p2763 A67-31679	16 p2642 A67-31724
16 p2776 A67-31545 #	16 p2691 A67-31590	16 p2646 A67-31635	16 p2651 A67-31680*	16 p2642 A67-31725
16 p2698 A67-31546 #	16 p2691 A67-31591	16 p2646 A67-31636	16 p2651 A67-31681	16 p2642 A67-31726
16 p2776 A67-31547 #	16 p2691 A67-31592	16 p2646 A67-31637*	16 p2651 A67-31682	16 p2642 A67-31727
16 p2721 A67-31548	16 p2691 A67-31593	16 p2646 A67-31638	16 p2651 A67-31683	16 p2683 A67-31728
16 p2721 A67-31549	16 p2691 A67-31594	16 p2646 A67-31639	16 p2652 A67-31684	16 p2733 A67-31729
16 p2662 A67-31550	16 p2691 A67-31595	16 p2762 A67-31640	16 p2652 A67-31685	16 p2733 A67-31730
16 p2662 A67-31551	16 p2683 A67-31596	16 p2647 A67-31641	16 p2776 A67-31686*	16 p2686 A67-31731
16 p2721 A67-31552	16 p2694 A67-31597	16 p2703 A67-31642	16 p2652 A67-31687	16 p2733 A67-31732
16 p2780 A67-31553	16 p2691 A67-31598	16 p2762 A67-31643	16 p2629 A67-31688	16 p2733 A67-31733
16 p2667 A67-31554 #	16 p2692 A67-31599	16 p2763 A67-31644	16 p2763 A67-31689	16 p2753 A67-31734
16 p2662 A67-31555 #	16 p2662 A67-31600	16 p2647 A67-31645 #	16 p2652 A67-31690	16 p2698 A67-31735
16 p2776 A67-31556 #	16 p2644 A67-31601	16 p2763 A67-31646	16 p2652 A67-31691	16 p2698 A67-31736
16 p2780 A67-31557 #	16 p2752 A67-31602	16 p2647 A67-31647	16 p2652 A67-31692*	16 p2698 A67-31737
16 p2776 A67-31558	16 p2752 A67-31603	16 p2647 A67-31648*	16 p2652 A67-31693	16 p2630 A67-31738
16 p2641 A67-31559	16 p2752 A67-31604	16 p2647 A67-31649	16 p2653 A67-31694	16 p2683 A67-31739
16 p2722 A67-31560 #	16 p2752 A67-31605	16 p2647 A67-31650	16 p2653 A67-31695	16 p2630 A67-31740
16 p2597 A67-31561	16 p2663 A67-31606	16 p2647 A67-31651	16 p2752 A67-31696*	16 p2686 A67-31741
16 p2686 A67-31562	16 p2677 A67-31607	16 p2648 A67-31652	16 p2753 A67-31697	16 p2668 A67-31742 #
16 p2682 A67-31563	16 p2677 A67-31608	16 p2648 A67-31653	16 p2732 A67-31698*	16 p2753 A67-31743*#
16 p2722 A67-31564 #	16 p2677 A67-31609	16 p2648 A67-31654*	16 p2753 A67-31699*	16 p2753 A67-31744*#
16 p2705 A67-31565	16 p2677 A67-31610	16 p2648 A67-31655	16 p2753 A67-31700*	16 p2753 A67-31745*#
16 p2641 A67-31566	16 p2614 A67-31611	16 p2648 A67-31656	16 p2695 A67-31701*	16 p2754 A67-31746 #
16 p2668 A67-31567	16 p2614 A67-31612	16 p2701 A67-31657*	16 p2663 A67-31702	16 p2754 A67-31747 #
16 p2634 A67-31568 #	16 p2752 A67-31613	16 p2648 A67-31658	16 p2663 A67-31703	16 p2754 A67-31748*#
16 p2722 A67-31569	16 p2752 A67-31614	16 p2701 A67-31659	16 p2732 A67-31704	16 p2754 A67-31749*#
16 p2722 A67-31570	16 p2736 A67-31615	16 p2649 A67-31660	16 p2732 A67-31705	16 p2754 A67-31750 #
16 p2722 A67-31571	16 p2740 A67-31616	16 p2649 A67-31661*	16 p2733 A67-31706	16 p2683 A67-31751
16 p2722 A67-31572	16 p2736 A67-31617	16 p2649 A67-31662*	16 p2668 A67-31707	16 p2683 A67-31752
16 p2722 A67-31573	16 p2641 A67-31618	16 p2609 A67-31663	16 p2777 A67-31708	16 p2695 A67-31753
16 p2722 A67-31574	16 p2641 A67-31619	16 p2609 A67-31664	16 p2663 A67-31709	16 p2695 A67-31754
16 p2722 A67-31575	16 p2641 A67-31620	16 p2609 A67-31665	16 p2594 A67-31710	16 p2683 A67-31755
16 p2686 A67-31576	16 p2641 A67-31621	16 p2649 A67-31666	16 p2663 A67-31711	16 p2683 A67-31756
16 p2723 A67-31577	16 p2641 A67-31622	16 p2649 A67-31667	16 p2594 A67-31712	16 p2705 A67-31757
16 p2723 A67-31578	16 p2752 A67-31623 #	16 p2649 A67-31668	16 p2609 A67-31713	16 p2705 A67-31758*
16 p2594 A67-31579	16 p2752 A67-31624 #	16 p2649 A67-31669	16 p2723 A67-31714	16 p2705 A67-31759*
16 p2723 A67-31580	16 p2752 A67-31625 #	16 p2650 A67-31670	16 p2677 A67-31715	16 p2620 A67-31760
16 p2723 A67-31581	16 p2740 A67-31626*	16 p2650 A67-31671	16 p2753 A67-31716	16 p2620 A67-31761 #
16 p2723 A67-31582	16 p2705 A67-31627*	16 p2650 A67-31672	16 p2699 A67-31717	16 p2620 A67-31762 #
16 p2723 A67-31583	16 p2629 A67-31628	16 p2650 A67-31673	16 p2653 A67-31718	16 p2780 A67-31763*#
16 p2609 A67-31584	16 p2783 A67-31629 #	16 p2650 A67-31674*	16 p2630 A67-31719	16 p2703 A67-31764
16 p2609 A67-31585	16 p2783 A67-31630 #	16 p2650 A67-31675	16 p2678 A67-31720	16 p2630 A67-31765

ACCESSION NUMBER INDEX

16 p2615 A67-31766	16 p2734 A67-31811	16 p2631 A67-31856 #	16 p2632 A67-31901 #	17 p2822 A67-31946
16 p2723 A67-31767	16 p2597 A67-31812	16 p2631 A67-31857 #	16 p2669 A67-31902 #	17 p2940 A67-31947
16 p2723 A67-31768	16 p2777 A67-31813*#	16 p2632 A67-31858*#	16 p2669 A67-31903 #	17 p2841 A67-31948
16 p2723 A67-31769	16 p2702 A67-31814*#	16 p2632 A67-31859	16 p2669 A67-31904 #	17 p2940 A67-31949
16 p2723 A67-31770	16 p2620 A67-31815*#	16 p2632 A67-31860 #	16 p2669 A67-31905 #	17 p2956 A67-31950
16 p2692 A67-31771	16 p2684 A67-31816*#	16 p2632 A67-31861 #	16 p2669 A67-31906 #	17 p2956 A67-31951
16 p2780 A67-31772	16 p2594 A67-31817	16 p2632 A67-31862 #	16 p2669 A67-31907 #	17 p2805 A67-31952
16 p2692 A67-31773	16 p2595 A67-31818 #	16 p2632 A67-31863 #	16 p2669 A67-31908 #	17 p2805 A67-31953*
16 p2723 A67-31774	16 p2595 A67-31819*#	16 p2754 A67-31864	16 p2632 A67-31909 #	17 p2806 A67-31954*
16 p2724 A67-31775	16 p2595 A67-31820 #	16 p2724 A67-31865	16 p2669 A67-31910 #	17 p2805 A67-31955
16 p2724 A67-31776	16 p2595 A67-31821 #	16 p2754 A67-31866	16 p2670 A67-31911 #	17 p2805 A67-31956*
16 p2780 A67-31777	16 p2680 A67-31822 #	16 p2692 A67-31867	16 p2698 A67-31912 #	17 p2805 A67-31957*
16 p2780 A67-31778	16 p2680 A67-31823*#	16 p2692 A67-31868	16 p2698 A67-31913 #	17 p2805 A67-31958
16 p2703 A67-31779	16 p2610 A67-31824 #	16 p2693 A67-31869	16 p2656 A67-31914	17 p2807 A67-31959
16 p2610 A67-31780	16 p2597 A67-31825 #	16 p2693 A67-31870	16 p2610 A67-31915	17 p2807 A67-31960 #
16 p2705 A67-31781	16 p2597 A67-31826 #	16 p2693 A67-31871	16 p2633 A67-31916	17 p2805 A67-31961
16 p2724 A67-31782	16 p2598 A67-31827 #	16 p2693 A67-31872	16 p2681 A67-31917	17 p2806 A67-31962
16 p2610 A67-31783	16 p2783 A67-31828 #	16 p2693 A67-31873*	16 p2670 A67-31918 #	17 p2806 A67-31963 #
16 p2678 A67-31784	16 p2598 A67-31829 #	16 p2693 A67-31874	16 p2642 A67-31919	17 p2806 A67-31964
16 p2597 A67-31785	16 p2783 A67-31830 #	16 p2680 A67-31875*	16 p2703 A67-31920	17 p2806 A67-31965
16 p2597 A67-31786 #	16 p2737 A67-31831 #	16 p2733 A67-31876*	16 p2741 A67-31921	17 p2807 A67-31966
16 p2597 A67-31787	16 p2598 A67-31832 #	16 p2703 A67-31877*	16 p2705 A67-31922	17 p2798 A67-31967
16 p2683 A67-31788	16 p2737 A67-31833 #	16 p2733 A67-31878*	16 p2755 A67-31923*	17 p2793 A67-31968
16 p2763 A67-31789	16 p2684 A67-31834 #	16 p2686 A67-31879	17 p2871 A67-31924 #	17 p2800 A67-31969
16 p2754 A67-31790	16 p2598 A67-31835 #	16 p2733 A67-31880	17 p2853 A67-31925 #	17 p2800 A67-31970
16 p2678 A67-31791	16 p2598 A67-31836 #	16 p2734 A67-31881*	17 p2866 A67-31926 #	17 p2800 A67-31971
16 p2678 A67-31792 #	16 p2777 A67-31837 #	16 p2686 A67-31882 #	17 p2883 A67-31927 #	17 p2953 A67-31972
16 p2678 A67-31793 #	16 p2777 A67-31838	16 p2681 A67-31883	17 p2910 A67-31928 #	17 p2953 A67-31973*
16 p2678 A67-31794 #	16 p2598 A67-31839 #	16 p2734 A67-31884*	17 p2883 A67-31929 #	17 p2927 A67-31974
16 p2679 A67-31795 #	16 p2598 A67-31840 #	16 p2740 A67-31885 #	17 p2876 A67-31930	17 p2800 A67-31975
16 p2679 A67-31796 #	16 p2598 A67-31841 #	16 p2740 A67-31886 #	17 p2875 A67-31931	17 p2800 A67-31976
16 p2679 A67-31797 #	16 p2599 A67-31842 #	16 p2668 A67-31887 #	17 p2956 A67-31932	17 p2800 A67-31977
16 p2679 A67-31798 #	16 p2777 A67-31843 #	16 p2755 A67-31888*#	17 p2881 A67-31933	17 p2800 A67-31978
16 p2630 A67-31799 #	16 p2777 A67-31844 #	16 p2755 A67-31889 #	17 p2831 A67-31934	17 p2953 A67-31979*
16 p2679 A67-31800 #	16 p2599 A67-31845 #	16 p2668 A67-31890 #	17 p2831 A67-31935	17 p2954 A67-31980*
16 p2679 A67-31801 #	16 p2777 A67-31846 #	16 p2740 A67-31891 #	17 p2822 A67-31936	17 p2927 A67-31981
16 p2680 A67-31802*#	16 p2777 A67-31847	16 p2740 A67-31892 #	17 p2822 A67-31937	17 p2954 A67-31982
16 p2680 A67-31803 #	16 p2630 A67-31848 #	16 p2668 A67-31893 #	17 p2831 A67-31938	17 p2801 A67-31983
16 p2680 A67-31804 #	16 p2630 A67-31849 #	16 p2668 A67-31894 #	17 p2822 A67-31939	17 p2801 A67-31984
16 p2680 A67-31805 #	16 p2631 A67-31850 #	16 p2668 A67-31895 #	17 p2831 A67-31940	17 p2801 A67-31985
16 p2680 A67-31806 #	16 p2631 A67-31851 #	16 p2669 A67-31896 #	17 p2887 A67-31941	17 p2832 A67-31986
16 p2630 A67-31807	16 p2631 A67-31852 #	16 p2669 A67-31897 #	17 p2822 A67-31942	17 p2793 A67-31987
16 p2686 A67-31808	16 p2631 A67-31853 #	16 p2740 A67-31898 #	17 p2831 A67-31943	17 p2794 A67-31988
16 p2734 A67-31809 #	16 p2631 A67-31854 #	16 p2740 A67-31899 #	17 p2822 A67-31944	17 p2794 A67-31989
16 p2597 A67-31810	16 p2631 A67-31855 #	16 p2741 A67-31900 #	17 p2832 A67-31945	17 p2864 A67-31990

ACCESSION NUMBER INDEX

17 p2801 A67-31991	17 p2795 A67-32036 #	17 p2932 A67-32081 #	17 p2967 A67-32126	17 p2897 A67-32171 #
17 p2801 A67-31992	17 p2822 A67-32037 #	17 p2932 A67-32082 #	17 p2836 A67-32127	17 p2897 A67-32172 #
17 p2864 A67-31993	17 p2836 A67-32038	17 p2932 A67-32083 #	17 p2958 A67-32128	17 p2897 A67-32173 #
17 p2832 A67-31994	17 p2789 A67-32039	17 p2932 A67-32084 #	17 p2967 A67-32129 #	17 p2897 A67-32174 #
17 p2853 A67-31995*	17 p2967 A67-32040	17 p2932 A67-32085 #	17 p2967 A67-32130 #	17 p2897 A67-32175 #
17 p2794 A67-31996	17 p2930 A67-32041 #	17 p2932 A67-32086 #	17 p2967 A67-32131 #	17 p2897 A67-32176 #
17 p2794 A67-31997	17 p2871 A67-32042 #	17 p2933 A67-32087 #	17 p2967 A67-32132 #	17 p2897 A67-32177 #
17 p2794 A67-31998	17 p2876 A67-32043 #	17 p2933 A67-32088 #	17 p2871 A67-32133 #	17 p2898 A67-32178 #
17 p2794 A67-31999	17 p2806 A67-32044*	17 p2933 A67-32089 #	17 p2890 A67-32134	17 p2802 A67-32179 #
17 p2794 A67-32000	17 p2876 A67-32045*	17 p2933 A67-32090 #	17 p2893 A67-32135 #	17 p2898 A67-32180 #
17 p2794 A67-32001	17 p2853 A67-32046*	17 p2933 A67-32091 #	17 p2893 A67-32136 #	17 p2898 A67-32181 #
17 p2795 A67-32002	17 p2801 A67-32047 #	17 p2933 A67-32092 #	17 p2893 A67-32137 #	17 p2802 A67-32182 #
17 p2832 A67-32003*	17 p2801 A67-32048 #	17 p2933 A67-32093 #	17 p2893 A67-32138 #	17 p2898 A67-32183 #
17 p2795 A67-32004	17 p2802 A67-32049*#	17 p2934 A67-32094 #	17 p2893 A67-32139 #	17 p2898 A67-32184 #
17 p2832 A67-32005	17 p2802 A67-32050 #	17 p2934 A67-32095 #	17 p2967 A67-32140 #	17 p2898 A67-32185 #
17 p2928 A67-32006	17 p2928 A67-32051*#	17 p2934 A67-32096 #	17 p2808 A67-32141 #	17 p2899 A67-32186 #
17 p2801 A67-32007	17 p2802 A67-32052 #	17 p2854 A67-32097 #	17 p2809 A67-32142 #	17 p2899 A67-32187 #
17 p2864 A67-32008	17 p2836 A67-32053*#	17 p2854 A67-32098 #	17 p2893 A67-32143 #	17 p2809 A67-32188 #
17 p2864 A67-32009	17 p2958 A67-32054*#	17 p2934 A67-32099 #	17 p2893 A67-32144 #	17 p2865 A67-32189 #
17 p2966 A67-32010	17 p2954 A67-32055 #	17 p2883 A67-32100 #	17 p2894 A67-32145 #	17 p2833 A67-32190 #
17 p2954 A67-32011	17 p2881 A67-32056 #	17 p2887 A67-32101 #	17 p2894 A67-32146 #	17 p2854 A67-32191
17 p2832 A67-32012	17 p2881 A67-32057*#	17 p2940 A67-32102 #	17 p2894 A67-32147 #	17 p2911 A67-32192
17 p2954 A67-32013	17 p2881 A67-32058*#	17 p2934 A67-32103 #	17 p2894 A67-32148 #	17 p2911 A67-32193
17 p2829 A67-32014*#	17 p2940 A67-32059*#	17 p2934 A67-32104 #	17 p2968 A67-32149 #	17 p2911 A67-32194
17 p2882 A67-32015 #	17 p2832 A67-32060 #	17 p2934 A67-32105 #	17 p2894 A67-32150 #	17 p2823 A67-32195
17 p2829 A67-32016 #	17 p2789 A67-32061 #	17 p2934 A67-32106 #	17 p2968 A67-32151 #	17 p2911 A67-32196
17 p2835 A67-32017 #	17 p2789 A67-32062 #	17 p2935 A67-32107 #	17 p2894 A67-32152 #	17 p2823 A67-32197
17 p2883 A67-32018 #	17 p2832 A67-32063 #	17 p2935 A67-32108 #	17 p2895 A67-32153 #	17 p2823 A67-32198
17 p2789 A67-32019	17 p2928 A67-32064*#	17 p2935 A67-32109 #	17 p2895 A67-32154 #	17 p2823 A67-32199
17 p2822 A67-32020	17 p2832 A67-32065 #	17 p2810 A67-32110	17 p2895 A67-32155 #	17 p2865 A67-32200
17 p2956 A67-32021	17 p2833 A67-32066 #	17 p2810 A67-32111	17 p2895 A67-32156 #	17 p2887 A67-32201
17 p2957 A67-32022	17 p2789 A67-32067 #	17 p2811 A67-32112	17 p2895 A67-32157 #	17 p2911 A67-32202
17 p2957 A67-32023	17 p2967 A67-32068 #	17 p2811 A67-32113	17 p2928 A67-32158 #	17 p2887 A67-32203*
17 p2957 A67-32024	17 p2926 A67-32069 #	17 p2811 A67-32114	17 p2895 A67-32159 #	17 p2883 A67-32204
17 p2957 A67-32025	17 p2810 A67-32070 #	17 p2811 A67-32115	17 p2895 A67-32160 #	17 p2887 A67-32205*
17 p2957 A67-32026	17 p2789 A67-32071 #	17 p2811 A67-32116*	17 p2896 A67-32161 #	17 p2911 A67-32206
17 p2957 A67-32027	17 p2836 A67-32072 #	17 p2811 A67-32117*	17 p2854 A67-32162 #	17 p2940 A67-32207
17 p2957 A67-32028 #	17 p2954 A67-32073 #	17 p2811 A67-32118	17 p2896 A67-32163 #	17 p2940 A67-32208
17 p2958 A67-32029	17 p2954 A67-32074 #	17 p2811 A67-32119*	17 p2854 A67-32164 #	17 p2841 A67-32209
17 p2958 A67-32030 #	17 p2940 A67-32075 #	17 p2812 A67-32120*	17 p2896 A67-32165 #	17 p2940 A67-32210
17 p2876 A67-32031 #	17 p2833 A67-32076 #	17 p2795 A67-32121	17 p2896 A67-32166 #	17 p2841 A67-32211
17 p2795 A67-32032	17 p2930 A67-32077	17 p2795 A67-32122	17 p2833 A67-32167 #	17 p2841 A67-32212
17 p2966 A67-32033	17 p2931 A67-32078 #	17 p2928 A67-32123	17 p2968 A67-32168 #	17 p2841 A67-32213
17 p2958 A67-32034 #	17 p2931 A67-32079 #	17 p2974 A67-32124	17 p2896 A67-32169 #	17 p2795 A67-32214 #
17 p2789 A67-32035 #	17 p2932 A67-32080 #	17 p2795 A67-32125	17 p2896 A67-32170 #	17 p2790 A67-32215 #

ACCESSION NUMBER INDEX

17 p2796 A67-32216 #	17 p2836 A67-32261	17 p2824 A67-32306	17 p2855 A67-32351 #	17 p2955 A67-32396
17 p2958 A67-32217	17 p2836 A67-32262	17 p2829 A67-32307	17 p2855 A67-32352 #	17 p2813 A67-32397 #
17 p2796 A67-32218 #	17 p2865 A67-32263	17 p2824 A67-32308	17 p2887 A67-32353*	17 p2974 A67-32398 #
17 p2796 A67-32219	17 p2912 A67-32264	17 p2899 A67-32309	17 p2901 A67-32354	17 p2955 A67-32399
17 p2911 A67-32220	17 p2912 A67-32265	17 p2913 A67-32310	17 p2883 A67-32355	17 p2813 A67-32400 #
17 p2968 A67-32221	17 p2912 A67-32266	17 p2829 A67-32311	17 p2888 A67-32356	17 p2914 A67-32401 #
17 p2823 A67-32222	17 p2912 A67-32267 #	17 p2812 A67-32312	17 p2942 A67-32357*	17 p2867 A67-32402
17 p2829 A67-32223 #	17 p2912 A67-32268 #	17 p2824 A67-32313	17 p2942 A67-32358	17 p2790 A67-32403 #
17 p2823 A67-32224 #	17 p2912 A67-32269 #	17 p2812 A67-32314	17 p2942 A67-32359	17 p2901 A67-32404 #
17 p2817 A67-32225 #	17 p2912 A67-32270 #	17 p2824 A67-32315	17 p2883 A67-32360	17 p2942 A67-32405 #
17 p2928 A67-32226 #	17 p2912 A67-32271 #	17 p2824 A67-32316	17 p2883 A67-32361	17 p2958 A67-32406 #
17 p2854 A67-32227 #	17 p2913 A67-32272 #	17 p2812 A67-32317	17 p2867 A67-32362	17 p2958 A67-32407 #
17 p2802 A67-32228 #	17 p2913 A67-32273 #	17 p2812 A67-32318	17 p2936 A67-32363	17 p2959 A67-32408 #
17 p2802 A67-32229 #	17 p2899 A67-32274 #	17 p2812 A67-32319	17 p2842 A67-32364	17 p2959 A67-32409 #
17 p2935 A67-32230	17 p2866 A67-32275 #	17 p2813 A67-32320	17 p2803 A67-32365	17 p2968 A67-32410 #
17 p2790 A67-32231	17 p2899 A67-32276 #	17 p2941 A67-32321 #	17 p2867 A67-32366 #	17 p2871 A67-32411*#
17 p2941 A67-32232	17 p2866 A67-32277 #	17 p2941 A67-32322 #	17 p2913 A67-32367	17 p2959 A67-32412 #
17 p2968 A67-32233	17 p2790 A67-32278 #	17 p2879 A67-32323 #	17 p2901 A67-32368	17 p2959 A67-32413 #
17 p2854 A67-32234	17 p2836 A67-32279 #	17 p2941 A67-32324 #	17 p2901 A67-32369*	17 p2959 A67-32414*#
17 p2941 A67-32235	17 p2887 A67-32280*#	17 p2842 A67-32325 #	17 p2913 A67-32370	17 p2959 A67-32415 #
17 p2876 A67-32236	17 p2968 A67-32281 #	17 p2941 A67-32326 #	17 p2913 A67-32371	17 p2838 A67-32416 #
17 p2812 A67-32237	17 p2855 A67-32282*#	17 p2855 A67-32327 #	17 p2913 A67-32372	17 p2838 A67-32417 #
17 p2807 A67-32238	17 p2836 A67-32283 #	17 p2942 A67-32328 #	17 p2913 A67-32373*	17 p2818 A67-32418 #
17 p2941 A67-32239 #	17 p2790 A67-32284 #	17 p2942 A67-32329 #	17 p2867 A67-32374	17 p2838 A67-32419 #
17 p2941 A67-32240 #	17 p2941 A67-32285 #	17 p2942 A67-32330 #	17 p2914 A67-32375	17 p2959 A67-32420*#
17 p2954 A67-32241 #	17 p2837 A67-32286 #	17 p2818 A67-32331	17 p2955 A67-32376	17 p2960 A67-32421*#
17 p2954 A67-32242 #	17 p2855 A67-32287	17 p2824 A67-32332	17 p2888 A67-32377 #	17 p2960 A67-32422*#
17 p2955 A67-32243 #	17 p2837 A67-32288	17 p2806 A67-32333 #	17 p2914 A67-32378	17 p2876 A67-32423*#
17 p2841 A67-32244 #	17 p2837 A67-32289	17 p2899 A67-32334	17 p2790 A67-32379	17 p2818 A67-32424
17 p2854 A67-32245 #	17 p2883 A67-32290	17 p2803 A67-32335 #	17 p2837 A67-32380	17 p2818 A67-32425
17 p2935 A67-32246 #	17 p2899 A67-32291	17 p2803 A67-32336 #	17 p2936 A67-32381 #	17 p2818 A67-32426
17 p2935 A67-32247 #	17 p2913 A67-32292	17 p2837 A67-32337 #	17 p2936 A67-32382 #	17 p2819 A67-32427
17 p2935 A67-32248 #	17 p2866 A67-32293	17 p2900 A67-32338 #	17 p2842 A67-32383 #	17 p2819 A67-32428
17 p2935 A67-32249 #	17 p2913 A67-32294	17 p2900 A67-32339 #	17 p2842 A67-32384 #	17 p2838 A67-32429
17 p2855 A67-32250 #	17 p2842 A67-32295	17 p2803 A67-32340 #	17 p2876 A67-32385 #	17 p2829 A67-32430
17 p2936 A67-32251 #	17 p2818 A67-32296 #	17 p2842 A67-32341 #	17 p2914 A67-32386*	17 p2829 A67-32431*
17 p2912 A67-32252 #	17 p2823 A67-32297 #	17 p2900 A67-32342 #	17 p2942 A67-32387*	17 p2943 A67-32432
17 p2842 A67-32253 #	17 p2823 A67-32298 #	17 p2900 A67-32343 #	17 p2942 A67-32388	17 p2871 A67-32433
17 p2807 A67-32254 #	17 p2823 A67-32299 #	17 p2900 A67-32344 #	17 p2843 A67-32389	17 p2796 A67-32434
17 p2955 A67-32255 #	17 p2802 A67-32300	17 p2837 A67-32345 #	17 p2888 A67-32390*#	17 p2928 A67-32435
17 p2899 A67-32256 #	17 p2824 A67-32301	17 p2837 A67-32346 #	17 p2881 A67-32391	17 p2881 A67-32436
17 p2842 A67-32257 #	17 p2824 A67-32302	17 p2837 A67-32347 #	17 p2796 A67-32392	17 p2803 A67-32437
17 p2842 A67-32258 #	17 p2812 A67-32303	17 p2901 A67-32348 #	17 p2855 A67-32393*	17 p2855 A67-32438
17 p2958 A67-32259	17 p2812 A67-32304	17 p2901 A67-32349 #	17 p2824 A67-32394	17 p2943 A67-32439
17 p2790 A67-32260	17 p2812 A67-32305	17 p2803 A67-32350 #	17 p2824 A67-32395	17 p2943 A67-32440

ACCESSION NUMBER INDEX

17 p2943 A67-32441*	17 p2858 A67-32486 #	17 p2843 A67-32531 #	17 p2834 A67-32576 #	17 p2826 A67-32621
17 p2943 A67-32442	17 p2881 A67-32487 #	17 p2936 A67-32532*#	17 p2960 A67-32577 #	17 p2815 A67-32622
17 p2943 A67-32443	17 p2881 A67-32488 #	17 p2936 A67-32533 #	17 p2797 A67-32578 #	17 p2826 A67-32623
17 p2843 A67-32444	17 p2833 A67-32489 #	17 p2936 A67-32534*#	17 p2960 A67-32579 #	17 p2816 A67-32624
17 p2969 A67-32445	17 p2833 A67-32490 #	17 p2843 A67-32535*#	17 p2797 A67-32580 #	17 p2860 A67-32625
17 p2969 A67-32446	17 p2833 A67-32491 #	17 p2843 A67-32536 #	17 p2880 A67-32581 #	17 p2816 A67-32626
17 p2969 A67-32447	17 p2833 A67-32492 #	17 p2936 A67-32537 #	17 p2797 A67-32582*#	17 p2829 A67-32627
17 p2790 A67-32448	17 p2882 A67-32493 #	17 p2843 A67-32538*#	17 p2797 A67-32583 #	17 p2871 A67-32628
17 p2969 A67-32449	17 p2824 A67-32494 #	17 p2937 A67-32539*#	17 p2797 A67-32584 #	17 p2888 A67-32629
17 p2969 A67-32450	17 p2813 A67-32495 #	17 p2844 A67-32540 #	17 p2865 A67-32585 #	17 p2807 A67-32630
17 p2914 A67-32451	17 p2813 A67-32496 #	17 p2943 A67-32541*#	17 p2791 A67-32586 #	17 p2888 A67-32631
17 p2867 A67-32452	17 p2956 A67-32497 #	17 p2943 A67-32542*#	17 p2797 A67-32587 #	17 p2960 A67-32632 #
17 p2914 A67-32453	17 p2813 A67-32498 #	17 p2844 A67-32543 #	17 p2791 A67-32588 #	17 p2960 A67-32633 #
17 p2960 A67-32454*	17 p2819 A67-32499 #	17 p2937 A67-32544*#	17 p2859 A67-32589 #	17 p2943 A67-32634
17 p2960 A67-32455	17 p2820 A67-32500 #	17 p2844 A67-32545 #	17 p2834 A67-32590 #	17 p2944 A67-32635*
17 p2855 A67-32456	17 p2820 A67-32501 #	17 p2844 A67-32546 #	17 p2798 A67-32591 #	17 p2944 A67-32636*
17 p2969 A67-32457	17 p2820 A67-32502 #	17 p2844 A67-32547 #	17 p2834 A67-32592*	17 p2944 A67-32637
17 p2969 A67-32458 #	17 p2820 A67-32503 #	17 p2879 A67-32548 #	17 p2859 A67-32593	17 p2944 A67-32638
17 p2969 A67-32459 #	17 p2859 A67-32504 #	17 p2879 A67-32549 #	17 p2860 A67-32594	17 p2937 A67-32639*
17 p2970 A67-32460 #	17 p2803 A67-32505 #	17 p2880 A67-32550*#	17 p2884 A67-32595	17 p2944 A67-32640*
17 p2970 A67-32461 #	17 p2859 A67-32506 #	17 p2880 A67-32551 #	17 p2884 A67-32596	17 p2944 A67-32641
17 p2970 A67-32462 #	17 p2814 A67-32507 #	17 p2880 A67-32552 #	17 p2834 A67-32597	17 p2944 A67-32642
17 p2970 A67-32463 #	17 p2859 A67-32508 #	17 p2880 A67-32553 #	17 p2807 A67-32598	17 p2944 A67-32643*
17 p2970 A67-32464	17 p2859 A67-32509 #	17 p2880 A67-32554 #	17 p2825 A67-32599	17 p2945 A67-32644*
17 p2871 A67-32465*	17 p2803 A67-32510*#	17 p2880 A67-32555 #	17 p2825 A67-32600	17 p2945 A67-32645
17 p2843 A67-32466	17 p2804 A67-32511 #	17 p2791 A67-32556	17 p2860 A67-32601	17 p2945 A67-32646
17 p2855 A67-32467	17 p2804 A67-32512 #	17 p2876 A67-32557	17 p2860 A67-32602	17 p2945 A67-32647
17 p2819 A67-32468 #	17 p2825 A67-32513 #	17 p2877 A67-32558	17 p2814 A67-32603	17 p2937 A67-32648*
17 p2857 A67-32469 #	17 p2825 A67-32514 #	17 p2877 A67-32559*	17 p2814 A67-32604	17 p2937 A67-32649*
17 p2857 A67-32470 #	17 p2804 A67-32515 #	17 p2877 A67-32560	17 p2815 A67-32605	17 p2937 A67-32650
17 p2813 A67-32471 #	17 p2814 A67-32516 #	17 p2877 A67-32561	17 p2815 A67-32606	17 p2945 A67-32651
17 p2813 A67-32472 #	17 p2796 A67-32517 #	17 p2877 A67-32562 #	17 p2815 A67-32607	17 p2945 A67-32652*
17 p2819 A67-32473 #	17 p2804 A67-32518 #	17 p2877 A67-32563*	17 p2815 A67-32608	17 p2945 A67-32653
17 p2819 A67-32474 #	17 p2796 A67-32519 #	17 p2928 A67-32564	17 p2815 A67-32609	17 p2914 A67-32654 #
17 p2796 A67-32475 #	17 p2814 A67-32520 #	17 p2901 A67-32565 #	17 p2815 A67-32610	17 p2914 A67-32655 #
17 p2881 A67-32476 #	17 p2814 A67-32521 #	17 p2844 A67-32566 #	17 p2815 A67-32611	17 p2826 A67-32656 #
17 p2955 A67-32477 #	17 p2859 A67-32522 #	17 p2791 A67-32567 #	17 p2867 A67-32612	17 p2915 A67-32657 #
17 p2955 A67-32478 #	17 p2814 A67-32523 #	17 p2797 A67-32568 #	17 p2867 A67-32613	17 p2902 A67-32658 #
17 p2955 A67-32479*#	17 p2825 A67-32524 #	17 p2928 A67-32569 #	17 p2815 A67-32614	17 p2902 A67-32659 #
17 p2858 A67-32480 #	17 p2825 A67-32525 #	17 p2926 A67-32570 #	17 p2914 A67-32615	17 p2915 A67-32660
17 p2858 A67-32481 #	17 p2882 A67-32526 #	17 p2834 A67-32571 #	17 p2860 A67-32616	17 p2868 A67-32661
17 p2858 A67-32482 #	17 p2882 A67-32527 #	17 p2797 A67-32572 #	17 p2825 A67-32617	17 p2868 A67-32662
17 p2858 A67-32483 #	17 p2901 A67-32528*#	17 p2797 A67-32573 #	17 p2826 A67-32618	17 p2868 A67-32663
17 p2858 A67-32484*#	17 p2843 A67-32529 #	17 p2797 A67-32574 #	17 p2860 A67-32619	17 p2844 A67-32664
17 p2858 A67-32485 #	17 p2936 A67-32530 #	17 p2791 A67-32575 #	17 p2826 A67-32620	17 p2860 A67-32665

ACCESSION NUMBER INDEX

17 p2807 A67-32666	17 p2791 A67-32711 #	17 p2947 A67-32756 #	17 p2820 A67-32801	17 p2917 A67-32846 #
17 p2868 A67-32667 #	17 p2878 A67-32712 #	17 p2947 A67-32757 #	17 p2820 A67-32802	17 p2917 A67-32847 #
17 p2868 A67-32668 #	17 p2839 A67-32713 #	17 p2947 A67-32758 #	17 p2821 A67-32803	17 p2918 A67-32848 #
17 p2902 A67-32669 #	17 p2961 A67-32714 #	17 p2947 A67-32759	17 p2869 A67-32804	17 p2918 A67-32849 #
17 p2902 A67-32670 #	17 p2839 A67-32715 #	17 p2947 A67-32760	17 p2916 A67-32805	17 p2918 A67-32850 #
17 p2902 A67-32671 #	17 p2878 A67-32716 #	17 p2937 A67-32761*	17 p2970 A67-32806	17 p2918 A67-32851 #
17 p2902 A67-32672 #	17 p2884 A67-32717 #	17 p2947 A67-32762*	17 p2961 A67-32807 #	17 p2918 A67-32852 #
17 p2902 A67-32673 #	17 p2915 A67-32718 #	17 p2947 A67-32763	17 p2961 A67-32808 #	17 p2918 A67-32853 #
17 p2902 A67-32674 #	17 p2915 A67-32719 #	17 p2947 A67-32764*	17 p2916 A67-32809 #	17 p2918 A67-32854 #
17 p2915 A67-32675 #	17 p2915 A67-32720 #	17 p2844 A67-32765	17 p2879 A67-32810 #	17 p2919 A67-32855 #
17 p2903 A67-32676 #	17 p2916 A67-32721 #	17 p2845 A67-32766	17 p2869 A67-32811 #	17 p2919 A67-32856 #
17 p2877 A67-32677 #	17 p2872 A67-32722 #	17 p2873 A67-32767 #	17 p2873 A67-32812	17 p2919 A67-32857 #
17 p2877 A67-32678 #	17 p2872 A67-32723 #	17 p2873 A67-32768 #	17 p2873 A67-32813	17 p2919 A67-32858 #
17 p2791 A67-32679 #	17 p2956 A67-32724	17 p2873 A67-32769 #	17 p2807 A67-32814*#	17 p2919 A67-32859 #
17 p2878 A67-32680 #	17 p2882 A67-32725	17 p2873 A67-32770 #	17 p2873 A67-32815	17 p2919 A67-32860 #
17 p2838 A67-32681 #	17 p2868 A67-32726	17 p2974 A67-32771*	17 p2860 A67-32816 #	17 p2919 A67-32861 #
17 p2903 A67-32682 #	17 p2929 A67-32727	17 p2868 A67-32772*	17 p2834 A67-32817	17 p2919 A67-32862 #
17 p2826 A67-32683 #	17 p2946 A67-32728 #	17 p2845 A67-32773	17 p2974 A67-32818	17 p2828 A67-32863 #
17 p2816 A67-32684 #	17 p2946 A67-32729 #	17 p2947 A67-32774	17 p2948 A67-32819 #	17 p2920 A67-32864 #
17 p2826 A67-32685 #	17 p2946 A67-32730 #	17 p2961 A67-32775	17 p2938 A67-32820 #	17 p2821 A67-32865*
17 p2878 A67-32686	17 p2946 A67-32731 #	17 p2961 A67-32776	17 p2865 A67-32821	17 p2821 A67-32866
17 p2960 A67-32687 #	17 p2830 A67-32732	17 p2961 A67-32777	17 p2827 A67-32822	17 p2884 A67-32867
17 p2961 A67-32688 #	17 p2888 A67-32733*#	17 p2961 A67-32778	17 p2962 A67-32823	17 p2791 A67-32868 #
17 p2838 A67-32689 #	17 p2878 A67-32734 #	17 p2956 A67-32779	17 p2962 A67-32824	17 p2830 A67-32869 #
17 p2945 A67-32690 #	17 p2878 A67-32735 #	17 p2826 A67-32780 #	17 p2821 A67-32825	17 p2971 A67-32870 #
17 p2868 A67-32691	17 p2878 A67-32736 #	17 p2827 A67-32781 #	17 p2888 A67-32826	17 p2962 A67-32871 #
17 p2860 A67-32692	17 p2878 A67-32737 #	17 p2816 A67-32782 #	17 p2830 A67-32827 #	17 p2879 A67-32872 #
17 p2915 A67-32693	17 p2872 A67-32738	17 p2820 A67-32783 #	17 p2970 A67-32828	17 p2962 A67-32873 #
17 p2946 A67-32694	17 p2872 A67-32739	17 p2827 A67-32784 #	17 p2828 A67-32829 #	17 p2962 A67-32874 #
17 p2946 A67-32695 #	17 p2872 A67-32740	17 p2827 A67-32785 #	17 p2821 A67-32830 #	17 p2962 A67-32875 #
17 p2834 A67-32696 #	17 p2872 A67-32741	17 p2827 A67-32786 #	17 p2860 A67-32831 #	17 p2885 A67-32876 #
17 p2926 A67-32697 #	17 p2872 A67-32742	17 p2816 A67-32787 #	17 p2962 A67-32832 #	17 p2879 A67-32877 #
17 p2884 A67-32698 #	17 p2873 A67-32743	17 p2830 A67-32788 #	17 p2798 A67-32833	17 p2885 A67-32878 #
17 p2961 A67-32699 #	17 p2826 A67-32744	17 p2816 A67-32789	17 p2916 A67-32834*#	17 p2879 A67-32879 #
17 p2798 A67-32700 #	17 p2868 A67-32745	17 p2816 A67-32790	17 p2916 A67-32835*#	17 p2879 A67-32880 #
17 p2838 A67-32701	17 p2956 A67-32746	17 p2827 A67-32791	17 p2828 A67-32836 #	17 p2962 A67-32881 #
17 p2791 A67-32702	17 p2816 A67-32747	17 p2827 A67-32792	17 p2916 A67-32837 #	17 p2885 A67-32882 #
17 p2884 A67-32703	17 p2820 A67-32748	17 p2845 A67-32793 #	17 p2916 A67-32838 #	17 p2885 A67-32883 #
17 p2884 A67-32704	17 p2834 A67-32749	17 p2845 A67-32794 #	17 p2916 A67-32839 #	17 p2879 A67-32884 #
17 p2868 A67-32705	17 p2816 A67-32750	17 p2938 A67-32795 #	17 p2804 A67-32840*#	17 p2817 A67-32885 #
17 p2915 A67-32706	17 p2816 A67-32751	17 p2938 A67-32796 #	17 p2917 A67-32841	17 p2839 A67-32886 #
17 p2915 A67-32707	17 p2937 A67-32752 #	17 p2845 A67-32797 #	17 p2917 A67-32842 #	17 p2920 A67-32887
17 p2844 A67-32708	17 p2946 A67-32753 #	17 p2827 A67-32798	17 p2917 A67-32843 #	17 p2920 A67-32888 #
17 p2903 A67-32709 #	17 p2946 A67-32754 #	17 p2827 A67-32799	17 p2917 A67-32844 #	17 p2920 A67-32889 #
17 p2839 A67-32710 #	17 p2947 A67-32755 #	17 p2827 A67-32800	17 p2917 A67-32845 #	17 p2920 A67-32890 #

ACCESSION NUMBER INDEX

17 p2920 A67-32891 #	17 p2846 A67-32936 #	17 p2835 A67-32981	17 p2793 A67-33026 #	17 p2972 A67-33071 #
17 p2921 A67-32892 #	17 p2846 A67-32937 #	17 p2929 A67-32982	17 p2927 A67-33027 #	17 p2972 A67-33072 #
17 p2921 A67-32893 #	17 p2846 A67-32938 #	17 p2860 A67-32983	17 p2927 A67-33028 #	17 p2972 A67-33073 #
17 p2874 A67-32894	17 p2846 A67-32939 #	17 p2929 A67-32984	17 p2861 A67-33029*#	17 p2973 A67-33074 #
17 p2874 A67-32895 #	17 p2846 A67-32940 #	17 p2874 A67-32985	17 p2971 A67-33030*#	17 p2973 A67-33075 #
17 p2874 A67-32896 #	17 p2847 A67-32941 #	17 p2874 A67-32986	17 p2840 A67-33031*#	17 p2973 A67-33076 #
17 p2874 A67-32897 #	17 p2847 A67-32942 #	17 p2835 A67-32987*	17 p2963 A67-33032*#	17 p2973 A67-33077 #
17 p2874 A67-32898 #	17 p2847 A67-32943 #	17 p2929 A67-32988	17 p2906 A67-33033*#	17 p2973 A67-33078 #
17 p2828 A67-32899	17 p2847 A67-32944 #	17 p2865 A67-32989	17 p2809 A67-33034 #	17 p2821 A67-33079 #
17 p2807 A67-32900	17 p2847 A67-32945 #	17 p2798 A67-32990	17 p2809 A67-33035 #	17 p2821 A67-33080 #
17 p2792 A67-32901	17 p2847 A67-32946 #	17 p2798 A67-32991	17 p2963 A67-33036 #	17 p2973 A67-33081 #
17 p2792 A67-32902 #	17 p2847 A67-32947 #	17 p2929 A67-32992	17 p2906 A67-33037 #	17 p2973 A67-33082 #
17 p2792 A67-32903 #	17 p2847 A67-32948 #	17 p2929 A67-32993	17 p2906 A67-33038 #	17 p2828 A67-33083*
17 p2792 A67-32904 #	17 p2847 A67-32949 #	17 p2798 A67-32994	17 p2948 A67-33039 #	17 p2828 A67-33084
17 p2834 A67-32905 #	17 p2848 A67-32950 #	17 p2974 A67-32995	17 p2793 A67-33040 #	17 p2828 A67-33085
17 p2839 A67-32906 #	17 p2848 A67-32951	17 p2975 A67-32996	17 p2793 A67-33041 #	17 p2828 A67-33086
17 p2839 A67-32907 #	17 p2848 A67-32952 #	17 p2930 A67-32997	17 p2963 A67-33042 #	17 p2922 A67-33087
17 p2792 A67-32908 #	17 p2848 A67-32953 #	17 p2861 A67-32998	17 p2971 A67-33043 #	17 p2906 A67-33088 #
17 p2903 A67-32909	17 p2848 A67-32954 #	17 p2835 A67-32999	17 p2793 A67-33044 #	17 p2906 A67-33089 #
17 p2903 A67-32910 #	17 p2848 A67-32955 #	17 p2930 A67-33000	17 p2865 A67-33045	17 p2907 A67-33090 #
17 p2904 A67-32911 #	17 p2849 A67-32956 #	17 p2927 A67-33001	17 p2875 A67-33046	17 p2907 A67-33091 #
17 p2904 A67-32912 #	17 p2849 A67-32957 #	17 p2927 A67-33002	17 p2865 A67-33047	17 p2963 A67-33092
17 p2904 A67-32913 #	17 p2849 A67-32958 #	17 p2798 A67-33003	17 p2875 A67-33048	17 p2927 A67-33093
17 p2904 A67-32914 #	17 p2849 A67-32959 #	17 p2792 A67-33004 #	17 p2875 A67-33049	17 p2948 A67-33094 #
17 p2904 A67-32915 #	17 p2849 A67-32960 #	17 p2793 A67-33005 #	17 p2921 A67-33050*	17 p2948 A67-33095 #
17 p2904 A67-32916 #	17 p2849 A67-32961 #	17 p2793 A67-33006 #	17 p2921 A67-33051	17 p2948 A67-33096 #
17 p2904 A67-32917 #	17 p2938 A67-32962 #	17 p2839 A67-33007 #	17 p2921 A67-33052	17 p2882 A67-33097 #
17 p2904 A67-32918 #	17 p2849 A67-32963 #	17 p2839 A67-33008 #	17 p2921 A67-33053	17 p2830 A67-33098 #
17 p2904 A67-32919 #	17 p2849 A67-32964 #	17 p2839 A67-33009 #	17 p2906 A67-33054*	17 p2830 A67-33099 #
17 p2905 A67-32920 #	17 p2849 A67-32965 #	17 p2906 A67-33010 #	17 p2869 A67-33055	17 p2822 A67-33100 #
17 p2905 A67-32921 #	17 p2948 A67-32966	17 p2906 A67-33011*#	17 p2906 A67-33056*	17 p2907 A67-33101 #
17 p2905 A67-32922 #	17 p2885 A67-32967 #	17 p2830 A67-33012 #	17 p2922 A67-33057	17 p2907 A67-33102 #
17 p2905 A67-32923 #	17 p2962 A67-32968 #	17 p2956 A67-33013*#	17 p2922 A67-33058	17 p2907 A67-33103 #
17 p2905 A67-32924 #	17 p2948 A67-32969 #	17 p2962 A67-33014 #	17 p2888 A67-33059*	17 p2907 A67-33104 #
17 p2905 A67-32925 #	17 p2921 A67-32970 #	17 p2963 A67-33015*#	17 p2922 A67-33060	17 p2907 A67-33105 #
17 p2888 A67-32926*	17 p2921 A67-32971 #	17 p2963 A67-33016 #	17 p2906 A67-33061	17 p2907 A67-33106
17 p2905 A67-32927	17 p2905 A67-32972 #	17 p2963 A67-33017 #	17 p2869 A67-33062	17 p2908 A67-33107
17 p2885 A67-32928	17 p2874 A67-32973 #	17 p2882 A67-33018*#	17 p2869 A67-33063	17 p2908 A67-33108
17 p2879 A67-32929*	17 p2850 A67-32974 #	17 p2963 A67-33019 #	17 p2922 A67-33064	17 p2908 A67-33109
17 p2817 A67-32930	17 p2850 A67-32975 #	17 p2963 A67-33020 #	17 p2922 A67-33065	17 p2908 A67-33110
17 p2817 A67-32931	17 p2948 A67-32976 #	17 p2971 A67-33021 #	17 p2922 A67-33066	17 p2908 A67-33111
17 p2830 A67-32932	17 p2809 A67-32977 #	17 p2948 A67-33022 #	17 p2971 A67-33067	17 p2908 A67-33112
17 p2821 A67-32933	17 p2929 A67-32978	17 p2861 A67-33023 #	17 p2972 A67-33068 #	17 p2908 A67-33113
17 p2845 A67-32934	17 p2929 A67-32979	17 p2793 A67-33024 #	17 p2972 A67-33069 #	17 p2908 A67-33114
17 p2846 A67-32935 #	17 p2835 A67-32980	17 p2793 A67-33025*#	17 p2972 A67-33070 #	17 p2908 A67-33115

ACCESSION NUMBER INDEX

17 p2909 A67-33116	17 p2861 A67-33161 #	17 p2851 A67-33206	17 p2952 A67-33251	17 p2862 A67-33296
17 p2909 A67-33117	17 p2886 A67-33162	17 p2938 A67-33207	17 p2853 A67-33252*	17 p2869 A67-33297
17 p2948 A67-33118	17 p2950 A67-33163	17 p2951 A67-33208	17 p2853 A67-33253	17 p2870 A67-33298
17 p2949 A67-33119 #	17 p2950 A67-33164	17 p2938 A67-33209*	17 p2853 A67-33254	17 p2862 A67-33299
17 p2949 A67-33120 #	17 p2840 A67-33165 #	17 p2939 A67-33210	17 p2809 A67-33255*	17 p2863 A67-33300*
17 p2949 A67-33121 #	17 p2950 A67-33166	17 p2851 A67-33211	17 p2810 A67-33256*	17 p2863 A67-33301
17 p2949 A67-33122 #	17 p2875 A67-33167	17 p2852 A67-33212	17 p2889 A67-33257*	17 p2870 A67-33302
17 p2949 A67-33123 #	17 p2875 A67-33168	17 p2840 A67-33213	17 p2890 A67-33258	17 p2863 A67-33303
17 p2949 A67-33124 #	17 p2866 A67-33169	17 p2951 A67-33214	17 p2922 A67-33259*	17 p2817 A67-33304
17 p2950 A67-33125 #	17 p2835 A67-33170	17 p2951 A67-33215	17 p2810 A67-33260	17 p2863 A67-33305*
17 p2950 A67-33126 #	17 p2861 A67-33171	17 p2886 A67-33216	17 p2886 A67-33261*	17 p2923 A67-33306
17 p2950 A67-33127 #	17 p2875 A67-33172	17 p2965 A67-33217	17 p2890 A67-33262	17 p2923 A67-33307
17 p2950 A67-33128 #	17 p2875 A67-33173	17 p2922 A67-33218	17 p2890 A67-33263*	17 p2923 A67-33308
17 p2950 A67-33129 #	17 p2875 A67-33174	17 p2817 A67-33219	17 p2810 A67-33264	17 p2923 A67-33309
17 p2950 A67-33130 #	17 p2875 A67-33175	17 p2869 A67-33220	17 p2840 A67-33265 #	17 p2870 A67-33310
17 p2861 A67-33131	17 p2808 A67-33176*	17 p2922 A67-33221	17 p2841 A67-33266 #	17 p2923 A67-33311
17 p2835 A67-33132	17 p2808 A67-33177*	17 p2861 A67-33222	17 p2841 A67-33267 #	17 p2923 A67-33312
17 p2822 A67-33133	17 p2808 A67-33178*	17 p2889 A67-33223	17 p2841 A67-33268 #	17 p2923 A67-33313
17 p2964 A67-33134 #	17 p2808 A67-33179	17 p2889 A67-33224	17 p2965 A67-33269 #	17 p2923 A67-33314
17 p2964 A67-33135 #	17 p2808 A67-33180	17 p2889 A67-33225	17 p2965 A67-33270 #	17 p2923 A67-33315
17 p2964 A67-33136 #	17 p2830 A67-33181	17 p2889 A67-33226	17 p2966 A67-33271 #	17 p2870 A67-33316
17 p2840 A67-33137 #	17 p2861 A67-33182	17 p2889 A67-33227	17 p2966 A67-33272 #	17 p2870 A67-33317
17 p2840 A67-33138*#	17 p2808 A67-33183	17 p2909 A67-33228*	17 p2831 A67-33273 #	17 p2887 A67-33318*
17 p2817 A67-33139 #	17 p2850 A67-33184	17 p2909 A67-33229	17 p2831 A67-33274 #	17 p2952 A67-33319*
17 p2885 A67-33140 #	17 p2938 A67-33185	17 p2909 A67-33230	17 p2886 A67-33275 #	17 p2952 A67-33320*
17 p2964 A67-33141 #	17 p2951 A67-33186*	17 p2886 A67-33231*	17 p2886 A67-33276 #	17 p2910 A67-33321
17 p2974 A67-33142	17 p2951 A67-33187	17 p2951 A67-33232	17 p2886 A67-33277 #	17 p2890 A67-33322
17 p2974 A67-33143	17 p2938 A67-33188	17 p2817 A67-33233*	17 p2886 A67-33278 #	17 p2910 A67-33323
17 p2974 A67-33144	17 p2850 A67-33189	17 p2951 A67-33234	17 p2831 A67-33279 #	17 p2927 A67-33324
17 p2886 A67-33145 #	17 p2850 A67-33190	17 p2852 A67-33235*	17 p2886 A67-33280 #	17 p2910 A67-33325
17 p2964 A67-33146 #	17 p2850 A67-33191	17 p2852 A67-33236	17 p2866 A67-33281 #	17 p2974 A67-33326
17 p2840 A67-33147*#	17 p2850 A67-33192*	17 p2939 A67-33237*	17 p2887 A67-33282 #	17 p2804 A67-33327
17 p2964 A67-33148	17 p2850 A67-33193	17 p2852 A67-33238	17 p2966 A67-33283 #	17 p2804 A67-33328
17 p2840 A67-33149*#	17 p2851 A67-33194	17 p2852 A67-33239*	17 p2966 A67-33284 #	17 p2870 A67-33329
17 p2964 A67-33150 #	17 p2851 A67-33195	17 p2809 A67-33240	17 p2966 A67-33285 #	17 p2923 A67-33330
17 p2964 A67-33151 #	17 p2951 A67-33196*	17 p2852 A67-33241	17 p2841 A67-33286 #	17 p2923 A67-33331
17 p2830 A67-33152 #	17 p2851 A67-33197	17 p2939 A67-33242	17 p2861 A67-33287	17 p2923 A67-33332
17 p2964 A67-33153 #	17 p2938 A67-33198	17 p2889 A67-33243	17 p2862 A67-33288	17 p2923 A67-33333
17 p2965 A67-33154 #	17 p2866 A67-33199 #	17 p2852 A67-33244	17 p2862 A67-33289	17 p2870 A67-33334
17 p2965 A67-33155 #	17 p2866 A67-33200 #	17 p2853 A67-33245	17 p2862 A67-33290	17 p2870 A67-33335
17 p2965 A67-33156 #	17 p2889 A67-33201	17 p2939 A67-33246	17 p2862 A67-33291	17 p2923 A67-33336
17 p2840 A67-33157 #	17 p2851 A67-33202	17 p2952 A67-33247	17 p2862 A67-33292	17 p2923 A67-33337
17 p2965 A67-33158 #	17 p2809 A67-33203	17 p2909 A67-33248	17 p2817 A67-33293*	17 p2924 A67-33338
17 p2886 A67-33159 #	17 p2851 A67-33204	17 p2853 A67-33249	17 p2869 A67-33294	17 p2924 A67-33339
17 p2965 A67-33160 #	17 p2909 A67-33205	17 p2952 A67-33250*	17 p2862 A67-33295	17 p2924 A67-33340

ACCESSION NUMBER INDEX

17 p2924 A67-33341	17 p2841 A67-33386 #	18 p3053 A67-33431 #	18 p3097 A67-33476 #	18 p3098 A67-33521 #
17 p2924 A67-33342	17 p2966 A67-33387 #	18 p3140 A67-33432 #	18 p3009 A67-33477 #	18 p3098 A67-33522 #
17 p2924 A67-33343	17 p2864 A67-33388 #	18 p3008 A67-33433 #	18 p3009 A67-33478 #	18 p3098 A67-33523 #
17 p2924 A67-33344	17 p2835 A67-33389 #	18 p3093 A67-33434	18 p3009 A67-33479 #	18 p3116 A67-33524 #
17 p2924 A67-33345	17 p2871 A67-33390 #	18 p3094 A67-33435 #	18 p3097 A67-33480 #	18 p3084 A67-33525 #
17 p2870 A67-33346	17 p2939 A67-33391	18 p3094 A67-33436 #	18 p3062 A67-33481	18 p3058 A67-33526 #
17 p2966 A67-33347	17 p2952 A67-33392	18 p3094 A67-33437 #	18 p3097 A67-33482 #	18 p3117 A67-33527 #
17 p2966 A67-33348	17 p2952 A67-33393	18 p3094 A67-33438 #	18 p3097 A67-33483 #	18 p3058 A67-33528 #
17 p2966 A67-33349	17 p2952 A67-33394	18 p3094 A67-33439 #	18 p3063 A67-33484 #	18 p2999 A67-33529 #
17 p2910 A67-33350*	17 p2952 A67-33395	18 p3095 A67-33440 #	18 p3063 A67-33485 #	18 p2999 A67-33530 #
17 p2910 A67-33351	17 p2939 A67-33396	18 p3095 A67-33441 #	18 p3063 A67-33486 #	18 p2999 A67-33531 #
17 p2910 A67-33352	17 p2939 A67-33397	18 p3095 A67-33442 #	18 p3063 A67-33487 #	18 p2999 A67-33532 #
17 p2863 A67-33353*	17 p2939 A67-33398	18 p3095 A67-33443 #	18 p3068 A67-33488 #	18 p2999 A67-33533 #
17 p2863 A67-33354*	17 p2953 A67-33399	18 p3095 A67-33444 #	18 p3068 A67-33489 #	18 p3023 A67-33534
17 p2863 A67-33355	17 p2953 A67-33400*	18 p3095 A67-33445 #	18 p3068 A67-33490 #	18 p2981 A67-33535 #
17 p2910 A67-33356	17 p2940 A67-33401*	18 p3095 A67-33446 #	18 p3069 A67-33491 #	18 p2981 A67-33536 #
17 p2863 A67-33357	17 p2864 A67-33402	18 p3095 A67-33447 #	18 p3097 A67-33492 #	18 p3024 A67-33537 #
17 p2863 A67-33358	17 p2953 A67-33403	18 p3095 A67-33448 #	18 p3043 A67-33493	18 p3024 A67-33538 #
17 p2864 A67-33359	17 p2953 A67-33404	18 p3096 A67-33449 #	18 p3161 A67-33494	18 p3024 A67-33539 #
17 p2866 A67-33360*	17 p2926 A67-33405	18 p3096 A67-33450 #	18 p3075 A67-33495	18 p3024 A67-33540 #
17 p2835 A67-33361	17 p2926 A67-33406	18 p3096 A67-33451 #	18 p3016 A67-33496*	18 p3024 A67-33541 #
17 p2952 A67-33362*	17 p2875 A67-33407	18 p3096 A67-33452 #	18 p3070 A67-33497	18 p3024 A67-33542 #
17 p2864 A67-33363	17 p2864 A67-33408	18 p3096 A67-33453	18 p3005 A67-33498*	18 p3024 A67-33543 #
17 p2817 A67-33364*	18 p3021 A67-33409	18 p3096 A67-33454	18 p3005 A67-33499 #	18 p3110 A67-33544 #
17 p2870 A67-33365	18 p2981 A67-33410 #	18 p3096 A67-33455	18 p3077 A67-33500 #	18 p3136 A67-33545
17 p2910 A67-33366	18 p3022 A67-33411 #	18 p3097 A67-33456	18 p3010 A67-33501 #	18 p3043 A67-33546
17 p2890 A67-33367*	18 p2981 A67-33412 #	18 p2993 A67-33457	18 p2998 A67-33502 #	18 p3019 A67-33547*
17 p2870 A67-33368	18 p3022 A67-33413 #	18 p3019 A67-33458	18 p3005 A67-33503 #	18 p3070 A67-33548 #
17 p2924 A67-33369	18 p3022 A67-33414 #	18 p3106 A67-33459	18 p3010 A67-33504 #	18 p3077 A67-33549
17 p2924 A67-33370	18 p3022 A67-33415 #	18 p2985 A67-33460	18 p2999 A67-33505 #	18 p3136 A67-33550
17 p2924 A67-33371	18 p3074 A67-33416 #	18 p3019 A67-33461	18 p2999 A67-33506 #	18 p3010 A67-33551
17 p2924 A67-33372	18 p3023 A67-33417 #	18 p3043 A67-33462 #	18 p2999 A67-33507 #	18 p3030 A67-33552
17 p2925 A67-33373	18 p3023 A67-33418 #	18 p3043 A67-33463 #	18 p3010 A67-33508 #	18 p3077 A67-33553
17 p2925 A67-33374	18 p3023 A67-33419 #	18 p3140 A67-33464 #	18 p3010 A67-33509 #	18 p3070 A67-33554 #
17 p2925 A67-33375	18 p2981 A67-33420 #	18 p3140 A67-33465 #	18 p2999 A67-33510 #	18 p3078 A67-33555 #
17 p2925 A67-33376	18 p3084 A67-33421 #	18 p3140 A67-33466 #	18 p2990 A67-33511	18 p3078 A67-33556 #
17 p2925 A67-33377	18 p3084 A67-33422 #	18 p3008 A67-33467	18 p3117 A67-33512*	18 p3136 A67-33557 #
17 p2925 A67-33378	18 p3084 A67-33423 #	18 p3008 A67-33468 #	18 p3117 A67-33513	18 p3073 A67-33558 #
17 p2925 A67-33379*	18 p2981 A67-33424 #	18 p3009 A67-33469 #	18 p3116 A67-33514	18 p3073 A67-33559 #
17 p2926 A67-33380	18 p3023 A67-33425 #	18 p3009 A67-33470 #	18 p3117 A67-33515	18 p3073 A67-33560 #
17 p2926 A67-33381	18 p3023 A67-33426 #	18 p3009 A67-33471 #	18 p2990 A67-33516	18 p3073 A67-33561 #
17 p2926 A67-33382*	18 p3117 A67-33427*	18 p3009 A67-33472 #	18 p3097 A67-33517 #	18 p3073 A67-33562 #
17 p2828 A67-33383 #	18 p3139 A67-33428	18 p3097 A67-33473 #	18 p3098 A67-33518 #	18 p3073 A67-33563 #
17 p2810 A67-33384 #	18 p3077 A67-33429	18 p3009 A67-33474 #	18 p3098 A67-33519 #	18 p3074 A67-33564 #
17 p2910 A67-33385 #	18 p3117 A67-33430*	18 p3009 A67-33475 #	18 p3098 A67-33520*#	18 p3078 A67-33565

ACCESSION NUMBER INDEX

18 p3078 A67-33566	18 p3037 A67-33611	18 p3140 A67-33656 #	18 p3085 A67-33701	18 p3046 A67-33746 #
18 p3111 A67-33567	18 p3037 A67-33612	18 p2999 A67-33657	18 p3085 A67-33702 #	18 p3046 A67-33747 #
18 p2985 A67-33568	18 p3038 A67-33613	18 p3058 A67-33658 #	18 p2987 A67-33703 #	18 p3046 A67-33748* #
18 p2985 A67-33569	18 p3038 A67-33614	18 p3044 A67-33659 #	18 p2987 A67-33704 #	18 p3118 A67-33749
18 p3145 A67-33570 #	18 p3117 A67-33615*	18 p2991 A67-33660*	18 p2987 A67-33705 #	18 p3100 A67-33750
18 p3025 A67-33571 #	18 p3038 A67-33616*	18 p3140 A67-33661	18 p3085 A67-33706 #	18 p3071 A67-33751
18 p3016 A67-33572 #	18 p3038 A67-33617	18 p3005 A67-33662	18 p3086 A67-33707 #	18 p3071 A67-33752
18 p3098 A67-33573 #	18 p3038 A67-33618	18 p2982 A67-33663 #	18 p2988 A67-33708 #	18 p3071 A67-33753
18 p3098 A67-33574 #	18 p3038 A67-33619	18 p3071 A67-33664 #	18 p3099 A67-33709 #	18 p2988 A67-33754
18 p3044 A67-33575	18 p3039 A67-33620	18 p3010 A67-33665	18 p3086 A67-33710 #	18 p2982 A67-33755
18 p3098 A67-33576 #	18 p3039 A67-33621	18 p3140 A67-33666	18 p3099 A67-33711 #	18 p2982 A67-33756
18 p3010 A67-33577 #	18 p3039 A67-33622	18 p3084 A67-33667 #	18 p3100 A67-33712	18 p3026 A67-33757
18 p3031 A67-33578	18 p3039 A67-33623*	18 p3085 A67-33668 #	18 p3044 A67-33713	18 p3026 A67-33758
18 p3032 A67-33579	18 p3039 A67-33624	18 p3078 A67-33669 #	18 p3059 A67-33714	18 p3100 A67-33759
18 p3032 A67-33580*	18 p3039 A67-33625	18 p3085 A67-33670 #	18 p3025 A67-33715	18 p3059 A67-33760
18 p3032 A67-33581	18 p3025 A67-33626 #	18 p3059 A67-33671 #	18 p3011 A67-33716	18 p3079 A67-33761
18 p3032 A67-33582	18 p3117 A67-33627 #	18 p3059 A67-33672 #	18 p3006 A67-33717	18 p3100 A67-33762
18 p3032 A67-33583*	18 p2987 A67-33628 #	18 p3063 A67-33673	18 p3100 A67-33718 #	18 p3079 A67-33763
18 p3033 A67-33584	18 p3098 A67-33629 #	18 p3140 A67-33674	18 p3141 A67-33719 #	18 p3086 A67-33764
18 p3033 A67-33585	18 p3053 A67-33630 #	18 p3111 A67-33675	18 p3086 A67-33720	18 p3100 A67-33765
18 p3033 A67-33586	18 p3040 A67-33631 #	18 p3074 A67-33676	18 p3086 A67-33721	18 p3100 A67-33766
18 p3033 A67-33587	18 p2990 A67-33632*	18 p3000 A67-33677	18 p3080 A67-33722	18 p3046 A67-33767
18 p3033 A67-33588	18 p2991 A67-33633*	18 p3078 A67-33678	18 p2982 A67-33723	18 p3141 A67-33768
18 p3033 A67-33589	18 p3161 A67-33634	18 p3071 A67-33679 #	18 p3059 A67-33724	18 p3141 A67-33769
18 p3034 A67-33590	18 p3019 A67-33635	18 p3025 A67-33680 #	18 p3059 A67-33725	18 p3141 A67-33770
18 p3034 A67-33591*	18 p3162 A67-33636	18 p3025 A67-33681	18 p3059 A67-33726	18 p3053 A67-33771
18 p3034 A67-33592	18 p3053 A67-33637	18 p3025 A67-33682	18 p3086 A67-33727	18 p3026 A67-33772
18 p3034 A67-33593	18 p3111 A67-33638	18 p3025 A67-33683	18 p3044 A67-33728	18 p3100 A67-33773
18 p3034 A67-33594*	18 p3136 A67-33639	18 p2982 A67-33684	18 p3059 A67-33729	18 p3046 A67-33774
18 p3034 A67-33595*	18 p3162 A67-33640	18 p3025 A67-33685	18 p3059 A67-33730	18 p3100 A67-33775
18 p3035 A67-33596*	18 p2985 A67-33641	18 p3117 A67-33686	18 p3059 A67-33731	18 p2988 A67-33776
18 p3035 A67-33597*	18 p2985 A67-33642	18 p3118 A67-33687	18 p3086 A67-33732	18 p3046 A67-33777
18 p3035 A67-33598*	18 p2993 A67-33643	18 p3078 A67-33688	18 p3044 A67-33733	18 p3146 A67-33778*
18 p3035 A67-33599	18 p3070 A67-33644 #	18 p3078 A67-33689	18 p3044 A67-33734 #	18 p3019 A67-33779
18 p3035 A67-33600	18 p3010 A67-33645 #	18 p3078 A67-33690	18 p3044 A67-33735 #	18 p2996 A67-33780
18 p3035 A67-33601	18 p3010 A67-33646 #	18 p3146 A67-33691	18 p3044 A67-33736 #	18 p3081 A67-33781
18 p3036 A67-33602	18 p3084 A67-33647 #	18 p3099 A67-33692	18 p3045 A67-33737 #	18 p3081 A67-33782
18 p3036 A67-33603	18 p3058 A67-33648 #	18 p3040 A67-33693	18 p3045 A67-33738	18 p3081 A67-33783
18 p3036 A67-33604	18 p3084 A67-33649 #	18 p3099 A67-33694 #	18 p3045 A67-33739	18 p3081 A67-33784
18 p3036 A67-33605	18 p3025 A67-33650 #	18 p3099 A67-33695 #	18 p3045 A67-33740	18 p3081 A67-33785
18 p3036 A67-33606	18 p3140 A67-33651 #	18 p3099 A67-33696 #	18 p3045 A67-33741	18 p2996 A67-33786
18 p3036 A67-33607	18 p3019 A67-33652	18 p3099 A67-33697 #	18 p3053 A67-33742	18 p3149 A67-33787
18 p3037 A67-33608*	18 p3111 A67-33653	18 p3099 A67-33698 #	18 p3053 A67-33743 #	18 p2996 A67-33788
18 p3037 A67-33609	18 p3075 A67-33654	18 p3099 A67-33699 #	18 p3046 A67-33744	18 p2996 A67-33789
18 p3037 A67-33610	18 p2982 A67-33655 #	18 p3116 A67-33700	18 p3046 A67-33745	18 p2997 A67-33790*

ACCESSION NUMBER INDEX

18 p2997 A67-33791	18 p3155 A67-33836	18 p3047 A67-33881	18 p2983 A67-33926 #	18 p2989 A67-33971*#
18 p3081 A67-33792	18 p3109 A67-33837	18 p3047 A67-33882	18 p2983 A67-33927*#	18 p3076 A67-33972 #
18 p3082 A67-33793	18 p3155 A67-33838	18 p3047 A67-33883*	18 p3110 A67-33928 #	18 p3113 A67-33973 #
18 p2997 A67-33794	18 p3109 A67-33839*	18 p3047 A67-33884	18 p3019 A67-33929*#	18 p3077 A67-33974*#
18 p2997 A67-33795	18 p3109 A67-33840	18 p3059 A67-33885*	18 p2988 A67-33930*#	18 p3114 A67-33975*#
18 p3149 A67-33796	18 p3109 A67-33841	18 p3141 A67-33886*#	18 p3069 A67-33931*#	18 p3114 A67-33976 #
18 p3149 A67-33797	18 p3155 A67-33842	18 p3141 A67-33887 #	18 p2988 A67-33932*#	18 p3114 A67-33977*#
18 p3149 A67-33798	18 p3109 A67-33843	18 p3141 A67-33888 #	18 p3113 A67-33933 #	18 p3114 A67-33978
18 p3149 A67-33799	18 p3110 A67-33844	18 p3141 A67-33889 #	18 p3026 A67-33934 #	18 p3114 A67-33979*#
18 p3150 A67-33800*	18 p3155 A67-33845	18 p3142 A67-33890 #	18 p2983 A67-33935 #	18 p3158 A67-33980*#
18 p3150 A67-33801	18 p3155 A67-33846*	18 p3142 A67-33891 #	18 p3020 A67-33936 #	18 p3114 A67-33981*#
18 p3150 A67-33802	18 p3155 A67-33847	18 p3142 A67-33892 #	18 p3137 A67-33937*#	18 p3115 A67-33982*#
18 p3150 A67-33803	18 p3156 A67-33848	18 p3047 A67-33893 #	18 p3110 A67-33938 #	18 p3115 A67-33983*#
18 p3107 A67-33804	18 p3156 A67-33849	18 p3142 A67-33894 #	18 p3162 A67-33939 #	18 p3115 A67-33984 #
18 p3107 A67-33805	18 p3156 A67-33850	18 p3142 A67-33895 #	18 p3157 A67-33940*#	18 p3115 A67-33985 #
18 p3107 A67-33806	18 p3156 A67-33851	18 p3142 A67-33896 #	18 p3157 A67-33941 #	18 p3086 A67-33986
18 p3151 A67-33807	18 p3156 A67-33852	18 p3142 A67-33897	18 p3157 A67-33942 #	18 p3101 A67-33987
18 p3151 A67-33808	18 p3040 A67-33853	18 p3157 A67-33898 #	18 p3026 A67-33943 #	18 p3101 A67-33988*
18 p3151 A67-33809	18 p3118 A67-33854	18 p3142 A67-33899 #	18 p3113 A67-33944 #	18 p3101 A67-33989*
18 p3107 A67-33810	18 p3116 A67-33855	18 p3143 A67-33900 #	18 p3157 A67-33945 #	18 p3101 A67-33990
18 p3107 A67-33811	18 p3119 A67-33856	18 p3143 A67-33901	18 p3075 A67-33946*#	18 p3017 A67-33991 #
18 p3108 A67-33812	18 p3119 A67-33857	18 p2982 A67-33902 #	18 p3076 A67-33947*#	18 p3047 A67-33992 #
18 p3108 A67-33813	18 p3119 A67-33858	18 p3111 A67-33903 #	18 p3157 A67-33948 #	18 p3047 A67-33993 #
18 p3108 A67-33814*	18 p3119 A67-33859	18 p3111 A67-33904 #	18 p3158 A67-33949 #	18 p3047 A67-33994 #
18 p3151 A67-33815	18 p3119 A67-33860	18 p2982 A67-33905 #	18 p3158 A67-33950	18 p3074 A67-33995
18 p3151 A67-33816	18 p3119 A67-33861	18 p2988 A67-33906 #	18 p3158 A67-33951*#	18 p3074 A67-33996
18 p3152 A67-33817	18 p3119 A67-33862	18 p2988 A67-33907*#	18 p3076 A67-33952 #	18 p3120 A67-33997*
18 p3152 A67-33818	18 p3119 A67-33863	18 p3111 A67-33908*#	18 p3076 A67-33953*#	18 p3047 A67-33998
18 p3152 A67-33819	18 p3120 A67-33864	18 p3075 A67-33909*#	18 p3143 A67-33954 #	18 p2983 A67-33999 #
18 p3152 A67-33820*	18 p3120 A67-33865	18 p3112 A67-33910*#	18 p3143 A67-33955 #	18 p3063 A67-34000
18 p3152 A67-33821	18 p3120 A67-33866	18 p3112 A67-33911 #	18 p3143 A67-33956*#	18 p3040 A67-34001 #
18 p3153 A67-33822	18 p3016 A67-33867	18 p3112 A67-33912 #	18 p2985 A67-33957*#	18 p3079 A67-34002
18 p3153 A67-33823	18 p3016 A67-33868	18 p3053 A67-33913 #	18 p2983 A67-33958 #	18 p3159 A67-34003
18 p3153 A67-33824	18 p3017 A67-33869	18 p3112 A67-33914 #	18 p3026 A67-33959 #	18 p3079 A67-34004
18 p3086 A67-33825	18 p3017 A67-33870	18 p3112 A67-33915 #	18 p3158 A67-33960 #	18 p3159 A67-34005
18 p3153 A67-33826	18 p3017 A67-33871	18 p2985 A67-33916 #	18 p3113 A67-33961 #	18 p3143 A67-34006
18 p3153 A67-33827	18 p3017 A67-33872	18 p2985 A67-33917 #	18 p3076 A67-33962 #	18 p3159 A67-34007
18 p3153 A67-33828	18 p3017 A67-33873	18 p3112 A67-33918*#	18 p3076 A67-33963*#	18 p3026 A67-34008
18 p3154 A67-33829	18 p3017 A67-33874	18 p3019 A67-33919 #	18 p3076 A67-33964*#	18 p3027 A67-34009*
18 p3108 A67-33830	18 p3017 A67-33875	18 p3137 A67-33920 #	18 p3158 A67-33965*#	18 p3101 A67-34010
18 p3108 A67-33831	18 p3082 A67-33876*	18 p3054 A67-33921 #	18 p3076 A67-33966*#	18 p3059 A67-34011
18 p3154 A67-33832*	18 p3082 A67-33877*	18 p3026 A67-33922 #	18 p3110 A67-33967 #	18 p3048 A67-34012*
18 p3154 A67-33833	18 p3082 A67-33878*	18 p3112 A67-33923 #	18 p3137 A67-33968*#	18 p3060 A67-34013
18 p3154 A67-33834	18 p3046 A67-33879	18 p2982 A67-33924 #	18 p3113 A67-33969*#	18 p3060 A67-34014
18 p3154 A67-33835	18 p3046 A67-33880*	18 p2982 A67-33925*#	18 p3113 A67-33970 #	18 p3060 A67-34015

ACCESSION NUMBER INDEX

18 p3101 A67-34016	18 p3088 A67-34061 #	18 p3075 A67-34106	18 p3123 A67-34151*	18 p3116 A67-34196
18 p3101 A67-34017	18 p3088 A67-34062 #	18 p3011 A67-34107*	18 p3123 A67-34152*	18 p3116 A67-34197*
18 p3101 A67-34018	18 p3006 A67-34063	18 p3075 A67-34108	18 p3124 A67-34153	18 p3001 A67-34198*#
18 p3060 A67-34019	18 p3006 A67-34064	18 p3000 A67-34109	18 p3124 A67-34154	18 p3002 A67-34199 #
18 p3011 A67-34020	18 p3006 A67-34065	18 p3020 A67-34110*	18 p3124 A67-34155*	18 p3061 A67-34200 #
18 p3011 A67-34021	18 p3006 A67-34066*	18 p3001 A67-34111	18 p3124 A67-34156	18 p3027 A67-34201 #
18 p3000 A67-34022	18 p3011 A67-34067	18 p3020 A67-34112	18 p3124 A67-34157	18 p2984 A67-34202 #
18 p3000 A67-34023	18 p3011 A67-34068	18 p3137 A67-34113	18 p3124 A67-34158	18 p2984 A67-34203 #
18 p3060 A67-34024	18 p2989 A67-34069*	18 p3001 A67-34114	18 p3125 A67-34159	18 p3027 A67-34204 #
18 p3000 A67-34025	18 p3159 A67-34070	18 p3006 A67-34115*	18 p3125 A67-34160*	18 p3027 A67-34205 #
18 p3082 A67-34026*	18 p3088 A67-34071	18 p3001 A67-34116	18 p3159 A67-34161	18 p3027 A67-34206 #
18 p3060 A67-34027	18 p3083 A67-34072	18 p3001 A67-34117	18 p3160 A67-34162	18 p3027 A67-34207 #
18 p3082 A67-34028	18 p2993 A67-34073 #	18 p3001 A67-34118	18 p3160 A67-34163	18 p2984 A67-34208 #
18 p3082 A67-34029	18 p2986 A67-34074 #	18 p3159 A67-34119	18 p3160 A67-34164	18 p3028 A67-34209 #
18 p3082 A67-34030	18 p2986 A67-34075 #	18 p3115 A67-34120	18 p3160 A67-34165	18 p3028 A67-34210 #
18 p3082 A67-34031	18 p3088 A67-34076	18 p2989 A67-34121	18 p3160 A67-34166	18 p2984 A67-34211 #
18 p3120 A67-34032*	18 p3101 A67-34077	18 p3020 A67-34122	18 p3071 A67-34167 #	18 p2984 A67-34212 #
18 p3040 A67-34033 #	18 p3064 A67-34078	18 p3088 A67-34123	18 p3143 A67-34168 #	18 p2984 A67-34213 #
18 p3086 A67-34034 #	18 p3064 A67-34079	18 p2997 A67-34124	18 p3071 A67-34169 #	18 p3028 A67-34214 #
18 p3079 A67-34035 #	18 p3064 A67-34080	18 p2989 A67-34125	18 p3069 A67-34170 #	18 p3028 A67-34215 #
18 p3087 A67-34036 #	18 p3064 A67-34081	18 p3159 A67-34126	18 p3144 A67-34171 #	18 p2984 A67-34216 #
18 p3087 A67-34037 #	18 p3064 A67-34082	18 p3143 A67-34127 #	18 p3144 A67-34172 #	18 p2984 A67-34217 #
18 p3060 A67-34038 #	18 p3064 A67-34083	18 p2989 A67-34128 #	18 p3144 A67-34173 #	18 p3028 A67-34218 #
18 p3060 A67-34039 #	18 p3064 A67-34084	18 p2989 A67-34129 #	18 p3144 A67-34174 #	18 p3028 A67-34219 #
18 p3087 A67-34040 #	18 p3000 A67-34085 #	18 p3115 A67-34130 #	18 p3054 A67-34175	18 p3028 A67-34220 #
18 p3060 A67-34041 #	18 p3000 A67-34086 #	18 p2983 A67-34131 #	18 p3001 A67-34176 #	18 p3011 A67-34221 #
18 p3061 A67-34042 #	18 p3000 A67-34087 #	18 p3115 A67-34132 #	18 p3001 A67-34177 #	18 p3002 A67-34222 #
18 p3061 A67-34043 #	18 p3000 A67-34088 #	18 p3079 A67-34133	18 p3011 A67-34178 #	18 p3002 A67-34223 #
18 p3061 A67-34044 #	18 p3027 A67-34089 #	18 p3120 A67-34134	18 p3011 A67-34179 #	18 p3002 A67-34224 #
18 p3087 A67-34045 #	18 p3088 A67-34090 #	18 p3121 A67-34135	18 p3001 A67-34180 #	18 p3048 A67-34225 #
18 p3087 A67-34046 #	18 p3101 A67-34091 #	18 p3121 A67-34136	18 p3001 A67-34181 #	18 p3002 A67-34226 #
18 p3087 A67-34047 #	18 p3040 A67-34092	18 p3121 A67-34137	18 p3071 A67-34182	18 p3002 A67-34227 #
18 p2989 A67-34048 #	18 p3040 A67-34093	18 p3122 A67-34138	18 p3027 A67-34183	18 p3002 A67-34228 #
18 p3087 A67-34049 #	18 p3074 A67-34094	18 p3122 A67-34139	18 p3027 A67-34184	18 p3002 A67-34229 #
18 p3087 A67-34050 #	18 p3041 A67-34095	18 p3122 A67-34140	18 p3017 A67-34185	18 p3002 A67-34230
18 p3159 A67-34051 #	18 p3074 A67-34096	18 p3122 A67-34141	18 p3089 A67-34186	18 p3002 A67-34231
18 p3064 A67-34052 #	18 p2989 A67-34097	18 p3122 A67-34142	18 p3101 A67-34187	18 p3011 A67-34232
18 p3087 A67-34053 #	18 p3054 A67-34098	18 p3122 A67-34143	18 p3102 A67-34188	18 p3041 A67-34233*
18 p3088 A67-34054 #	18 p2986 A67-34099	18 p3123 A67-34144	18 p3048 A67-34189	18 p3125 A67-34234
18 p3159 A67-34055 #	18 p3079 A67-34100	18 p3123 A67-34145	18 p3125 A67-34190	18 p3003 A67-34235 #
18 p3048 A67-34056 #	18 p2989 A67-34101	18 p3123 A67-34146*	18 p3125 A67-34191	18 p3003 A67-34236*#
18 p3088 A67-34057 #	18 p3000 A67-34102*	18 p3123 A67-34147*	18 p3125 A67-34192	18 p3048 A67-34237 #
18 p3088 A67-34058 #	18 p3048 A67-34103	18 p3123 A67-34148*	18 p3041 A67-34193	18 p3048 A67-34238 #
18 p3083 A67-34059 #	18 p3017 A67-34104	18 p3123 A67-34149	18 p3048 A67-34194	18 p3048 A67-34239 #
18 p3083 A67-34060 #	18 p3020 A67-34105	18 p3123 A67-34150*	18 p3125 A67-34195	18 p3048 A67-34240 #

ACCESSION NUMBER INDEX

18 p3003 A67-34241 #	18 p3079 A67-34286	18 p3132 A67-34331	18 p3133 A67-34376	18 p3029 A67-34421
18 p3003 A67-34242 #	18 p3144 A67-34287	18 p3049 A67-34332	18 p3115 A67-34377	18 p3090 A67-34422
18 p3126 A67-34243 #	18 p3072 A67-34288	18 p3049 A67-34333	18 p3090 A67-34378	18 p3061 A67-34423
18 p3126 A67-34244 #	18 p3102 A67-34289 #	18 p3132 A67-34334	18 p3020 A67-34379	18 p3102 A67-34424
18 p3003 A67-34245 #	18 p3160 A67-34290 #	18 p3133 A67-34335	18 p3004 A67-34380 #	18 p3102 A67-34425
18 p3126 A67-34246 #	18 p3065 A67-34291 #	18 p2993 A67-34336	18 p3161 A67-34381	18 p3004 A67-34426 #
18 p3126 A67-34247 #	18 p3065 A67-34292 #	18 p2993 A67-34337	18 p3090 A67-34382	18 p3042 A67-34427 #
18 p3127 A67-34248 #	18 p3065 A67-34293 #	18 p2993 A67-34338 #	18 p3006 A67-34383	18 p3090 A67-34428 #
18 p3041 A67-34249 #	18 p3065 A67-34294 #	18 p2994 A67-34339	18 p3072 A67-34384 #	18 p3012 A67-34429 #
18 p3041 A67-34250*#	18 p3089 A67-34295 #	18 p2994 A67-34340	18 p3028 A67-34385 #	18 p3012 A67-34430 #
18 p3041 A67-34251 #	18 p3089 A67-34296 #	18 p2994 A67-34341*	18 p3029 A67-34386 #	18 p3004 A67-34431 #
18 p3127 A67-34252 #	18 p3089 A67-34297 #	18 p2994 A67-34342	18 p3049 A67-34387 #	18 p3133 A67-34432
18 p3041 A67-34253*#	18 p3089 A67-34298 #	18 p2994 A67-34343*#	18 p3061 A67-34388 #	18 p3133 A67-34433
18 p3041 A67-34254 #	18 p3089 A67-34299 #	18 p3102 A67-34344	18 p3042 A67-34389 #	18 p3090 A67-34434
18 p3042 A67-34255 #	18 p3089 A67-34300 #	18 p3012 A67-34345	18 p3042 A67-34390 #	18 p3090 A67-34435
18 p3042 A67-34256 #	18 p3127 A67-34301	18 p3018 A67-34346	18 p3042 A67-34391 #	18 p3080 A67-34436
18 p3042 A67-34257 #	18 p3128 A67-34302	18 p3012 A67-34347	18 p3072 A67-34392 #	18 p3080 A67-34437
18 p3065 A67-34258	18 p3128 A67-34303*	18 p3102 A67-34348	18 p2986 A67-34393 #	18 p3080 A67-34438
18 p3054 A67-34259	18 p3128 A67-34304	18 p3003 A67-34349	18 p3072 A67-34394*	18 p3061 A67-34439
18 p3065 A67-34260	18 p3128 A67-34305	18 p3061 A67-34350	18 p3072 A67-34395	18 p3090 A67-34440
18 p3160 A67-34261	18 p3129 A67-34306	18 p3042 A67-34351	18 p3072 A67-34396*	18 p3018 A67-34441
18 p3144 A67-34262	18 p3129 A67-34307	18 p3074 A67-34352	18 p3072 A67-34397*	18 p3102 A67-34442
18 p3054 A67-34263	18 p3129 A67-34308	18 p3137 A67-34353 #	18 p3072 A67-34398	18 p3103 A67-34443
18 p3071 A67-34264	18 p3129 A67-34309	18 p3162 A67-34354 #	18 p2994 A67-34399 #	18 p3103 A67-34444
18 p2989 A67-34265	18 p3020 A67-34310	18 p3003 A67-34355 #	18 p3004 A67-34400 #	18 p3103 A67-34445
18 p3071 A67-34266 #	18 p3129 A67-34311	18 p3003 A67-34356 #	18 p3083 A67-34401	18 p3103 A67-34446
18 p3028 A67-34267 #	18 p3049 A67-34312	18 p3162 A67-34357 #	18 p3077 A67-34402 #	18 p3012 A67-34447
18 p2984 A67-34268 #	18 p3129 A67-34313	18 p3004 A67-34358	18 p3006 A67-34403	18 p3103 A67-34448
18 p3028 A67-34269 #	18 p3130 A67-34314	18 p3137 A67-34359	18 p3066 A67-34404	18 p3103 A67-34449
18 p3160 A67-34270 #	18 p3049 A67-34315	18 p3137 A67-34360	18 p3066 A67-34405	18 p3103 A67-34450
18 p3127 A67-34271 #	18 p3130 A67-34316	18 p3115 A67-34361	18 p3066 A67-34406	18 p3103 A67-34451
18 p3079 A67-34272 #	18 p3130 A67-34317	18 p3065 A67-34362	18 p3066 A67-34407	18 p3103 A67-34452
18 p3028 A67-34273 #	18 p3130 A67-34318	18 p3065 A67-34363	18 p3066 A67-34408	18 p3103 A67-34453
18 p3144 A67-34274 #	18 p3130 A67-34319	18 p3065 A67-34364*	18 p3066 A67-34409	18 p3103 A67-34454
18 p3144 A67-34275 #	18 p3130 A67-34320	18 p3054 A67-34365	18 p3066 A67-34410	18 p3066 A67-34455
18 p2998 A67-34276 #	18 p3131 A67-34321	18 p3054 A67-34366*	18 p3066 A67-34411	18 p3049 A67-34456
18 p2998 A67-34277 #	18 p3131 A67-34322	18 p3018 A67-34367	18 p3029 A67-34412	18 p3018 A67-34457
18 p3102 A67-34278	18 p3131 A67-34323	18 p3066 A67-34368	18 p3080 A67-34413	18 p3018 A67-34458
18 p3102 A67-34279	18 p3131 A67-34324*	18 p2998 A67-34369	18 p3116 A67-34414	18 p3018 A67-34459
18 p3017 A67-34280 #	18 p3131 A67-34325*	18 p3089 A67-34370	18 p3083 A67-34415	18 p3072 A67-34460 #
18 p3017 A67-34281 #	18 p3131 A67-34326*	18 p3079 A67-34371 #	18 p3061 A67-34416	18 p2998 A67-34461 #
18 p3075 A67-34282 #	18 p3132 A67-34327	18 p3079 A67-34372 #	18 p3102 A67-34417	18 p3069 A67-34462
18 p3018 A67-34283 #	18 p3132 A67-34328	18 p2986 A67-34373	18 p3029 A67-34418	18 p3020 A67-34463
18 p3018 A67-34284 #	18 p3132 A67-34329*	18 p3054 A67-34374	18 p3083 A67-34419	18 p2990 A67-34464 #
18 p3160 A67-34285	18 p3132 A67-34330	18 p3133 A67-34375	18 p3090 A67-34420	18 p3133 A67-34465 #

ACCESSION NUMBER INDEX

18 p3090 A67-34466	18 p3052 A67-34511 #	18 p3014 A67-34556	18 p3145 A67-34601 #	18 p3106 A67-34646
18 p3090 A67-34467	18 p3052 A67-34512 #	18 p3015 A67-34557	18 p3080 A67-34602 #	18 p3106 A67-34647*
18 p3090 A67-34468	18 p3052 A67-34513 #	18 p3055 A67-34558	18 p3073 A67-34603 #	18 p3055 A67-34648
18 p3090 A67-34469	18 p3052 A67-34514*#	18 p3015 A67-34559	18 p3080 A67-34604 #	18 p3018 A67-34649
18 p3091 A67-34470	18 p3052 A67-34515 #	18 p3015 A67-34560	18 p3080 A67-34605 #	18 p3005 A67-34650
18 p3083 A67-34471	18 p3052 A67-34516 #	18 p3015 A67-34561	18 p3073 A67-34606 #	18 p3138 A67-34651
18 p3161 A67-34472	18 p3083 A67-34517*	18 p3015 A67-34562	18 p3021 A67-34607 #	18 p3138 A67-34652
18 p3161 A67-34473	18 p3083 A67-34518	18 p3015 A67-34563	18 p3021 A67-34608 #	18 p2986 A67-34653
18 p3066 A67-34474	18 p2998 A67-34519	18 p3069 A67-34564	18 p3116 A67-34609 #	18 p2994 A67-34654
18 p3161 A67-34475	18 p2998 A67-34520*	18 p3103 A67-34565	18 p3052 A67-34610 #	18 p2994 A67-34655
18 p3161 A67-34476	18 p3083 A67-34521*	18 p3080 A67-34566	18 p3021 A67-34611 #	18 p3138 A67-34656
18 p3161 A67-34477	18 p3161 A67-34522	18 p3066 A67-34567	18 p3137 A67-34612	18 p2994 A67-34657*
18 p3083 A67-34478	18 p3084 A67-34523*	18 p3070 A67-34568	18 p3004 A67-34613	18 p3007 A67-34658
18 p3091 A67-34479	18 p3012 A67-34524	18 p3067 A67-34569	18 p3073 A67-34614 #	18 p3007 A67-34659*
18 p3091 A67-34480	18 p3013 A67-34525	18 p3067 A67-34570	18 p3029 A67-34615	18 p3007 A67-34660
18 p3073 A67-34481	18 p3043 A67-34526	18 p3067 A67-34571	18 p3161 A67-34616	18 p3057 A67-34661
18 p3144 A67-34482	18 p3013 A67-34527	18 p3067 A67-34572	18 p3004 A67-34617	18 p3116 A67-34662
18 p3055 A67-34483*	18 p3043 A67-34528	18 p3067 A67-34573	17 p3136 A67-34618	18 p2986 A67-34663
18 p3144 A67-34484	18 p3043 A67-34529	18 p3067 A67-34574	18 p3061 A67-34619	18 p3007 A67-34664
18 p3049 A67-34485*	18 p2991 A67-34530*	18 p3070 A67-34575	18 p3053 A67-34620	18 p3057 A67-34665
18 p3145 A67-34486*	18 p3052 A67-34531	18 p3067 A67-34576*	18 p3062 A67-34621	18 p3016 A67-34666
18 p3133 A67-34487	18 p3052 A67-34532	18 p3070 A67-34577*	18 p3053 A67-34622	18 p3057 A67-34667
18 p3069 A67-34488	18 p3110 A67-34533 #	18 p3067 A67-34578*	18 p3062 A67-34623	18 p3138 A67-34668
18 p3012 A67-34489	18 p3134 A67-34534	18 p3068 A67-34579	18 p3062 A67-34624	18 p3007 A67-34669
18 p3012 A67-34490	18 p3134 A67-34535*	18 p3068 A67-34580	18 p3062 A67-34625	18 p3016 A67-34670
18 p2990 A67-34491 #	18 p3134 A67-34536*	18 p3145 A67-34581	18 p3104 A67-34626	18 p3162 A67-34671
18 p2990 A67-34492 #	18 p3134 A67-34537	18 p3068 A67-34582	18 p3104 A67-34627	18 p3057 A67-34672
18 p3042 A67-34493*#	18 p3134 A67-34538	18 p3058 A67-34583	18 p3105 A67-34628	18 p3058 A67-34673
18 p3134 A67-34494*#	18 p3135 A67-34539	18 p3070 A67-34584	18 p3105 A67-34629	18 p3021 A67-34674
18 p3134 A67-34495*#	18 p3135 A67-34540*	18 p3135 A67-34585	18 p3105 A67-34630*	18 p3145 A67-34675
18 p3043 A67-34496 #	18 p3135 A67-34541	18 p3043 A67-34586	18 p3091 A67-34631	18 p3058 A67-34676*
18 p3134 A67-34497*#	18 p3135 A67-34542*	18 p3136 A67-34587*	18 p3105 A67-34632	18 p2995 A67-34677
18 p3049 A67-34498*	18 p3135 A67-34543	18 p3136 A67-34588*	18 p3091 A67-34633	18 p3162 A67-34678
18 p3050 A67-34499	18 p3135 A67-34544	18 p3136 A67-34589*	18 p3105 A67-34634	18 p3162 A67-34679
18 p2990 A67-34500	18 p3135 A67-34545	18 p3103 A67-34590*	18 p3105 A67-34635	18 p3162 A67-34680
18 p3050 A67-34501	18 p3135 A67-34546	18 p3104 A67-34591	18 p3106 A67-34636	18 p2987 A67-34681
18 p3050 A67-34502 #	18 p3013 A67-34547	18 p3104 A67-34592*	18 p3106 A67-34637*	18 p3163 A67-34682*
18 p3050 A67-34503	18 p3013 A67-34548	18 p3104 A67-34593	18 p3106 A67-34638	18 p3138 A67-34683
18 p3051 A67-34504 #	18 p3014 A67-34549	18 p3104 A67-34594*	18 p3106 A67-34639	18 p3138 A67-34684
18 p3051 A67-34505 #	18 p3014 A67-34550	18 p3015 A67-34595	18 p3062 A67-34640	18 p3021 A67-34685
18 p3051 A67-34506 #	18 p3014 A67-34551	18 p3016 A67-34596	18 p3091 A67-34641*	18 p2995 A67-34686
18 p3051 A67-34507 #	18 p3014 A67-34552	18 p3016 A67-34597	18 p3145 A67-34642*	18 p2995 A67-34687
18 p3051 A67-34508 #	18 p3014 A67-34553	18 p3016 A67-34598	18 p3091 A67-34643*	18 p3138 A67-34688*
18 p3051 A67-34509*#	18 p3014 A67-34554	18 p3007 A67-34599	18 p3106 A67-34644	18 p2995 A67-34689
18 p3051 A67-34510 #	18 p3014 A67-34555	18 p3104 A67-34600 #	18 p3004 A67-34645	18 p2987 A67-34690

ACCESSION NUMBER INDEX

18 p3163 A67-34691	18 p3029 A67-34736*	19 p3249 A67-34781*	19 p3311 A67-34826 #	19 p3337 A67-34871 #
18 p3163 A67-34692*	18 p3029 A67-34737	19 p3199 A67-34782	19 p3331 A67-34827 #	19 p3338 A67-34872 #
18 p3005 A67-34693	18 p3029 A67-34738	19 p3199 A67-34783	19 p3332 A67-34828 #	19 p3234 A67-34873 #
18 p3139 A67-34694*	18 p2984 A67-34739	19 p3199 A67-34784*	19 p3311 A67-34829 #	19 p3338 A67-34874 #
18 p3163 A67-34695	18 p3030 A67-34740	19 p3199 A67-34785	19 p3267 A67-34830 #	19 p3338 A67-34875 #
18 p3005 A67-34696	18 p3030 A67-34741	19 p3242 A67-34786	19 p3332 A67-34831 #	19 p3338 A67-34876 #
18 p3139 A67-34697*	18 p3030 A67-34742	19 p3175 A67-34787	19 p3317 A67-34832*#	19 p3338 A67-34877 #
18 p3139 A67-34698	18 p3030 A67-34743	19 p3226 A67-34788	19 p3169 A67-34833*#	19 p3338 A67-34878 #
18 p3058 A67-34699	18 p3092 A67-34744	19 p3233 A67-34789	19 p3207 A67-34834 #	19 p3338 A67-34879 #
18 p3163 A67-34700	18 p3092 A67-34745*	19 p3233 A67-34790	19 p3207 A67-34835 #	19 p3234 A67-34880 #
18 p3021 A67-34701*	18 p3092 A67-34746	19 p3233 A67-34791 #	19 p3207 A67-34836 #	19 p3235 A67-34881 #
18 p3139 A67-34702*	18 p3092 A67-34747*	19 p3234 A67-34792 #	19 p3207 A67-34837 #	19 p3235 A67-34882 #
18 p3007 A67-34703	18 p3092 A67-34748	19 p3234 A67-34793 #	19 p3200 A67-34838	19 p3235 A67-34883 #
18 p3139 A67-34704	18 p3092 A67-34749	19 p3249 A67-34794	19 p3249 A67-34839 #	19 p3169 A67-34884 #
18 p3145 A67-34705	18 p3093 A67-34750	19 p3249 A67-34795	19 p3190 A67-34840 #	19 p3338 A67-34885 #
18 p3077 A67-34706*	18 p3030 A67-34751	19 p3317 A67-34796	19 p3200 A67-34841*#	19 p3339 A67-34886 #
18 p2987 A67-34707	18 p3030 A67-34752	19 p3226 A67-34797 #	19 p3250 A67-34842*#	19 p3242 A67-34887 #
18 p2987 A67-34708	18 p3030 A67-34753	19 p3227 A67-34798*	19 p3227 A67-34843 #	19 p3235 A67-34888 #
18 p2995 A67-34709	18 p3030 A67-34754*	19 p3238 A67-34799	19 p3200 A67-34844 #	19 p3186 A67-34889 #
18 p2991 A67-34710	18 p3093 A67-34755	19 p3238 A67-34800	19 p3191 A67-34845*#	19 p3267 A67-34890 #
18 p2995 A67-34711 #	18 p3093 A67-34756	19 p3175 A67-34801 #	19 p3200 A67-34846*#	19 p3317 A67-34891 #
18 p2991 A67-34712	18 p3093 A67-34757	19 p3175 A67-34802 #	19 p3191 A67-34847 #	19 p3263 A67-34892 #
18 p2991 A67-34713*	18 p3018 A67-34758	19 p3175 A67-34803*#	19 p3181 A67-34848 #	19 p3312 A67-34893 #
18 p2992 A67-34714 #	19 p3299 A67-34759 #	19 p3213 A67-34804*#	19 p3200 A67-34849*#	19 p3254 A67-34894
18 p2992 A67-34715*	19 p3299 A67-34760 #	19 p3310 A67-34805 #	19 p3213 A67-34850	19 p3238 A67-34895 #
18 p2992 A67-34716 #	19 p3299 A67-34761 #	19 p3176 A67-34806 #	19 p3251 A67-34851 #	19 p3267 A67-34896 #
18 p2995 A67-34717	19 p3300 A67-34762 #	19 p3331 A67-34807 #	19 p3213 A67-34852 #	19 p3238 A67-34897 #
18 p2996 A67-34718*	19 p3300 A67-34763 #	19 p3331 A67-34808*#	19 p3214 A67-34853 #	19 p3239 A67-34898 #
18 p2992 A67-34719*	19 p3300 A67-34764 #	19 p3331 A67-34809 #	19 p3214 A67-34854 #	19 p3301 A67-34899 #
18 p2992 A67-34720 #	19 p3300 A67-34765 #	19 p3310 A67-34810 #	19 p3227 A67-34855 #	19 p3301 A67-34900 #
18 p2992 A67-34721 #	19 p3300 A67-34766 #	19 p3310 A67-34811 #	19 p3214 A67-34856 #	19 p3208 A67-34901 #
18 p2992 A67-34722	19 p3300 A67-34767 #	19 p3206 A67-34812 #	19 p3214 A67-34857 #	19 p3267 A67-34902 #
18 p2993 A67-34723	19 p3300 A67-34768 #	19 p3169 A67-34813 #	19 p3251 A67-34858 #	19 p3239 A67-34903 #
18 p2996 A67-34724	19 p3300 A67-34769 #	19 p3169 A67-34814*#	19 p3227 A67-34859 #	19 p3200 A67-34904 #
18 p2993 A67-34725	19 p3300 A67-34770 #	19 p3331 A67-34815*#	19 p3227 A67-34860 #	19 p3201 A67-34905 #
18 p3136 A67-34726*#	19 p3301 A67-34771 #	19 p3169 A67-34816*#	19 p3227 A67-34861 #	19 p3201 A67-34906 #
18 p3091 A67-34727 #	19 p3301 A67-34772 #	19 p3169 A67-34817 #	19 p3251 A67-34862 #	19 p3201 A67-34907 #
18 p3080 A67-34728 #	19 p3238 A67-34773 #	19 p3169 A67-34818*#	19 p3248 A67-34863	19 p3201 A67-34908 #
18 p3106 A67-34729 #	19 p3238 A67-34774 #	19 p3344 A67-34819 #	19 p3242 A67-34864 #	19 p3201 A67-34909 #
18 p3005 A67-34730 #	19 p3301 A67-34775 #	19 p3344 A67-34820 #	19 p3248 A67-34865 #	19 p3201 A67-34910 #
18 p3091 A67-34731	19 p3301 A67-34776 #	19 p3227 A67-34821 #	19 p3267 A67-34866	19 p3179 A67-34911*
18 p3091 A67-34732	19 p3331 A67-34777	19 p3311 A67-34822 #	19 p3172 A67-34867 #	19 p3317 A67-34912*
18 p3092 A67-34733	19 p3199 A67-34778*	19 p3337 A67-34823 #	19 p3250 A67-34868 #	19 p3177 A67-34913*
18 p3092 A67-34734	19 p3199 A67-34779*	19 p3213 A67-34824*#	19 p3344 A67-34869 #	19 p3235 A67-34914
18 p3029 A67-34735*	19 p3254 A67-34780*	19 p3199 A67-34825 #	19 p3234 A67-34870	19 p3235 A67-34915

ACCESSION NUMBER INDEX

19 p3242 A67-34916	19 p3339 A67-34961*	19 p3345 A67-35006	19 p3208 A67-35051	19 p3273 A67-35096 #
19 p3242 A67-34917	19 p3173 A67-34962	19 p3311 A67-35007*#	19 p3311 A67-35052	19 p3273 A67-35097 #
19 p3236 A67-34918	19 p3311 A67-34963*	19 p3309 A67-35008 #	19 p3339 A67-35053	19 p3273 A67-35098 #
19 p3242 A67-34919	19 p3228 A67-34964*	19 p3309 A67-35009 #	19 p3339 A67-35054	19 p3273 A67-35099 #
19 p3236 A67-34920	19 p3201 A67-34965*	19 p3309 A67-35010 #	19 p3318 A67-35055 #	19 p3274 A67-35100 #
19 p3243 A67-34921	19 p3186 A67-34966	19 p3345 A67-35011 #	19 p3251 A67-35056 #	19 p3274 A67-35101 #
19 p3227 A67-34922	19 p3347 A67-34967	19 p3310 A67-35012*#	19 p3252 A67-35057 #	19 p3274 A67-35102 #
19 p3243 A67-34923	19 p3207 A67-34968	19 p3345 A67-35013 #	19 p3252 A67-35058 #	19 p3274 A67-35103 #
19 p3243 A67-34924	19 p3347 A67-34969	19 p3310 A67-35014*#	19 p3252 A67-35059 #	19 p3274 A67-35104 #
19 p3243 A67-34925	19 p3347 A67-34970	19 p3192 A67-35015*	19 p3239 A67-35060	19 p3274 A67-35105 #
19 p3243 A67-34926	19 p3347 A67-34971	19 p3181 A67-35016*	19 p3193 A67-35061	19 p3275 A67-35106 #
19 p3243 A67-34927	19 p3348 A67-34972	19 p3318 A67-35017*	19 p3268 A67-35062	19 p3275 A67-35107 #
19 p3243 A67-34928	19 p3348 A67-34973	19 p3192 A67-35018	19 p3268 A67-35063	19 p3275 A67-35108 #
19 p3244 A67-34929	19 p3348 A67-34974	19 p3236 A67-35019	19 p3349 A67-35064	19 p3275 A67-35109 #
19 p3227 A67-34930	19 p3348 A67-34975	19 p3236 A67-35020	19 p3193 A67-35065	19 p3275 A67-35110*#
19 p3214 A67-34931	19 p3348 A67-34976	19 p3236 A67-35021	19 p3179 A67-35066	19 p3275 A67-35111 #
19 p3317 A67-34932	19 p3348 A67-34977	19 p3236 A67-35022	19 p3268 A67-35067	19 p3275 A67-35112 #
19 p3317 A67-34933	19 p3348 A67-34978	19 p3192 A67-35023*	19 p3264 A67-35068 #	19 p3276 A67-35113 #
19 p3301 A67-34934	19 p3349 A67-34979	19 p3236 A67-35024	19 p3264 A67-35069 #	19 p3276 A67-35114 #
19 p3301 A67-34935	19 p3349 A67-34980	19 p3192 A67-35025*	19 p3264 A67-35070 #	19 p3276 A67-35115*#
19 p3264 A67-34936	19 p3228 A67-34981 #	19 p3192 A67-35026*	19 p3270 A67-35071 #	19 p3276 A67-35116 #
19 p3244 A67-34937*	19 p3191 A67-34982 #	19 p3192 A67-35027*	19 p3271 A67-35072 #	19 p3276 A67-35117 #
19 p3302 A67-34938	19 p3191 A67-34983 #	19 p3193 A67-35028	19 p3271 A67-35073 #	19 p3276 A67-35118 #
19 p3302 A67-34939	19 p3192 A67-34984 #	19 p3193 A67-35029	19 p3271 A67-35074 #	19 p3276 A67-35119 #
19 p3244 A67-34940	19 p3228 A67-34985 #	19 p3193 A67-35030	19 p3271 A67-35075 #	19 p3277 A67-35120 #
19 p3244 A67-34941	19 p3239 A67-34986 #	19 p3182 A67-35031	19 p3271 A67-35076 #	19 p3277 A67-35121 #
19 p3244 A67-34942	19 p3228 A67-34987 #	19 p3193 A67-35032	19 p3271 A67-35077 #	19 p3277 A67-35122 #
19 p3191 A67-34943	19 p3228 A67-34988 #	19 p3182 A67-35033	19 p3272 A67-35078 #	19 p3277 A67-35123 #
19 p3191 A67-34944	19 p3228 A67-34989 #	19 p3239 A67-35034*	19 p3345 A67-35079 #	19 p3277 A67-35124 #
19 p3191 A67-34945	19 p3228 A67-34990 #	19 p3302 A67-35035*	19 p3176 A67-35080 #	19 p3277 A67-35125 #
19 p3191 A67-34946	19 p3228 A67-34991 #	19 p3302 A67-35036	19 p3176 A67-35081 #	19 p3277 A67-35126*#
19 p3267 A67-34947	19 p3201 A67-34992 #	19 p3302 A67-35037*	19 p3264 A67-35082 #	19 p3278 A67-35127 #
19 p3267 A67-34948	19 p3248 A67-34993 #	19 p3302 A67-35038	19 p3264 A67-35083 #	19 p3278 A67-35128 #
19 p3228 A67-34949	19 p3248 A67-34994	19 p3302 A67-35039	19 p3272 A67-35084 #	19 p3265 A67-35129*#
19 p3317 A67-34950	19 p3302 A67-34995	19 p3303 A67-35040	19 p3272 A67-35085 #	19 p3176 A67-35130 #
19 p3251 A67-34951*	19 p3309 A67-34996 #	19 p3303 A67-35041	19 p3264 A67-35086 #	19 p3265 A67-35131 #
19 p3317 A67-34952	19 p3309 A67-34997 #	19 p3303 A67-35042	19 p3265 A67-35087 #	19 p3278 A67-35132 #
19 p3251 A67-34953*	19 p3344 A67-34998 #	19 p3303 A67-35043	19 p3272 A67-35088 #	19 p3176 A67-35133 #
19 p3177 A67-34954	19 p3344 A67-34999*#	19 p3303 A67-35044	19 p3272 A67-35089 #	19 p3278 A67-35134 #
19 p3179 A67-34955*	19 p3214 A67-35000 #	19 p3303 A67-35045*	19 p3265 A67-35090 #	19 p3278 A67-35135 #
19 p3244 A67-34956	19 p3344 A67-35001 #	19 p3303 A67-35046	19 p3265 A67-35091 #	19 p3278 A67-35136 #
19 p3244 A67-34957	19 p3345 A67-35002*#	19 p3304 A67-35047*	19 p3272 A67-35092 #	19 p3278 A67-35137 #
19 p3244 A67-34958	19 p3309 A67-35003*#	19 p3261 A67-35048	19 p3273 A67-35093 #	19 p3279 A67-35138 #
19 p3245 A67-34959	19 p3345 A67-35004 #	19 p3261 A67-35049	19 p3273 A67-35094 #	19 p3279 A67-35139 #
19 p3261 A67-34960	19 p3309 A67-35005 #	19 p3261 A67-35050	19 p3273 A67-35095 #	19 p3279 A67-35140 #

ACCESSION NUMBER INDEX

19 p3279 A67-35141 #	19 p3216 A67-35186 #	19 p3219 A67-35231 #	19 p3332 A67-35276 #	19 p3322 A67-35321 #
19 p3279 A67-35142 #	19 p3312 A67-35187*#	19 p3219 A67-35232 #	19 p3221 A67-35277 #	19 p3230 A67-35322*#
19 p3279 A67-35143 #	19 p3312 A67-35188 #	19 p3180 A67-35233 #	19 p3314 A67-35278	19 p3332 A67-35323 #
19 p3280 A67-35144 #	19 p3313 A67-35189 #	19 p3207 A67-35234 #	19 p3180 A67-35279 #	19 p3221 A67-35324 #
19 p3280 A67-35145 #	19 p3318 A67-35190*#	19 p3182 A67-35235 #	19 p3221 A67-35280 #	19 p3181 A67-35325 #
19 p3280 A67-35146 #	19 p3216 A67-35191 #	19 p3180 A67-35236 #	19 p3319 A67-35281 #	19 p3186 A67-35326 #
19 p3280 A67-35147 #	19 p3216 A67-35192 #	19 p3182 A67-35237 #	19 p3320 A67-35282 #	19 p3322 A67-35327 #
19 p3280 A67-35148 #	19 p3216 A67-35193*#	19 p3219 A67-35238 #	19 p3320 A67-35283 #	19 p3323 A67-35328 #
19 p3280 A67-35149 #	19 p3216 A67-35194*#	19 p3182 A67-35239 #	19 p3320 A67-35284 #	19 p3230 A67-35329 #
19 p3281 A67-35150 #	19 p3318 A67-35195	19 p3182 A67-35240 #	19 p3320 A67-35285 #	19 p3323 A67-35330 #
19 p3281 A67-35151 #	19 p3339 A67-35196 #	19 p3178 A67-35241 #	19 p3320 A67-35286 #	19 p3323 A67-35331*
19 p3281 A67-35152 #	19 p3339 A67-35197 #	19 p3207 A67-35242 #	19 p3320 A67-35287 #	19 p3323 A67-35332*#
19 p3281 A67-35153 #	19 p3318 A67-35198 #	19 p3332 A67-35243	19 p3320 A67-35288 #	19 p3323 A67-35333 #
19 p3281 A67-35154	19 p3217 A67-35199 #	19 p3313 A67-35244 #	19 p3320 A67-35289 #	19 p3323 A67-35334 #
19 p3281 A67-35155 #	19 p3217 A67-35200*#	19 p3319 A67-35245 #	19 p3320 A67-35290	19 p3332 A67-35335 #
19 p3281 A67-35156 #	19 p3229 A67-35201 #	19 p3229 A67-35246 #	19 p3320 A67-35291 #	19 p3332 A67-35336*#
19 p3282 A67-35157 #	19 p3217 A67-35202 #	19 p3219 A67-35247 #	19 p3320 A67-35292 #	19 p3323 A67-35337 #
19 p3282 A67-35158 #	19 p3217 A67-35203 #	19 p3180 A67-35248 #	19 p3321 A67-35293 #	19 p3282 A67-35338
19 p3282 A67-35159 #	19 p3217 A67-35204 #	19 p3219 A67-35249	19 p3321 A67-35294 #	19 p3284 A67-35339 #
19 p3282 A67-35160 #	19 p3179 A67-35205 #	19 p3180 A67-35250 #	19 p3321 A67-35295 #	19 p3284 A67-35340 #
19 p3261 A67-35161 #	19 p3182 A67-35206	19 p3219 A67-35251	19 p3321 A67-35296 #	19 p3285 A67-35341 #
19 p3261 A67-35162 #	19 p3217 A67-35207	19 p3219 A67-35252	19 p3321 A67-35297 #	19 p3285 A67-35342*#
19 p3239 A67-35163 #	19 p3177 A67-35208*#	19 p3219 A67-35253 #	19 p3321 A67-35298 #	19 p3285 A67-35343 #
19 p3265 A67-35164 #	19 p3179 A67-35209 #	19 p3220 A67-35254 #	19 p3321 A67-35299 #	19 p3285 A67-35344 #
19 p3239 A67-35165 #	19 p3229 A67-35210*#	19 p3220 A67-35255 #	19 p3321 A67-35300 #	19 p3285 A67-35345 #
19 p3239 A67-35166 #	19 p3217 A67-35211 #	19 p3220 A67-35256 #	19 p3321 A67-35301 #	19 p3285 A67-35346 #
19 p3282 A67-35167 #	19 p3313 A67-35212 #	19 p3313 A67-35257 #	19 p3321 A67-35302 #	19 p3286 A67-35347 #
19 p3214 A67-35168 #	19 p3218 A67-35213*#	19 p3319 A67-35258 #	19 p3321 A67-35303 #	19 p3286 A67-35348 #
19 p3214 A67-35169*#	19 p3313 A67-35214*#	19 p3180 A67-35259 #	19 p3321 A67-35304 #	19 p3286 A67-35349 #
19 p3229 A67-35170*#	19 p3218 A67-35215 #	19 p3220 A67-35260	19 p3321 A67-35305 #	19 p3286 A67-35350 #
19 p3215 A67-35171 #	19 p3319 A67-35216 #	19 p3313 A67-35261 #	19 p3322 A67-35306 #	19 p3286 A67-35351 #
19 p3182 A67-35172 #	19 p3319 A67-35217*#	19 p3220 A67-35262 #	19 p3322 A67-35307	19 p3286 A67-35352 #
19 p3215 A67-35173 #	19 p3313 A67-35218 #	19 p3319 A67-35263 #	19 p3322 A67-35308	19 p3286 A67-35353*#
19 p3215 A67-35174*#	19 p3218 A67-35219 #	19 p3180 A67-35264*#	19 p3173 A67-35309 #	19 p3287 A67-35354 #
19 p3312 A67-35175 #	19 p3177 A67-35220*#	19 p3220 A67-35265*#	19 p3254 A67-35310 #	19 p3287 A67-35355 #
19 p3312 A67-35176 #	19 p3178 A67-35221	19 p3319 A67-35266*#	19 p3186 A67-35311 #	19 p3287 A67-35356 #
19 p3215 A67-35177 #	19 p3218 A67-35222 #	19 p3229 A67-35267 #	19 p3254 A67-35312 #	19 p3287 A67-35357 #
19 p3215 A67-35178*#	19 p3178 A67-35223*#	19 p3182 A67-35268 #	19 p3254 A67-35313 #	19 p3287 A67-35358*#
19 p3318 A67-35179*#	19 p3207 A67-35224*#	19 p3314 A67-35269 #	19 p3193 A67-35314*#	19 p3287 A67-35359 #
19 p3215 A67-35180 #	19 p3218 A67-35225*#	19 p3314 A67-35270*#	19 p3332 A67-35315 #	19 p3287 A67-35360 #
19 p3215 A67-35181 #	19 p3218 A67-35226*#	19 p3178 A67-35271 #	19 p3322 A67-35316 #	19 p3288 A67-35361*#
19 p3216 A67-35182 #	19 p3218 A67-35227	19 p3220 A67-35272 #	19 p3322 A67-35317 #	19 p3288 A67-35362 #
19 p3216 A67-35183	19 p3179 A67-35228	19 p3221 A67-35273 #	19 p3229 A67-35318 #	19 p3288 A67-35363 #
19 p3177 A67-35184*#	19 p3179 A67-35229	19 p3180 A67-35274*#	19 p3322 A67-35319 #	19 p3288 A67-35364 #
19 p3318 A67-35185 #	19 p3218 A67-35230 #	19 p3319 A67-35275 #	19 p3229 A67-35320*#	19 p3288 A67-35365 #

ACCESSION NUMBER INDEX

19 p3288 A67-35366*#	19 p3209 A67-35411 #	19 p3222 A67-35456	19 p3224 A67-35501	19 p3240 A67-35546
19 p3288 A67-35367 #	19 p3170 A67-35412 #	19 p3183 A67-35457	19 p3261 A67-35502 #	19 p3304 A67-35547 #
19 p3221 A67-35368 #	19 p3209 A67-35413 #	19 p3222 A67-35458	19 p3325 A67-35503*#	19 p3194 A67-35548 #
19 p3288 A67-35369 #	19 p3209 A67-35414 #	19 p3222 A67-35459	19 p3325 A67-35504 #	19 p3195 A67-35549 #
19 p3288 A67-35370 #	19 p3209 A67-35415 #	19 p3222 A67-35460	19 p3325 A67-35505 #	19 p3195 A67-35550 #
19 p3288 A67-35371*#	19 p3193 A67-35416	19 p3304 A67-35461	19 p3325 A67-35506 #	19 p3254 A67-35551 #
19 p3288 A67-35372 #	19 p3294 A67-35417	19 p3193 A67-35462	19 p3261 A67-35507 #	19 p3341 A67-35552
19 p3288 A67-35373*#	19 p3295 A67-35418	19 p3194 A67-35463	19 p3340 A67-35508 #	19 p3245 A67-35553
19 p3288 A67-35374 #	19 p3295 A67-35419	19 p3325 A67-35464 #	19 p3340 A67-35509 #	19 p3249 A67-35554
19 p3290 A67-35375 #	19 p3240 A67-35420	19 p3340 A67-35465	19 p3340 A67-35510 #	19 p3183 A67-35555
19 p3290 A67-35376 #	19 p3240 A67-35421	19 p3181 A67-35466	19 p3340 A67-35511 #	19 p3325 A67-35556
19 p3290 A67-35377 #	19 p3304 A67-35422	19 p3245 A67-35467	19 p3340 A67-35512 #	19 p3181 A67-35557 #
19 p3290 A67-35378 #	19 p3323 A67-35423	19 p3245 A67-35468	19 p3194 A67-35513*	19 p3173 A67-35558 #
19 p3290 A67-35379 #	19 p3323 A67-35424	19 p3245 A67-35469	19 p3194 A67-35514	19 p3176 A67-35559 #
19 p3290 A67-35380 #	19 p3248 A67-35425	19 p3245 A67-35470	19 p3194 A67-35515*	19 p3195 A67-35560
19 p3291 A67-35381 #	19 p3248 A67-35426	19 p3245 A67-35471	19 p3194 A67-35516	19 p3183 A67-35561
19 p3291 A67-35382 #	19 p3304 A67-35427 #	19 p3245 A67-35472	19 p3295 A67-35517	19 p3183 A67-35562
19 p3291 A67-35383 #	19 p3304 A67-35428 #	19 p3222 A67-35473 #	19 p3183 A67-35518	19 p3316 A67-35563
19 p3291 A67-35384 #	19 p3221 A67-35429 #	19 p3223 A67-35474	19 p3170 A67-35519	19 p3295 A67-35564
19 p3291 A67-35385 #	19 p3221 A67-35430 #	19 p3223 A67-35475 #	19 p3207 A67-35520	19 p3230 A67-35565
19 p3291 A67-35386 #	19 p3221 A67-35431 #	19 p3223 A67-35476 #	19 p3170 A67-35521	19 p3345 A67-35566 #
19 p3291 A67-35387 #	19 p3221 A67-35432 #	19 p3315 A67-35477 #	19 p3173 A67-35522	19 p3346 A67-35567
19 p3292 A67-35388 #	19 p3221 A67-35433 #	19 p3223 A67-35478 #	19 p3230 A67-35523	19 p3207 A67-35568
19 p3292 A67-35389 #	19 p3324 A67-35434	19 p3223 A67-35479 #	19 p3340 A67-35524	19 p3333 A67-35569
19 p3292 A67-35390 #	19 p3324 A67-35435	19 p3223 A67-35480 #	19 p3341 A67-35525	19 p3176 A67-35570 #
19 p3292 A67-35391*#	19 p3324 A67-35436	19 p3223 A67-35481 #	19 p3224 A67-35526 #	19 p3311 A67-35571 #
19 p3292 A67-35392 #	19 p3324 A67-35437	19 p3223 A67-35482 #	19 p3252 A67-35527 #	19 p3250 A67-35572
19 p3292 A67-35393 #	19 p3314 A67-35438	19 p3223 A67-35483 #	19 p3252 A67-35528 #	19 p3230 A67-35573
19 p3292 A67-35394 #	19 p3314 A67-35439	19 p3315 A67-35484 #	19 p3224 A67-35529 #	19 p3346 A67-35574
19 p3230 A67-35395 #	19 p3314 A67-35440	19 p3315 A67-35485 #	19 p3253 A67-35530 #	19 p3341 A67-35575
19 p3208 A67-35396 #	19 p3314 A67-35441	19 p3325 A67-35486 #	19 p3225 A67-35531 #	19 p3262 A67-35576 #
19 p3293 A67-35397 #	19 p3324 A67-35442	19 p3315 A67-35487 #	19 p3225 A67-35532 #	19 p3305 A67-35577 #
19 p3293 A67-35398 #	19 p3209 A67-35443 #	19 p3224 A67-35488	19 p3230 A67-35533	19 p3326 A67-35578 #
19 p3293 A67-35399 #	19 p3340 A67-35444 #	19 p3224 A67-35489 #	19 p3295 A67-35534	19 p3341 A67-35579 #
19 p3293 A67-35400 #	19 p3209 A67-35445 #	19 p3315 A67-35490 #	19 p3304 A67-35535	19 p3195 A67-35580 #
19 p3293 A67-35401 #	19 p3210 A67-35446 #	19 p3224 A67-35491	19 p3304 A67-35536*	19 p3262 A67-35581
19 p3293 A67-35402 #	19 p3210 A67-35447 #	19 p3315 A67-35492	19 p3315 A67-35537	19 p3262 A67-35582
19 p3293 A67-35403 #	19 p3245 A67-35448 #	19 p3325 A67-35493 #	19 p3170 A67-35538	19 p3230 A67-35583 #
19 p3294 A67-35404 #	19 p3170 A67-35449 #	19 p3315 A67-35494	19 p3210 A67-35539	19 p3186 A67-35584 #
19 p3294 A67-35405 #	19 p3340 A67-35450 #	19 p3224 A67-35495 #	19 p3295 A67-35540	19 p3295 A67-35585
19 p3294 A67-35406*#	19 p3324 A67-35451*	19 p3315 A67-35496 #	19 p3341 A67-35541	19 p3296 A67-35586 #
19 p3294 A67-35407 #	19 p3314 A67-35452*	19 p3325 A67-35497 #	19 p3170 A67-35542	19 p3296 A67-35587 #
19 p3294 A67-35408 #	19 p3222 A67-35453*	19 p3224 A67-35498 #	19 p3194 A67-35543	19 p3296 A67-35588 #
19 p3294 A67-35409 #	19 p3222 A67-35454	19 p3224 A67-35499 #	19 p3194 A67-35544	19 p3296 A67-35589 #
19 p3209 A67-35410 #	19 p3222 A67-35455	19 p3333 A67-35500 #	19 p3183 A67-35545	19 p3296 A67-35590 #

ACCESSION NUMBER INDEX

19 p3297 A67-35591 #	19 p3183 A67-35636	19 p3266 A67-35681	19 p3197 A67-35726 #	19 p3343 A67-35771 #
19 p3297 A67-35592 #	19 p3253 A67-35637	19 p3231 A67-35682*	19 p3245 A67-35727	19 p3343 A67-35772 #
19 p3230 A67-35593 #	19 p3255 A67-35638	19 p3231 A67-35683	19 p3245 A67-35728	19 p3212 A67-35773 #
19 p3231 A67-35594*#	19 p3349 A67-35639*	19 p3231 A67-35684	19 p3245 A67-35729	19 p3177 A67-35774 #
19 p3231 A67-35595 #	19 p3349 A67-35640	19 p3184 A67-35685*	19 p3246 A67-35730	19 p3343 A67-35775 #
19 p3297 A67-35596 #	19 p3349 A67-35641	19 p3262 A67-35686	19 p3298 A67-35731	19 p3212 A67-35776 #
19 p3297 A67-35597 #	19 p3349 A67-35642	19 p3197 A67-35687	19 p3306 A67-35732	19 p3311 A67-35777 #
19 p3195 A67-35598 #	19 p3333 A67-35643*	19 p3184 A67-35688*	19 p3307 A67-35733	19 p3343 A67-35778 #
19 p3195 A67-35599 #	19 p3326 A67-35644*	19 p3231 A67-35689	19 p3346 A67-35734 #	19 p3172 A67-35779 #
19 p3297 A67-35600 #	19 p3349 A67-35645*	19 p3225 A67-35690*	19 p3171 A67-35735 #	19 p3172 A67-35780 #
19 p3297 A67-35601 #	19 p3183 A67-35646	19 p3232 A67-35691	19 p3171 A67-35736 #	19 p3343 A67-35781 #
19 p3298 A67-35602 #	19 p3253 A67-35647	19 p3240 A67-35692	19 p3211 A67-35737 #	19 p3246 A67-35782
19 p3266 A67-35603*	19 p3350 A67-35648	19 p3232 A67-35693	19 p3211 A67-35738 #	19 p3246 A67-35783
19 p3201 A67-35604	19 p3350 A67-35649	19 p3240 A67-35694	19 p3211 A67-35739 #	19 p3246 A67-35784
19 p3202 A67-35605	19 p3350 A67-35650	19 p3240 A67-35695	19 p3211 A67-35740 #	19 p3246 A67-35785
19 p3202 A67-35606	19 p3350 A67-35651	19 p3266 A67-35696*	19 p3171 A67-35741 #	19 p3246 A67-35786*
19 p3202 A67-35607	19 p3327 A67-35652	19 p3232 A67-35697*	19 p3346 A67-35742*#	19 p3246 A67-35787
19 p3225 A67-35608	19 p3181 A67-35653	19 p3232 A67-35698*	19 p3260 A67-35743*#	19 p3247 A67-35788
19 p3305 A67-35609	19 p3231 A67-35654	19 p3232 A67-35699	19 p3311 A67-35744 #	19 p3307 A67-35789
19 p3170 A67-35610	19 p3225 A67-35655	19 p3240 A67-35700	19 p3298 A67-35745*#	19 p3347 A67-35790
19 p3210 A67-35611 #	19 p3253 A67-35656	19 p3241 A67-35701	19 p3298 A67-35746*#	19 p3202 A67-35791
19 p3346 A67-35612*	19 p3183 A67-35657	19 p3197 A67-35702*	19 p3333 A67-35747*#	19 p3298 A67-35792
19 p3346 A67-35613	19 p3255 A67-35658	19 p3210 A67-35703*	19 p3249 A67-35748 #	19 p3307 A67-35793
19 p3210 A67-35614*	19 p3196 A67-35659	19 p3341 A67-35704 #	19 p3333 A67-35749 #	19 p3307 A67-35794
19 p3250 A67-35615*	19 p3196 A67-35660	19 p3306 A67-35705 #	19 p3342 A67-35750*#	19 p3307 A67-35795
19 p3210 A67-35616	19 p3196 A67-35661	19 p3262 A67-35706 #	19 p3342 A67-35751 #	19 p3316 A67-35796
19 p3225 A67-35617 #	19 p3196 A67-35662	19 p3210 A67-35707 #	19 p3211 A67-35752 #	19 p3262 A67-35797
19 p3225 A67-35618 #	19 p3196 A67-35663	19 p3262 A67-35708 #	19 p3208 A67-35753 #	19 p3212 A67-35798
19 p3186 A67-35619*	19 p3327 A67-35664	19 p3262 A67-35709 #	19 p3211 A67-35754 #	19 p3262 A67-35799
19 p3195 A67-35620	19 p3184 A67-35665	19 p3266 A67-35710 #	19 p3346 A67-35755 #	19 p3172 A67-35800 #
19 p3305 A67-35621	19 p3196 A67-35666	19 p3341 A67-35711 #	19 p3202 A67-35756*#	19 p3316 A67-35801*
19 p3240 A67-35622	19 p3305 A67-35667 #	19 p3171 A67-35712 #	19 p3346 A67-35757 #	19 p3316 A67-35802
19 p3240 A67-35623*	19 p3305 A67-35668*#	19 p3171 A67-35713 #	19 p3342 A67-35758 #	19 p3316 A67-35803
19 p3231 A67-35624	19 p3305 A67-35669*#	19 p3171 A67-35714 #	19 p3211 A67-35759 #	19 p3241 A67-35804
19 p3202 A67-35625	19 p3306 A67-35670 #	19 p3341 A67-35715 #	19 p3298 A67-35760 #	19 p3255 A67-35805
19 p3195 A67-35626	19 p3306 A67-35671*#	19 p3342 A67-35716 #	19 p3346 A67-35761*#	19 p3255 A67-35806
19 p3196 A67-35627	19 p3327 A67-35672 #	19 p3342 A67-35717 #	19 p3211 A67-35762 #	19 p3255 A67-35807
19 p3305 A67-35628	19 p3306 A67-35673 #	19 p3342 A67-35718 #	19 p3342 A67-35763 #	19 p3255 A67-35808
19 p3196 A67-35629	19 p3306 A67-35674 #	19 p3342 A67-35719 #	19 p3212 A67-35764 #	19 p3197 A67-35809
19 p3341 A67-35630 #	19 p3196 A67-35675	19 p3210 A67-35720 #	19 p3212 A67-35765*#	19 p3241 A67-35810
19 p3341 A67-35631 #	19 p3306 A67-35676 #	19 p3210 A67-35721 #	19 p3310 A67-35766*#	19 p3184 A67-35811
19 p3171 A67-35632 #	19 p3186 A67-35677	19 p3171 A67-35722 #	19 p3208 A67-35767 #	19 p3307 A67-35812
19 p3346 A67-35633 #	19 p3186 A67-35678	19 p3171 A67-35723 #	19 p3171 A67-35768 #	19 p3197 A67-35813
19 p3326 A67-35634	19 p3187 A67-35679	19 p3342 A67-35724 #	19 p3212 A67-35769 #	19 p3241 A67-35814
19 p3333 A67-35635	19 p3187 A67-35680	19 p3236 A67-35725 #	19 p3342 A67-35770 #	19 p3343 A67-35815 #

ACCESSION NUMBER INDEX

19 p3311 A67-35816 #	19 p3256 A67-35861	19 p3204 A67-35906	19 p3335 A67-35951*#	19 p3337 A67-35996 #
19 p3173 A67-35817 #	19 p3256 A67-35862	19 p3204 A67-35907	19 p3257 A67-35952*#	19 p3259 A67-35997*#
19 p3249 A67-35818 #	19 p3256 A67-35863	19 p3205 A67-35908	19 p3257 A67-35953*#	19 p3172 A67-35998 #
19 p3172 A67-35819	19 p3256 A67-35864	19 p3205 A67-35909	19 p3174 A67-35954 #	19 p3337 A67-35999*#
19 p3343 A67-35820	19 p3173 A67-35865	19 p3250 A67-35910	19 p3335 A67-35955*#	19 p3208 A67-36000*#
19 p3236 A67-35821	19 p3237 A67-35866 #	19 p3205 A67-35911	19 p3174 A67-35956 #	19 p3172 A67-36001*#
19 p3237 A67-35822	19 p3263 A67-35867	19 p3205 A67-35912	19 p3335 A67-35957 #	19 p3329 A67-36002 #
19 p3197 A67-35823	19 p3307 A67-35868 #	19 p3205 A67-35913	19 p3257 A67-35958*#	19 p3329 A67-36003 #
19 p3197 A67-35824	19 p3263 A67-35869 #	19 p3205 A67-35914	19 p3328 A67-35959*#	19 p3329 A67-36004*#
19 p3184 A67-35825*	19 p3327 A67-35870 #	19 p3206 A67-35915	19 p3250 A67-35960 #	19 p3226 A67-36005 #
19 p3184 A67-35826	19 p3299 A67-35871 #	19 p3206 A67-35916	19 p3328 A67-35961*#	19 p3337 A67-36006*#
19 p3184 A67-35827	19 p3232 A67-35872 #	19 p3253 A67-35917 #	19 p3328 A67-35962*#	19 p3260 A67-36007*#
19 p3298 A67-35828	19 p3178 A67-35873*	19 p3253 A67-35918 #	19 p3335 A67-35963*#	19 p3260 A67-36008*#
19 p3197 A67-35829	19 p3307 A67-35874 #	19 p3253 A67-35919 #	19 p3329 A67-35964 #	19 p3260 A67-36009*#
19 p3327 A67-35830 #	19 p3308 A67-35875 #	19 p3253 A67-35920*#	19 p3174 A67-35965 #	19 p3260 A67-36010*#
19 p3184 A67-35831 #	19 p3173 A67-35876	19 p3225 A67-35921 #	19 p3174 A67-35966 #	19 p3260 A67-36011*#
19 p3187 A67-35832	19 p3256 A67-35877*	19 p3226 A67-35922 #	19 p3174 A67-35967 #	19 p3260 A67-36012 #
19 p3263 A67-35833	19 p3327 A67-35878 #	19 p3226 A67-35923 #	19 p3258 A67-35968 #	19 p3337 A67-36013 #
19 p3247 A67-35834	19 p3350 A67-35879	19 p3226 A67-35924*#	19 p3258 A67-35969 #	19 p3185 A67-36014 #
19 p3247 A67-35835	19 p3181 A67-35880 #	19 p3238 A67-35925	19 p3335 A67-35970 #	19 p3185 A67-36015 #
19 p3247 A67-35836	19 p3266 A67-35881*#	19 p3232 A67-35926*	19 p3174 A67-35971 #	19 p3198 A67-36016 #
19 p3237 A67-35837	19 p3181 A67-35882*	19 p3263 A67-35927*	19 p3175 A67-35972 #	19 p3254 A67-36017 #
19 p3237 A67-35838*	19 p3212 A67-35883 #	19 p3334 A67-35928*#	19 p3175 A67-35973 #	19 p3185 A67-36018 #
19 p3237 A67-35839*	19 p3178 A67-35884	19 p3328 A67-35929*#	19 p3175 A67-35974 #	19 p3299 A67-36019 #
19 p3237 A67-35840	19 p3178 A67-35885*	19 p3173 A67-35930*#	19 p3258 A67-35975 #	19 p3185 A67-36020 #
19 p3333 A67-35841	19 p3202 A67-35886 #	19 p3254 A67-35931 #	19 p3335 A67-35976*#	19 p3185 A67-36021 #
19 p3333 A67-35842	19 p3202 A67-35887 #	19 p3173 A67-35932 #	19 p3258 A67-35977 #	19 p3198 A67-36022 #
19 p3334 A67-35843	19 p3249 A67-35888	19 p3328 A67-35933	19 p3329 A67-35978 #	19 p3241 A67-36023 #
19 p3343 A67-35844	19 p3334 A67-35889*	19 p3334 A67-35934 #	19 p3329 A67-35979*#	19 p3241 A67-36024 #
19 p3343 A67-35845	19 p3232 A67-35890	19 p3334 A67-35935*#	19 p3258 A67-35980 #	19 p3241 A67-36025 #
19 p3343 A67-35846	19 p3250 A67-35891*	19 p3334 A67-35936*#	19 p3258 A67-35981*#	19 p3308 A67-36026 #
19 p3344 A67-35847	19 p3177 A67-35892	19 p3334 A67-35937 #	19 p3233 A67-35982*#	19 p3241 A67-36027 #
19 p3344 A67-35848	19 p3327 A67-35893	19 p3334 A67-35938*#	19 p3258 A67-35983 #	19 p3248 A67-36028
19 p3247 A67-35849	19 p3327 A67-35894	19 p3174 A67-35939 #	19 p3259 A67-35984*#	19 p3316 A67-36029 #
19 p3247 A67-35850	19 p3212 A67-35895	19 p3208 A67-35940 #	19 p3336 A67-35985 #	19 p3329 A67-36030
19 p3237 A67-35851	19 p3178 A67-35896	19 p3206 A67-35941*#	19 p3233 A67-35986 #	19 p3212 A67-36031 #
19 p3247 A67-35852	19 p3177 A67-35897 #	19 p3256 A67-35942 #	19 p3336 A67-35987*#	19 p3187 A67-36032 #
19 p3263 A67-35853	19 p3347 A67-35898 #	19 p3257 A67-35943*#	19 p3336 A67-35988*#	19 p3206 A67-36033
19 p3248 A67-35854 #	19 p3328 A67-35899 #	19 p3328 A67-35944*#	19 p3259 A67-35989*#	19 p3206 A67-36034*
19 p3298 A67-35855 #	19 p3299 A67-35900	19 p3257 A67-35945*#	19 p3259 A67-35990 #	19 p3308 A67-36035
19 p3255 A67-35856*	19 p3203 A67-35901	19 p3208 A67-35946 #	19 p3259 A67-35991 #	19 p3241 A67-36036
19 p3255 A67-35857	19 p3203 A67-35902	19 p3208 A67-35947 #	19 p3336 A67-35992 #	19 p3177 A67-36037
19 p3187 A67-35858	19 p3204 A67-35903	19 p3233 A67-35948*#	19 p3259 A67-35993 #	19 p3198 A67-36038
19 p3256 A67-35859*	19 p3204 A67-35904	19 p3257 A67-35949 #	19 p3336 A67-35994*#	19 p3308 A67-36039
19 p3256 A67-35860	19 p3204 A67-35905	19 p3257 A67-35950*#	19 p3336 A67-35995*#	19 p3308 A67-36040

ACCESSION NUMBER INDEX

19 p3308 A67-36041	19 p3331 A67-36086*	20 p3492 A67-36131	20 p3393 A67-36176*	20 p3464 A67-36221 #
19 p3198 A67-36042	19 p3331 A67-36087	20 p3492 A67-36132	20 p3505 A67-36177	20 p3506 A67-36222 #
19 p3198 A67-36043	19 p3316 A67-36088	20 p3463 A67-36133 #	20 p3505 A67-36178	20 p3506 A67-36223 #
19 p3198 A67-36044	19 p3266 A67-36089	20 p3463 A67-36134	20 p3505 A67-36179*	20 p3464 A67-36224 #
19 p3308 A67-36045	19 p3266 A67-36090*	20 p3435 A67-36135	20 p3413 A67-36180	20 p3464 A67-36225 #
19 p3198 A67-36046	19 p3266 A67-36091	20 p3481 A67-36136	20 p3413 A67-36181*	20 p3506 A67-36226 #
19 p3250 A67-36047 #	19 p3299 A67-36092	20 p3378 A67-36137	20 p3413 A67-36182	20 p3506 A67-36227 #
19 p3251 A67-36048 #	19 p3299 A67-36093	20 p3535 A67-36138	20 p3378 A67-36183	20 p3487 A67-36228
19 p3251 A67-36049 #	19 p3190 A67-36094 #	20 p3493 A67-36139	20 p3483 A67-36184	20 p3506 A67-36229
19 p3251 A67-36050 #	19 p3185 A67-36095 #	20 p3475 A67-36140	20 p3543 A67-36185	20 p3483 A67-36230*
19 p3347 A67-36051 #	19 p3185 A67-36096 #	20 p3367 A67-36141	20 p3355 A67-36186 #	20 p3487 A67-36231
19 p3312 A67-36052 #	19 p3185 A67-36097 #	20 p3493 A67-36142	20 p3464 A67-36187 #	20 p3376 A67-36232
19 p3187 A67-36053	19 p3316 A67-36098	20 p3493 A67-36143 #	20 p3419 A67-36188 #	20 p3543 A67-36233
19 p3198 A67-36054	19 p3317 A67-36099	20 p3493 A67-36144 #	20 p3419 A67-36189 #	20 p3393 A67-36234
19 p3199 A67-36055	19 p3266 A67-36100	20 p3493 A67-36145 #	20 p3419 A67-36190 #	20 p3506 A67-36235*#
19 p3188 A67-36056	19 p3308 A67-36101	20 p3494 A67-36146 #	20 p3355 A67-36191 #	20 p3394 A67-36236 #
19 p3188 A67-36057	19 p3233 A67-36102	20 p3494 A67-36147 #	20 p3355 A67-36192 #	20 p3507 A67-36237 #
19 p3188 A67-36058	19 p3241 A67-36103	20 p3494 A67-36148 #	20 p3355 A67-36193 #	20 p3457 A67-36238 #
19 p3188 A67-36059*#	19 p3233 A67-36104	20 p3494 A67-36149 #	20 p3355 A67-36194 #	20 p3362 A67-36239 #
19 p3188 A67-36060	19 p3309 A67-36105	20 p3494 A67-36150 #	20 p3483 A67-36195 #	20 p3362 A67-36240 #
19 p3188 A67-36061	19 p3242 A67-36106	20 p3419 A67-36151 #	20 p3535 A67-36196 #	20 p3507 A67-36241 #
19 p3189 A67-36062	19 p3242 A67-36107	20 p3494 A67-36152 #	20 p3535 A67-36197 #	20 p3394 A67-36242 #
19 p3189 A67-36063	19 p3242 A67-36108	20 p3495 A67-36153 #	20 p3453 A67-36198 #	20 p3379 A67-36243 #
19 p3189 A67-36064	20 p3471 A67-36109	20 p3495 A67-36154 #	20 p3355 A67-36199	20 p3379 A67-36244 #
19 p3189 A67-36065	20 p3472 A67-36110	20 p3495 A67-36155 #	20 p3435 A67-36200 #	20 p3394 A67-36245 #
19 p3189 A67-36066	20 p3463 A67-36111	20 p3495 A67-36156 #	20 p3435 A67-36201 #	20 p3394 A67-36246 #
19 p3189 A67-36067	20 p3463 A67-36112	20 p3504 A67-36157	20 p3435 A67-36202 #	20 p3379 A67-36247 #
19 p3189 A67-36068	20 p3472 A67-36113	20 p3504 A67-36158	20 p3505 A67-36203 #	20 p3395 A67-36248 #
19 p3190 A67-36069	20 p3472 A67-36114	20 p3473 A67-36159	20 p3435 A67-36204*#	20 p3395 A67-36249 #
19 p3190 A67-36070	20 p3362 A67-36115	20 p3504 A67-36160	20 p3483 A67-36205*#	20 p3390 A67-36250 #
19 p3190 A67-36071	20 p3463 A67-36116	20 p3473 A67-36161	20 p3505 A67-36206 #	20 p3390 A67-36251*#
19 p3190 A67-36072*	20 p3435 A67-36117	20 p3504 A67-36162	20 p3505 A67-36207 #	20 p3390 A67-36252 #
19 p3330 A67-36073*	20 p3472 A67-36118	20 p3504 A67-36163	20 p3505 A67-36208 #	20 p3374 A67-36253 #
19 p3330 A67-36074*	20 p3407 A67-36119	20 p3456 A67-36164	20 p3505 A67-36209 #	20 p3367 A67-36254 #
19 p3330 A67-36075*	20 p3362 A67-36120	20 p3504 A67-36165	20 p3505 A67-36210 #	20 p3367 A67-36255 #
19 p3330 A67-36076	20 p3378 A67-36121	20 p3504 A67-36166	20 p3506 A67-36211*#	20 p3367 A67-36256 #
19 p3330 A67-36077	20 p3535 A67-36122 #	20 p3504 A67-36167	20 p3496 A67-36212 #	20 p3367 A67-36257 #
19 p3263 A67-36078	20 p3503 A67-36123 #	20 p3495 A67-36168	20 p3496 A67-36213 #	20 p3367 A67-36258 #
19 p3330 A67-36079*	20 p3378 A67-36124 #	20 p3495 A67-36169	20 p3496 A67-36214 #	20 p3367 A67-36259 #
19 p3330 A67-36080*	20 p3479 A67-36125 #	20 p3487 A67-36170*	20 p3496 A67-36215 #	20 p3368 A67-36260 #
19 p3330 A67-36081*	20 p3492 A67-36126 #	20 p3456 A67-36171	20 p3457 A67-36216 #	20 p3368 A67-36261 #
19 p3330 A67-36082	20 p3492 A67-36127 #	20 p3456 A67-36172	20 p3506 A67-36217 #	20 p3368 A67-36262 #
19 p3331 A67-36083*	20 p3492 A67-36128	20 p3504 A67-36173	20 p3506 A67-36218 #	20 p3368 A67-36263 #
19 p3331 A67-36084*	20 p3492 A67-36129	20 p3483 A67-36174*	20 p3506 A67-36219 #	20 p3374 A67-36264 #
19 p3331 A67-36085*	20 p3492 A67-36130	20 p3457 A67-36175	20 p3464 A67-36220 #	20 p3368 A67-36265 #

ACCESSION NUMBER INDEX

20 p3368 A67-36266 #	20 p3496 A67-36311	20 p3439 A67-36356	20 p3483 A67-36401	20 p3536 A67-36446 #
20 p3368 A67-36267 #	20 p3496 A67-36312	20 p3440 A67-36357	20 p3508 A67-36402	20 p3536 A67-36447 #
20 p3368 A67-36268 #	20 p3395 A67-36313	20 p3440 A67-36358	20 p3508 A67-36403	20 p3515 A67-36448 #
20 p3368 A67-36269 #	20 p3395 A67-36314	20 p3440 A67-36359	20 p3508 A67-36404	20 p3544 A67-36449 #
20 p3369 A67-36270 #	20 p3395 A67-36315	20 p3440 A67-36360*	20 p3508 A67-36405	20 p3544 A67-36450 #
20 p3496 A67-36271 #	20 p3362 A67-36316	20 p3440 A67-36361	20 p3508 A67-36406	20 p3515 A67-36451 #
20 p3496 A67-36272 #	20 p3420 A67-36317 #	20 p3440 A67-36362	20 p3515 A67-36407	20 p3483 A67-36452
20 p3453 A67-36273 #	20 p3507 A67-36318	20 p3440 A67-36363	20 p3356 A67-36408	20 p3473 A67-36453
20 p3515 A67-36274 #	20 p3507 A67-36319	20 p3441 A67-36364	20 p3531 A67-36409	20 p3360 A67-36454
20 p3543 A67-36275 #	20 p3395 A67-36320	20 p3441 A67-36365	20 p3453 A67-36410	20 p3361 A67-36455
20 p3419 A67-36276 #	20 p3396 A67-36321	20 p3362 A67-36366	20 p3531 A67-36411	20 p3475 A67-36456 #
20 p3420 A67-36277 #	20 p3396 A67-36322	20 p3427 A67-36367	20 p3531 A67-36412	20 p3441 A67-36457
20 p3356 A67-36278 #	20 p3435 A67-36323	20 p3427 A67-36368	20 p3413 A67-36413	20 p3442 A67-36458
20 p3535 A67-36279 #	20 p3507 A67-36324	20 p3427 A67-36369	20 p3413 A67-36414	20 p3483 A67-36459
20 p3425 A67-36280	20 p3457 A67-36325	20 p3427 A67-36370	20 p3536 A67-36415	20 p3442 A67-36460
20 p3425 A67-36281	20 p3457 A67-36326	20 p3517 A67-36371	20 p3536 A67-36416	20 p3442 A67-36461
20 p3379 A67-36282	20 p3396 A67-36327	20 p3427 A67-36372	20 p3464 A67-36417	20 p3536 A67-36462
20 p3425 A67-36283	20 p3507 A67-36328	20 p3428 A67-36373	20 p3536 A67-36418 #	20 p3390 A67-36463
20 p3517 A67-36284	20 p3496 A67-36329	20 p3428 A67-36374	20 p3536 A67-36419 #	20 p3413 A67-36464
20 p3426 A67-36285*	20 p3507 A67-36330	20 p3428 A67-36375	20 p3420 A67-36420 #	20 p3390 A67-36465
20 p3480 A67-36286	20 p3407 A67-36331	20 p3428 A67-36376	20 p3356 A67-36421 #	20 p3442 A67-36466
20 p3426 A67-36287	20 p3407 A67-36332	20 p3396 A67-36377 #	20 p3543 A67-36422 #	20 p3442 A67-36467
20 p3426 A67-36288	20 p3457 A67-36333	20 p3396 A67-36378 #	20 p3508 A67-36423 #	20 p3442 A67-36468
20 p3426 A67-36289	20 p3436 A67-36334	20 p3396 A67-36379 #	20 p3508 A67-36424 #	20 p3443 A67-36469*
20 p3480 A67-36290	20 p3437 A67-36335	20 p3379 A67-36380 #	20 p3508 A67-36425 #	20 p3531 A67-36470
20 p3426 A67-36291*	20 p3437 A67-36336	20 p3380 A67-36381 #	20 p3508 A67-36426 #	20 p3443 A67-36471
20 p3379 A67-36292	20 p3437 A67-36337*	20 p3407 A67-36382 #	20 p3458 A67-36427 #	20 p3453 A67-36472
20 p3379 A67-36293	20 p3437 A67-36338	20 p3441 A67-36383 #	20 p3543 A67-36428	20 p3509 A67-36473
20 p3426 A67-36294*	20 p3437 A67-36339	20 p3457 A67-36384	20 p3536 A67-36429	20 p3443 A67-36474
20 p3521 A67-36295	20 p3437 A67-36340	20 p3457 A67-36385	20 p3497 A67-36430	20 p3537 A67-36475
20 p3521 A67-36296	20 p3437 A67-36341	20 p3457 A67-36386	20 p3458 A67-36431 #	20 p3537 A67-36476
20 p3521 A67-36297	20 p3438 A67-36342	20 p3458 A67-36387	20 p3458 A67-36432 #	20 p3464 A67-36477
20 p3521 A67-36298	20 p3438 A67-36343	20 p3458 A67-36388	20 p3509 A67-36433 #	20 p3464 A67-36478
20 p3395 A67-36299	20 p3438 A67-36344*	20 p3458 A67-36389	20 p3475 A67-36434	20 p3465 A67-36479
20 p3555 A67-36300	20 p3438 A67-36345	20 p3508 A67-36390	20 p3458 A67-36435	20 p3473 A67-36480
20 p3426 A67-36301*	20 p3438 A67-36346	20 p3458 A67-36391	20 p3488 A67-36436	20 p3475 A67-36481
20 p3426 A67-36302	20 p3438 A67-36347	20 p3535 A67-36392	20 p3488 A67-36437	20 p3475 A67-36482
20 p3521 A67-36303	20 p3438 A67-36348	20 p3420 A67-36393	20 p3488 A67-36438	20 p3428 A67-36483 #
20 p3427 A67-36304*	20 p3438 A67-36349	20 p3420 A67-36394	20 p3356 A67-36439 #	20 p3556 A67-36484*
20 p3427 A67-36305*	20 p3439 A67-36350	20 p3420 A67-36395	20 p3407 A67-36440 #	20 p3515 A67-36485
20 p3517 A67-36306	20 p3439 A67-36351	20 p3543 A67-36396	20 p3420 A67-36441 #	20 p3465 A67-36486
20 p3531 A67-36307	20 p3439 A67-36352	20 p3497 A67-36397	20 p3356 A67-36442 #	20 p3516 A67-36487
20 p3521 A67-36308	20 p3439 A67-36353	20 p3508 A67-36398	20 p3356 A67-36443 #	20 p3380 A67-36488 #
20 p3521 A67-36309	20 p3439 A67-36354	20 p3441 A67-36399	20 p3363 A67-36444 #	20 p3497 A67-36489 #
20 p3427 A67-36310	20 p3439 A67-36355	20 p3441 A67-36400	20 p3536 A67-36445 #	20 p3396 A67-36490 #

ACCESSION NUMBER INDEX

20 p3509 A67-36491 #	20 p3414 A67-36536 #	20 p3381 A67-36581 #	20 p3523 A67-36626 #	20 p3374 A67-36671 #
20 p3458 A67-36492 #	20 p3445 A67-36537 #	20 p3374 A67-36582*#	20 p3523 A67-36627 #	20 p3538 A67-36672*
20 p3396 A67-36493 #	20 p3414 A67-36538 #	20 p3397 A67-36583 #	20 p3523 A67-36628 #	20 p3538 A67-36673
20 p3458 A67-36494 #	20 p3531 A67-36539*#	20 p3533 A67-36584 #	20 p3523 A67-36629 #	20 p3538 A67-36674*
20 p3537 A67-36495	20 p3445 A67-36540*#	20 p3363 A67-36585*#	20 p3523 A67-36630 #	20 p3476 A67-36675
20 p3465 A67-36496	20 p3445 A67-36541*#	20 p3454 A67-36586 #	20 p3420 A67-36631 #	20 p3538 A67-36676
20 p3414 A67-36497	20 p3380 A67-36542 #	20 p3556 A67-36587*#	20 p3446 A67-36632 #	20 p3497 A67-36677
20 p3361 A67-36498	20 p3380 A67-36543 #	20 p3445 A67-36588 #	20 p3361 A67-36633	20 p3421 A67-36678
20 p3361 A67-36499	20 p3415 A67-36544 #	20 p3446 A67-36589 #	20 p3465 A67-36634	20 p3497 A67-36679
20 p3453 A67-36500	20 p3556 A67-36545	20 p3454 A67-36590 #	20 p3465 A67-36635	20 p3497 A67-36680
20 p3521 A67-36501*	20 p3484 A67-36546 #	20 p3381 A67-36591*#	20 p3465 A67-36636	20 p3497 A67-36681
20 p3475 A67-36502 #	20 p3445 A67-36547 #	20 p3381 A67-36592 #	20 p3466 A67-36637	20 p3497 A67-36682
20 p3459 A67-36503 #	20 p3374 A67-36548 #	20 p3415 A67-36593 #	20 p3466 A67-36638	20 p3498 A67-36683
20 p3480 A67-36504 #	20 p3391 A67-36549 #	20 p3363 A67-36594 #	20 p3459 A67-36639	20 p3498 A67-36684
20 p3480 A67-36505 #	20 p3380 A67-36550 #	20 p3459 A67-36595*#	20 p3544 A67-36640 #	20 p3498 A67-36685
20 p3509 A67-36506*	20 p3415 A67-36551 #	20 p3473 A67-36596 #	20 p3537 A67-36641 #	20 p3498 A67-36686
20 p3509 A67-36507*	20 p3532 A67-36552*#	20 p3391 A67-36597*#	20 p3537 A67-36642 #	20 p3498 A67-36687
20 p3509 A67-36508*	20 p3481 A67-36553 #	20 p3521 A67-36598 #	20 p3397 A67-36643	20 p3459 A67-36688
20 p3356 A67-36509 #	20 p3445 A67-36554 #	20 p3420 A67-36599 #	20 p3459 A67-36644	20 p3459 A67-36689
20 p3396 A67-36510	20 p3415 A67-36555 #	20 p3361 A67-36600 #	20 p3473 A67-36645	20 p3509 A67-36690
20 p3390 A67-36511	20 p3532 A67-36556 #	20 p3533 A67-36601 #	20 p3537 A67-36646*	20 p3498 A67-36691
20 p3363 A67-36512	20 p3532 A67-36557 #	20 p3556 A67-36602*#	20 p3523 A67-36647	20 p3498 A67-36692
20 p3443 A67-36513*	20 p3484 A67-36558 #	20 p3397 A67-36603 #	20 p3523 A67-36648*	20 p3498 A67-36693
20 p3443 A67-36514	20 p3380 A67-36559 #	20 p3381 A67-36604 #	20 p3524 A67-36649*	20 p3488 A67-36694
20 p3443 A67-36515	20 p3532 A67-36560 #	20 p3481 A67-36605 #	20 p3484 A67-36650	20 p3484 A67-36695*#
20 p3414 A67-36516	20 p3380 A67-36561 #	20 p3446 A67-36606 #	20 p3475 A67-36651	20 p3397 A67-36696 #
20 p3443 A67-36517*	20 p3356 A67-36562 #	20 p3465 A67-36607 #	20 p3475 A67-36652	20 p3416 A67-36697
20 p3454 A67-36518	20 p3380 A67-36563 #	20 p3397 A67-36608 #	20 p3518 A67-36653*	20 p3416 A67-36698
20 p3459 A67-36519	20 p3532 A67-36564 #	20 p3415 A67-36609 #	20 p3524 A67-36654*	20 p3538 A67-36699
20 p3444 A67-36520	20 p3482 A67-36565*#	20 p3446 A67-36610*#	20 p3446 A67-36655*	20 p3376 A67-36700*
20 p3444 A67-36521*	20 p3381 A67-36566*#	20 p3374 A67-36611 #	20 p3369 A67-36656*	20 p3421 A67-36701 #
20 p3537 A67-36522	20 p3381 A67-36567 #	20 p3415 A67-36612 #	20 p3369 A67-36657*	20 p3447 A67-36702 #
20 p3444 A67-36523*	20 p3445 A67-36568 #	20 p3533 A67-36613 #	20 p3524 A67-36658 #	20 p3544 A67-36703 #
20 p3444 A67-36524*	20 p3415 A67-36569 #	20 p3381 A67-36614 #	20 p3524 A67-36659 #	20 p3544 A67-36704 #
20 p3444 A67-36525*	20 p3381 A67-36570 #	20 p3522 A67-36615 #	20 p3524 A67-36660 #	20 p3544 A67-36705 #
20 p3444 A67-36526	20 p3482 A67-36571*#	20 p3522 A67-36616 #	20 p3524 A67-36661 #	20 p3544 A67-36706 #
20 p3397 A67-36527	20 p3532 A67-36572 #	20 p3522 A67-36617 #	20 p3488 A67-36662*	20 p3545 A67-36707 #
20 p3397 A67-36528	20 p3532 A67-36573 #	20 p3522 A67-36618 #	20 p3446 A67-36663	20 p3545 A67-36708 #
20 p3444 A67-36529	20 p3391 A67-36574 #	20 p3522 A67-36619 #	20 p3446 A67-36664	20 p3545 A67-36709 #
20 p3445 A67-36530	20 p3454 A67-36575 #	20 p3522 A67-36620 #	20 p3488 A67-36665*	20 p3545 A67-36710 #
20 p3497 A67-36531	20 p3481 A67-36576 #	20 p3522 A67-36621 #	20 p3454 A67-36666	20 p3545 A67-36711 #
20 p3517 A67-36532	20 p3532 A67-36577 #	20 p3522 A67-36622 #	20 p3476 A67-36667 #	20 p3545 A67-36712 #
20 p3356 A67-36533 #	20 p3516 A67-36578*#	20 p3522 A67-36623 #	20 p3369 A67-36668 #	20 p3545 A67-36713 #
20 p3414 A67-36534 #	20 p3415 A67-36579 #	20 p3523 A67-36624 #	20 p3369 A67-36669 #	20 p3545 A67-36714 #
20 p3414 A67-36535 #	20 p3397 A67-36580 #	20 p3523 A67-36625 #	20 p3369 A67-36670 #	20 p3546 A67-36715 #

ACCESSION NUMBER INDEX

20 p3546 A67-36716 #	20 p3510 A67-36761 #	20 p3447 A67-36806	20 p3459 A67-36851	20 p3429 A67-36896*
20 p3546 A67-36717 #	20 p3428 A67-36762 #	20 p3447 A67-36807	20 p3448 A67-36852	20 p3430 A67-36897
20 p3546 A67-36718 #	20 p3382 A67-36763 #	20 p3499 A67-36808	20 p3510 A67-36853	20 p3480 A67-36898
20 p3546 A67-36719 #	20 p3369 A67-36764*	20 p3407 A67-36809 #	20 p3460 A67-36854	20 p3430 A67-36899
20 p3546 A67-36720 #	20 p3416 A67-36765	20 p3357 A67-36810 #	20 p3460 A67-36855	20 p3430 A67-36900
20 p3357 A67-36721*#	20 p3454 A67-36766*	20 p3421 A67-36811 #	20 p3510 A67-36856	20 p3430 A67-36901*
20 p3546 A67-36722*#	20 p3447 A67-36767	20 p3421 A67-36812 #	20 p3510 A67-36857	20 p3430 A67-36902
20 p3547 A67-36723*#	20 p3459 A67-36768	20 p3510 A67-36813 #	20 p3460 A67-36858	20 p3430 A67-36903
20 p3547 A67-36724 #	20 p3397 A67-36769	20 p3428 A67-36814 #	20 p3460 A67-36859	20 p3430 A67-36904
20 p3547 A67-36725 #	20 p3398 A67-36770	20 p3551 A67-36815 #	20 p3460 A67-36860*	20 p3430 A67-36905
20 p3547 A67-36726 #	20 p3398 A67-36771	20 p3510 A67-36816 #	20 p3382 A67-36861	20 p3430 A67-36906
20 p3547 A67-36727 #	20 p3398 A67-36772	20 p3551 A67-36817 #	20 p3382 A67-36862	20 p3430 A67-36907
20 p3547 A67-36728 #	20 p3398 A67-36773	20 p3371 A67-36818*	20 p3398 A67-36863	20 p3431 A67-36908
20 p3547 A67-36729 #	20 p3382 A67-36774	20 p3398 A67-36819	20 p3382 A67-36864	20 p3466 A67-36909 #
20 p3548 A67-36730 #	20 p3398 A67-36775 #	20 p3391 A67-36820	20 p3466 A67-36865 #	20 p3466 A67-36910 #
20 p3548 A67-36731*#	20 p3382 A67-36776 #	20 p3484 A67-36821	20 p3485 A67-36866 #	20 p3466 A67-36911 #
20 p3548 A67-36732 #	20 p3382 A67-36777 #	20 p3371 A67-36822	20 p3525 A67-36867	20 p3466 A67-36912 #
20 p3548 A67-36733*#	20 p3538 A67-36778*	20 p3480 A67-36823	20 p3525 A67-36868	20 p3466 A67-36913 #
20 p3548 A67-36734 #	20 p3473 A67-36779*	20 p3421 A67-36824 #	20 p3525 A67-36869	20 p3473 A67-36914*
20 p3548 A67-36735*#	20 p3538 A67-36780	20 p3552 A67-36825	20 p3429 A67-36870	20 p3488 A67-36915*
20 p3447 A67-36736 #	20 p3421 A67-36781*	20 p3552 A67-36826	20 p3429 A67-36871	20 p3510 A67-36916*
20 p3548 A67-36737*#	20 p3476 A67-36782	20 p3552 A67-36827	20 p3518 A67-36872	20 p3485 A67-36917 #
20 p3549 A67-36738*#	20 p3476 A67-36783	20 p3552 A67-36828	20 p3375 A67-36873	20 p3538 A67-36918 #
20 p3447 A67-36739 #	20 p3476 A67-36784	20 p3552 A67-36829	20 p3376 A67-36874*	20 p3539 A67-36919 #
20 p3549 A67-36740*#	20 p3407 A67-36785	20 p3552 A67-36830*	20 p3448 A67-36875 #	20 p3539 A67-36920 #
20 p3549 A67-36741 #	20 p3480 A67-36786	20 p3552 A67-36831	20 p3448 A67-36876 #	20 p3539 A67-36921 #
20 p3549 A67-36742 #	20 p3476 A67-36787	20 p3552 A67-36832	20 p3376 A67-36877*	20 p3485 A67-36922 #
20 p3549 A67-36743 #	20 p3476 A67-36788	20 p3552 A67-36833*	20 p3516 A67-36878	20 p3539 A67-36923 #
20 p3549 A67-36744*#	20 p3477 A67-36789	20 p3524 A67-36834	20 p3399 A67-36879	20 p3539 A67-36924 #
20 p3549 A67-36745*#	20 p3477 A67-36790	20 p3484 A67-36835	20 p3515 A67-36880*	20 p3375 A67-36925
20 p3549 A67-36746 #	20 p3369 A67-36791*	20 p3484 A67-36836	20 p3516 A67-36881	20 p3399 A67-36926
20 p3550 A67-36747 #	20 p3376 A67-36792*	20 p3398 A67-36837	20 p3399 A67-36882	20 p3371 A67-36927*
20 p3550 A67-36748*#	20 p3421 A67-36793 #	20 p3429 A67-36838 #	20 p3399 A67-36883	20 p3485 A67-36928
20 p3550 A67-36749 #	20 p3357 A67-36794 #	20 p3524 A67-36839 #	20 p3399 A67-36884	20 p3485 A67-36929
20 p3550 A67-36750*#	20 p3370 A67-36795*	20 p3447 A67-36840*	20 p3553 A67-36885*	20 p3485 A67-36930
20 p3550 A67-36751*#	20 p3370 A67-36796*	20 p3518 A67-36841 #	20 p3454 A67-36886	20 p3488 A67-36931*#
20 p3498 A67-36752 #	20 p3370 A67-36797*	20 p3473 A67-36842 #	20 p3375 A67-36887	20 p3391 A67-36932
20 p3550 A67-36753 #	20 p3370 A67-36798*	20 p3421 A67-36843 #	20 p3382 A67-36888	20 p3477 A67-36933
20 p3550 A67-36754 #	20 p3370 A67-36799*	20 p3421 A67-36844 #	20 p3383 A67-36889	20 p3553 A67-36934
20 p3551 A67-36755 #	20 p3398 A67-36800	20 p3422 A67-36845 #	20 p3429 A67-36890	20 p3553 A67-36935
20 p3551 A67-36756 #	20 p3363 A67-36801	20 p3447 A67-36846 #	20 p3429 A67-36891	20 p3553 A67-36936
20 p3551 A67-36757 #	20 p3374 A67-36802*	20 p3422 A67-36847 #	20 p3429 A67-36892	20 p3553 A67-36937
20 p3551 A67-36758 #	20 p3374 A67-36803	20 p3553 A67-36848 #	20 p3525 A67-36893	20 p3553 A67-36938
20 p3551 A67-36759 #	20 p3375 A67-36804	20 p3357 A67-36849 #	20 p3448 A67-36894	20 p3489 A67-36939
20 p3447 A67-36760 #	20 p3370 A67-36805	20 p3499 A67-36850 #	20 p3429 A67-36895	20 p3553 A67-36940

ACCESSION NUMBER INDEX

20 p3422 A67-36941*	20 p3450 A67-36986 #	20 p3511 A67-37031 #	20 p3408 A67-37076	20 p3467 A67-37121
20 p3477 A67-36942 #	20 p3417 A67-36987*	20 p3376 A67-37032*	20 p3408 A67-37077*	20 p3467 A67-37122
20 p3525 A67-36943*	20 p3417 A67-36988*	20 p3372 A67-37033*	20 p3358 A67-37078	20 p3468 A67-37123
20 p3499 A67-36944	20 p3392 A67-36989	20 p3477 A67-37034 #	20 p3358 A67-37079 #	20 p3359 A67-37124*
20 p3499 A67-36945	20 p3417 A67-36990	20 p3477 A67-37035 #	20 p3358 A67-37080 #	20 p3533 A67-37125*
20 p3518 A67-36946*	20 p3392 A67-36991	20 p3477 A67-37036 #	20 p3358 A67-37081 #	20 p3526 A67-37126
20 p3525 A67-36947	20 p3499 A67-36992	20 p3454 A67-37037 #	20 p3516 A67-37082 #	20 p3526 A67-37127
20 p3525 A67-36948 #	20 p3518 A67-36993	20 p3454 A67-37038 #	20 p3358 A67-37083 #	20 p3359 A67-37128 #
20 p3525 A67-36949 #	20 p3431 A67-36994	20 p3408 A67-37039 #	20 p3516 A67-37084 #	20 p3364 A67-37129*
20 p3399 A67-36950	20 p3485 A67-36995	20 p3408 A67-37040 #	20 p3358 A67-37085 #	20 p3516 A67-37130
20 p3499 A67-36951	20 p3481 A67-36996*	20 p3408 A67-37041 #	20 p3423 A67-37086	20 p3516 A67-37131
20 p3357 A67-36952	20 p3525 A67-36997	20 p3408 A67-37042 #	20 p3500 A67-37087	20 p3554 A67-37132
20 p3357 A67-36953*	20 p3518 A67-36998	20 p3408 A67-37043 #	20 p3518 A67-37088	20 p3533 A67-37133 #
20 p3454 A67-36954	20 p3460 A67-36999	20 p3408 A67-37044 #	20 p3486 A67-37089*	20 p3377 A67-37134
20 p3448 A67-36955	20 p3372 A67-37000*	20 p3408 A67-37045 #	20 p3489 A67-37090	20 p3377 A67-37135*
20 p3383 A67-36956	20 p3539 A67-37001*	20 p3408 A67-37046 #	20 p3486 A67-37091	20 p3377 A67-37136*
20 p3482 A67-36957	20 p3422 A67-37002	20 p3500 A67-37047 #	20 p3518 A67-37092	20 p3450 A67-37137
20 p3363 A67-36958	20 p3357 A67-37003*	20 p3500 A67-37048 #	20 p3489 A67-37093*	20 p3377 A67-37138
20 p3499 A67-36959*	20 p3485 A67-37004	20 p3500 A67-37049 #	20 p3376 A67-37094	20 p3377 A67-37139*
20 p3448 A67-36960	20 p3486 A67-37005	20 p3500 A67-37050 #	20 p3423 A67-37095	20 p3511 A67-37140 #
20 p3510 A67-36961*	20 p3539 A67-37006*	20 p3500 A67-37051 #	20 p3431 A67-37096	20 p3511 A67-37141 #
20 p3372 A67-36962*	20 p3539 A67-37007	20 p3357 A67-37052 #	20 p3431 A67-37097	20 p3501 A67-37142 #
20 p3372 A67-36963*	20 p3539 A67-37008	20 p3422 A67-37053 #	20 p3431 A67-37098	20 p3511 A67-37143 #
20 p3431 A67-36964	20 p3539 A67-37009	20 p3554 A67-37054 #	20 p3525 A67-37099	20 p3511 A67-37144 #
20 p3480 A67-36965	20 p3399 A67-37010	20 p3554 A67-37055 #	20 p3431 A67-37100	20 p3501 A67-37145 #
20 p3480 A67-36966	20 p3363 A67-37011*	20 p3540 A67-37056 #	20 p3519 A67-37101	20 p3460 A67-37146 #
20 p3466 A67-36967 #	20 p3363 A67-37012	20 p3540 A67-37057 #	20 p3431 A67-37102	20 p3511 A67-37147 #
20 p3467 A67-36968 #	20 p3363 A67-37013	20 p3540 A67-37058 #	20 p3450 A67-37103	20 p3451 A67-37148 #
20 p3416 A67-36969*	20 p3363 A67-37014	20 p3540 A67-37059 #	20 p3450 A67-37104	20 p3460 A67-37149 #
20 p3416 A67-36970	20 p3364 A67-37015	20 p3486 A67-37060 #	20 p3489 A67-37105	20 p3400 A67-37150 #
20 p3416 A67-36971	20 p3364 A67-37016	20 p3500 A67-37061 #	20 p3460 A67-37106	20 p3451 A67-37151 #
20 p3391 A67-36972	20 p3364 A67-37017*	20 p3500 A67-37062 #	20 p3383 A67-37107	20 p3451 A67-37152 #
20 p3417 A67-36973	20 p3364 A67-37018	20 p3422 A67-37063 #	20 p3383 A67-37108	20 p3392 A67-37153 #
20 p3417 A67-36974*	20 p3364 A67-37019	20 p3422 A67-37064 #	20 p3409 A67-37109	20 p3451 A67-37154 #
20 p3417 A67-36975*	20 p3540 A67-37020	20 p3422 A67-37065 #	20 p3409 A67-37110 #	20 p3451 A67-37155 #
20 p3391 A67-36976*	20 p3540 A67-37021	20 p3423 A67-37066 #	20 p3477 A67-37111 #	20 p3451 A67-37156 #
20 p3533 A67-36977*	20 p3450 A67-37022	20 p3554 A67-37067 #	20 p3409 A67-37112 #	20 p3451 A67-37157 #
20 p3448 A67-36978*	20 p3383 A67-37023	20 p3554 A67-37068 #	20 p3409 A67-37113 #	20 p3451 A67-37158 #
20 p3449 A67-36979*#	20 p3460 A67-37024	20 p3399 A67-37069 #	20 p3399 A67-37114 #	20 p3377 A67-37159*
20 p3449 A67-36980 #	20 p3510 A67-37025	20 p3383 A67-37070 #	20 p3467 A67-37115	20 p3372 A67-37160*
20 p3449 A67-36981 #	20 p3372 A67-37026*	20 p3383 A67-37071 #	20 p3467 A67-37116	20 p3423 A67-37161 #
20 p3449 A67-36982 #	20 p3450 A67-37027	20 p3408 A67-37072 #	20 p3467 A67-37117	20 p3392 A67-37162 #
20 p3449 A67-36983 #	20 p3499 A67-37028	20 p3408 A67-37073 #	20 p3467 A67-37118	20 p3400 A67-37163 #
20 p3449 A67-36984 #	20 p3477 A67-37029 #	20 p3408 A67-37074*	20 p3467 A67-37119	20 p3556 A67-37164 #
20 p3450 A67-36985 #	20 p3450 A67-37030 #	20 p3408 A67-37075*	20 p3467 A67-37120	20 p3359 A67-37165 #

ACCESSION NUMBER INDEX

20 p3533 A67-37166	20 p3478 A67-37211	20 p3423 A67-37256	20 p3512 A67-37301 #	20 p3512 A67-37346*#
20 p3481 A67-37167	20 p3478 A67-37212	20 p3534 A67-37257	20 p3424 A67-37302 #	20 p3512 A67-37347*#
20 p3517 A67-37168 #	20 p3423 A67-37213 #	20 p3527 A67-37258	20 p3554 A67-37303 #	20 p3384 A67-37348
20 p3418 A67-37169 #	20 p3384 A67-37214	20 p3527 A67-37259*	20 p3501 A67-37304 #	20 p3384 A67-37349*
20 p3361 A67-37170 #	20 p3384 A67-37215	20 p3418 A67-37260	20 p3501 A67-37305 #	20 p3385 A67-37350*
20 p3364 A67-37171 #	20 p3400 A67-37216	20 p3455 A67-37261	20 p3359 A67-37306 #	20 p3385 A67-37351*
20 p3526 A67-37172*	20 p3400 A67-37217	20 p3455 A67-37262	20 p3365 A67-37307 #	20 p3385 A67-37352*
20 p3526 A67-37173*	20 p3501 A67-37218	20 p3455 A67-37263	20 p3451 A67-37308 #	20 p3385 A67-37353*
20 p3432 A67-37174*	20 p3400 A67-37219	20 p3455 A67-37264	20 p3451 A67-37309	20 p3385 A67-37354
20 p3468 A67-37175 #	20 p3401 A67-37220	20 p3455 A67-37265	20 p3452 A67-37310	20 p3385 A67-37355
20 p3468 A67-37176 #	20 p3401 A67-37221	20 p3455 A67-37266	20 p3452 A67-37311	20 p3385 A67-37356
20 p3468 A67-37177 #	20 p3409 A67-37222	20 p3474 A67-37267	20 p3452 A67-37312	20 p3401 A67-37357
20 p3468 A67-37178 #	20 p3409 A67-37223 #	20 p3474 A67-37268	20 p3418 A67-37313	20 p3469 A67-37358
20 p3468 A67-37179 #	20 p3392 A67-37224 #	20 p3474 A67-37269	20 p3455 A67-37314	20 p3469 A67-37359
20 p3468 A67-37180 #	20 p3409 A67-37225 #	20 p3474 A67-37270	20 p3401 A67-37315*	20 p3365 A67-37360
20 p3501 A67-37181	20 p3410 A67-37226 #	20 p3554 A67-37271	20 p3556 A67-37316*	20 p3365 A67-37361 #
20 p3461 A67-37182	20 p3410 A67-37227 #	20 p3527 A67-37272	20 p3512 A67-37317	20 p3365 A67-37362 #
20 p3461 A67-37183	20 p3410 A67-37228 #	20 p3486 A67-37273	20 p3541 A67-37318	20 p3365 A67-37363 #
20 p3461 A67-37184	20 p3410 A67-37229 #	20 p3527 A67-37274	20 p3410 A67-37319	20 p3365 A67-37364*#
20 p3461 A67-37185	20 p3410 A67-37230 #	20 p3432 A67-37275	20 p3410 A67-37320	20 p3366 A67-37365 #
20 p3400 A67-37186 #	20 p3410 A67-37231 #	20 p3375 A67-37276	20 p3411 A67-37321	20 p3469 A67-37366 #
20 p3400 A67-37187 #	20 p3410 A67-37232 #	20 p3372 A67-37277*	20 p3384 A67-37322 #	20 p3366 A67-37367 #
20 p3400 A67-37188 #	20 p3410 A67-37233 #	20 p3423 A67-37278	20 p3384 A67-37323 #	20 p3366 A67-37368 #
20 p3400 A67-37189 #	20 p3410 A67-37234 #	20 p3486 A67-37279	20 p3452 A67-37324 #	20 p3366 A67-37369 #
20 p3400 A67-37190 #	20 p3410 A67-37235 #	20 p3424 A67-37280	20 p3384 A67-37325 #	20 p3366 A67-37370 #
20 p3383 A67-37191 #	20 p3481 A67-37236 #	20 p3540 A67-37281	20 p3384 A67-37326 #	20 p3366 A67-37371 #
20 p3383 A67-37192 #	20 p3384 A67-37237 #	20 p3540 A67-37282	20 p3401 A67-37327 #	20 p3411 A67-37372
20 p3400 A67-37193 #	20 p3432 A67-37238 #	20 p3541 A67-37283	20 p3462 A67-37328 #	20 p3411 A67-37373 #
20 p3392 A67-37194 #	20 p3501 A67-37239	20 p3541 A67-37284	20 p3462 A67-37329 #	20 p3411 A67-37374 #
20 p3477 A67-37195 #	20 p3511 A67-37240	20 p3541 A67-37285	20 p3401 A67-37330 #	20 p3411 A67-37375 #
20 p3392 A67-37196 #	20 p3511 A67-37241	20 p3461 A67-37286 #	20 p3401 A67-37331 #	20 p3385 A67-37376 #
20 p3384 A67-37197 #	20 p3423 A67-37242	20 p3461 A67-37287 #	20 p3384 A67-37332 #	20 p3361 A67-37377 #
20 p3409 A67-37198 #	20 p3512 A67-37243	20 p3512 A67-37288 #	20 p3384 A67-37333 #	20 p3412 A67-37378 #
20 p3409 A67-37199 #	20 p3364 A67-37244 #	20 p3461 A67-37289*#	20 p3384 A67-37334 #	20 p3412 A67-37379 #
20 p3409 A67-37200 #	20 p3364 A67-37245 #	20 p3461 A67-37290 #	20 p3384 A67-37335 #	20 p3481 A67-37380 #
20 p3409 A67-37201 #	20 p3455 A67-37246 #	20 p3501 A67-37291 #	20 p3401 A67-37336 #	20 p3482 A67-37381 #
20 p3481 A67-37202 #	20 p3468 A67-37247	20 p3461 A67-37292 #	20 p3401 A67-37337 #	20 p3412 A67-37382 #
20 p3400 A67-37203	20 p3469 A67-37248	20 p3501 A67-37293 #	20 p3462 A67-37338 #	20 p3469 A67-37383
20 p3432 A67-37204	20 p3526 A67-37249*	20 p3501 A67-37294 #	20 p3462 A67-37339 #	20 p3469 A67-37384
20 p3432 A67-37205 #	20 p3526 A67-37250	20 p3461 A67-37295 #	20 p3462 A67-37340 #	20 p3469 A67-37385
20 p3359 A67-37206	20 p3410 A67-37251	20 p3501 A67-37296 #	20 p3401 A67-37341 #	20 p3470 A67-37386
20 p3486 A67-37207	20 p3410 A67-37252	20 p3534 A67-37297 #	20 p3469 A67-37342	20 p3470 A67-37387
20 p3432 A67-37208	20 p3526 A67-37253	20 p3541 A67-37298 #	20 p3359 A67-37343 #	20 p3470 A67-37388
20 p3423 A67-37209	20 p3526 A67-37254	20 p3541 A67-37299 #	20 p3424 A67-37344 #	20 p3470 A67-37389
20 p3540 A67-37210 #	20 p3554 A67-37255	20 p3451 A67-37300 #	20 p3424 A67-37345 #	20 p3470 A67-37390

ACCESSION NUMBER INDEX

20 p3470 A67-37391	20 p3512 A67-37436	20 p3386 A67-37481	20 p3529 A67-37526	20 p3452 A67-37571
20 p3527 A67-37392*	20 p3513 A67-37437	20 p3418 A67-37482	20 p3530 A67-37527	20 p3452 A67-37572
20 p3527 A67-37393*	20 p3513 A67-37438	20 p3359 A67-37483	20 p3502 A67-37528	20 p3452 A67-37573
20 p3527 A67-37394*	20 p3513 A67-37439	20 p3517 A67-37484	20 p3361 A67-37529 #	20 p3478 A67-37574
20 p3519 A67-37395	20 p3513 A67-37440	20 p3541 A67-37485	20 p3362 A67-37530*#	20 p3478 A67-37575*
20 p3519 A67-37396*	20 p3482 A67-37441 #	20 p3359 A67-37486	20 p3542 A67-37531 #	20 p3478 A67-37576*
20 p3377 A67-37397*	20 p3418 A67-37442 #	20 p3541 A67-37487	20 p3418 A67-37532 #	20 p3373 A67-37577*
20 p3474 A67-37398*	20 p3361 A67-37443 #	20 p3517 A67-37488	20 p3471 A67-37533 #	20 p3478 A67-37578
20 p3527 A67-37399	20 p3556 A67-37444 #	20 p3541 A67-37489	20 p3530 A67-37534	20 p3478 A67-37579 #
20 p3527 A67-37400	20 p3418 A67-37445 #	20 p3360 A67-37490	20 p3530 A67-37535	20 p3478 A67-37580 #
20 p3432 A67-37401*#	20 p3556 A67-37446 #	20 p3541 A67-37491	20 p3502 A67-37536	20 p3487 A67-37581 #
20 p3433 A67-37402*#	20 p3517 A67-37447 #	20 p3360 A67-37492	20 p3502 A67-37537	20 p3412 A67-37582 #
20 p3527 A67-37403 #	20 p3513 A67-37448 #	20 p3386 A67-37493	20 p3490 A67-37538	20 p3412 A67-37583 #
20 p3377 A67-37404 #	20 p3513 A67-37449 #	20 p3412 A67-37494*	20 p3542 A67-37539	20 p3373 A67-37584*
20 p3519 A67-37405*#	20 p3401 A67-37450 #	20 p3412 A67-37495*	20 p3542 A67-37540	20 p3490 A67-37585
20 p3519 A67-37406*#	20 p3513 A67-37451 #	20 p3386 A67-37496*	20 p3542 A67-37541	20 p3490 A67-37586
20 p3452 A67-37407*#	20 p3513 A67-37452 #	20 p3412 A67-37497*	20 p3456 A67-37542 #	20 p3490 A67-37587
20 p3519 A67-37408*#	20 p3514 A67-37453 #	20 p3386 A67-37498	20 p3375 A67-37543 #	20 p3471 A67-37588
20 p3433 A67-37409*#	20 p3401 A67-37454 #	20 p3378 A67-37499*	20 p3514 A67-37544 #	20 p3530 A67-37589
20 p3433 A67-37410 #	20 p3392 A67-37455	20 p3378 A67-37500*	20 p3366 A67-37545 #	20 p3502 A67-37590
20 p3433 A67-37411 #	20 p3392 A67-37456	20 p3486 A67-37501 #	20 p3424 A67-37546	20 p3462 A67-37591
20 p3519 A67-37412*#	20 p3393 A67-37457	20 p3529 A67-37502 #	20 p3462 A67-37547 #	20 p3404 A67-37592
20 p3433 A67-37413 #	20 p3393 A67-37458*	20 p3424 A67-37503 #	20 p3434 A67-37548 #	20 p3424 A67-37593 #
20 p3433 A67-37414 #	20 p3482 A67-37459	20 p3402 A67-37504	20 p3530 A67-37549 #	20 p3474 A67-37594
20 p3433 A67-37415*#	20 p3555 A67-37460	20 p3402 A67-37505 #	20 p3366 A67-37550	20 p3360 A67-37595 #
20 p3489 A67-37416*#	20 p3424 A67-37461	20 p3402 A67-37506 #	20 p3482 A67-37551	20 p3360 A67-37596 #
20 p3489 A67-37417*#	20 p3528 A67-37462 #	20 p3403 A67-37507 #	20 p3366 A67-37552	20 p3360 A67-37597 #
20 p3489 A67-37418*#	20 p3514 A67-37463 #	20 p3403 A67-37508 #	20 p3490 A67-37553*	20 p3453 A67-37598*
20 p3489 A67-37419*#	20 p3514 A67-37464	20 p3403 A67-37509 #	20 p3486 A67-37554 #	20 p3425 A67-37599*#
20 p3433 A67-37420*#	20 p3470 A67-37465	20 p3403 A67-37510 #	20 p3514 A67-37555 #	20 p3479 A67-37600*
20 p3434 A67-37421*#	20 p3375 A67-37466	20 p3542 A67-37511 #	20 p3452 A67-37556 #	20 p3471 A67-37601 #
20 p3434 A67-37422 #	20 p3528 A67-37467	20 p3542 A67-37512 #	20 p3502 A67-37557 #	20 p3514 A67-37602 #
20 p3434 A67-37423*#	20 p3378 A67-37468*	20 p3520 A67-37513 #	20 p3471 A67-37558 #	20 p3502 A67-37603 #
20 p3528 A67-37424*#	20 p3528 A67-37469*	20 p3529 A67-37514 #	20 p3462 A67-37559 #	20 p3502 A67-37604 #
20 p3434 A67-37425*#	20 p3528 A67-37470	20 p3529 A67-37515 #	20 p3378 A67-37560*	20 p3514 A67-37605 #
20 p3434 A67-37426 #	20 p3528 A67-37471*	20 p3529 A67-37516 #	20 p3378 A67-37561	20 p3386 A67-37606 #
20 p3502 A67-37427 #	20 p3528 A67-37472*	20 p3403 A67-37517 #	20 p3555 A67-37562	20 p3555 A67-37607 #
20 p3418 A67-37428 #	20 p3520 A67-37473	20 p3403 A67-37518 #	20 p3555 A67-37563	20 p3555 A67-37608 #
20 p3372 A67-37429*	20 p3520 A67-37474	20 p3403 A67-37519 #	20 p3462 A67-37564	20 p3555 A67-37609*#
20 p3434 A67-37430*	20 p3520 A67-37475	20 p3529 A67-37520 #	20 p3462 A67-37565	20 p3555 A67-37610 #
20 p3489 A67-37431*	20 p3520 A67-37476*	20 p3386 A67-37521 #	20 p3452 A67-37566*	20 p3542 A67-37611 #
20 p3373 A67-37432*	20 p3528 A67-37477*	20 p3520 A67-37522 #	20 p3490 A67-37567	20 p3490 A67-37612*
20 p3373 A67-37433	20 p3528 A67-37478*	20 p3386 A67-37523 #	20 p3514 A67-37568*	20 p3530 A67-37613*#
20 p3512 A67-37434	20 p3529 A67-37479*	20 p3386 A67-37524 #	20 p3514 A67-37569	20 p3534 A67-37614*#
20 p3512 A67-37435	20 p3529 A67-37480	20 p3373 A67-37525*	20 p3514 A67-37570	20 p3375 A67-37615*#

ACCESSION NUMBER INDEX

20 p3534 A67-37616*#	20 p3360 A67-37661 #	20 p3389 A67-37706 #	21 p3661 A67-37751	21 p3607 A67-37796*#
20 p3534 A67-37617 #	20 p3502 A67-37662 #	20 p3389 A67-37707 #	21 p3661 A67-37752*	21 p3712 A67-37797*#
20 p3534 A67-37618*#	20 p3502 A67-37663 #	20 p3389 A67-37708 #	21 p3662 A67-37753	21 p3687 A67-37798 #
20 p3556 A67-37619 #	20 p3542 A67-37664 #	20 p3389 A67-37709 #	21 p3662 A67-37754	21 p3610 A67-37799 #
20 p3534 A67-37620 #	20 p3530 A67-37665 #	20 p3389 A67-37710*#	21 p3662 A67-37755	21 p3610 A67-37800 #
20 p3535 A67-37621 #	20 p3462 A67-37666 #	20 p3503 A67-37711 #	21 p3662 A67-37756	21 p3712 A67-37801 #
20 p3557 A67-37622 #	20 p3520 A67-37667 #	20 p3407 A67-37712*#	21 p3662 A67-37757*	21 p3712 A67-37802 #
20 p3557 A67-37623*#	20 p3463 A67-37668 #	20 p3474 A67-37713	21 p3578 A67-37758	21 p3563 A67-37803 #
20 p3393 A67-37624 #	20 p3373 A67-37669*	20 p3475 A67-37714	21 p3610 A67-37759	21 p3607 A67-37804*#
20 p3419 A67-37625 #	20 p3503 A67-37670 #	20 p3515 A67-37715	21 p3610 A67-37760	21 p3563 A67-37805 #
20 p3530 A67-37626*#	20 p3503 A67-37671 #	20 p3515 A67-37716	21 p3662 A67-37761	21 p3607 A67-37806*#
20 p3387 A67-37627 #	20 p3503 A67-37672 #	20 p3515 A67-37717	21 p3662 A67-37762*	21 p3712 A67-37807 #
20 p3387 A67-37628*#	20 p3425 A67-37673 #	20 p3479 A67-37718 #	21 p3662 A67-37763	21 p3712 A67-37808 #
20 p3535 A67-37629 #	20 p3503 A67-37674 #	20 p3479 A67-37719 #	21 p3662 A67-37764	21 p3563 A67-37809 #
20 p3375 A67-37630*#	20 p3435 A67-37675*	20 p3479 A67-37720 #	21 p3663 A67-37765	21 p3610 A67-37810 #
20 p3530 A67-37631 #	20 p3503 A67-37676 #	20 p3543 A67-37721 #	21 p3700 A67-37766*	21 p3656 A67-37811 #
20 p3412 A67-37632	20 p3425 A67-37677 #	20 p3479 A67-37722 #	21 p3605 A67-37767	21 p3607 A67-37812 #
20 p3413 A67-37633	20 p3360 A67-37678 #	20 p3479 A67-37723	21 p3605 A67-37768 #	21 p3712 A67-37813 #
20 p3404 A67-37634 #	20 p3413 A67-37679 #	20 p3479 A67-37724	21 p3605 A67-37769 #	21 p3658 A67-37814*
20 p3404 A67-37635	20 p3542 A67-37680 #	20 p3479 A67-37725	21 p3606 A67-37770 #	21 p3676 A67-37815
20 p3404 A67-37636	20 p3542 A67-37681 #	20 p3479 A67-37726	21 p3610 A67-37771*#	21 p3676 A67-37816
20 p3387 A67-37637	20 p3453 A67-37682 #	20 p3390 A67-37727	21 p3606 A67-37772 #	21 p3676 A67-37817*
20 p3387 A67-37638	20 p3531 A67-37683 #	20 p3425 A67-37728	21 p3606 A67-37773*#	21 p3588 A67-37818
20 p3419 A67-37639	20 p3487 A67-37684 #	21 p3573 A67-37729*	21 p3606 A67-37774 #	21 p3589 A67-37819
20 p3404 A67-37640	20 p3487 A67-37685 #	21 p3624 A67-37730 #	21 p3606 A67-37775 #	21 p3589 A67-37820
20 p3387 A67-37641	20 p3491 A67-37686*	21 p3700 A67-37731 #	21 p3607 A67-37776 #	21 p3624 A67-37821
20 p3405 A67-37642	20 p3491 A67-37687	21 p3700 A67-37732*#	21 p3607 A67-37777 #	21 p3624 A67-37822
20 p3405 A67-37643	20 p3491 A67-37688*	21 p3700 A67-37733 #	21 p3607 A67-37778 #	21 p3610 A67-37823
20 p3405 A67-37644	20 p3491 A67-37689*	21 p3609 A67-37734	21 p3607 A67-37779 #	21 p3589 A67-37824*
20 p3405 A67-37645	20 p3492 A67-37690	21 p3609 A67-37735	21 p3650 A67-37780*	21 p3730 A67-37825*
20 p3387 A67-37646	20 p3492 A67-37691*	21 p3730 A67-37736	21 p3712 A67-37781*#	21 p3642 A67-37826
20 p3388 A67-37647	20 p3503 A67-37692	21 p3609 A67-37737	21 p3700 A67-37782*#	21 p3715 A67-37827
20 p3405 A67-37648	20 p3503 A67-37693*	21 p3609 A67-37738	21 p3655 A67-37783*#	21 p3643 A67-37828
20 p3405 A67-37649	20 p3456 A67-37694 #	21 p3610 A67-37739	21 p3712 A67-37784 #	21 p3602 A67-37829
20 p3406 A67-37650	20 p3456 A67-37695 #	21 p3624 A67-37740	21 p3700 A67-37785 #	21 p3700 A67-37830
20 p3388 A67-37651	20 p3456 A67-37696 #	21 p3660 A67-37741	21 p3624 A67-37786 #	21 p3715 A67-37831
20 p3406 A67-37652	20 p3456 A67-37697 #	21 p3660 A67-37742	21 p3570 A67-37787 #	21 p3651 A67-37832
20 p3406 A67-37653*	20 p3471 A67-37698 #	21 p3660 A67-37743	21 p3563 A67-37788*#	21 p3566 A67-37833
20 p3388 A67-37654	20 p3543 A67-37699 #	21 p3661 A67-37744	21 p3570 A67-37789 #	21 p3701 A67-37834
20 p3406 A67-37655	20 p3406 A67-37700	21 p3661 A67-37745*	21 p3689 A67-37790 #	21 p3701 A67-37835
20 p3406 A67-37656	20 p3388 A67-37701*#	21 p3661 A67-37746	21 p3689 A67-37791 #	21 p3701 A67-37836
20 p3479 A67-37657 #	20 p3388 A67-37702 #	21 p3661 A67-37747	21 p3730 A67-37792 #	21 p3701 A67-37837
20 p3360 A67-37658 #	20 p3388 A67-37703 #	21 p3661 A67-37748	21 p3730 A67-37793 #	21 p3701 A67-37838
20 p3487 A67-37659 #	20 p3388 A67-37704*#	21 p3661 A67-37749	21 p3624 A67-37794*#	21 p3701 A67-37839
20 p3542 A67-37660 #	20 p3389 A67-37705 #	21 p3661 A67-37750	21 p3563 A67-37795*#	21 p3697 A67-37840

ACCESSION NUMBER INDEX

21 p3697 A67-37841	21 p3649 A67-37886	21 p3663 A67-37931 #	21 p3717 A67-37976 #	21 p3718 A67-38021
21 p3701 A67-37842	21 p3563 A67-37887	21 p3676 A67-37932 #	21 p3717 A67-37977 #	21 p3719 A67-38022
21 p3701 A67-37843	21 p3563 A67-37888	21 p3616 A67-37933	21 p3718 A67-37978 #	21 p3602 A67-38023
21 p3701 A67-37844	21 p3563 A67-37889	21 p3576 A67-37934	21 p3718 A67-37979 #	21 p3702 A67-38024*
21 p3701 A67-37845	21 p3715 A67-37890	21 p3663 A67-37935	21 p3718 A67-37980 #	21 p3652 A67-38025
21 p3701 A67-37846	21 p3611 A67-37891	21 p3663 A67-37936	21 p3718 A67-37981 #	21 p3602 A67-38026
21 p3701 A67-37847	21 p3564 A67-37892	21 p3663 A67-37937	21 p3718 A67-37982 #	21 p3713 A67-38027
21 p3615 A67-37848	21 p3715 A67-37893	21 p3663 A67-37938	21 p3718 A67-37983 #	21 p3643 A67-38028
21 p3616 A67-37849	21 p3715 A67-37894*	21 p3664 A67-37939	21 p3718 A67-37984 #	21 p3644 A67-38029
21 p3656 A67-37850*	21 p3701 A67-37895	21 p3638 A67-37940	21 p3689 A67-37985 #	21 p3644 A67-38030
21 p3624 A67-37851	21 p3701 A67-37896	21 p3638 A67-37941	21 p3689 A67-37986 #	21 p3644 A67-38031
21 p3624 A67-37852	21 p3701 A67-37897	21 p3638 A67-37942	21 p3657 A67-37987 #	21 p3644 A67-38032
21 p3624 A67-37853	21 p3573 A67-37898*	21 p3639 A67-37943	21 p3625 A67-37988 #	21 p3644 A67-38033
21 p3625 A67-37854	21 p3625 A67-37899*	21 p3625 A67-37944	21 p3657 A67-37989 #	21 p3644 A67-38034
21 p3638 A67-37855	21 p3688 A67-37900	21 p3639 A67-37945	21 p3625 A67-37990 #	21 p3644 A67-38035
21 p3656 A67-37856*	21 p3651 A67-37901 #	21 p3590 A67-37946	21 p3626 A67-37991 #	21 p3644 A67-38036
21 p3638 A67-37857	21 p3611 A67-37902 #	21 p3590 A67-37947	21 p3718 A67-37992 #	21 p3644 A67-38037
21 p3578 A67-37858*	21 p3715 A67-37903 #	21 p3576 A67-37948 #	21 p3579 A67-37993	21 p3644 A67-38038
21 p3676 A67-37859 #	21 p3651 A67-37904 #	21 p3566 A67-37949 #	21 p3654 A67-37994	21 p3644 A67-38039
21 p3663 A67-37860 #	21 p3611 A67-37905 #	21 p3716 A67-37950 #	21 p3616 A67-37995	21 p3567 A67-38040
21 p3663 A67-37861 #	21 p3716 A67-37906 #	21 p3689 A67-37951 #	21 p3697 A67-37996*	21 p3567 A67-38041 #
21 p3676 A67-37862 #	21 p3649 A67-37907 #	21 p3590 A67-37952 #	21 p3616 A67-37997	21 p3626 A67-38042 #
21 p3676 A67-37863 #	21 p3649 A67-37908 #	21 p3643 A67-37953	21 p3616 A67-37998*	21 p3564 A67-38043 #
21 p3638 A67-37864 #	21 p3716 A67-37909 #	21 p3643 A67-37954	21 p3616 A67-37999	21 p3689 A67-38044 #
21 p3638 A67-37865 #	21 p3716 A67-37910 #	21 p3587 A67-37955	21 p3616 A67-38000	21 p3564 A67-38045 #
21 p3647 A67-37866 #	21 p3650 A67-37911 #	21 p3716 A67-37956	21 p3617 A67-38001	21 p3689 A67-38046 #
21 p3638 A67-37867 #	21 p3611 A67-37912 #	21 p3587 A67-37957	21 p3617 A67-38002	21 p3664 A67-38047 #
21 p3676 A67-37868 #	21 p3625 A67-37913 #	21 p3625 A67-37958	21 p3658 A67-38003*#	21 p3570 A67-38048 #
21 p3676 A67-37869 #	21 p3564 A67-37914 #	21 p3731 A67-37959 #	21 p3659 A67-38004*#	21 p3626 A67-38049 #
21 p3647 A67-37870	21 p3589 A67-37915	21 p3650 A67-37960 #	21 p3659 A67-38005*#	21 p3719 A67-38050 #
21 p3647 A67-37871	21 p3589 A67-37916	21 p3611 A67-37961 #	21 p3677 A67-38006	21 p3644 A67-38051 #
21 p3647 A67-37872	21 p3589 A67-37917	21 p3639 A67-37962	21 p3677 A67-38007	21 p3631 A67-38052 #
21 p3647 A67-37873	21 p3663 A67-37918 #	21 p3701 A67-37963*	21 p3639 A67-38008	21 p3719 A67-38053 #
21 p3648 A67-37874	21 p3573 A67-37919*	21 p3625 A67-37964	21 p3590 A67-38009	21 p3631 A67-38054 #
21 p3648 A67-37875	21 p3589 A67-37920	21 p3616 A67-37965	21 p3677 A67-38010	21 p3631 A67-38055 #
21 p3648 A67-37876	21 p3651 A67-37921 #	21 p3716 A67-37966	21 p3677 A67-38011*	21 p3611 A67-38056 #
21 p3648 A67-37877	21 p3651 A67-37922 #	21 p3716 A67-37967 #	21 p3677 A67-38012	21 p3657 A67-38057 #
21 p3643 A67-37878	21 p3656 A67-37923 #	21 p3716 A67-37968 #	21 p3734 A67-38013	21 p3611 A67-38058 #
21 p3648 A67-37879	21 p3657 A67-37924 #	21 p3717 A67-37969 #	21 p3631 A67-38014	21 p3626 A67-38059 #
21 p3648 A67-37880	21 p3579 A67-37925 #	21 p3717 A67-37970 #	21 p3567 A67-38015	21 p3632 A67-38060 #
21 p3648 A67-37881	21 p3731 A67-37926 #	21 p3717 A67-37971 #	21 p3688 A67-38016 #	21 p3632 A67-38061 #
21 p3649 A67-37882	21 p3611 A67-37927 #	21 p3717 A67-37972 #	21 p3664 A67-38017	21 p3639 A67-38062
21 p3649 A67-37883	21 p3611 A67-37928 #	21 p3717 A67-37973 #	21 p3639 A67-38018	21 p3626 A67-38063
21 p3649 A67-37884	21 p3564 A67-37929 #	21 p3717 A67-37974 #	21 p3643 A67-38019	21 p3590 A67-38064
21 p3649 A67-37885	21 p3651 A67-37930 #	21 p3717 A67-37975 #	21 p3718 A67-38020	21 p3617 A67-38065 #

ACCESSION NUMBER INDEX

21 p3617 A67-38066 #	21 p3579 A67-38111 #	21 p3591 A67-38156	21 p3581 A67-38201 #	21 p3665 A67-38246 #
21 p3702 A67-38067*	21 p3580 A67-38112 #	21 p3591 A67-38157	21 p3607 A67-38202 #	21 p3665 A67-38247 #
21 p3573 A67-38068	21 p3580 A67-38113 #	21 p3577 A67-38158 #	21 p3608 A67-38203 #	21 p3665 A67-38248 #
21 p3573 A67-38069	21 p3580 A67-38114 #	21 p3626 A67-38159 #	21 p3591 A67-38204	21 p3666 A67-38249 #
21 p3573 A67-38070*#	21 p3580 A67-38115 #	21 p3664 A67-38160	21 p3591 A67-38205	21 p3666 A67-38250 #
21 p3576 A67-38071 #	21 p3580 A67-38116 #	21 p3659 A67-38161	21 p3591 A67-38206	21 p3666 A67-38251 #
21 p3573 A67-38072	21 p3590 A67-38117 #	21 p3659 A67-38162	21 p3655 A67-38207 #	21 p3588 A67-38252
21 p3576 A67-38073 #	21 p3590 A67-38118 #	21 p3664 A67-38163	21 p3655 A67-38208 #	21 p3639 A67-38253 #
21 p3577 A67-38074	21 p3590 A67-38119 #	21 p3664 A67-38164	21 p3591 A67-38209 #	21 p3679 A67-38254 #
21 p3577 A67-38075	21 p3580 A67-38120 #	21 p3664 A67-38165	21 p3591 A67-38210*	21 p3679 A67-38255 #
21 p3573 A67-38076	21 p3580 A67-38121 #	21 p3659 A67-38166	21 p3581 A67-38211 #	21 p3639 A67-38256 #
21 p3577 A67-38077	21 p3580 A67-38122 #	21 p3731 A67-38167	21 p3592 A67-38212 #	21 p3612 A67-38257 #
21 p3574 A67-38078	21 p3617 A67-38123*	21 p3731 A67-38168	21 p3581 A67-38213	21 p3627 A67-38258 #
21 p3574 A67-38079	21 p3702 A67-38124	21 p3731 A67-38169	21 p3664 A67-38214	21 p3666 A67-38259 #
21 p3574 A67-38080 #	21 p3702 A67-38125	21 p3731 A67-38170	21 p3734 A67-38215 #	21 p3679 A67-38260 #
21 p3577 A67-38081 #	21 p3702 A67-38126	21 p3731 A67-38171	21 p3678 A67-38216	21 p3640 A67-38261 #
21 p3574 A67-38082	21 p3617 A67-38127	21 p3659 A67-38172	21 p3713 A67-38217	21 p3640 A67-38262 #
21 p3574 A67-38083*	21 p3702 A67-38128*	21 p3652 A67-38173	21 p3592 A67-38218 #	21 p3618 A67-38263 #
21 p3574 A67-38084	21 p3602 A67-38129	21 p3652 A67-38174	21 p3679 A67-38219	21 p3627 A67-38264 #
21 p3574 A67-38085 #	21 p3719 A67-38130	21 p3603 A67-38175	21 p3626 A67-38220 #	21 p3627 A67-38265 #
21 p3575 A67-38086	21 p3632 A67-38131	21 p3652 A67-38176	21 p3592 A67-38221	21 p3603 A67-38266
21 p3654 A67-38087 #	21 p3719 A67-38132	21 p3634 A67-38177	21 p3592 A67-38222	21 p3657 A67-38267 #
21 p3644 A67-38088	21 p3568 A67-38133 #	21 p3634 A67-38178	21 p3592 A67-38223	21 p3657 A67-38268 #
21 p3719 A67-38089	21 p3632 A67-38134	21 p3581 A67-38179	21 p3679 A67-38224 #	21 p3627 A67-38269 #
21 p3645 A67-38090	21 p3632 A67-38135	21 p3588 A67-38180	21 p3571 A67-38225 #	21 p3652 A67-38270 #
21 p3677 A67-38091	21 p3632 A67-38136	21 p3588 A67-38181*	21 p3581 A67-38226	21 p3666 A67-38271 #
21 p3677 A67-38092	21 p3632 A67-38137*	21 p3588 A67-38182	21 p3592 A67-38227	21 p3719 A67-38272 #
21 p3645 A67-38093	21 p3632 A67-38138	21 p3588 A67-38183	21 p3581 A67-38228 #	21 p3612 A67-38273 #
21 p3639 A67-38094	21 p3633 A67-38139	21 p3734 A67-38184	21 p3592 A67-38229	21 p3731 A67-38274 #
21 p3677 A67-38095	21 p3633 A67-38140	21 p3603 A67-38185*	21 p3593 A67-38230	21 p3612 A67-38275 #
21 p3677 A67-38096	21 p3633 A67-38141	21 p3654 A67-38186 #	21 p3656 A67-38231	21 p3612 A67-38276 #
21 p3678 A67-38097	21 p3633 A67-38142*	21 p3617 A67-38187*#	21 p3571 A67-38232	21 p3652 A67-38277 #
21 p3678 A67-38098	21 p3633 A67-38143*	21 p3702 A67-38188*#	21 p3593 A67-38233 #	21 p3653 A67-38278 #
21 p3678 A67-38099	21 p3633 A67-38144	21 p3703 A67-38189 #	21 p3593 A67-38234	21 p3612 A67-38279 #
21 p3626 A67-38100 #	21 p3633 A67-38145	21 p3617 A67-38190*#	21 p3581 A67-38235 #	21 p3731 A67-38280 #
21 p3570 A67-38101	21 p3719 A67-38146	21 p3703 A67-38191*	21 p3664 A67-38236 #	21 p3657 A67-38281 #
21 p3570 A67-38102 #	21 p3719 A67-38147	21 p3688 A67-38192	21 p3664 A67-38237 #	21 p3653 A67-38282 #
21 p3570 A67-38103 #	21 p3577 A67-38148*	21 p3612 A67-38193	21 p3664 A67-38238 #	21 p3653 A67-38283 #
21 p3571 A67-38104 #	21 p3678 A67-38149	21 p3650 A67-38194	21 p3665 A67-38239 #	21 p3720 A67-38284 #
21 p3571 A67-38105 #	21 p3678 A67-38150	21 p3652 A67-38195	21 p3665 A67-38240 #	21 p3612 A67-38285 #
21 p3612 A67-38106 #	21 p3678 A67-38151	21 p3618 A67-38196 #	21 p3665 A67-38241 #	21 p3720 A67-38286 #
21 p3579 A67-38107	21 p3590 A67-38152*	21 p3703 A67-38197 #	21 p3665 A67-38242 #	21 p3720 A67-38287 #
21 p3579 A67-38108 #	21 p3591 A67-38153*	21 p3634 A67-38198 #	21 p3665 A67-38243 #	21 p3564 A67-38288 #
21 p3652 A67-38109 #	21 p3591 A67-38154	21 p3618 A67-38199 #	21 p3665 A67-38244 #	21 p3593 A67-38289 #
21 p3652 A67-38110 #	21 p3678 A67-38155	21 p3703 A67-38200	21 p3665 A67-38245 #	21 p3593 A67-38290 #

ACCESSION NUMBER INDEX

21 p3593 A67-38291 #	21 p3595 A67-38336	21 p3612 A67-38381	21 p3618 A67-38426 #	21 p3618 A67-38471 #
21 p3581 A67-38292 #	21 p3571 A67-38337	21 p3721 A67-38382 #	21 p3618 A67-38427 #	21 p3618 A67-38472 #
21 p3698 A67-38293 #	21 p3595 A67-38338	21 p3721 A67-38383 #	21 p3618 A67-38428 #	21 p3618 A67-38473 #
21 p3720 A67-38294 #	21 p3595 A67-38339	21 p3627 A67-38384 #	21 p3654 A67-38429 #	21 p3619 A67-38474 #
21 p3720 A67-38295 #	21 p3595 A67-38340	21 p3682 A67-38385	21 p3582 A67-38430 #	21 p3698 A67-38475 #
21 p3720 A67-38296 #	21 p3596 A67-38341	21 p3682 A67-38386	21 p3627 A67-38431 #	21 p3619 A67-38476 #
21 p3720 A67-38297 #	21 p3596 A67-38342	21 p3682 A67-38387	21 p3654 A67-38432 #	21 p3698 A67-38477 #
21 p3720 A67-38298 #	21 p3596 A67-38343	21 p3682 A67-38388*	21 p3684 A67-38433	21 p3619 A67-38478 #
21 p3731 A67-38299 #	21 p3596 A67-38344	21 p3683 A67-38389	21 p3703 A67-38434	21 p3698 A67-38479 #
21 p3720 A67-38300 #	21 p3596 A67-38345	21 p3578 A67-38390*	21 p3722 A67-38435	21 p3698 A67-38480 #
21 p3720 A67-38301 #	21 p3596 A67-38346	21 p3613 A67-38391*	21 p3722 A67-38436	21 p3668 A67-38481 #
21 p3721 A67-38302 #	21 p3627 A67-38347 #	21 p3640 A67-38392	21 p3613 A67-38437*	21 p3698 A67-38482 #
21 p3657 A67-38303 #	21 p3680 A67-38348 #	21 p3578 A67-38393	21 p3603 A67-38438	21 p3619 A67-38483 #
21 p3721 A67-38304 #	21 p3680 A67-38349 #	21 p3578 A67-38394	21 p3603 A67-38439	21 p3619 A67-38484 #
21 p3721 A67-38305 #	21 p3680 A67-38350 #	21 p3581 A67-38395	21 p3703 A67-38440	21 p3619 A67-38485 #
21 p3721 A67-38306 #	21 p3681 A67-38351 #	21 p3582 A67-38396	21 p3603 A67-38441	21 p3619 A67-38486 #
21 p3612 A67-38307 #	21 p3681 A67-38352 #	21 p3597 A67-38397	21 p3603 A67-38442	21 p3619 A67-38487 #
21 p3721 A67-38308 #	21 p3640 A67-38353 #	21 p3653 A67-38398 #	21 p3604 A67-38443	21 p3619 A67-38488 #
21 p3721 A67-38309 #	21 p3666 A67-38354 #	21 p3653 A67-38399 #	21 p3684 A67-38444	21 p3619 A67-38489 #
21 p3679 A67-38310	21 p3640 A67-38355 #	21 p3653 A67-38400 #	21 p3627 A67-38445 #	21 p3619 A67-38490 #
21 p3679 A67-38311	21 p3666 A67-38356 #	21 p3659 A67-38401 #	21 p3627 A67-38446 #	21 p3619 A67-38491 #
21 p3679 A67-38312	21 p3681 A67-38357	21 p3683 A67-38402 #	21 p3618 A67-38447 #	21 p3619 A67-38492 #
21 p3679 A67-38313	21 p3681 A67-38358 #	21 p3683 A67-38403 #	21 p3627 A67-38448 #	21 p3703 A67-38493 #
21 p3679 A67-38314	21 p3681 A67-38359 #	21 p3683 A67-38404 #	21 p3684 A67-38449 #	21 p3722 A67-38494*#
21 p3679 A67-38315	21 p3681 A67-38360 #	21 p3683 A67-38405 #	21 p3722 A67-38450 #	21 p3668 A67-38495 #
21 p3680 A67-38316	21 p3681 A67-38361 #	21 p3683 A67-38406*#	21 p3640 A67-38451 #	21 p3597 A67-38496 #
21 p3680 A67-38317	21 p3681 A67-38362 #	21 p3667 A67-38407 #	21 p3684 A67-38452 #	21 p3627 A67-38497 #
21 p3680 A67-38318	21 p3682 A67-38363 #	21 p3659 A67-38408 #	21 p3684 A67-38453	21 p3582 A67-38498 #
21 p3680 A67-38319	21 p3682 A67-38364 #	21 p3657 A67-38409 #	21 p3640 A67-38454	21 p3732 A67-38499
21 p3680 A67-38320	21 p3682 A67-38365	21 p3667 A67-38410 #	21 p3641 A67-38455	21 p3597 A67-38500
21 p3680 A67-38321	21 p3731 A67-38366	21 p3613 A67-38411 #	21 p3641 A67-38456	21 p3703 A67-38501*
21 p3680 A67-38322	21 p3640 A67-38367	21 p3667 A67-38412 #	21 p3641 A67-38457	21 p3704 A67-38502*
21 p3680 A67-38323	21 p3666 A67-38368	21 p3667 A67-38413 #	21 p3641 A67-38458	21 p3704 A67-38503*
21 p3680 A67-38324	21 p3666 A67-38369	21 p3667 A67-38414 #	21 p3641 A67-38459*	21 p3704 A67-38504
21 p3680 A67-38325	21 p3682 A67-38370	21 p3667 A67-38415 #	21 p3641 A67-38460	21 p3704 A67-38505*
21 p3680 A67-38326	21 p3667 A67-38371	21 p3668 A67-38416 #	21 p3641 A67-38461*	21 p3704 A67-38506*
21 p3593 A67-38327	21 p3667 A67-38372	21 p3684 A67-38417 #	21 p3618 A67-38462 #	21 p3575 A67-38507 #
21 p3594 A67-38328*	21 p3640 A67-38373	21 p3688 A67-38418 #	21 p3698 A67-38463 #	21 p3575 A67-38508 #
21 p3594 A67-38329	21 p3667 A67-38374	21 p3653 A67-38419 #	21 p3698 A67-38464 #	21 p3575 A67-38509 #
21 p3594 A67-38330	21 p3713 A67-38375	21 p3564 A67-38420 #	21 p3668 A67-38465 #	21 p3575 A67-38510 #
21 p3594 A67-38331	21 p3645 A67-38376	21 p3653 A67-38421 #	21 p3668 A67-38466 #	21 p3704 A67-38511
21 p3594 A67-38332*	21 p3731 A67-38377	21 p3613 A67-38422 #	21 p3618 A67-38467 #	21 p3619 A67-38512
21 p3594 A67-38333	21 p3568 A67-38378	21 p3564 A67-38423 #	21 p3582 A67-38468 #	21 p3619 A67-38513
21 p3595 A67-38334*	21 p3713 A67-38379	21 p3564 A67-38424 #	21 p3618 A67-38469 #	21 p3582 A67-38514
21 p3595 A67-38335	21 p3721 A67-38380	21 p3577 A67-38425 #	21 p3618 A67-38470 #	21 p3575 A67-38515

ACCESSION NUMBER INDEX

21 p3575 A67-38516	21 p3668 A67-38561 #	21 p3598 A67-38606	21 p3628 A67-38651	21 p3671 A67-38696 #
21 p3659 A67-38517	21 p3565 A67-38562 #	21 p3598 A67-38607	21 p3584 A67-38652	21 p3690 A67-38697*#
21 p3659 A67-38518	21 p3684 A67-38563	21 p3583 A67-38608	21 p3584 A67-38653	21 p3690 A67-38698*#
21 p3650 A67-38519	21 p3698 A67-38564	21 p3599 A67-38609	21 p3599 A67-38654	21 p3690 A67-38699*#
21 p3620 A67-38520	21 p3597 A67-38565	21 p3571 A67-38610	21 p3599 A67-38655	21 p3690 A67-38700*#
21 p3620 A67-38521	21 p3597 A67-38566	21 p3705 A67-38611	21 p3584 A67-38656	21 p3690 A67-38701*#
21 p3684 A67-38522	21 p3704 A67-38567*	21 p3705 A67-38612*	21 p3628 A67-38657 #	21 p3691 A67-38702*#
21 p3597 A67-38523	21 p3713 A67-38568	21 p3705 A67-38613	21 p3629 A67-38658*#	21 p3691 A67-38703*#
21 p3722 A67-38524	21 p3597 A67-38569	21 p3705 A67-38614	21 p3600 A67-38659	21 p3691 A67-38704*#
21 p3722 A67-38525	21 p3598 A67-38570	21 p3658 A67-38615	21 p3584 A67-38660	21 p3691 A67-38705 #
21 p3732 A67-38526 #	21 p3598 A67-38571	21 p3706 A67-38616*	21 p3629 A67-38661 #	21 p3691 A67-38706*#
21 p3732 A67-38527 #	21 p3598 A67-38572	21 p3706 A67-38617	21 p3629 A67-38662	21 p3671 A67-38707 #
21 p3732 A67-38528 #	21 p3598 A67-38573	21 p3634 A67-38618	21 p3629 A67-38663	21 p3671 A67-38708*#
21 p3582 A67-38529	21 p3598 A67-38574	21 p3634 A67-38619	21 p3629 A67-38664	21 p3671 A67-38709*#
21 p3628 A67-38530 #	21 p3654 A67-38575 #	21 p3634 A67-38620	21 p3629 A67-38665	21 p3691 A67-38710*#
21 p3722 A67-38531	21 p3655 A67-38576*#	21 p3634 A67-38621	21 p3629 A67-38666	21 p3692 A67-38711*#
21 p3597 A67-38532	21 p3582 A67-38577 #	21 p3635 A67-38622	21 p3584 A67-38667 #	21 p3692 A67-38712*#
21 p3650 A67-38533	21 p3655 A67-38578 #	21 p3635 A67-38623	21 p3584 A67-38668 #	21 p3660 A67-38713*#
21 p3568 A67-38534 #	21 p3655 A67-38579 #	21 p3635 A67-38624	21 p3584 A67-38669	21 p3692 A67-38714*#
21 p3564 A67-38535 #	21 p3628 A67-38580 #	21 p3635 A67-38625	21 p3600 A67-38670	21 p3688 A67-38715*#
21 p3565 A67-38536 #	21 p3628 A67-38581 #	21 p3635 A67-38626	21 p3571 A67-38671	21 p3692 A67-38716*#
21 p3568 A67-38537 #	21 p3628 A67-38582 #	21 p3599 A67-38627	21 p3572 A67-38672	21 p3692 A67-38717*#
21 p3568 A67-38538 #	21 p3628 A67-38583 #	21 p3635 A67-38628	21 p3608 A67-38673	21 p3692 A67-38718 #
21 p3568 A67-38539 #	21 p3704 A67-38584 #	21 p3635 A67-38629*	21 p3584 A67-38674	21 p3693 A67-38719*#
21 p3608 A67-38540 #	21 p3705 A67-38585 #	21 p3723 A67-38630*	21 p3588 A67-38675	21 p3693 A67-38720 #
21 p3568 A67-38541 #	21 p3656 A67-38586 #	21 p3636 A67-38631	21 p3572 A67-38676 #	21 p3672 A67-38721*#
21 p3568 A67-38542 #	21 p3705 A67-38587 #	21 p3636 A67-38632	21 p3668 A67-38677	21 p3672 A67-38722 #
21 p3568 A67-38543 #	21 p3713 A67-38588 #	21 p3636 A67-38633	21 p3669 A67-38678 #	21 p3613 A67-38723 #
21 p3565 A67-38544 #	21 p3713 A67-38589 #	21 p3599 A67-38634	21 p3669 A67-38679 #	21 p3732 A67-38724 #
21 p3722 A67-38545 #	21 p3713 A67-38590 #	21 p3583 A67-38635	21 p3669 A67-38680 #	21 p3672 A67-38725 #
21 p3722 A67-38546 #	21 p3705 A67-38591 #	21 p3583 A67-38636	21 p3669 A67-38681 #	21 p3693 A67-38726 #
21 p3565 A67-38547 #	21 p3582 A67-38592 #	21 p3583 A67-38637	21 p3669 A67-38682 #	21 p3693 A67-38727*#
21 p3628 A67-38548	21 p3582 A67-38593 #	21 p3588 A67-38638	21 p3669 A67-38683 #	21 p3693 A67-38728*#
21 p3641 A67-38549	21 p3582 A67-38594 #	21 p3583 A67-38639	21 p3670 A67-38684 #	21 p3714 A67-38729*#
21 p3641 A67-38550	21 p3698 A67-38595 #	21 p3641 A67-38640	21 p3670 A67-38685 #	21 p3672 A67-38730*#
21 p3657 A67-38551 #	21 p3628 A67-38596 #	21 p3583 A67-38641	21 p3585 A67-38686 #	21 p3672 A67-38731*#
21 p3668 A67-38552 #	21 p3577 A67-38597 #	21 p3583 A67-38642	21 p3670 A67-38687 #	21 p3672 A67-38732*#
21 p3658 A67-38553 #	21 p3713 A67-38598 #	21 p3599 A67-38643	21 p3670 A67-38688 #	21 p3672 A67-38733*#
21 p3658 A67-38554 #	21 p3705 A67-38599	21 p3583 A67-38644	21 p3670 A67-38689 #	21 p3673 A67-38734 #
21 p3723 A67-38555 #	21 p3645 A67-38600	21 p3599 A67-38645	21 p3670 A67-38690 #	21 p3706 A67-38735*#
21 p3565 A67-38556 #	21 p3604 A67-38601	21 p3584 A67-38646	21 p3689 A67-38691*#	21 p3693 A67-38736*#
21 p3653 A67-38557*#	21 p3598 A67-38602	21 p3599 A67-38647	21 p3689 A67-38692*#	21 p3706 A67-38737*#
21 p3653 A67-38558 #	21 p3604 A67-38603	21 p3571 A67-38648 #	21 p3670 A67-38693*#	21 p3714 A67-38738 #
21 p3723 A67-38559 #	21 p3598 A67-38604	21 p3599 A67-38649	21 p3671 A67-38694*#	21 p3714 A67-38739*#
21 p3723 A67-38560 #	21 p3668 A67-38605	21 p3656 A67-38650	21 p3671 A67-38695 #	21 p3673 A67-38740 #

ACCESSION NUMBER INDEX

21 p3673 A67-38741 #	21 p3724 A67-38786 #	21 p3636 A67-38831 #	21 p3565 A67-38876 #	21 p3631 A67-38921 #
21 p3673 A67-38742 #	21 p3725 A67-38787 #	21 p3695 A67-38832 #	21 p3728 A67-38877 #	21 p3637 A67-38922 #
21 p3673 A67-38743 #	21 p3725 A67-38788 #	21 p3726 A67-38833 #	21 p3732 A67-38878 #	21 p3637 A67-38923 #
21 p3673 A67-38744 #	21 p3613 A67-38789 #	21 p3726 A67-38834 #	21 p3614 A67-38879 #	21 p3637 A67-38924 #
21 p3694 A67-38745*#	21 p3725 A67-38790 #	21 p3727 A67-38835 #	21 p3728 A67-38880 #	21 p3637 A67-38925 #
21 p3694 A67-38746*#	21 p3725 A67-38791 #	21 p3636 A67-38836 #	21 p3728 A67-38881 #	21 p3637 A67-38926 #
21 p3714 A67-38747*#	21 p3725 A67-38792 #	21 p3636 A67-38837 #	21 p3565 A67-38882*#	21 p3637 A67-38927 #
21 p3694 A67-38748*#	21 p3725 A67-38793 #	21 p3727 A67-38838 #	21 p3733 A67-38883 #	21 p3569 A67-38928 #
21 p3694 A67-38749 #	21 p3725 A67-38794 #	21 p3727 A67-38839 #	21 p3565 A67-38884*#	21 p3696 A67-38929*#
21 p3694 A67-38750*#	21 p3725 A67-38795 #	21 p3727 A67-38840 #	21 p3674 A67-38885*#	21 p3696 A67-38930*#
21 p3688 A67-38751 #	21 p3726 A67-38796 #	21 p3578 A67-38841 #	21 p3609 A67-38886 #	21 p3675 A67-38931
21 p3694 A67-38752 #	21 p3726 A67-38797 #	21 p3706 A67-38842*	21 p3566 A67-38887*#	21 p3675 A67-38932
21 p3673 A67-38753*#	21 p3575 A67-38798*	21 p3620 A67-38843	21 p3674 A67-38888 #	21 p3707 A67-38933
21 p3674 A67-38754*#	21 p3653 A67-38799	21 p3706 A67-38844*	21 p3609 A67-38889 #	21 p3604 A67-38934 #
21 p3674 A67-38755 #	21 p3608 A67-38800	21 p3658 A67-38845*	21 p3728 A67-38890*#	21 p3600 A67-38935 #
21 p3674 A67-38756*#	21 p3685 A67-38801	21 p3660 A67-38846*	21 p3614 A67-38891 #	21 p3585 A67-38936 #
21 p3695 A67-38757 #	21 p3685 A67-38802	21 p3600 A67-38847	21 p3566 A67-38892 #	21 p3600 A67-38937 #
21 p3695 A67-38758*#	21 p3674 A67-38803	21 p3630 A67-38848*	21 p3733 A67-38893 #	21 p3585 A67-38938 #
21 p3695 A67-38759 #	21 p3608 A67-38804 #	21 p3650 A67-38849*	21 p3614 A67-38894 #	21 p3600 A67-38939 #
21 p3695 A67-38760 #	21 p3734 A67-38805 #	21 p3654 A67-38850	21 p3630 A67-38895	21 p3600 A67-38940 #
21 p3695 A67-38761 #	21 p3608 A67-38806 #	21 p3642 A67-38851 #	21 p3636 A67-38896	21 p3585 A67-38941 #
21 p3695 A67-38762 #	21 p3608 A67-38807 #	21 p3613 A67-38852*#	21 p3636 A67-38897 #	21 p3585 A67-38942 #
21 p3585 A67-38763	21 p3608 A67-38808 #	21 p3613 A67-38853 #	21 p3728 A67-38898 #	21 p3586 A67-38943 #
21 p3578 A67-38764*	21 p3568 A67-38809 #	21 p3614 A67-38854 #	21 p3577 A67-38899*	21 p3600 A67-38944 #
21 p3588 A67-38765	21 p3585 A67-38810 #	21 p3732 A67-38855*#	21 p3630 A67-38900	21 p3601 A67-38945 #
21 p3565 A67-38766	21 p3585 A67-38811 #	21 p3696 A67-38856 #	21 p3568 A67-38901	21 p3707 A67-38946
21 p3630 A67-38767	21 p3600 A67-38812 #	21 p3688 A67-38857 #	21 p3655 A67-38902 #	21 p3601 A67-38947
21 p3630 A67-38768	21 p3642 A67-38813 #	21 p3732 A67-38858 #	21 p3728 A67-38903 #	21 p3604 A67-38948
21 p3636 A67-38769*	21 p3585 A67-38814 #	21 p3688 A67-38859 #	21 p3728 A67-38904 #	21 p3601 A67-38949
21 p3630 A67-38770	21 p3585 A67-38815 #	21 p3732 A67-38860*#	21 p3728 A67-38905 #	21 p3586 A67-38950*
21 p3674 A67-38771	21 p3613 A67-38816	21 p3614 A67-38861 #	21 p3728 A67-38906 #	21 p3656 A67-38951
21 p3630 A67-38772	21 p3698 A67-38817	21 p3706 A67-38862 #	21 p3729 A67-38907 #	21 p3586 A67-38952
21 p3645 A67-38773	21 p3604 A67-38818	21 p3608 A67-38863 #	21 p3696 A67-38908 #	21 p3586 A67-38953
21 p3645 A67-38774	21 p3642 A67-38819	21 p3572 A67-38864 #	21 p3696 A67-38909 #	21 p3586 A67-38954
21 p3645 A67-38775	21 p3642 A67-38820	21 p3706 A67-38865 #	21 p3696 A67-38910 #	21 p3586 A67-38955
21 p3646 A67-38776	21 p3674 A67-38821	21 p3727 A67-38866*#	21 p3566 A67-38911 #	21 p3586 A67-38956*
21 p3646 A67-38777	21 p3660 A67-38822	21 p3604 A67-38867*#	21 p3675 A67-38912 #	21 p3696 A67-38957 #
21 p3723 A67-38778	21 p3642 A67-38823	21 p3614 A67-38868 #	21 p3733 A67-38913 #	21 p3697 A67-38958 #
21 p3724 A67-38779 #	21 p3642 A67-38824	21 p3727 A67-38869 #	21 p3630 A67-38914 #	21 p3697 A67-38959*#
21 p3724 A67-38780 #	21 p3642 A67-38825	21 p3727 A67-38870*#	21 p3729 A67-38915 #	21 p3697 A67-38960*#
21 p3724 A67-38781 #	21 p3685 A67-38826	21 p3727 A67-38871 #	21 p3572 A67-38916 #	21 p3697 A67-38961*#
21 p3724 A67-38782 #	21 p3646 A67-38827	21 p3727 A67-38872 #	21 p3630 A67-38917 #	21 p3707 A67-38962 #
21 p3724 A67-38783 #	21 p3685 A67-38828	21 p3728 A67-38873*#	21 p3600 A67-38918 #	21 p3707 A67-38963 #
21 p3724 A67-38784 #	21 p3726 A67-38829	21 p3650 A67-38874 #	21 p3650 A67-38919 #	21 p3707 A67-38964 #
21 p3724 A67-38785 #	21 p3726 A67-38830	21 p3565 A67-38875*#	21 p3637 A67-38920 #	21 p3699 A67-38965 #

ACCESSION NUMBER INDEX

21 p3654 A67-38966*	21 p3646 A67-39011	21 p3729 A67-39056	21 p3685 A67-39101	21 p3587 A67-39146 #
21 p3685 A67-38967	21 p3699 A67-39012 #	21 p3623 A67-39057	21 p3686 A67-39102	21 p3587 A67-39147 #
21 p3642 A67-38968	21 p3699 A67-39013 #	21 p3658 A67-39058	21 p3686 A67-39103	21 p3587 A67-39148 #
21 p3631 A67-38969	21 p3675 A67-39014 #	21 p3729 A67-39059	21 p3686 A67-39104	21 p3714 A67-39149 #
21 p3685 A67-38970	21 p3621 A67-39015 #	21 p3576 A67-39060	21 p3733 A67-39105	21 p3715 A67-39150*#
21 p3685 A67-38971	21 p3621 A67-39016 #	21 p3601 A67-39061	21 p3733 A67-39106	21 p3712 A67-39151 #
21 p3685 A67-38972	21 p3699 A67-39017 #	21 p3601 A67-39062*	21 p3686 A67-39107	21 p3697 A67-39152 #
21 p3646 A67-38973	21 p3699 A67-39018 #	21 p3654 A67-39063 #	21 p3686 A67-39108	21 p3715 A67-39153*#
21 p3601 A67-38974	21 p3699 A67-39019 #	21 p3733 A67-39064	21 p3660 A67-39109	22 p3878 A67-39154 #
21 p3601 A67-38975	21 p3621 A67-39020 #	21 p3733 A67-39065	21 p3604 A67-39110 #	22 p3897 A67-39155 #
21 p3637 A67-38976	21 p3621 A67-39021 #	21 p3658 A67-39066	21 p3604 A67-39111 #	22 p3897 A67-39156 #
21 p3707 A67-38977	21 p3621 A67-39022 #	21 p3601 A67-39067	21 p3605 A67-39112 #	22 p3753 A67-39157 #
21 p3620 A67-38978	21 p3621 A67-39023 #	21 p3601 A67-39068	21 p3605 A67-39113 #	22 p3830 A67-39158 #
21 p3620 A67-38979	21 p3622 A67-39024 #	21 p3602 A67-39069	21 p3605 A67-39114 #	22 p3795 A67-39159*#
21 p3620 A67-38980	21 p3622 A67-39025 #	21 p3602 A67-39070	21 p3631 A67-39115 #	22 p3897 A67-39160 #
21 p3620 A67-38981	21 p3622 A67-39026 #	21 p3602 A67-39071	21 p3631 A67-39116 #	22 p3830 A67-39161 #
21 p3621 A67-38982	21 p3622 A67-39027 #	21 p3572 A67-39072	21 p3642 A67-39117	22 p3897 A67-39162*#
21 p3621 A67-38983	21 p3711 A67-39028 #	21 p3572 A67-39073	21 p3569 A67-39118	22 p3754 A67-39163 #
21 p3708 A67-38984	21 p3699 A67-39029 #	21 p3572 A67-39074	21 p3711 A67-39119*	22 p3830 A67-39164 #
21 p3708 A67-38985	21 p3700 A67-39030 #	21 p3685 A67-39075	21 p3711 A67-39120	22 p3778 A67-39165 #
21 p3708 A67-38986	21 p3622 A67-39031 #	21 p3604 A67-39076	21 p3711 A67-39121	22 p3897 A67-39166*#
21 p3709 A67-38987	21 p3675 A67-39032 #	21 p3646 A67-39077	21 p3712 A67-39122	22 p3897 A67-39167 #
21 p3699 A67-38988	21 p3675 A67-39033 #	21 p3566 A67-39078	21 p3623 A67-39123	22 p3878 A67-39168 #
21 p3709 A67-38989	21 p3622 A67-39034 #	21 p3566 A67-39079	21 p3733 A67-39124	22 p3764 A67-39169 #
21 p3709 A67-38990	21 p3622 A67-39035 #	21 p3615 A67-39080	21 p3587 A67-39125	22 p3830 A67-39170*#
21 p3709 A67-38991	21 p3622 A67-39036 #	21 p3615 A67-39081	21 p3587 A67-39126	22 p3897 A67-39171 #
21 p3709 A67-38992*	21 p3623 A67-39037 #	21 p3729 A67-39082	21 p3615 A67-39127	22 p3830 A67-39172 #
21 p3709 A67-38993	21 p3623 A67-39038 #	21 p3566 A67-39083	21 p3615 A67-39128	22 p3898 A67-39173 #
21 p3709 A67-38994	21 p3623 A67-39039 #	21 p3729 A67-39084 #	21 p3631 A67-39129 #	22 p3916 A67-39174 #
21 p3710 A67-38995	21 p3623 A67-39040 #	21 p3733 A67-39085	21 p3572 A67-39130 #	22 p3898 A67-39175 #
21 p3710 A67-38996	21 p3623 A67-39041 #	21 p3730 A67-39086	21 p3570 A67-39131 #	22 p3898 A67-39176*#
21 p3710 A67-38997	21 p3711 A67-39042 #	21 p3730 A67-39087	21 p3609 A67-39132 #	22 p3898 A67-39177*#
21 p3710 A67-38998	21 p3623 A67-39043 #	21 p3655 A67-39088	21 p3570 A67-39133	22 p3898 A67-39178
21 p3614 A67-38999	21 p3586 A67-39044 #	21 p3615 A67-39089	21 p3686 A67-39134 #	22 p3830 A67-39179 #
21 p3614 A67-39000	21 p3623 A67-39045 #	21 p3675 A67-39090	21 p3686 A67-39135 #	22 p3830 A67-39180*#
21 p3710 A67-39001	21 p3623 A67-39046 #	21 p3638 A67-39091	21 p3686 A67-39136 #	22 p3898 A67-39181 #
21 p3710 A67-39002	21 p3586 A67-39047 #	21 p3711 A67-39092	21 p3687 A67-39137 #	22 p3878 A67-39182 #
21 p3710 A67-39003	21 p3700 A67-39048 #	21 p3615 A67-39093 #	21 p3687 A67-39138 #	22 p3878 A67-39183 #
21 p3711 A67-39004	21 p3714 A67-39049 #	21 p3730 A67-39094 #	21 p3687 A67-39139 #	22 p3830 A67-39184 #
21 p3711 A67-39005	21 p3587 A67-39050 #	21 p3654 A67-39095 #	21 p3687 A67-39140 #	22 p3898 A67-39185 #
21 p3699 A67-39006	21 p3609 A67-39051 #	21 p3615 A67-39096 #	21 p3687 A67-39141 #	22 p3878 A67-39186 #
21 p3729 A67-39007	21 p3587 A67-39052 #	21 p3576 A67-39097*	21 p3687 A67-39142 #	22 p3898 A67-39187 #
21 p3646 A67-39008	21 p3614 A67-39053 #	21 p3660 A67-39098	21 p3687 A67-39143 #	22 p3795 A67-39188*#
21 p3642 A67-39009	21 p3675 A67-39054	21 p3576 A67-39099*	21 p3687 A67-39144 #	22 p3899 A67-39189 #
21 p3646 A67-39010	21 p3729 A67-39055	21 p3576 A67-39100*	21 p3714 A67-39145*#	22 p3899 A67-39190*#

ACCESSION NUMBER INDEX

22 p3899 A67-39191 #	22 p3796 A67-39236	22 p3921 A67-39281	22 p3828 A67-39326 #	22 p3767 A67-39371
22 p3778 A67-39192 #	22 p3840 A67-39237*	22 p3922 A67-39282	22 p3776 A67-39327	22 p3776 A67-39372
22 p3830 A67-39193 #	22 p3835 A67-39238*	22 p3899 A67-39283	22 p3836 A67-39328	22 p3778 A67-39373
22 p3826 A67-39194 #	22 p3835 A67-39239*	22 p3908 A67-39284	22 p3759 A67-39329	22 p3779 A67-39374
22 p3826 A67-39195 #	22 p3828 A67-39240	22 p3867 A67-39285	22 p3759 A67-39330	22 p3779 A67-39375
22 p3782 A67-39196 #	22 p3835 A67-39241	22 p3754 A67-39286 #	22 p3764 A67-39331	22 p3779 A67-39376
22 p3744 A67-39197 #	22 p3835 A67-39242	22 p3908 A67-39287	22 p3796 A67-39332	22 p3779 A67-39377
22 p3795 A67-39198 #	22 p3842 A67-39243 #	22 p3908 A67-39288	22 p3813 A67-39333	22 p3744 A67-39378
22 p3795 A67-39199 #	22 p3843 A67-39244	22 p3908 A67-39289*	22 p3750 A67-39334 #	22 p3779 A67-39379
22 p3867 A67-39200 #	22 p3854 A67-39245	22 p3908 A67-39290	22 p3776 A67-39335 #	22 p3779 A67-39380
22 p3839 A67-39201*	22 p3854 A67-39246	22 p3909 A67-39291*	22 p3764 A67-39336 #	22 p3779 A67-39381
22 p3839 A67-39202*	22 p3766 A67-39247	22 p3909 A67-39292	22 p3880 A67-39337	22 p3780 A67-39382
22 p3839 A67-39203*	22 p3766 A67-39248	22 p3909 A67-39293	22 p3828 A67-39338*	22 p3844 A67-39383*#
22 p3839 A67-39204*	22 p3766 A67-39249	22 p3879 A67-39294 #	22 p3744 A67-39339	22 p3856 A67-39384*
22 p3839 A67-39205*	22 p3766 A67-39250	22 p3775 A67-39295	22 p3747 A67-39340 #	22 p3756 A67-39385*
22 p3840 A67-39206	22 p3766 A67-39251	22 p3764 A67-39296*	22 p3796 A67-39341 #	22 p3756 A67-39386
22 p3842 A67-39207	22 p3766 A67-39252	22 p3879 A67-39297 #	22 p3747 A67-39342	22 p3840 A67-39387*
22 p3842 A67-39208	22 p3813 A67-39253*	22 p3879 A67-39298 #	22 p3797 A67-39343	22 p3819 A67-39388 #
22 p3842 A67-39209	22 p3813 A67-39254	22 p3879 A67-39299 #	22 p3855 A67-39344*	22 p3836 A67-39389
22 p3840 A67-39210*	22 p3747 A67-39255	22 p3879 A67-39300 #	22 p3797 A67-39345	22 p3916 A67-39390*#
22 p3758 A67-39211	22 p3766 A67-39256	22 p3835 A67-39301*	22 p3855 A67-39346	22 p3844 A67-39391 #
22 p3765 A67-39212	22 p3767 A67-39257*	22 p3811 A67-39302 #	22 p3855 A67-39347	22 p3916 A67-39392 #
22 p3835 A67-39213	22 p3813 A67-39258	22 p3744 A67-39303 #	22 p3855 A67-39348	22 p3836 A67-39393 #
22 p3826 A67-39214 #	22 p3796 A67-39259	22 p3827 A67-39304 #	22 p3813 A67-39349	22 p3776 A67-39394 #
22 p3827 A67-39215 #	22 p3796 A67-39260	22 p3776 A67-39305 #	22 p3855 A67-39350	22 p3836 A67-39395 #
22 p3739 A67-39216 #	22 p3767 A67-39261	22 p3758 A67-39306 #	22 p3778 A67-39351	22 p3909 A67-39396 #
22 p3739 A67-39217 #	22 p3843 A67-39262 #	22 p3835 A67-39307 #	22 p3819 A67-39352	22 p3909 A67-39397 #
22 p3835 A67-39218 #	22 p3843 A67-39263 #	22 p3811 A67-39308	22 p3844 A67-39353	22 p3909 A67-39398 #
22 p3810 A67-39219 #	22 p3843 A67-39264 #	22 p3879 A67-39309	22 p3814 A67-39354	22 p3909 A67-39399 #
22 p3828 A67-39220 #	22 p3843 A67-39265 #	22 p3879 A67-39310	22 p3855 A67-39355	22 p3909 A67-39400 #
22 p3824 A67-39221 #	22 p3843 A67-39266 #	22 p3899 A67-39311*	22 p3844 A67-39356	22 p3909 A67-39401 #
22 p3818 A67-39222 #	22 p3843 A67-39267*#	22 p3879 A67-39312	22 p3844 A67-39357	22 p3910 A67-39402 #
22 p3818 A67-39223 #	22 p3843 A67-39268*#	22 p3880 A67-39313	22 p3855 A67-39358	22 p3836 A67-39403 #
22 p3867 A67-39224 #	22 p3843 A67-39269*#	22 p3880 A67-39314 #	22 p3778 A67-39359	22 p3880 A67-39404 #
22 p3818 A67-39225 #	22 p3775 A67-39270	22 p3811 A67-39315	22 p3855 A67-39360	22 p3836 A67-39405 #
22 p3818 A67-39226 #	22 p3758 A67-39271 #	22 p3811 A67-39316	22 p3759 A67-39361	22 p3782 A67-39406 #
22 p3795 A67-39227 #	22 p3758 A67-39272 #	22 p3811 A67-39317	22 p3767 A67-39362*	22 p3880 A67-39407 #
22 p3795 A67-39228 #	22 p3767 A67-39273 #	22 p3750 A67-39318*	22 p3855 A67-39363	22 p3910 A67-39408 #
22 p3795 A67-39229 #	22 p3767 A67-39274*#	22 p3818 A67-39319 #	22 p3856 A67-39364	22 p3782 A67-39409 #
22 p3795 A67-39230 #	22 p3767 A67-39275 #	22 p3818 A67-39320 #	22 p3840 A67-39365	22 p3739 A67-39410 #
22 p3796 A67-39231 #	22 p3796 A67-39276 #	22 p3818 A67-39321 #	22 p3844 A67-39366	22 p3776 A67-39411 #
22 p3810 A67-39232 #	22 p3747 A67-39277 #	22 p3819 A67-39322 #	22 p3844 A67-39367	22 p3776 A67-39412 #
22 p3796 A67-39233	22 p3796 A67-39278	22 p3819 A67-39323 #	22 p3856 A67-39368	22 p3856 A67-39413
22 p3842 A67-39234	22 p3921 A67-39279	22 p3819 A67-39324 #	22 p3767 A67-39369	22 p3880 A67-39414
22 p3835 A67-39235	22 p3754 A67-39280	22 p3828 A67-39325 #	22 p3767 A67-39370	22 p3880 A67-39415*

ACCESSION NUMBER INDEX

22 p3880 A67-39416	22 p3814 A67-39461	22 p3759 A67-39506 #	22 p3745 A67-39551 #	22 p3754 A67-39596
22 p3797 A67-39417 #	22 p3857 A67-39462	22 p3858 A67-39507 #	22 p3798 A67-39552 #	22 p3751 A67-39597
22 p3827 A67-39418*	22 p3880 A67-39463	22 p3846 A67-39508 #	22 p3780 A67-39553 #	22 p3754 A67-39598
22 p3844 A67-39419	22 p3768 A67-39464	22 p3790 A67-39509 #	22 p3881 A67-39554	22 p3754 A67-39599*
22 p3836 A67-39420	22 p3831 A67-39465	22 p3847 A67-39510 #	22 p3882 A67-39555*	22 p3751 A67-39600
22 p3845 A67-39421	22 p3828 A67-39466*#	22 p3814 A67-39511 #	22 p3750 A67-39556*	22 p3751 A67-39601
22 p3767 A67-39422	22 p3788 A67-39467	22 p3917 A67-39512 #	22 p3882 A67-39557	22 p3751 A67-39602*
22 p3845 A67-39423	22 p3788 A67-39468	22 p3881 A67-39513	22 p3759 A67-39558*	22 p3751 A67-39603*
22 p3845 A67-39424	22 p3788 A67-39469*	22 p3881 A67-39514	22 p3911 A67-39559 #	22 p3751 A67-39604 #
22 p3845 A67-39425	22 p3789 A67-39470*	22 p3881 A67-39515	22 p3819 A67-39560	22 p3751 A67-39605*
22 p3845 A67-39426	22 p3789 A67-39471	22 p3881 A67-39516	22 p3798 A67-39561*	22 p3751 A67-39606
22 p3797 A67-39427	22 p3789 A67-39472	22 p3870 A67-39517 #	22 p3824 A67-39562	22 p3752 A67-39607
22 p3814 A67-39428	22 p3759 A67-39473	22 p3858 A67-39518 #	22 p3882 A67-39563	22 p3899 A67-39608 #
22 p3747 A67-39429	22 p3789 A67-39474	22 p3858 A67-39519 #	22 p3820 A67-39564 #	22 p3831 A67-39609 #
22 p3845 A67-39430	22 p3789 A67-39475	22 p3858 A67-39520 #	22 p3820 A67-39565 #	22 p3831 A67-39610
22 p3845 A67-39431	22 p3789 A67-39476	22 p3858 A67-39521 #	22 p3768 A67-39566	22 p3831 A67-39611
22 p3827 A67-39432 #	22 p3789 A67-39477	22 p3815 A67-39522 #	22 p3768 A67-39567	22 p3828 A67-39612
22 p3759 A67-39433 #	22 p3759 A67-39478	22 p3899 A67-39523	22 p3798 A67-39568 #	22 p3900 A67-39613 #
22 p3840 A67-39434*	22 p3789 A67-39479	22 p3831 A67-39524*	22 p3798 A67-39569 #	22 p3815 A67-39614
22 p3840 A67-39435*	22 p3910 A67-39480	22 p3867 A67-39525	22 p3858 A67-39570 #	22 p3847 A67-39615
22 p3814 A67-39436	22 p3916 A67-39481	22 p3881 A67-39526	22 p3769 A67-39571 #	22 p3882 A67-39616
22 p3856 A67-39437	22 p3845 A67-39482	22 p3739 A67-39527	22 p3769 A67-39572 #	22 p3900 A67-39617
22 p3856 A67-39438*	22 p3845 A67-39483	22 p3782 A67-39528 #	22 p3858 A67-39573 #	22 p3745 A67-39618
22 p3856 A67-39439	22 p3845 A67-39484	22 p3782 A67-39529*#	22 p3858 A67-39574 #	22 p3882 A67-39619*#
22 p3857 A67-39440	22 p3846 A67-39485	22 p3739 A67-39530 #	22 p3858 A67-39575 #	22 p3870 A67-39620 #
22 p3811 A67-39441	22 p3846 A67-39486	22 p3783 A67-39531 #	22 p3769 A67-39576 #	22 p3847 A67-39621 #
22 p3756 A67-39442	22 p3846 A67-39487	22 p3922 A67-39532	22 p3769 A67-39577 #	22 p3882 A67-39622*#
22 p3757 A67-39443*	22 p3846 A67-39488	22 p3899 A67-39533	22 p3859 A67-39578 #	22 p3760 A67-39623 #
22 p3757 A67-39444*	22 p3866 A67-39489	22 p3812 A67-39534 #	22 p3859 A67-39579 #	22 p3760 A67-39624 #
22 p3814 A67-39445	22 p3857 A67-39490 #	22 p3739 A67-39535 #	22 p3769 A67-39580 #	22 p3859 A67-39625 #
22 p3811 A67-39446 #	22 p3857 A67-39491 #	22 p3797 A67-39536 #	22 p3769 A67-39581 #	22 p3798 A67-39626 #
22 p3811 A67-39447 #	22 p3797 A67-39492*#	22 p3922 A67-39537 #	22 p3840 A67-39582*	22 p3760 A67-39627 #
22 p3812 A67-39448 #	22 p3768 A67-39493 #	22 p3867 A67-39538 #	22 p3757 A67-39583	22 p3760 A67-39628 #
22 p3819 A67-39449 #	22 p3881 A67-39494	22 p3867 A67-39539 #	22 p3917 A67-39584	22 p3769 A67-39629 #
22 p3797 A67-39450	22 p3881 A67-39495	22 p3744 A67-39540 #	22 p3757 A67-39585	22 p3820 A67-39630
22 p3797 A67-39451	22 p3881 A67-39496	22 p3812 A67-39541 #	22 p3917 A67-39586	22 p3769 A67-39631
22 p3910 A67-39452 #	22 p3789 A67-39497	22 p3797 A67-39542 #	22 p3754 A67-39587*	22 p3783 A67-39632
22 p3910 A67-39453 #	22 p3824 A67-39498	22 p3812 A67-39543 #	22 p3831 A67-39588 #	22 p3798 A67-39633
22 p3910 A67-39454 #	22 p3911 A67-39499	22 p3868 A67-39544 #	22 p3882 A67-39589 #	22 p3757 A67-39634
22 p3910 A67-39455 #	22 p3782 A67-39500	22 p3798 A67-39545 #	22 p3820 A67-39590	22 p3757 A67-39635*
22 p3910 A67-39456 #	22 p3846 A67-39501 #	22 p3868 A67-39546 #	22 p3882 A67-39591	22 p3757 A67-39636*
22 p3819 A67-39457*#	22 p3857 A67-39502 #	22 p3744 A67-39547 #	22 p3760 A67-39592	22 p3757 A67-39637*
22 p3814 A67-39458	22 p3846 A67-39503 #	22 p3744 A67-39548 #	22 p3750 A67-39593	22 p3758 A67-39638*
22 p3857 A67-39459	22 p3857 A67-39504 #	22 p3911 A67-39549 #	22 p3750 A67-39594	22 p3867 A67-39639
22 p3857 A67-39460	22 p3846 A67-39505 #	22 p3798 A67-39550 #	22 p3750 A67-39595	22 p3917 A67-39640

ACCESSION NUMBER INDEX

22 p3847 A67-39641	22 p3912 A67-39686 #	22 p3770 A67-39731	22 p3776 A67-39776 #	22 p3873 A67-39821 #
22 p3847 A67-39642	22 p3848 A67-39687	22 p3770 A67-39732	22 p3777 A67-39777 #	22 p3873 A67-39822 #
22 p3847 A67-39643	22 p3848 A67-39688	22 p3745 A67-39733	22 p3777 A67-39778 #	22 p3820 A67-39823 #
22 p3847 A67-39644	22 p3848 A67-39689	22 p3760 A67-39734 #	22 p3912 A67-39779 #	22 p3820 A67-39824 #
22 p3790 A67-39645	22 p3848 A67-39690*	22 p3851 A67-39735 #	22 p3799 A67-39780	22 p3821 A67-39825 #
22 p3783 A67-39646	22 p3848 A67-39691	22 p3851 A67-39736 #	22 p3784 A67-39781	22 p3784 A67-39826 #
22 p3776 A67-39647	22 p3848 A67-39692	22 p3760 A67-39737 #	22 p3918 A67-39782	22 p3771 A67-39827 #
22 p3917 A67-39648	22 p3848 A67-39693	22 p3815 A67-39738 #	22 p3912 A67-39783 #	22 p3777 A67-39828
22 p3847 A67-39649	22 p3848 A67-39694	22 p3761 A67-39739 #	22 p3815 A67-39784 #	22 p3777 A67-39829
22 p3848 A67-39650	22 p3848 A67-39695	22 p3824 A67-39740*	22 p3851 A67-39785 #	22 p3777 A67-39830
22 p3815 A67-39651	22 p3849 A67-39696	22 p3918 A67-39741	22 p3918 A67-39786 #	22 p3761 A67-39831
22 p3859 A67-39652	22 p3849 A67-39697	22 p3918 A67-39742	22 p3761 A67-39787 #	22 p3771 A67-39832
22 p3859 A67-39653	22 p3849 A67-39698	22 p3912 A67-39743	22 p3820 A67-39788	22 p3884 A67-39833 #
22 p3770 A67-39654	22 p3849 A67-39699	22 p3827 A67-39744	22 p3820 A67-39789	22 p3771 A67-39834
22 p3770 A67-39655	22 p3849 A67-39700	22 p3812 A67-39745	22 p3820 A67-39790	22 p3771 A67-39835
22 p3770 A67-39656	22 p3849 A67-39701*	22 p3812 A67-39746	22 p3820 A67-39791	22 p3784 A67-39836 #
22 p3770 A67-39657	22 p3849 A67-39702	22 p3776 A67-39747	22 p3820 A67-39792	22 p3745 A67-39837 #
22 p3770 A67-39658	22 p3850 A67-39703*	22 p3912 A67-39748*	22 p3820 A67-39793	22 p3771 A67-39838 #
22 p3770 A67-39659	22 p3783 A67-39704	22 p3799 A67-39749*	22 p3820 A67-39794	22 p3777 A67-39839 #
22 p3760 A67-39660	22 p3850 A67-39705	22 p3831 A67-39750	22 p3790 A67-39795*#	22 p3771 A67-39840
22 p3770 A67-39661	22 p3850 A67-39706	22 p3745 A67-39751	22 p3871 A67-39796*#	22 p3771 A67-39841
22 p3770 A67-39662	22 p3850 A67-39707	22 p3912 A67-39752	22 p3871 A67-39797*#	22 p3771 A67-39842
22 p3745 A67-39663 #	22 p3850 A67-39708	22 p3745 A67-39753	22 p3871 A67-39798*#	22 p3868 A67-39843 #
22 p3760 A67-39664 #	22 p3783 A67-39709*	22 p3799 A67-39754	22 p3871 A67-39799*#	22 p3868 A67-39844*#
22 p3828 A67-39665	22 p3917 A67-39710	22 p3912 A67-39755	22 p3790 A67-39800*#	22 p3746 A67-39845 #
22 p3911 A67-39666 #	22 p3850 A67-39711	22 p3780 A67-39756	22 p3871 A67-39801*#	22 p3746 A67-39846 #
22 p3882 A67-39667	22 p3917 A67-39712	22 p3761 A67-39757 #	22 p3872 A67-39802*#	22 p3755 A67-39847
22 p3883 A67-39668	22 p3917 A67-39713	22 p3761 A67-39758 #	22 p3872 A67-39803 #	22 p3755 A67-39848
22 p3883 A67-39669	22 p3917 A67-39714*	22 p3815 A67-39759 #	22 p3790 A67-39804*#	22 p3755 A67-39849
22 p3870 A67-39670*	22 p3918 A67-39715	22 p3815 A67-39760 #	22 p3790 A67-39805 #	22 p3824 A67-39850
22 p3883 A67-39671	22 p3918 A67-39716	22 p3815 A67-39761 #	22 p3791 A67-39806 #	22 p3824 A67-39851*
22 p3870 A67-39672	22 p3850 A67-39717*	22 p3761 A67-39762 #	22 p3791 A67-39807 #	22 p3825 A67-39852
22 p3870 A67-39673*	22 p3841 A67-39718	22 p3770 A67-39763 #	22 p3791 A67-39808*#	22 p3825 A67-39853
22 p3883 A67-39674	22 p3836 A67-39719	22 p3799 A67-39764 #	22 p3872 A67-39809*#	22 p3825 A67-39854
22 p3790 A67-39675	22 p3783 A67-39720	22 p3815 A67-39765 #	22 p3872 A67-39810*#	22 p3825 A67-39855
22 p3870 A67-39676	22 p3850 A67-39721	22 p3758 A67-39766 #	22 p3872 A67-39811*#	22 p3825 A67-39856
22 p3871 A67-39677	22 p3850 A67-39722	22 p3883 A67-39767 #	22 p3872 A67-39812*#	22 p3812 A67-39857
22 p3911 A67-39678	22 p3783 A67-39723	22 p3883 A67-39768 #	22 p3873 A67-39813*#	22 p3825 A67-39858
22 p3911 A67-39679	22 p3851 A67-39724*	22 p3799 A67-39769	22 p3791 A67-39814 #	22 p3825 A67-39859
22 p3911 A67-39680	22 p3851 A67-39725	22 p3859 A67-39770	22 p3791 A67-39815 #	22 p3826 A67-39860
22 p3911 A67-39681*	22 p3745 A67-39726 #	22 p3799 A67-39771	22 p3799 A67-39816*#	22 p3761 A67-39861
22 p3783 A67-39682 #	22 p3783 A67-39727 #	22 p3851 A67-39772	22 p3883 A67-39817*#	22 p3771 A67-39862
22 p3911 A67-39683 #	22 p3745 A67-39728 #	22 p3770 A67-39773	22 p3791 A67-39818 #	22 p3772 A67-39863
22 p3911 A67-39684 #	22 p3912 A67-39729 #	22 p3799 A67-39774	22 p3791 A67-39819*#	22 p3777 A67-39864
22 p3912 A67-39685 #	22 p3770 A67-39730	22 p3836 A67-39775 #	22 p3792 A67-39820 #	22 p3764 A67-39865

ACCESSION NUMBER INDEX

22 p3764 A67-39866	22 p3800 A67-39911	22 p3903 A67-39956	22 p3862 A67-40001*	22 p3874 A67-40046 #
22 p3761 A67-39867 #	22 p3765 A67-39912	22 p3831 A67-39957*	22 p3863 A67-40002*	22 p3874 A67-40047 #
22 p3761 A67-39868 #	22 p3860 A67-39913	22 p3884 A67-39958	22 p3863 A67-40003*	22 p3874 A67-40048 #
22 p3772 A67-39869 #	22 p3861 A67-39914*	22 p3885 A67-39959	22 p3913 A67-40004 #	22 p3853 A67-40049
22 p3762 A67-39870 #	22 p3812 A67-39915	22 p3762 A67-39960	22 p3913 A67-40005 #	22 p3841 A67-40050
22 p3772 A67-39871 #	22 p3773 A67-39916	22 p3773 A67-39961	22 p3837 A67-40006 #	22 p3821 A67-40051
22 p3762 A67-39872 #	22 p3861 A67-39917 #	22 p3922 A67-39962	22 p3837 A67-40007 #	22 p3821 A67-40052
22 p3772 A67-39873 #	22 p3861 A67-39918 #	22 p3885 A67-39963*	22 p3913 A67-40008 #	22 p3821 A67-40053
22 p3762 A67-39874 #	22 p3861 A67-39919 #	22 p3832 A67-39964*	22 p3913 A67-40009 #	22 p3821 A67-40054
22 p3772 A67-39875 #	22 p3773 A67-39920 #	22 p3832 A67-39965	22 p3785 A67-40010 #	22 p3822 A67-40055
22 p3762 A67-39876 #	22 p3816 A67-39921 #	22 p3832 A67-39966	22 p3853 A67-40011 #	22 p3822 A67-40056
22 p3827 A67-39877 #	22 p3861 A67-39922 #	22 p3784 A67-39967*	22 p3785 A67-40012 #	22 p3822 A67-40057
22 p3827 A67-39878 #	22 p3816 A67-39923 #	22 p3784 A67-39968*	22 p3785 A67-40013 #	22 p3822 A67-40058*
22 p3837 A67-39879 #	22 p3861 A67-39924 #	22 p3785 A67-39969*	22 p3740 A67-40014 #	22 p3822 A67-40059
22 p3873 A67-39880 #	22 p3884 A67-39925	22 p3903 A67-39970	22 p3741 A67-40015 #	22 p3822 A67-40060
22 p3837 A67-39881 #	22 p3900 A67-39926*	22 p3785 A67-39971*	22 p3741 A67-40016 #	22 p3773 A67-40061
22 p3746 A67-39882	22 p3829 A67-39927*	22 p3829 A67-39972 #	22 p3741 A67-40017 #	22 p3922 A67-40062
22 p3746 A67-39883	22 p3901 A67-39928*	22 p3873 A67-39973	22 p3785 A67-40018 #	22 p3780 A67-40063
22 p3900 A67-39884	22 p3873 A67-39929*	22 p3792 A67-39974 #	22 p3785 A67-40019 #	22 p3904 A67-40064
22 p3913 A67-39885	22 p3884 A67-39930*	22 p3792 A67-39975*#	22 p3786 A67-40020 #	22 p3922 A67-40065
22 p3831 A67-39886	22 p3873 A67-39931*	22 p3885 A67-39976*#	22 p3741 A67-40021 #	22 p3914 A67-40066
22 p3826 A67-39887	22 p3792 A67-39932	22 p3885 A67-39977*#	22 p3741 A67-40022 #	22 p3746 A67-40067
22 p3900 A67-39888	22 p3792 A67-39933*	22 p3885 A67-39978*#	22 p3853 A67-40023 #	22 p3786 A67-40068
22 p3755 A67-39889	22 p3901 A67-39934	22 p3793 A67-39979 #	22 p3853 A67-40024 #	22 p3800 A67-40069
22 p3868 A67-39890	22 p3739 A67-39935	22 p3885 A67-39980 #	22 p3741 A67-40025 #	22 p3777 A67-40070
22 p3821 A67-39891	22 p3740 A67-39936	22 p3800 A67-39981 #	22 p3741 A67-40026 #	22 p3837 A67-40071
22 p3800 A67-39892	22 p3740 A67-39937	22 p3913 A67-39982*	22 p3741 A67-40027 #	22 p3837 A67-40072 #
22 p3747 A67-39893	22 p3902 A67-39938	22 p3851 A67-39983	22 p3786 A67-40028 #	22 p3841 A67-40073 #
22 p3792 A67-39894	22 p3902 A67-39939	22 p3851 A67-39984	22 p3786 A67-40029 #	22 p3786 A67-40074 #
22 p3859 A67-39895	22 p3902 A67-39940	22 p3851 A67-39985	22 p3873 A67-40030	22 p3853 A67-40075 #
22 p3860 A67-39896	22 p3740 A67-39941	22 p3852 A67-39986*	22 p3874 A67-40031	22 p3762 A67-40076
22 p3772 A67-39897	22 p3902 A67-39942	22 p3852 A67-39987	22 p3793 A67-40032	22 p3793 A67-40077*
22 p3764 A67-39898	22 p3740 A67-39943*	22 p3852 A67-39988	22 p3821 A67-40033	22 p3793 A67-40078
22 p3765 A67-39899	22 p3740 A67-39944	22 p3852 A67-39989	22 p3913 A67-40034 #	22 p3874 A67-40079*
22 p3747 A67-39900	22 p3784 A67-39945	22 p3852 A67-39990	22 p3913 A67-40035 #	22 p3793 A67-40080
22 p3860 A67-39901	22 p3784 A67-39946*	22 p3852 A67-39991	22 p3913 A67-40036 #	22 p3885 A67-40081
22 p3860 A67-39902*	22 p3902 A67-39947	22 p3852 A67-39992	22 p3913 A67-40037 #	22 p3793 A67-40082*
22 p3860 A67-39903*	22 p3902 A67-39948	22 p3837 A67-39993*	22 p3913 A67-40038 #	22 p3794 A67-40083
22 p3765 A67-39904	22 p3884 A67-39949	22 p3861 A67-39994*	22 p3786 A67-40039 #	22 p3868 A67-40084 #
22 p3772 A67-39905	22 p3903 A67-39950*	22 p3861 A67-39995	22 p3914 A67-40040 #	22 p3886 A67-40085 #
22 p3772 A67-39906	22 p3765 A67-39951	22 p3861 A67-39996	22 p3918 A67-40041 #	22 p3886 A67-40086 #
22 p3772 A67-39907	22 p3903 A67-39952	22 p3862 A67-39997	22 p3918 A67-40042 #	22 p3755 A67-40087*#
22 p3773 A67-39908	22 p3903 A67-39953*	22 p3862 A67-39998	22 p3793 A67-40043 #	22 p3826 A67-40088 #
22 p3773 A67-39909	22 p3827 A67-39954*	22 p3862 A67-39999*	22 p3793 A67-40044 #	22 p3904 A67-40089 #
22 p3765 A67-39910	22 p3884 A67-39955	22 p3862 A67-40000	22 p3874 A67-40045 #	22 p3904 A67-40090*#

ACCESSION NUMBER INDEX

22 p3780 A67-40091 #	22 p3886 A67-40136	22 p3813 A67-40181*	22 p3748 A67-40226	22 p3842 A67-40271
22 p3918 A67-40092 #	22 p3887 A67-40137	22 p3914 A67-40182	22 p3758 A67-40227*	22 p3877 A67-40272
22 p3741 A67-40093 #	22 p3887 A67-40138*	22 p3834 A67-40183	22 p3748 A67-40228	22 p3877 A67-40273
22 p3886 A67-40094*#	22 p3800 A67-40139	22 p3800 A67-40184*	22 p3748 A67-40229	22 p3877 A67-40274
22 p3780 A67-40095 #	22 p3887 A67-40140*	22 p3800 A67-40185	22 p3749 A67-40230	22 p3877 A67-40275
22 p3786 A67-40096 #	22 p3887 A67-40141*	22 p3833 A67-40186	22 p3749 A67-40231	22 p3877 A67-40276
22 p3904 A67-40097*#	22 p3887 A67-40142*	22 p3907 A67-40187	22 p3829 A67-40232	22 p3877 A67-40277
22 p3742 A67-40098 #	22 p3887 A67-40143*	22 p3801 A67-40188	22 p3801 A67-40233*	22 p3877 A67-40278
22 p3832 A67-40099 #	22 p3888 A67-40144*	22 p3888 A67-40189*	22 p3853 A67-40234*	22 p3877 A67-40279
22 p3780 A67-40100*#	22 p3832 A67-40145	22 p3914 A67-40190	22 p3863 A67-40235	22 p3877 A67-40280
22 p3868 A67-40101 #	22 p3832 A67-40146*	22 p3914 A67-40191	22 p3863 A67-40236	22 p3877 A67-40281
22 p3742 A67-40102 #	22 p3888 A67-40147*	22 p3787 A67-40192	22 p3816 A67-40237	22 p3877 A67-40282
22 p3904 A67-40103 #	22 p3888 A67-40148	22 p3914 A67-40193	22 p3863 A67-40238	22 p3878 A67-40283
22 p3786 A67-40104*#	22 p3833 A67-40149	22 p3907 A67-40194	22 p3874 A67-40239 #	22 p3878 A67-40284
22 p3904 A67-40105 #	22 p3787 A67-40150	22 p3833 A67-40195*	22 p3889 A67-40240*	22 p3878 A67-40285
22 p3800 A67-40106*#	22 p3748 A67-40151	22 p3834 A67-40196	22 p3816 A67-40241	22 p3878 A67-40286
22 p3886 A67-40107*#	22 p3906 A67-40152	22 p3822 A67-40197 #	22 p3853 A67-40242	22 p3878 A67-40287
22 p3914 A67-40108 #	22 p3780 A67-40153	22 p3863 A67-40198	22 p3854 A67-40243	22 p3878 A67-40288
22 p3742 A67-40109 #	22 p3755 A67-40154	22 p3748 A67-40199	22 p3863 A67-40244	22 p3802 A67-40289
22 p3904 A67-40110*#	22 p3746 A67-40155*	22 p3888 A67-40200	22 p3864 A67-40245*	22 p3802 A67-40290
22 p3826 A67-40111 #	22 p3777 A67-40156	22 p3826 A67-40201 #	22 p3874 A67-40246	22 p3802 A67-40291
22 p3742 A67-40112 #	22 p3778 A67-40157*	22 p3841 A67-40202 #	22 p3876 A67-40247	22 p3802 A67-40292
22 p3742 A67-40113*#	22 p3833 A67-40158*	22 p3863 A67-40203 #	22 p3801 A67-40248	22 p3802 A67-40293
22 p3742 A67-40114*#	22 p3833 A67-40159*	22 p3863 A67-40204 #	22 p3801 A67-40249	22 p3803 A67-40294*
22 p3919 A67-40115 #	22 p3834 A67-40160	22 p3888 A67-40205	22 p3876 A67-40250	22 p3803 A67-40295
22 p3886 A67-40116 #	22 p3868 A67-40161	22 p3889 A67-40206	22 p3876 A67-40251	22 p3803 A67-40296*
22 p3742 A67-40117 #	22 p3834 A67-40162	22 p3889 A67-40207	22 p3841 A67-40252	22 p3803 A67-40297
22 p3742 A67-40118 #	22 p3906 A67-40163	22 p3823 A67-40208	22 p3841 A67-40253	22 p3803 A67-40298
22 p3886 A67-40119 #	22 p3906 A67-40164	22 p3823 A67-40209	22 p3841 A67-40254	22 p3804 A67-40299
22 p3886 A67-40120 #	22 p3906 A67-40165*	22 p3823 A67-40210	22 p3842 A67-40255	22 p3823 A67-40300
22 p3794 A67-40121 #	22 p3743 A67-40166*	22 p3823 A67-40211	22 p3842 A67-40256	22 p3915 A67-40301
22 p3762 A67-40122 #	22 p3907 A67-40167	22 p3801 A67-40212	22 p3842 A67-40257	22 p3804 A67-40302
22 p3762 A67-40123 #	22 p3743 A67-40168	22 p3837 A67-40213 #	22 p3876 A67-40258	22 p3889 A67-40303 #
22 p3853 A67-40124 #	22 p3869 A67-40169	22 p3801 A67-40214 #	22 p3876 A67-40259	22 p3889 A67-40304 #
22 p3763 A67-40125 #	22 p3869 A67-40170*	22 p3801 A67-40215 #	22 p3876 A67-40260	22 p3773 A67-40305
22 p3816 A67-40126 #	22 p3869 A67-40171	22 p3853 A67-40216 #	22 p3876 A67-40261	22 p3763 A67-40306
22 p3886 A67-40127 #	22 p3834 A67-40172	22 p3801 A67-40217 #	22 p3876 A67-40262	22 p3773 A67-40307
22 p3816 A67-40128 #	22 p3869 A67-40173*	22 p3813 A67-40218	22 p3876 A67-40263	22 p3763 A67-40308
22 p3746 A67-40129 #	22 p3743 A67-40174	22 p3813 A67-40219	22 p3842 A67-40264	22 p3773 A67-40309
22 p3746 A67-40130 #	22 p3743 A67-40175 #	22 p3915 A67-40220	22 p3876 A67-40265	22 p3864 A67-40310
22 p3868 A67-40131 #	22 p3787 A67-40176	22 p3787 A67-40221	22 p3876 A67-40266	22 p3763 A67-40311
22 p3748 A67-40132 #	22 p3907 A67-40177	22 p3743 A67-40222	22 p3876 A67-40267	22 p3816 A67-40312
22 p3742 A67-40133 #	22 p3907 A67-40178	22 p3919 A67-40223	22 p3877 A67-40268	22 p3763 A67-40313
22 p3904 A67-40134*	22 p3787 A67-40179*	22 p3919 A67-40224*	22 p3877 A67-40269	22 p3864 A67-40314
22 p3787 A67-40135*	22 p3907 A67-40180	22 p3787 A67-40225	22 p3877 A67-40270	22 p3763 A67-40315

ACCESSION NUMBER INDEX

22 p3854 A67-40316	22 p3806 A67-40361	22 p3765 A67-40406	22 p3746 A67-40451 #	22 p3892 A67-40496 #
22 p3854 A67-40317	22 p3806 A67-40362*#	22 p3889 A67-40407	22 p3743 A67-40452 #	22 p3892 A67-40497 #
22 p3816 A67-40318*	22 p3794 A67-40363	22 p3763 A67-40408	22 p3869 A67-40453 #	22 p3892 A67-40498 #
22 p3854 A67-40319	22 p3794 A67-40364	22 p3750 A67-40409	22 p3916 A67-40454 #	22 p3892 A67-40499 #
22 p3816 A67-40320	22 p3794 A67-40365	22 p3755 A67-40410	22 p3921 A67-40455 #	22 p3892 A67-40500 #
22 p3816 A67-40321	22 p3806 A67-40366	22 p3774 A67-40411	22 p3870 A67-40456 #	22 p3893 A67-40501 #
22 p3774 A67-40322	22 p3806 A67-40367	22 p3817 A67-40412 #	22 p3921 A67-40457 #	22 p3893 A67-40502 #
22 p3864 A67-40323 #	22 p3807 A67-40368	22 p3817 A67-40413 #	22 p3916 A67-40458 #	22 p3854 A67-40503 #
22 p3788 A67-40324	22 p3807 A67-40369	22 p3817 A67-40414 #	22 p3774 A67-40459	22 p3893 A67-40504*#
22 p3919 A67-40325 #	22 p3829 A67-40370	22 p3817 A67-40415 #	22 p3763 A67-40460	22 p3893 A67-40505*#
22 p3823 A67-40326 #	22 p3908 A67-40371	22 p3809 A67-40416 #	22 p3774 A67-40461	22 p3893 A67-40506 #
22 p3774 A67-40327	22 p3807 A67-40372	22 p3743 A67-40417	22 p3775 A67-40462	22 p3893 A67-40507 #
22 p3804 A67-40328	22 p3807 A67-40373	22 p3920 A67-40418	22 p3809 A67-40463	22 p3894 A67-40508*#
22 p3749 A67-40329	22 p3807 A67-40374	22 p3920 A67-40419	22 p3809 A67-40464	22 p3894 A67-40509 #
22 p3915 A67-40330	22 p3807 A67-40375	22 p3920 A67-40420*	22 p3775 A67-40465	22 p3894 A67-40510 #
22 p3915 A67-40331	22 p3807 A67-40376*	22 p3788 A67-40421	22 p3782 A67-40466	22 p3894 A67-40511 #
22 p3823 A67-40332	22 p3808 A67-40377	22 p3788 A67-40422	22 p3775 A67-40467	22 p3894 A67-40512 #
22 p3824 A67-40333	22 p3808 A67-40378	22 p3920 A67-40423	22 p3775 A67-40468	22 p3894 A67-40513 #
22 p3869 A67-40334	22 p3808 A67-40379	22 p3920 A67-40424*	22 p3809 A67-40469	22 p3895 A67-40514 #
22 p3834 A67-40335	22 p3808 A67-40380	22 p3889 A67-40425	22 p3829 A67-40470 #	22 p3895 A67-40515 #
22 p3908 A67-40336	22 p3864 A67-40381	22 p3794 A67-40426	22 p3829 A67-40471 #	22 p3895 A67-40516 #
22 p3763 A67-40337	22 p3889 A67-40382	22 p3889 A67-40427	22 p3890 A67-40472 #	22 p3895 A67-40517 #
22 p3763 A67-40338	22 p3919 A67-40383	22 p3890 A67-40428	22 p3890 A67-40473 #	22 p3895 A67-40518 #
22 p3749 A67-40339	22 p3781 A67-40384	22 p3890 A67-40429	22 p3794 A67-40474*#	22 p3895 A67-40519 #
22 p3755 A67-40340	22 p3915 A67-40385	22 p3864 A67-40430	22 p3809 A67-40475 #	22 p3896 A67-40520 #
22 p3749 A67-40341	22 p3915 A67-40386	22 p3865 A67-40431 #	22 p3809 A67-40476 #	22 p3896 A67-40521 #
22 p3781 A67-40342	22 p3919 A67-40387*	22 p3809 A67-40432 #	22 p3809 A67-40477 #	22 p3810 A67-40522
22 p3781 A67-40343	22 p3838 A67-40388	22 p3865 A67-40433 #	22 p3763 A67-40478 #	22 p3810 A67-40523
22 p3774 A67-40344	22 p3838 A67-40389	22 p3838 A67-40434 #	22 p3809 A67-40479 #	22 p3810 A67-40524
22 p3864 A67-40345	22 p3920 A67-40390	22 p3865 A67-40435 #	22 p3809 A67-40480 #	22 p3916 A67-40525 #
22 p3842 A67-40346*	22 p3808 A67-40391	22 p3865 A67-40436*#	22 p3809 A67-40481 #	22 p3896 A67-40526 #
22 p3854 A67-40347*	22 p3920 A67-40392	22 p3865 A67-40437 #	22 p3810 A67-40482 #	22 p3854 A67-40527 #
22 p3774 A67-40348*	22 p3781 A67-40393	22 p3865 A67-40438*#	22 p3810 A67-40483 #	22 p3896 A67-40528 #
22 p3919 A67-40349*	22 p3749 A67-40394	22 p3865 A67-40439 #	22 p3810 A67-40484 #	22 p3896 A67-40529 #
22 p3804 A67-40350	22 p3808 A67-40395	22 p3865 A67-40440 #	22 p3817 A67-40485	22 p3896 A67-40530 #
22 p3817 A67-40351	22 p3838 A67-40396	22 p3866 A67-40441 #	22 p3817 A67-40486	22 p3896 A67-40531 #
22 p3805 A67-40352	22 p3838 A67-40397	22 p3920 A67-40442*	22 p3817 A67-40487	22 p3752 A67-40532
22 p3805 A67-40353	22 p3808 A67-40398	22 p3774 A67-40443*	22 p3817 A67-40488	22 p3752 A67-40533 #
22 p3805 A67-40354	22 p3749 A67-40399	22 p3774 A67-40444	22 p3817 A67-40489*	22 p3752 A67-40534 #
22 p3805 A67-40355*	22 p3781 A67-40400	22 p3746 A67-40445 #	22 p3818 A67-40490	22 p3756 A67-40535 #
22 p3805 A67-40356	22 p3781 A67-40401	22 p3778 A67-40446 #	22 p3890 A67-40491	22 p3756 A67-40536 #
22 p3805 A67-40357*	22 p3781 A67-40402	22 p3921 A67-40447 #	22 p3891 A67-40492*#	22 p3756 A67-40537 #
22 p3806 A67-40358	22 p3781 A67-40403	22 p3921 A67-40448 #	22 p3891 A67-40493 #	22 p3752 A67-40538 #
22 p3806 A67-40359*	22 p3782 A67-40404	22 p3915 A67-40449 #	22 p3891 A67-40494 #	22 p3753 A67-40539 #
22 p3806 A67-40360*	22 p3915 A67-40405	22 p3916 A67-40450 #	22 p3892 A67-40495 #	22 p3753 A67-40540 #

ACCESSION NUMBER INDEX

22 p3753 A67-40541 #	23 p4085 A67-40586 #	23 p3927 A67-40631 #	23 p4050 A67-40676 #	23 p4037 A67-40721
22 p3756 A67-40542 #	23 p4085 A67-40587*#	23 p4074 A67-40632*#	23 p3993 A67-40677 #	23 p4037 A67-40722
22 p3753 A67-40543 #	23 p3986 A67-40588 #	23 p4025 A67-40633	23 p4075 A67-40678	23 p4022 A67-40723 #
22 p3753 A67-40544 #	23 p4085 A67-40589 #	23 p4062 A67-40634	23 p4075 A67-40679 #	23 p4011 A67-40724 #
22 p3753 A67-40545 #	23 p4085 A67-40590 #	23 p4081 A67-40635	23 p4075 A67-40680 #	23 p3933 A67-40725
22 p3753 A67-40546 #	23 p4070 A67-40591 #	23 p4024 A67-40636	23 p4075 A67-40681 #	23 p3927 A67-40726
22 p3756 A67-40547 #	23 p4061 A67-40592 #	23 p3935 A67-40637 #	23 p4075 A67-40682 #	23 p3988 A67-40727
22 p3866 A67-40548	23 p4071 A67-40593 #	23 p4048 A67-40638 #	23 p4076 A67-40683 #	23 p3989 A67-40728 #
22 p3866 A67-40549	23 p3960 A67-40594 #	23 p3933 A67-40639 #	23 p4076 A67-40684 #	23 p3989 A67-40729 #
22 p3839 A67-40550	23 p4072 A67-40595 #	23 p3933 A67-40640 #	23 p4009 A67-40685 #	23 p3927 A67-40730 #
22 p3866 A67-40551	23 p4021 A67-40596 #	23 p4009 A67-40641 #	23 p4026 A67-40686 #	23 p3989 A67-40731 #
22 p3866 A67-40552	23 p4030 A67-40597 #	23 p3972 A67-40642	23 p4009 A67-40687	23 p3928 A67-40732 #
22 p3921 A67-40553	23 p3983 A67-40598 #	23 p3972 A67-40643	23 p4026 A67-40688	23 p4062 A67-40733*#
22 p3828 A67-40554	23 p3977 A67-40599 #	23 p3983 A67-40644	23 p4026 A67-40689	23 p4063 A67-40734
22 p3828 A67-40555	23 p4024 A67-40600	23 p3983 A67-40645*	23 p3977 A67-40690	23 p4076 A67-40735
22 p3778 A67-40556	23 p3988 A67-40601 #	23 p3983 A67-40646	23 p3977 A67-40691	23 p4076 A67-40736
22 p3764 A67-40557	23 p3988 A67-40602 #	23 p3983 A67-40647	23 p4011 A67-40692	23 p4076 A67-40737
22 p3764 A67-40558*	23 p3927 A67-40603 #	23 p4022 A67-40648	23 p4050 A67-40693 #	23 p4021 A67-40738
22 p3775 A67-40559	23 p4031 A67-40604 #	23 p3984 A67-40649	23 p3994 A67-40694 #	23 p4028 A67-40739*
22 p3897 A67-40560 #	23 p4072 A67-40605 #	23 p4074 A67-40650	23 p4050 A67-40695 #	23 p3998 A67-40740
22 p3810 A67-40561	23 p4072 A67-40606 #	23 p4074 A67-40651	23 p4076 A67-40696	23 p3972 A67-40741
22 p3775 A67-40562	23 p4072 A67-40607 #	23 p4035 A67-40652	23 p3998 A67-40697	23 p3972 A67-40742
22 p3744 A67-40563 #	23 p4072 A67-40608 #	23 p4017 A67-40653	23 p3975 A67-40698	23 p3978 A67-40743
23 p3993 A67-40564*	23 p4072 A67-40609 #	23 p4035 A67-40654	23 p3977 A67-40699	23 p4081 A67-40744 #
23 p3993 A67-40565	23 p4072 A67-40610*#	23 p4035 A67-40655	23 p3994 A67-40700	23 p4081 A67-40745
23 p4071 A67-40566	23 p4073 A67-40611*#	23 p4036 A67-40656	23 p3998 A67-40701 #	23 p4022 A67-40746 #
23 p3932 A67-40567 #	23 p4073 A67-40612 #	23 p4036 A67-40657	23 p4036 A67-40702 #	23 p3971 A67-40747*
23 p3985 A67-40568 #	23 p4073 A67-40613 #	23 p4017 A67-40658	23 p4036 A67-40703 #	23 p4077 A67-40748
23 p4081 A67-40569 #	23 p3988 A67-40614 #	23 p4026 A67-40659 #	23 p4036 A67-40704 #	23 p4077 A67-40749 #
23 p3986 A67-40570 #	23 p4073 A67-40615*#	23 p3977 A67-40660	23 p4036 A67-40705 #	23 p4077 A67-40750 #
23 p3997 A67-40571 #	23 p4073 A67-40616 #	23 p3977 A67-40661	23 p3986 A67-40706 #	23 p3972 A67-40751 #
23 p3997 A67-40572 #	23 p4073 A67-40617 #	23 p3977 A67-40662	23 p3978 A67-40707	23 p3984 A67-40752*
23 p3997 A67-40573	23 p4073 A67-40618 #	23 p4074 A67-40663	23 p3972 A67-40708	23 p4026 A67-40753
23 p3986 A67-40574 #	23 p3932 A67-40619 #	23 p4074 A67-40664	23 p3998 A67-40709	23 p4077 A67-40754
23 p3986 A67-40575 #	23 p4061 A67-40620	23 p4074 A67-40665	23 p4036 A67-40710 #	23 p3984 A67-40755
23 p3927 A67-40576 #	23 p4061 A67-40621	23 p4075 A67-40666	23 p4017 A67-40711	23 p4037 A67-40756
23 p4070 A67-40577 #	23 p4061 A67-40622	23 p4075 A67-40667 #	23 p4018 A67-40712	23 p4037 A67-40757
23 p3977 A67-40578 #	23 p4062 A67-40623	23 p4086 A67-40668*	23 p4036 A67-40713	23 p4037 A67-40758
23 p4084 A67-40579	23 p4062 A67-40624	23 p3927 A67-40669 #	23 p3994 A67-40714 #	23 p4037 A67-40759
23 p4084 A67-40580 #	23 p3997 A67-40625	23 p4049 A67-40670 #	23 p3994 A67-40715 #	23 p4037 A67-40760
23 p4070 A67-40581 #	23 p4062 A67-40626*	23 p4050 A67-40671 #	23 p4076 A67-40716 #	23 p4011 A67-40761
23 p4085 A67-40582 #	23 p4073 A67-40627 #	23 p4062 A67-40672 #	23 p4018 A67-40717 #	23 p4011 A67-40762
23 p4085 A67-40583 #	23 p4073 A67-40628 #	23 p4062 A67-40673 #	23 p4026 A67-40718 #	23 p3942 A67-40763
23 p4070 A67-40584*#	23 p4074 A67-40629 #	23 p4062 A67-40674 #	23 p3986 A67-40719	23 p3943 A67-40764 #
23 p4085 A67-40585 #	23 p4074 A67-40630 #	23 p3993 A67-40675 #	23 p4036 A67-40720	23 p3961 A67-40765 #

ACCESSION NUMBER INDEX

23 p3943 A67-40766 #	23 p3995 A67-40811*#	23 p3944 A67-40856*#	23 p4039 A67-40901	23 p4063 A67-40946
23 p3943 A67-40767 #	23 p4051 A67-40812 #	23 p3962 A67-40857*	23 p4013 A67-40902	23 p4064 A67-40947
23 p3943 A67-40768 #	23 p3995 A67-40813 #	23 p3962 A67-40858	23 p4013 A67-40903	23 p4064 A67-40948
23 p3943 A67-40769 #	23 p3995 A67-40814*#	23 p3996 A67-40859 #	23 p4032 A67-40904	23 p4064 A67-40949
23 p3943 A67-40770 #	23 p3996 A67-40815*#	23 p4081 A67-40860	23 p4032 A67-40905	23 p4064 A67-40950
23 p3943 A67-40771 #	23 p3996 A67-40816*#	23 p4022 A67-40861	23 p3989 A67-40906	23 p4064 A67-40951
23 p3943 A67-40772 #	23 p4051 A67-40817 #	23 p4022 A67-40862	23 p4013 A67-40907	23 p4064 A67-40952
23 p3944 A67-40773 #	23 p3996 A67-40818 #	23 p4023 A67-40863*	23 p4013 A67-40908	23 p4065 A67-40953
23 p4038 A67-40774*	23 p3998 A67-40819*	23 p4023 A67-40864	23 p4051 A67-40909	23 p4065 A67-40954
23 p3994 A67-40775	23 p4022 A67-40820	23 p4023 A67-40865*	23 p4032 A67-40910	23 p4029 A67-40955*
23 p4050 A67-40776	23 p4022 A67-40821	23 p4048 A67-40866 #	23 p4032 A67-40911	23 p4029 A67-40956*
23 p4063 A67-40777	23 p4022 A67-40822	23 p4071 A67-40867 #	23 p4009 A67-40912*	23 p4032 A67-40957
23 p3994 A67-40778	23 p3944 A67-40823*	23 p3998 A67-40868	23 p4051 A67-40913 #	23 p4029 A67-40958*
23 p3994 A67-40779	23 p3978 A67-40824*	23 p4012 A67-40869	23 p4051 A67-40914 #	23 p4029 A67-40959*
23 p3994 A67-40780	23 p3978 A67-40825	23 p3984 A67-40870	23 p4051 A67-40915 #	23 p4032 A67-40960
23 p4021 A67-40781*	23 p3978 A67-40826*	23 p4018 A67-40871 #	23 p3999 A67-40916	23 p4032 A67-40961
23 p4031 A67-40782*	23 p3978 A67-40827	23 p4018 A67-40872 #	23 p4086 A67-40917*#	23 p4033 A67-40962
23 p4011 A67-40783	23 p3979 A67-40828	23 p3989 A67-40873	23 p4086 A67-40918 #	23 p4029 A67-40963
23 p4011 A67-40784	23 p3979 A67-40829*	23 p4038 A67-40874	23 p4086 A67-40919 #	23 p4013 A67-40964
23 p4038 A67-40785*	23 p3979 A67-40830	23 p3979 A67-40875	23 p4086 A67-40920*#	23 p4013 A67-40965
23 p4011 A67-40786	23 p3979 A67-40831	23 p4012 A67-40876	23 p4086 A67-40921 #	23 p4029 A67-40966
23 p4018 A67-40787	23 p3972 A67-40832*	23 p4012 A67-40877	23 p4063 A67-40922	23 p4040 A67-40967
23 p3978 A67-40788	23 p3979 A67-40833	23 p4038 A67-40878	23 p4023 A67-40923 #	23 p4040 A67-40968
23 p4011 A67-40789	23 p3979 A67-40834	23 p4039 A67-40879	23 p4023 A67-40924 #	23 p3971 A67-40969
23 p4038 A67-40790*	23 p3973 A67-40835	23 p3973 A67-40880*	23 p4027 A67-40925 #	23 p3971 A67-40970
23 p4077 A67-40791	23 p3973 A67-40836 #	23 p4031 A67-40881	23 p4023 A67-40926 #	23 p4029 A67-40971*
23 p4012 A67-40792	23 p3973 A67-40837	23 p3973 A67-40882	23 p3980 A67-40927	23 p4029 A67-40972
23 p4031 A67-40793	23 p3973 A67-40838	23 p4012 A67-40883	23 p4018 A67-40928 #	23 p4024 A67-40973
23 p4038 A67-40794	23 p3973 A67-40839	23 p4039 A67-40884	23 p3989 A67-40929 #	23 p3971 A67-40974
23 p4038 A67-40795	23 p3973 A67-40840	23 p4039 A67-40885	23 p3989 A67-40930 #	23 p3971 A67-40975
23 p4038 A67-40796	23 p4022 A67-40841	23 p4031 A67-40886*	23 p4039 A67-40931	23 p4030 A67-40976
23 p3978 A67-40797	23 p3961 A67-40842	23 p4081 A67-40887	23 p4039 A67-40932	23 p4030 A67-40977*
23 p3978 A67-40798	23 p3961 A67-40843*	23 p4031 A67-40888	23 p4039 A67-40933	23 p4048 A67-40978 #
23 p4063 A67-40799*	23 p3998 A67-40844	23 p4031 A67-40889	23 p4039 A67-40934	23 p4048 A67-40979 #
23 p4063 A67-40800*	23 p3961 A67-40845*	23 p3980 A67-40890	23 p4039 A67-40935	23 p3928 A67-40980 #
23 p3944 A67-40801*	23 p3935 A67-40846*	23 p4012 A67-40891	23 p4039 A67-40936	23 p3933 A67-40981 #
23 p3995 A67-40802*#	23 p3986 A67-40847*	23 p4031 A67-40892	23 p3980 A67-40937	23 p3987 A67-40982*#
23 p3995 A67-40803 #	23 p3935 A67-40848	23 p4012 A67-40893	23 p4039 A67-40938	23 p3933 A67-40983 #
23 p3995 A67-40804*#	23 p3998 A67-40849*	23 p4012 A67-40894	23 p4039 A67-40939	23 p3933 A67-40984 #
23 p4050 A67-40805 #	23 p3986 A67-40850*	23 p4013 A67-40895	23 p4040 A67-40940	23 p3933 A67-40985 #
23 p3995 A67-40806 #	23 p3961 A67-40851*	23 p3998 A67-40896*	23 p4040 A67-40941	23 p4048 A67-40986 #
23 p3995 A67-40807 #	23 p3962 A67-40852*	23 p4032 A67-40897*	23 p4040 A67-40942	23 p4049 A67-40987 #
23 p4050 A67-40808*#	23 p3962 A67-40853*	23 p4063 A67-40898	23 p4040 A67-40943	23 p3928 A67-40988 #
23 p4051 A67-40809*#	23 p3962 A67-40854	23 p4018 A67-40899	23 p4040 A67-40944	23 p3933 A67-40989 #
23 p4051 A67-40810*#	23 p3987 A67-40855	23 p4018 A67-40900	23 p4040 A67-40945	23 p4025 A67-40990 #

ACCESSION NUMBER INDEX

23 p3987 A67-40991 #	23 p4015 A67-41036	23 p3980 A67-41081	23 p4058 A67-41126 #	23 p3990 A67-41171 #
23 p3933 A67-40992 #	23 p4066 A67-41037	23 p3996 A67-41082	23 p4058 A67-41127 #	23 p3990 A67-41172 #
23 p4082 A67-40993	23 p4015 A67-41038 #	23 p3996 A67-41083	23 p4058 A67-41128 #	23 p3990 A67-41173 #
23 p4024 A67-40994	23 p3973 A67-41039	23 p4024 A67-41084*	23 p4059 A67-41129 #	23 p3990 A67-41174 #
23 p4033 A67-40995	23 p3999 A67-41040	23 p3996 A67-41085	23 p4059 A67-41130 #	23 p3991 A67-41175 #
23 p4027 A67-40996	23 p3971 A67-41041*	23 p4024 A67-41086*	23 p4059 A67-41131 #	23 p3928 A67-41176 #
23 p4082 A67-40997	23 p4082 A67-41042	23 p3945 A67-41087*	23 p4059 A67-41132 #	23 p3974 A67-41177 #
23 p4065 A67-40998	23 p3980 A67-41043	23 p3999 A67-41088*	23 p4059 A67-41133 #	23 p3996 A67-41178 #
23 p3944 A67-40999*	23 p4049 A67-41044	23 p4051 A67-41089	23 p4059 A67-41134 #	23 p3999 A67-41179
23 p4065 A67-41000	23 p4019 A67-41045	23 p4053 A67-41090 #	23 p4059 A67-41135 #	23 p3999 A67-41180
23 p4065 A67-41001	23 p4077 A67-41046	23 p4054 A67-41091 #	23 p4059 A67-41136 #	23 p4040 A67-41181
23 p4065 A67-41002	23 p4077 A67-41047	23 p4054 A67-41092 #	23 p4060 A67-41137 #	23 p4041 A67-41182
23 p4065 A67-41003*	23 p4023 A67-41048*	23 p4054 A67-41093 #	23 p4060 A67-41138 #	23 p4041 A67-41183
23 p4065 A67-41004*	23 p4015 A67-41049	23 p4054 A67-41094 #	23 p4027 A67-41139 #	23 p4041 A67-41184
23 p4065 A67-41005	23 p4015 A67-41050	23 p4054 A67-41095 #	23 p3989 A67-41140 #	23 p4041 A67-41185
23 p4027 A67-41006*	23 p3962 A67-41051	23 p4054 A67-41096 #	23 p4082 A67-41141 #	23 p3980 A67-41186
23 p4066 A67-41007*	23 p3962 A67-41052	23 p4054 A67-41097 #	23 p4082 A67-41142 #	23 p4028 A67-41187 #
23 p4066 A67-41008	23 p4015 A67-41053	23 p4055 A67-41098 #	23 p4027 A67-41143	23 p4028 A67-41188 #
23 p4066 A67-41009	23 p4015 A67-41054	23 p4055 A67-41099 #	23 p3935 A67-41144	23 p3980 A67-41189
23 p4066 A67-41010	23 p3976 A67-41055	23 p4055 A67-41100 #	23 p3999 A67-41145	23 p4033 A67-41190
23 p4066 A67-41011	23 p3976 A67-41056	23 p4055 A67-41101 #	23 p4027 A67-41146	23 p4016 A67-41191
23 p4066 A67-41012	23 p3976 A67-41057	23 p4055 A67-41102 #	23 p4027 A67-41147	23 p4016 A67-41192
23 p4066 A67-41013	23 p3976 A67-41058	23 p4055 A67-41103 #	23 p4027 A67-41148	23 p4016 A67-41193
23 p4066 A67-41014*	23 p3976 A67-41059	23 p4055 A67-41104 #	23 p4028 A67-41149	23 p4041 A67-41194
23 p4009 A67-41015	23 p3976 A67-41060	23 p4056 A67-41105 #	23 p4028 A67-41150	23 p4078 A67-41195 #
23 p4040 A67-41016	23 p4040 A67-41061 #	23 p4056 A67-41106 #	23 p4033 A67-41151	23 p4078 A67-41196 #
23 p3944 A67-41017*#	23 p4009 A67-41062	23 p4056 A67-41107 #	23 p4033 A67-41152	23 p3974 A67-41197 #
23 p4023 A67-41018 #	23 p4010 A67-41063	23 p4056 A67-41108 #	23 p4016 A67-41153	23 p3974 A67-41198 #
23 p4033 A67-41019 #	23 p4010 A67-41064	23 p4056 A67-41109 #	23 p4077 A67-41154	23 p3974 A67-41199*#
23 p3944 A67-41020*	23 p4010 A67-41065	23 p4056 A67-41110 #	23 p4019 A67-41155	23 p3974 A67-41200*#
23 p4013 A67-41021	23 p3972 A67-41066*	23 p4056 A67-41111 #	23 p4077 A67-41156	23 p3974 A67-41201 #
23 p4014 A67-41022 #	23 p3945 A67-41067*	23 p4056 A67-41112 #	23 p3984 A67-41157	23 p3980 A67-41202 #
23 p4014 A67-41023 #	23 p3963 A67-41068	23 p4056 A67-41113 #	23 p3984 A67-41158	23 p3974 A67-41203 #
23 p4027 A67-41024	23 p3945 A67-41069	23 p4057 A67-41114 #	23 p3984 A67-41159*	23 p3974 A67-41204 #
23 p4014 A67-41025 #	23 p3934 A67-41070	23 p4057 A67-41115 #	23 p3984 A67-41160	23 p3980 A67-41205 #
23 p4014 A67-41026 #	23 p3945 A67-41071	23 p4057 A67-41116 #	23 p3985 A67-41161	23 p3980 A67-41206 #
23 p3999 A67-41027 #	23 p3963 A67-41072	23 p4057 A67-41117 #	23 p4078 A67-41162	23 p3981 A67-41207 #
23 p3999 A67-41028 #	23 p3945 A67-41073	23 p4057 A67-41118 #	23 p4078 A67-41163*	23 p3981 A67-41208 #
23 p3999 A67-41029	23 p3945 A67-41074	23 p4057 A67-41119 #	23 p4078 A67-41164*	23 p3981 A67-41209 #
23 p4014 A67-41030 #	23 p4021 A67-41075*	23 p4057 A67-41120 #	23 p4078 A67-41165	23 p3981 A67-41210 #
23 p4014 A67-41031 #	23 p4019 A67-41076 #	23 p4058 A67-41121 #	23 p3990 A67-41166	23 p3975 A67-41211 #
23 p4023 A67-41032*	23 p4019 A67-41077 #	23 p4058 A67-41122 #	23 p3934 A67-41167	23 p3975 A67-41212 #
23 p4019 A67-41033	23 p4019 A67-41078 #	23 p4058 A67-41123 #	23 p3990 A67-41168 #	23 p4041 A67-41213
23 p4014 A67-41034	23 p4019 A67-41079 #	23 p4058 A67-41124 #	23 p3990 A67-41169 #	23 p4000 A67-41214*
23 p4015 A67-41035 #	23 p3945 A67-41080*	23 p4058 A67-41125 #	23 p3990 A67-41170 #	23 p4033 A67-41215

ACCESSION NUMBER INDEX

23 p4000 A67-41216*	23 p4002 A67-41261	23 p3930 A67-41306	23 p4010 A67-41351	23 p3982 A67-41396
23 p4000 A67-41217*	23 p4002 A67-41262*	23 p3930 A67-41307	23 p4010 A67-41352	23 p4008 A67-41397 #
23 p4000 A67-41218	23 p4002 A67-41263	23 p3930 A67-41308	23 p4028 A67-41353	23 p3935 A67-41398
23 p4000 A67-41219*	23 p4002 A67-41264	23 p3934 A67-41309	23 p4004 A67-41354	23 p3931 A67-41399
23 p4000 A67-41220*	23 p4016 A67-41265	23 p3930 A67-41310	23 p4043 A67-41355*	23 p4021 A67-41400
23 p4000 A67-41221*	23 p3975 A67-41266	23 p3931 A67-41311	23 p4004 A67-41356*	23 p4010 A67-41401
23 p4001 A67-41222	23 p4002 A67-41267	23 p3987 A67-41312	23 p4030 A67-41357	23 p4020 A67-41402
23 p4001 A67-41223*	23 p4002 A67-41268	23 p3934 A67-41313	23 p4004 A67-41358*	23 p4022 A67-41403
23 p4001 A67-41224	23 p4002 A67-41269	23 p4071 A67-41314	23 p4034 A67-41359	23 p4020 A67-41404*
23 p4001 A67-41225*	23 p4002 A67-41270	23 p3934 A67-41315	23 p4068 A67-41360	23 p4020 A67-41405
23 p4016 A67-41226	23 p4028 A67-41271*	23 p3935 A67-41316	23 p4069 A67-41361	23 p4020 A67-41406
23 p4078 A67-41227*	23 p3981 A67-41272 #	23 p3931 A67-41317	23 p4069 A67-41362	23 p4020 A67-41407
23 p4021 A67-41228	23 p3981 A67-41273 #	23 p4049 A67-41318	23 p4025 A67-41363*	23 p4079 A67-41408*
23 p4066 A67-41229	23 p4042 A67-41274 #	23 p4049 A67-41319	23 p4043 A67-41364 #	23 p4020 A67-41409*
23 p4067 A67-41230	23 p4067 A67-41275	23 p4010 A67-41320	23 p4043 A67-41365 #	23 p4010 A67-41410*
23 p4060 A67-41231	23 p4068 A67-41276	23 p4003 A67-41321	23 p4043 A67-41366 #	23 p4071 A67-41411*
23 p4060 A67-41232	23 p4068 A67-41277	23 p4016 A67-41322 #	23 p4004 A67-41367	23 p4020 A67-41412
23 p4060 A67-41233*	23 p4068 A67-41278	23 p4003 A67-41323	23 p4083 A67-41368	23 p4079 A67-41413*
23 p4060 A67-41234	23 p4024 A67-41279*	23 p4016 A67-41324	23 p4005 A67-41369	23 p3987 A67-41414
23 p4067 A67-41235*	23 p4068 A67-41280	23 p3987 A67-41325	23 p4005 A67-41370*	23 p4079 A67-41415 #
23 p4061 A67-41236*	23 p4068 A67-41281	23 p4071 A67-41326	23 p4005 A67-41371	23 p4079 A67-41416 #
23 p4001 A67-41237	23 p3975 A67-41282*	23 p4003 A67-41327	23 p4005 A67-41372	23 p4079 A67-41417 #
23 p4001 A67-41238	23 p4003 A67-41283	23 p3987 A67-41328	23 p4006 A67-41373	23 p3935 A67-41418 #
23 p4067 A67-41239	23 p4033 A67-41284 #	23 p4078 A67-41329	23 p4006 A67-41374	23 p4008 A67-41419
23 p4067 A67-41240	23 p4082 A67-41285 #	23 p3936 A67-41330	23 p4006 A67-41375	23 p3936 A67-41420
23 p4067 A67-41241	23 p4082 A67-41286 #	23 p3931 A67-41331	23 p4006 A67-41376	23 p3936 A67-41421
23 p4041 A67-41242*	23 p4083 A67-41287 #	23 p4079 A67-41332	23 p4006 A67-41377*	23 p4008 A67-41422
23 p4082 A67-41243	23 p4083 A67-41288 #	23 p3997 A67-41333	23 p4006 A67-41378	23 p4008 A67-41423
23 p3928 A67-41244	23 p4083 A67-41289 #	23 p4003 A67-41334	23 p3975 A67-41379	23 p4008 A67-41424
23 p3928 A67-41245	23 p4083 A67-41290 #	23 p4003 A67-41335	23 p4006 A67-41380	23 p3936 A67-41425
23 p4082 A67-41246	23 p4016 A67-41291	23 p4003 A67-41336	23 p4006 A67-41381	23 p3936 A67-41426
23 p3928 A67-41247	23 p4042 A67-41292	23 p4003 A67-41337	23 p4007 A67-41382	23 p3988 A67-41427
23 p3929 A67-41248	23 p4042 A67-41293	23 p4004 A67-41338	23 p3987 A67-41383	23 p4049 A67-41428 #
23 p3991 A67-41249	23 p4042 A67-41294	23 p3976 A67-41339 #	23 p4007 A67-41384	23 p4069 A67-41429
23 p3929 A67-41250	23 p4042 A67-41295	23 p3976 A67-41340 #	23 p4007 A67-41385	23 p4086 A67-41430 #
23 p3929 A67-41251	23 p4042 A67-41296	23 p4004 A67-41341	23 p4007 A67-41386	23 p3982 A67-41431 #
23 p3991 A67-41252	23 p4042 A67-41297	23 p4010 A67-41342	23 p4007 A67-41387	23 p4043 A67-41432 #
23 p3929 A67-41253	23 p4042 A67-41298	23 p4079 A67-41343	23 p4007 A67-41388	23 p4017 A67-41433 #
23 p3929 A67-41254	23 p4043 A67-41299	23 p4079 A67-41344	23 p4007 A67-41389	23 p4017 A67-41434 #
23 p3934 A67-41255	23 p4043 A67-41300	23 p4071 A67-41345 #	23 p4008 A67-41390*	23 p4034 A67-41435 #
23 p3996 A67-41256	23 p4020 A67-41301	23 p3945 A67-41346*	23 p4008 A67-41391*	23 p4034 A67-41436 #
23 p4001 A67-41257	23 p4043 A67-41302	23 p4010 A67-41347*	23 p3976 A67-41392 #	23 p4043 A67-41437 #
23 p4001 A67-41258	23 p4025 A67-41303	23 p4020 A67-41348	23 p4017 A67-41393	23 p4069 A67-41438
23 p4001 A67-41259	23 p3929 A67-41304	23 p3997 A67-41349	23 p4024 A67-41394	23 p4044 A67-41439
23 p4001 A67-41260	23 p3930 A67-41305	23 p3997 A67-41350	23 p3981 A67-41395*	23 p4044 A67-41440*

ACCESSION NUMBER INDEX

23 p4044 A67-41441	23 p4046 A67-41486*	23 p4083 A67-41531*	23 p3952 A67-41576 #	23 p3968 A67-41621 #
23 p4069 A67-41442	23 p4046 A67-41487	23 p4048 A67-41532*	23 p3952 A67-41577 #	23 p3968 A67-41622 #
23 p4047 A67-41443	23 p4046 A67-41488	23 p4047 A67-41533	23 p3965 A67-41578*#	23 p3968 A67-41623 #
23 p4026 A67-41444 #	23 p3937 A67-41489	23 p3946 A67-41534	23 p3966 A67-41579 #	23 p3955 A67-41624 #
23 p4025 A67-41445 #	23 p3937 A67-41490*	23 p3950 A67-41535*#	23 p3966 A67-41580 #	23 p3956 A67-41625 #
23 p4025 A67-41446 #	23 p3937 A67-41491 #	23 p3950 A67-41536 #	23 p3966 A67-41581 #	23 p3956 A67-41626 #
23 p4025 A67-41447 #	23 p3937 A67-41492	23 p3950 A67-41537 #	23 p3966 A67-41582 #	23 p3968 A67-41627 #
23 p4069 A67-41448*	23 p4046 A67-41493*	23 p3950 A67-41538 #	23 p3953 A67-41583 #	23 p3956 A67-41628 #
23 p4069 A67-41449*	23 p3937 A67-41494	23 p3963 A67-41539 #	23 p3953 A67-41584 #	23 p3968 A67-41629 #
23 p4034 A67-41450	23 p4046 A67-41495	23 p3963 A67-41540 #	23 p3953 A67-41585 #	23 p3956 A67-41630*#
23 p4044 A67-41451	23 p3937 A67-41496*	23 p3963 A67-41541*#	23 p3953 A67-41586*#	23 p3969 A67-41631 #
23 p4044 A67-41452	23 p3938 A67-41497*	23 p3963 A67-41542 #	23 p3953 A67-41587*#	23 p3956 A67-41632*#
23 p4044 A67-41453	23 p3938 A67-41498	23 p3963 A67-41543 #	23 p3953 A67-41588 #	23 p3956 A67-41633 #
23 p4044 A67-41454	23 p3938 A67-41499	23 p3963 A67-41544 #	23 p3966 A67-41589 #	23 p3956 A67-41634 #
23 p4044 A67-41455*	23 p4026 A67-41500	23 p3950 A67-41545 #	23 p3953 A67-41590 #	23 p3956 A67-41635 #
23 p4044 A67-41456	23 p4071 A67-41501	23 p3964 A67-41546 #	23 p3953 A67-41591 #	23 p3957 A67-41636 #
23 p4045 A67-41457	23 p3988 A67-41502	23 p3964 A67-41547 #	23 p3954 A67-41592*#	23 p3957 A67-41637 #
23 p3977 A67-41458*	23 p3982 A67-41503	23 p3964 A67-41548 #	23 p3935 A67-41593 #	23 p3957 A67-41638 #
23 p3991 A67-41459	23 p3982 A67-41504	23 p3950 A67-41549*#	23 p3954 A67-41594*#	23 p3957 A67-41639 #
23 p4045 A67-41460	23 p3938 A67-41505	23 p3950 A67-41550 #	23 p3954 A67-41595 #	23 p3969 A67-41640 #
23 p4028 A67-41461	23 p3938 A67-41506*	23 p3951 A67-41551 #	23 p3954 A67-41596 #	23 p3957 A67-41641 #
23 p4009 A67-41462	23 p3938 A67-41507	23 p3951 A67-41552 #	23 p3966 A67-41597 #	23 p3957 A67-41642 #
23 p4034 A67-41463	23 p3939 A67-41508	23 p3951 A67-41553 #	23 p3954 A67-41598 #	23 p3969 A67-41643*#
23 p4045 A67-41464	23 p3939 A67-41509*	23 p3951 A67-41554*#	23 p3954 A67-41599 #	23 p3957 A67-41644 #
23 p4017 A67-41465	23 p3939 A67-41510	23 p3964 A67-41555*#	23 p3966 A67-41600 #	23 p3958 A67-41645 #
23 p3982 A67-41466	23 p3939 A67-41511	23 p3964 A67-41556 #	23 p3954 A67-41601 #	23 p3969 A67-41646 #
23 p4080 A67-41467	23 p3939 A67-41512*	23 p3951 A67-41557 #	23 p3955 A67-41602 #	23 p3969 A67-41647 #
23 p3982 A67-41468	23 p3939 A67-41513*	23 p3964 A67-41558 #	23 p3967 A67-41603 #	23 p3958 A67-41648 #
23 p4021 A67-41469	23 p3940 A67-41514	23 p3964 A67-41559*#	23 p3967 A67-41604 #	23 p3958 A67-41649 #
23 p4045 A67-41470	23 p3940 A67-41515	23 p3964 A67-41560 #	23 p3955 A67-41605*#	23 p3969 A67-41650 #
23 p4045 A67-41471	23 p3940 A67-41516	23 p3951 A67-41561 #	23 p3967 A67-41606 #	23 p3969 A67-41651 #
23 p4045 A67-41472	23 p4061 A67-41517*	23 p3965 A67-41562*#	23 p3972 A67-41607 #	23 p3958 A67-41652 #
23 p4061 A67-41473	23 p3940 A67-41518*	23 p3951 A67-41563 #	23 p3967 A67-41608 #	23 p3958 A67-41653 #
23 p4069 A67-41474	23 p4047 A67-41519*	23 p3965 A67-41564 #	23 p3967 A67-41609 #	23 p3958 A67-41654*#
23 p4080 A67-41475 #	23 p3940 A67-41520	23 p3965 A67-41565 #	23 p3955 A67-41610*#	23 p3970 A67-41655 #
23 p4080 A67-41476 #	23 p3941 A67-41521*	23 p3951 A67-41566 #	23 p3967 A67-41611*#	23 p3958 A67-41656 #
23 p3931 A67-41477 #	23 p3941 A67-41522*	23 p3965 A67-41567 #	23 p3967 A67-41612 #	23 p3959 A67-41657*#
23 p3997 A67-41478 #	23 p3941 A67-41523*	23 p3952 A67-41568*#	23 p3955 A67-41613 #	23 p3970 A67-41658 #
23 p4009 A67-41479 #	23 p3941 A67-41524*	23 p3965 A67-41569 #	23 p3967 A67-41614 #	23 p3959 A67-41659 #
23 p3975 A67-41480 #	23 p4047 A67-41525*	23 p3952 A67-41570 #	23 p3955 A67-41615 #	23 p3959 A67-41660 #
23 p4030 A67-41481 #	23 p3941 A67-41526*	23 p3965 A67-41571 #	23 p3968 A67-41616 #	23 p3970 A67-41661*#
23 p3936 A67-41482	23 p3941 A67-41527*	23 p3952 A67-41572 #	23 p3955 A67-41617*#	23 p3959 A67-41662 #
23 p4045 A67-41483	23 p3942 A67-41528*	23 p3952 A67-41573 #	23 p3968 A67-41618 #	23 p3959 A67-41663 #
23 p4045 A67-41484	23 p3991 A67-41529	23 p3952 A67-41574 #	23 p3955 A67-41619 #	23 p4080 A67-41664*
23 p4046 A67-41485*	23 p4030 A67-41530	23 p3965 A67-41575 #	23 p3968 A67-41620 #	23 p3931 A67-41665

ACCESSION NUMBER INDEX

23 p3982 A67-41666	23 p4070 A67-41711*#	23 p3988 A67-41756 #	24 p4110 A67-41801	24 p4114 A67-41846 #
23 p3991 A67-41667	23 p3931 A67-41712 #	23 p4028 A67-41757 #	24 p4111 A67-41802 #	24 p4111 A67-41847 #
23 p4083 A67-41668	23 p3991 A67-41713*#	23 p3942 A67-41758 #	24 p4200 A67-41803*	24 p4114 A67-41848 #
23 p3982 A67-41669 #	23 p3932 A67-41714*#	23 p3942 A67-41759 #	24 p4097 A67-41804*	24 p4111 A67-41849 #
23 p3985 A67-41670 #	23 p3991 A67-41715 #	23 p4081 A67-41760 #	24 p4190 A67-41805*	24 p4111 A67-41850 #
23 p3985 A67-41671 #	23 p3992 A67-41716 #	23 p4048 A67-41761 #	24 p4174 A67-41806*	24 p4111 A67-41851 #
23 p3985 A67-41672 #	23 p4070 A67-41717*#	23 p3932 A67-41762*#	24 p4140 A67-41807 #	24 p4112 A67-41852 #
23 p3985 A67-41673 #	23 p4083 A67-41718 #	23 p3993 A67-41763*#	24 p4146 A67-41808 #	24 p4112 A67-41853 #
23 p3985 A67-41674 #	23 p4070 A67-41719 #	23 p4048 A67-41764 #	24 p4114 A67-41809	24 p4112 A67-41854 #
23 p3985 A67-41675 #	23 p4083 A67-41720 #	23 p3983 A67-41765	24 p4223 A67-41810	24 p4112 A67-41855 #
23 p3983 A67-41676	23 p4084 A67-41721*#	23 p3983 A67-41766	24 p4223 A67-41811*	24 p4112 A67-41856 #
23 p3975 A67-41677	23 p3992 A67-41722 #	24 p4222 A67-41767	24 p4223 A67-41812*	24 p4114 A67-41857 #
23 p4034 A67-41678	23 p4084 A67-41723 #	24 p4222 A67-41768	24 p4223 A67-41813*	24 p4112 A67-41858 #
23 p4034 A67-41679	23 p4035 A67-41724 #	24 p4223 A67-41769	24 p4224 A67-41814*	24 p4112 A67-41859 #
23 p4034 A67-41680	23 p4071 A67-41725 #	24 p4187 A67-41770 #	24 p4224 A67-41815	24 p4194 A67-41860
23 p4017 A67-41681	23 p3985 A67-41726 #	24 p4166 A67-41771	24 p4224 A67-41816*	24 p4166 A67-41861*#
23 p4035 A67-41682	23 p4080 A67-41727*#	24 p4199 A67-41772	24 p4224 A67-41817	24 p4200 A67-41862 #
23 p3975 A67-41683	23 p4080 A67-41728 #	24 p4199 A67-41773	24 p4224 A67-41818*	24 p4200 A67-41863 #
23 p4035 A67-41684	23 p4080 A67-41729*#	24 p4199 A67-41774	24 p4147 A67-41819	24 p4200 A67-41864 #
23 p4035 A67-41685	23 p3932 A67-41730 #	24 p4199 A67-41775	24 p4147 A67-41820	24 p4200 A67-41865 #
23 p4035 A67-41686	23 p3992 A67-41731 #	24 p4199 A67-41776	24 p4224 A67-41821	24 p4200 A67-41866 #
23 p4030 A67-41687	23 p4026 A67-41732 #	24 p4199 A67-41777	24 p4224 A67-41822*	24 p4200 A67-41867 #
23 p4047 A67-41688	23 p3992 A67-41733 #	24 p4200 A67-41778	24 p4224 A67-41823	24 p4128 A67-41868 #
23 p4069 A67-41689	23 p3932 A67-41734 #	24 p4200 A67-41779	24 p4224 A67-41824*	24 p4200 A67-41869 #
23 p4070 A67-41690	23 p3932 A67-41735 #	24 p4152 A67-41780 #	24 p4225 A67-41825	24 p4201 A67-41870 #
23 p4047 A67-41691	23 p4049 A67-41736 #	24 p4110 A67-41781 #	24 p4225 A67-41826	24 p4194 A67-41871 #
23 p4024 A67-41692 #	23 p3942 A67-41737 #	24 p4114 A67-41782 #	24 p4225 A67-41827	24 p4194 A67-41872 #
23 p3970 A67-41693	23 p3992 A67-41738 #	24 p4223 A67-41783	24 p4225 A67-41828	24 p4187 A67-41873
23 p3959 A67-41694	23 p3992 A67-41739 #	24 p4146 A67-41784	24 p4225 A67-41829*	24 p4209 A67-41874
23 p4030 A67-41695*	23 p3992 A67-41740 #	24 p4146 A67-41785	24 p4225 A67-41830*	24 p4226 A67-41875
23 p3970 A67-41696	23 p3992 A67-41741 #	24 p4146 A67-41786	24 p4225 A67-41831	24 p4226 A67-41876
23 p3959 A67-41697*	23 p3992 A67-41742*#	24 p4152 A67-41787	24 p4208 A67-41832*	24 p4240 A67-41877
23 p3959 A67-41698	23 p3932 A67-41743 #	24 p4180 A67-41788	24 p4208 A67-41833	24 p4147 A67-41878
23 p3960 A67-41699 #	23 p3993 A67-41744 #	24 p4181 A67-41789	24 p4225 A67-41834	24 p4187 A67-41879
23 p3960 A67-41700 #	23 p4080 A67-41745 #	24 p4223 A67-41790	24 p4225 A67-41835	24 p4187 A67-41880
23 p3970 A67-41701	23 p3993 A67-41746 #	24 p4146 A67-41791	24 p4225 A67-41836*	24 p4226 A67-41881*
23 p3960 A67-41702 #	23 p4025 A67-41747*#	24 p4181 A67-41792	24 p4226 A67-41837*	24 p4147 A67-41882
23 p3960 A67-41703 #	23 p3993 A67-41748 #	24 p4133 A67-41793	24 p4226 A67-41838*	24 p4147 A67-41883
23 p3960 A67-41704 #	23 p4084 A67-41749 #	24 p4128 A67-41794	24 p4159 A67-41839	24 p4226 A67-41884
23 p3970 A67-41705*	23 p4080 A67-41750 #	24 p4134 A67-41795 #	24 p4200 A67-41840*	24 p4226 A67-41885
23 p3960 A67-41706 #	23 p3988 A67-41751 #	24 p4134 A67-41796 #	24 p4111 A67-41841 #	24 p4093 A67-41886 #
23 p3970 A67-41707	23 p4081 A67-41752 #	24 p4166 A67-41797 #	24 p4111 A67-41842 #	24 p4166 A67-41887
23 p3971 A67-41708	23 p4035 A67-41753*#	24 p4252 A67-41798	24 p4111 A67-41843 #	24 p4194 A67-41888
23 p3971 A67-41709	23 p3932 A67-41754 #	24 p4166 A67-41799 #	24 p4114 A67-41844 #	24 p4119 A67-41889
23 p3942 A67-41710	23 p3993 A67-41755 #	24 p4246 A67-41800	24 p4114 A67-41845 #	24 p4194 A67-41890

ACCESSION NUMBER INDEX

24 p4246 A67-41891	24 p4141 A67-41936 #	24 p4202 A67-41981 #	24 p4134 A67-42026	24 p4119 A67-42071 #
24 p4201 A67-41892*	24 p4195 A67-41937 #	24 p4202 A67-41982 #	24 p4134 A67-42027	24 p4202 A67-42072 #
24 p4201 A67-41893	24 p4190 A67-41938 #	24 p4166 A67-41983 #	24 p4137 A67-42028	24 p4172 A67-42073 #
24 p4201 A67-41894	24 p4195 A67-41939 #	24 p4202 A67-41984 #	24 p4253 A67-42029*	24 p4167 A67-42074 #
24 p4128 A67-41895	24 p4195 A67-41940 #	24 p4202 A67-41985 #	24 p4138 A67-42030*	24 p4195 A67-42075 #
24 p4152 A67-41896 #	24 p4247 A67-41941	24 p4097 A67-41986	24 p4138 A67-42031	24 p4160 A67-42076
24 p4240 A67-41897 #	24 p4247 A67-41942	24 p4093 A67-41987	24 p4141 A67-42032*	24 p4160 A67-42077
24 p4137 A67-41898 #	24 p4247 A67-41943	24 p4098 A67-41988	24 p4160 A67-42033	24 p4160 A67-42078
24 p4201 A67-41899*	24 p4247 A67-41944*	24 p4159 A67-41989	24 p4227 A67-42034*	24 p4160 A67-42079
24 p4201 A67-41900 #	24 p4248 A67-41945	24 p4159 A67-41990	24 p4138 A67-42035	24 p4160 A67-42080
24 p4152 A67-41901	24 p4170 A67-41946*	24 p4159 A67-41991	24 p4172 A67-42036	24 p4161 A67-42081
24 p4190 A67-41902	24 p4170 A67-41947	24 p4093 A67-41992	24 p4172 A67-42037*	24 p4161 A67-42082
24 p4166 A67-41903	24 p4248 A67-41948	24 p4257 A67-41993	24 p4227 A67-42038	24 p4177 A67-42083*
24 p4141 A67-41904	24 p4170 A67-41949	24 p4252 A67-41994	24 p4153 A67-42039*	24 p4173 A67-42084
24 p4188 A67-41905	24 p4170 A67-41950	24 p4114 A67-41995	24 p4174 A67-42040	24 p4098 A67-42085
24 p4153 A67-41906	24 p4170 A67-41951*	24 p4115 A67-41996*	24 p4227 A67-42041*	24 p4098 A67-42086
24 p4201 A67-41907	24 p4248 A67-41952	24 p4115 A67-41997*	24 p4138 A67-42042	24 p4202 A67-42087*
24 p4166 A67-41908	24 p4171 A67-41953	24 p4091 A67-41998	24 p4139 A67-42043*	24 p4240 A67-42088 #
24 p4201 A67-41909	24 p4171 A67-41954	24 p4093 A67-41999	24 p4153 A67-42044	24 p4202 A67-42089 #
24 p4153 A67-41910 #	24 p4252 A67-41955	24 p4115 A67-42000	24 p4139 A67-42045	24 p4203 A67-42090 #
24 p4194 A67-41911 #	24 p4248 A67-41956	24 p4115 A67-42001	24 p4253 A67-42046	24 p4167 A67-42091 #
24 p4153 A67-41912 #	24 p4159 A67-41957 #	24 p4115 A67-42002*	24 p4115 A67-42047	24 p4167 A67-42092 #
24 p4174 A67-41913	24 p4171 A67-41958 #	24 p4160 A67-42003	24 p4153 A67-42048	24 p4188 A67-42093 #
24 p4177 A67-41914 #	24 p4171 A67-41959 #	24 p4172 A67-42004	24 p4115 A67-42049*	24 p4098 A67-42094 #
24 p4181 A67-41915 #	24 p4171 A67-41960 #	24 p4207 A67-42005	24 p4139 A67-42050	24 p4153 A67-42095 #
24 p4207 A67-41916 #	24 p4159 A67-41961 #	24 p4206 A67-42006	24 p4253 A67-42051	24 p4190 A67-42096*#
24 p4093 A67-41917 #	24 p4171 A67-41962 #	24 p4206 A67-42007	24 p4112 A67-42052 #	24 p4190 A67-42097 #
24 p4169 A67-41918 #	24 p4159 A67-41963 #	24 p4207 A67-42008	24 p4113 A67-42053 #	24 p4190 A67-42098 #
24 p4169 A67-41919 #	24 p4226 A67-41964 #	24 p4207 A67-42009	24 p4113 A67-42054 #	24 p4113 A67-42099*
24 p4169 A67-41920 #	24 p4209 A67-41965 #	24 p4248 A67-42010	24 p4147 A67-42055	24 p4149 A67-42100*
24 p4246 A67-41921 #	24 p4226 A67-41966 #	24 p4248 A67-42011	24 p4147 A67-42056	24 p4248 A67-42101 #
24 p4169 A67-41922 #	24 p4227 A67-41967	24 p4094 A67-42012	24 p4147 A67-42057	24 p4249 A67-42102 #
24 p4170 A67-41923 #	24 p4128 A67-41968	24 p4094 A67-42013	24 p4148 A67-42058 #	24 p4249 A67-42103 #
24 p4128 A67-41924	24 p4128 A67-41969	24 p4094 A67-42014	24 p4148 A67-42059	24 p4249 A67-42104 #
24 p4128 A67-41925	24 p4128 A67-41970	24 p4094 A67-42015	24 p4148 A67-42060	24 p4249 A67-42105 #
24 p4118 A67-41926*	24 p4119 A67-41971	24 p4094 A67-42016	24 p4119 A67-42061	24 p4249 A67-42106 #
24 p4141 A67-41927*	24 p4119 A67-41972	24 p4160 A67-42017	24 p4148 A67-42062	24 p4195 A67-42107
24 p4153 A67-41928 #	24 p4129 A67-41973	24 p4098 A67-42018	24 p4148 A67-42063	24 p4203 A67-42108
24 p4195 A67-41929 #	24 p4182 A67-41974	24 p4257 A67-42019	24 p4148 A67-42064	24 p4203 A67-42109
24 p4195 A67-41930 #	24 p4172 A67-41975	24 p4094 A67-42020	24 p4148 A67-42065	24 p4203 A67-42110*
24 p4141 A67-41931 #	24 p4172 A67-41976	24 p4094 A67-42021 #	24 p4148 A67-42066	24 p4154 A67-42111 #
24 p4246 A67-41932 #	24 p4172 A67-41977	24 p4181 A67-42022 #	24 p4149 A67-42067	24 p4209 A67-42112 #
24 p4141 A67-41933 #	24 p4172 A67-41978	24 p4134 A67-42023	24 p4149 A67-42068	24 p4149 A67-42113 #
24 p4252 A67-41934 #	24 p4201 A67-41979 #	24 p4134 A67-42024	24 p4202 A67-42069 #	24 p4209 A67-42114 #
24 p4252 A67-41935 #	24 p4202 A67-41980 #	24 p4134 A67-42025	24 p4166 A67-42070 #	24 p4209 A67-42115 #

ACCESSION NUMBER INDEX

24 p4209 A67-42116 #	24 p4227 A67-42161 #	24 p4129 A67-42206	24 p4253 A67-42251 #	24 p4240 A67-42296 #
24 p4209 A67-42117 #	24 p4203 A67-42162 #	24 p4167 A67-42207 #	24 p4253 A67-42252 #	24 p4155 A67-42297 #
24 p4195 A67-42118 #	24 p4181 A67-42163 #	24 p4203 A67-42208 #	24 p4130 A67-42253 #	24 p4155 A67-42298 #
24 p4195 A67-42119 #	24 p4167 A67-42164 #	24 p4196 A67-42209 #	24 p4254 A67-42254 #	24 p4155 A67-42299 #
24 p4209 A67-42120 #	24 p4173 A67-42165	24 p4154 A67-42210 #	24 p4254 A67-42255 #	24 p4182 A67-42300 #
24 p4149 A67-42121 #	24 p4173 A67-42166	24 p4253 A67-42211 #	24 p4254 A67-42256 #	24 p4188 A67-42301 #
24 p4149 A67-42122 #	24 p4141 A67-42167	24 p4196 A67-42212 #	24 p4254 A67-42257 #	24 p4188 A67-42302 #
24 p4149 A67-42123 #	24 p4142 A67-42168	24 p4142 A67-42213 #	24 p4254 A67-42258 #	24 p4249 A67-42303 #
24 p4149 A67-42124 #	24 p4091 A67-42169	24 p4142 A67-42214 #	24 p4228 A67-42259 #	24 p4250 A67-42304 #
24 p4149 A67-42125 #	24 p4142 A67-42170	24 p4154 A67-42215 #	24 p4197 A67-42260	24 p4250 A67-42305 #
24 p4209 A67-42126 #	24 p4142 A67-42171	24 p4196 A67-42216 #	24 p4197 A67-42261	24 p4250 A67-42306 #
24 p4149 A67-42127 #	24 p4142 A67-42172	24 p4253 A67-42217 #	24 p4209 A67-42262	24 p4250 A67-42307 #
24 p4149 A67-42128 #	24 p4154 A67-42173*#	24 p4154 A67-42218 #	24 p4228 A67-42263*	24 p4228 A67-42308
24 p4120 A67-42129 #	24 p4154 A67-42174 #	24 p4196 A67-42219 #	24 p4228 A67-42264*	24 p4228 A67-42309
24 p4120 A67-42130 #	24 p4154 A67-42175*	24 p4142 A67-42220 #	24 p4121 A67-42265	24 p4228 A67-42310*
24 p4181 A67-42131 #	24 p4154 A67-42176	24 p4113 A67-42221*	24 p4121 A67-42266	24 p4229 A67-42311 #
24 p4149 A67-42132 #	24 p4134 A67-42177	24 p4227 A67-42222	24 p4203 A67-42267	24 p4150 A67-42312 #
24 p4209 A67-42133 #	24 p4134 A67-42178	24 p4120 A67-42223	24 p4228 A67-42268	24 p4229 A67-42313 #
24 p4149 A67-42134 #	24 p4135 A67-42179*	24 p4120 A67-42224	24 p4178 A67-42269 #	24 p4151 A67-42314 #
24 p4209 A67-42135 #	24 p4135 A67-42180	24 p4129 A67-42225	24 p4091 A67-42270 #	24 p4151 A67-42315 #
24 p4209 A67-42136 #	24 p4135 A67-42181	24 p4129 A67-42226	24 p4142 A67-42271 #	24 p4229 A67-42316 #
24 p4150 A67-42137 #	24 p4135 A67-42182	24 p4129 A67-42227	24 p4142 A67-42272 #	24 p4151 A67-42317 #
24 p4209 A67-42138 #	24 p4135 A67-42183	24 p4129 A67-42228	24 p4228 A67-42273 #	24 p4151 A67-42318 #
24 p4150 A67-42139 #	24 p4182 A67-42184	24 p4120 A67-42229	24 p4228 A67-42274 #	24 p4151 A67-42319*#
24 p4150 A67-42140 #	24 p4135 A67-42185	24 p4120 A67-42230	24 p4181 A67-42275 #	24 p4229 A67-42320 #
24 p4150 A67-42141 #	24 p4135 A67-42186	24 p4129 A67-42231	24 p4091 A67-42276 #	24 p4229 A67-42321 #
24 p4150 A67-42142 #	24 p4136 A67-42187	24 p4120 A67-42232	24 p4094 A67-42277 #	24 p4230 A67-42322 #
24 p4150 A67-42143 #	24 p4177 A67-42188*	24 p4120 A67-42233	24 p4094 A67-42278 #	24 p4230 A67-42323 #
24 p4150 A67-42144 #	24 p4136 A67-42189	24 p4130 A67-42234	24 p4206 A67-42279 #	24 p4230 A67-42324*#
24 p4150 A67-42145 #	24 p4173 A67-42190 #	24 p4121 A67-42235	24 p4143 A67-42280 #	24 p4230 A67-42325*#
24 p4150 A67-42146 #	24 p4136 A67-42191 #	24 p4121 A67-42236	24 p4143 A67-42281	24 p4118 A67-42326*
24 p4150 A67-42147 #	24 p4129 A67-42192 #	24 p4130 A67-42237	24 p4143 A67-42282	24 p4118 A67-42327*
24 p4150 A67-42148 #	24 p4129 A67-42193 #	24 p4167 A67-42238	24 p4143 A67-42283	24 p4161 A67-42328 #
24 p4150 A67-42149 #	24 p4136 A67-42194 #	24 p4167 A67-42239	24 p4143 A67-42284	24 p4161 A67-42329 #
24 p4120 A67-42150 #	24 p4118 A67-42195	24 p4130 A67-42240	24 p4143 A67-42285	24 p4161 A67-42330 #
24 p4150 A67-42151 #	24 p4196 A67-42196	24 p4130 A67-42241	24 p4254 A67-42286	24 p4197 A67-42331*#
24 p4249 A67-42152 #	24 p4227 A67-42197	24 p4196 A67-42242	24 p4121 A67-42287	24 p4230 A67-42332
24 p4227 A67-42153 #	24 p4177 A67-42198	24 p4154 A67-42243	24 p4155 A67-42288	24 p4230 A67-42333
24 p4177 A67-42154 #	24 p4177 A67-42199	24 p4196 A67-42244	24 p4155 A67-42289	24 p4210 A67-42334
24 p4177 A67-42155 #	24 p4177 A67-42200	24 p4196 A67-42245	24 p4155 A67-42290	24 p4130 A67-42335
24 p4249 A67-42156 #	24 p4150 A67-42201 #	24 p4203 A67-42246	24 p4136 A67-42291	24 p4155 A67-42336
24 p4154 A67-42157 #	24 p4178 A67-42202 #	24 p4191 A67-42247	24 p4155 A67-42292	24 p4121 A67-42337
24 p4196 A67-42158	24 p4178 A67-42203	24 p4130 A67-42248	24 p4155 A67-42293	24 p4204 A67-42338
24 p4120 A67-42159 #	24 p4091 A67-42204 #	24 p4197 A67-42249	24 p4188 A67-42294	24 p4130 A67-42339
24 p4091 A67-42160 #	24 p4178 A67-42205	24 p4098 A67-42250 #	24 p4240 A67-42295 #	24 p4131 A67-42340

ACCESSION NUMBER INDEX

24 p4121 A67-42341	24 p4254 A67-42386 #	24 p4156 A67-42431 #	24 p4123 A67-42476	24 p4106 A67-42521*
24 p4121 A67-42342	24 p4257 A67-42387 #	24 p4156 A67-42432 #	24 p4126 A67-42477	24 p4106 A67-42522
24 p4122 A67-42343	24 p4240 A67-42388 #	24 p4157 A67-42433 #	24 p4131 A67-42478	24 p4106 A67-42523*
24 p4204 A67-42344 #	24 p4257 A67-42389 #	24 p4157 A67-42434 #	24 p4161 A67-42479	24 p4106 A67-42524
24 p4173 A67-42345*	24 p4178 A67-42390 #	24 p4157 A67-42435*#	24 p4254 A67-42480*#	24 p4106 A67-42525*
24 p4204 A67-42346	24 p4210 A67-42391 #	24 p4157 A67-42436 #	24 p4168 A67-42481 #	24 p4106 A67-42526
24 p4173 A67-42347*	24 p4240 A67-42392 #	24 p4157 A67-42437 #	24 p4255 A67-42482 #	24 p4107 A67-42527
24 p4173 A67-42348	24 p4113 A67-42393 #	24 p4125 A67-42438 #	24 p4251 A67-42483*#	24 p4107 A67-42528
24 p4173 A67-42349	24 p4207 A67-42394 #	24 p4191 A67-42439	24 p4162 A67-42484 #	24 p4107 A67-42529
24 p4131 A67-42350	24 p4240 A67-42395 #	24 p4198 A67-42440	24 p4099 A67-42485	24 p4107 A67-42530
24 p4197 A67-42351 #	24 p4241 A67-42396 #	24 p4250 A67-42441 #	24 p4102 A67-42486*	24 p4107 A67-42531
24 p4230 A67-42352 #	24 p4181 A67-42397 #	24 p4250 A67-42442 #	24 p4102 A67-42487*	24 p4107 A67-42532
24 p4231 A67-42353 #	24 p4092 A67-42398 #	24 p4092 A67-42443 #	24 p4102 A67-42488	24 p4107 A67-42533
24 p4197 A67-42354 #	24 p4241 A67-42399*#	24 p4131 A67-42444	24 p4102 A67-42489*	24 p4108 A67-42534
24 p4197 A67-42355 #	24 p4241 A67-42400 #	24 p4131 A67-42445	24 p4102 A67-42490	24 p4185 A67-42535
24 p4143 A67-42356 #	24 p4231 A67-42401 #	24 p4131 A67-42446*	24 p4102 A67-42491	24 p4185 A67-42536
24 p4139 A67-42357 #	24 p4241 A67-42402 #	24 p4131 A67-42447	24 p4183 A67-42492*	24 p4185 A67-42537
24 p4197 A67-42358 #	24 p4206 A67-42403 #	24 p4231 A67-42448*	24 p4184 A67-42493	24 p4185 A67-42538
24 p4191 A67-42359	24 p4241 A67-42404*#	24 p4151 A67-42449*	24 p4103 A67-42494	24 p4108 A67-42539
24 p4167 A67-42360	24 p4156 A67-42405*#	24 p4191 A67-42450	24 p4103 A67-42495	24 p4108 A67-42540*
24 p4167 A67-42361	24 p4189 A67-42406	24 p4231 A67-42451	24 p4103 A67-42496	24 p4108 A67-42541
24 p4156 A67-42362	24 p4122 A67-42407 #	24 p4231 A67-42452	24 p4184 A67-42497*	24 p4185 A67-42542
24 p4204 A67-42363	24 p4122 A67-42408 #	24 p4116 A67-42453*	24 p4184 A67-42498*	24 p4108 A67-42543
24 p4168 A67-42364	24 p4136 A67-42409 #	24 p4231 A67-42454*	24 p4103 A67-42499*	24 p4185 A67-42544*
24 p4204 A67-42365	24 p4204 A67-42410 #	24 p4113 A67-42455	24 p4103 A67-42500	24 p4185 A67-42545
24 p4204 A67-42366	24 p4131 A67-42411 #	24 p4157 A67-42456	24 p4103 A67-42501	24 p4186 A67-42546
24 p4250 A67-42367*	24 p4168 A67-42412	24 p4204 A67-42457 #	24 p4103 A67-42502*	24 p4186 A67-42547*
24 p4188 A67-42368	24 p4098 A67-42413	24 p4092 A67-42458 #	24 p4104 A67-42503*	24 p4186 A67-42548*
24 p4188 A67-42369	24 p4098 A67-42414	24 p4143 A67-42459 #	24 p4184 A67-42504	24 p4186 A67-42549
24 p4168 A67-42370	24 p4099 A67-42415	24 p4251 A67-42460 #	24 p4184 A67-42505	24 p4186 A67-42550*
24 p4231 A67-42371 #	24 p4099 A67-42416	24 p4251 A67-42461 #	24 p4184 A67-42506	24 p4186 A67-42551
24 p4175 A67-42372	24 p4099 A67-42417	24 p4207 A67-42462 #	24 p4184 A67-42507	24 p4255 A67-42552
24 p4175 A67-42373	24 p4189 A67-42418 #	24 p4143 A67-42463 #	24 p4104 A67-42508	24 p4255 A67-42553
24 p4175 A67-42374	24 p4175 A67-42419	24 p4143 A67-42464*#	24 p4104 A67-42509	24 p4255 A67-42554
24 p4188 A67-42375	24 p4175 A67-42420	24 p4143 A67-42465*#	24 p4104 A67-42510*	24 p4108 A67-42555*
24 p4122 A67-42376 #	24 p4175 A67-42421	24 p4161 A67-42466*#	24 p4104 A67-42511*	24 p4108 A67-42556*
24 p4122 A67-42377 #	24 p4175 A67-42422	24 p4176 A67-42467*#	24 p4104 A67-42512*	24 p4108 A67-42557*
24 p4122 A67-42378 #	24 p4176 A67-42423	24 p4176 A67-42468*#	24 p4105 A67-42513*	24 p4109 A67-42558*
24 p4122 A67-42379 #	24 p4176 A67-42424*	24 p4176 A67-42469*#	24 p4105 A67-42514*	24 p4241 A67-42559
24 p4156 A67-42380 #	24 p4122 A67-42425	24 p4176 A67-42470*#	24 p4105 A67-42515	24 p4109 A67-42560*
24 p4250 A67-42381*#	24 p4099 A67-42426	24 p4183 A67-42471	24 p4105 A67-42516	24 p4168 A67-42561 #
24 p4189 A67-42382	24 p4099 A67-42427	24 p4183 A67-42472	24 p4105 A67-42517 #	24 p4144 A67-42562 #
24 p4091 A67-42383 #	24 p4156 A67-42428	24 p4183 A67-42473	24 p4105 A67-42518	24 p4255 A67-42563 #
24 p4231 A67-42384 #	24 p4125 A67-42429*#	24 p4173 A67-42474*#	24 p4105 A67-42519*	24 p4144 A67-42564 #
24 p4122 A67-42385 #	24 p4125 A67-42430 #	24 p4174 A67-42475*#	24 p4106 A67-42520	24 p4198 A67-42565 #

ACCESSION NUMBER INDEX

24 p4162 A67-42566 #	24 p4232 A67-42611	24 p4113 A67-42656*	24 p4116 A67-42701 #	24 p4164 A67-42746*#
24 p4144 A67-42567 #	24 p4232 A67-42612*	24 p4123 A67-42657 #	24 p4132 A67-42702	24 p4164 A67-42747 #
24 p4144 A67-42568 #	24 p4232 A67-42613*	24 p4251 A67-42658	24 p4119 A67-42703*	24 p4165 A67-42748 #
24 p4255 A67-42569 #	24 p4232 A67-42614*	24 p4251 A67-42659	24 p4151 A67-42704	24 p4165 A67-42749 #
24 p4092 A67-42570	24 p4233 A67-42615*	24 p4092 A67-42660	24 p4116 A67-42705*	24 p4165 A67-42750 #
24 p4144 A67-42571 #	24 p4233 A67-42616	24 p4092 A67-42661	24 p4123 A67-42706	24 p4165 A67-42751*#
24 p4232 A67-42572	24 p4233 A67-42617	24 p4198 A67-42662	24 p4198 A67-42707	24 p4258 A67-42752
24 p4241 A67-42573	24 p4233 A67-42618	24 p4145 A67-42663	24 p4145 A67-42708*	24 p4092 A67-42753 #
24 p4168 A67-42574	24 p4233 A67-42619*	24 p4205 A67-42664	24 p4109 A67-42709	24 p4241 A67-42754 #
24 p4198 A67-42575	24 p4233 A67-42620	24 p4119 A67-42665*	24 p4109 A67-42710	24 p4094 A67-42755 #
24 p4198 A67-42576	24 p4233 A67-42621	24 p4191 A67-42666*	24 p4177 A67-42711*	24 p4182 A67-42756 #
24 p4204 A67-42577	24 p4210 A67-42622	24 p4181 A67-42667 #	24 p4132 A67-42712	24 p4211 A67-42757
24 p4241 A67-42578	24 p4233 A67-42623*	24 p4162 A67-42668 #	24 p4137 A67-42713	24 p4212 A67-42758
24 p4206 A67-42579	24 p4234 A67-42624*	24 p4162 A67-42669*#	24 p4123 A67-42714	24 p4212 A67-42759
24 p4206 A67-42580	24 p4234 A67-42625	24 p4162 A67-42670 #	24 p4132 A67-42715	24 p4212 A67-42760
24 p4210 A67-42581 #	24 p4234 A67-42626	24 p4162 A67-42671 #	24 p4158 A67-42716	24 p4212 A67-42761
24 p4210 A67-42582 #	24 p4234 A67-42627*	24 p4162 A67-42672 #	24 p4132 A67-42717	24 p4212 A67-42762
24 p4210 A67-42583 #	24 p4234 A67-42628*	24 p4145 A67-42673*#	24 p4123 A67-42718	24 p4212 A67-42763
24 p4118 A67-42584*	24 p4234 A67-42629	24 p4162 A67-42674*#	24 p4123 A67-42719	24 p4212 A67-42764
24 p4144 A67-42585	24 p4234 A67-42630*	24 p4163 A67-42675 #	24 p4256 A67-42720*#	24 p4212 A67-42765
24 p4144 A67-42586	24 p4234 A67-42631*	24 p4163 A67-42676*#	24 p4178 A67-42721 #	24 p4212 A67-42766
24 p4255 A67-42587	24 p4235 A67-42632	24 p4163 A67-42677 #	24 p4137 A67-42722 #	24 p4213 A67-42767
24 p4255 A67-42588	24 p4235 A67-42633	24 p4163 A67-42678 #	24 p4158 A67-42723 #	24 p4213 A67-42768
24 p4255 A67-42589	24 p4210 A67-42634	24 p4163 A67-42679*#	24 p4174 A67-42724 #	24 p4213 A67-42769
24 p4255 A67-42590	24 p4235 A67-42635*	24 p4163 A67-42680 #	24 p4168 A67-42725 #	24 p4213 A67-42770
24 p4256 A67-42591	24 p4235 A67-42636*	24 p4163 A67-42681 #	24 p4174 A67-42726*#	24 p4213 A67-42771
24 p4256 A67-42592	24 p4235 A67-42637	24 p4164 A67-42682 #	24 p4178 A67-42727 #	24 p4213 A67-42772
24 p4191 A67-42593*	24 p4235 A67-42638*	24 p4176 A67-42683 #	24 p4178 A67-42728 #	24 p4213 A67-42773
24 p4168 A67-42594	24 p4235 A67-42639*	24 p4164 A67-42684 #	24 p4179 A67-42729 #	24 p4213 A67-42774
24 p4232 A67-42595	24 p4236 A67-42640*	24 p4164 A67-42685 #	24 p4198 A67-42730*#	24 p4238 A67-42775
24 p4191 A67-42596	24 p4236 A67-42641	24 p4237 A67-42686 #	24 p4192 A67-42731*	24 p4238 A67-42776
24 p4189 A67-42597	24 p4236 A67-42642	24 p4132 A67-42687	24 p4192 A67-42732*	24 p4213 A67-42777
24 p4189 A67-42598	24 p4236 A67-42643	24 p4132 A67-42688	24 p4164 A67-42733*#	24 p4213 A67-42778
24 p4189 A67-42599	24 p4236 A67-42644*	24 p4207 A67-42689*#	24 p4256 A67-42734 #	24 p4213 A67-42779
24 p4210 A67-42600	24 p4236 A67-42645*	24 p4189 A67-42690	24 p4192 A67-42735*	24 p4213 A67-42780
24 p4118 A67-42601*	24 p4236 A67-42646	24 p4145 A67-42691	24 p4198 A67-42736	24 p4213 A67-42781
24 p4205 A67-42602*	24 p4236 A67-42647	24 p4178 A67-42692	24 p4205 A67-42737	24 p4213 A67-42782
24 p4157 A67-42603	24 p4237 A67-42648	24 p4198 A67-42693	24 p4205 A67-42738	24 p4213 A67-42783
24 p4158 A67-42604	24 p4237 A67-42649*	24 p4136 A67-42694*	24 p4205 A67-42739	24 p4214 A67-42784
24 p4232 A67-42605*	24 p4237 A67-42650	24 p4119 A67-42695*	24 p4189 A67-42740*	24 p4214 A67-42785
24 p4118 A67-42606*	24 p4237 A67-42651	24 p4136 A67-42696	24 p4158 A67-42741 #	24 p4214 A67-42786
24 p4144 A67-42607	24 p4178 A67-42652*	24 p4136 A67-42697	24 p4256 A67-42742*#	24 p4214 A67-42787
24 p4092 A67-42608*	24 p4113 A67-42653*	24 p4116 A67-42698	24 p4164 A67-42743 #	24 p4214 A67-42788
24 p4232 A67-42609	24 p4237 A67-42654	24 p4137 A67-42699	24 p4174 A67-42744 #	24 p4214 A67-42789
24 p4232 A67-42610	24 p4237 A67-42655	24 p4158 A67-42700*	24 p4164 A67-42745 #	24 p4214 A67-42790

ACCESSION NUMBER INDEX

24 p4214 A67-42791	24 p4218 A67-42836 #	24 p4222 A67-42881 #	24 p4256 A67-42926 #	24 p4243 A67-42971*#
24 p4214 A67-42792	24 p4218 A67-42837 #	24 p4182 A67-42882 #	24 p4095 A67-42927 #	24 p4116 A67-42972*#
24 p4152 A67-42793	24 p4218 A67-42838 #	24 p4124 A67-42883 #	24 p4251 A67-42928 #	24 p4096 A67-42973 #
24 p4214 A67-42794	24 p4192 A67-42839 #	24 p4238 A67-42884*#	24 p4208 A67-42929*#	24 p4096 A67-42974 #
24 p4214 A67-42795	24 p4218 A67-42840 #	24 p4152 A67-42885 #	24 p4126 A67-42930	24 p4259 A67-42975 #
24 p4214 A67-42796	24 p4218 A67-42841 #	24 p4238 A67-42886 #	24 p4124 A67-42931	24 p4243 A67-42976 #
24 p4214 A67-42797	24 p4218 A67-42842 #	24 p4186 A67-42887*	24 p4126 A67-42932	24 p4259 A67-42977*#
24 p4214 A67-42798	24 p4219 A67-42843 #	24 p4109 A67-42888	24 p4179 A67-42933	24 p4259 A67-42978*#
24 p4214 A67-42799	24 p4219 A67-42844 #	24 p4194 A67-42889	24 p4258 A67-42934 #	24 p4096 A67-42979 #
24 p4215 A67-42800	24 p4219 A67-42845 #	24 p4194 A67-42890	24 p4258 A67-42935*#	24 p4165 A67-42980*#
24 p4215 A67-42801	24 p4219 A67-42846 #	24 p4169 A67-42891	24 p4258 A67-42936*#	24 p4259 A67-42981 #
24 p4215 A67-42802	24 p4219 A67-42847 #	24 p4169 A67-42892	24 p4095 A67-42937 #	24 p4117 A67-42982 #
24 p4215 A67-42803	24 p4219 A67-42848 #	24 p4205 A67-42893	24 p4095 A67-42938 #	24 p4183 A67-42983 #
24 p4094 A67-42804*#	24 p4219 A67-42849 #	24 p4169 A67-42894	24 p4095 A67-42939*#	24 p4117 A67-42984 #
24 p4123 A67-42805	24 p4219 A67-42850 #	24 p4109 A67-42895	24 p4095 A67-42940 #	24 p4243 A67-42985*#
24 p4123 A67-42806	24 p4220 A67-42851 #	24 p4109 A67-42896*	24 p4116 A67-42941 #	24 p4238 A67-42986 #
24 p4124 A67-42807	24 p4192 A67-42852 #	24 p4251 A67-42897*	24 p4158 A67-42942 #	24 p4244 A67-42987 #
24 p4132 A67-42808	24 p4192 A67-42853 #	24 p4109 A67-42898	24 p4183 A67-42943*#	24 p4238 A67-42988*#
24 p4158 A67-42809*	24 p4193 A67-42854 #	24 p4110 A67-42899	24 p4116 A67-42944 #	24 p4117 A67-42989 #
24 p4124 A67-42810	24 p4193 A67-42855 #	24 p4179 A67-42900	24 p4257 A67-42945*#	24 p4096 A67-42990 #
24 p4205 A67-42811	24 p4193 A67-42856 #	24 p4208 A67-42901*#	24 p4208 A67-42946 #	24 p4124 A67-42991 #
24 p4124 A67-42812	24 p4193 A67-42857 #	24 p4208 A67-42902 #	24 p4139 A67-42947 #	24 p4139 A67-42992 #
24 p4205 A67-42813	24 p4193 A67-42858 #	24 p4137 A67-42903*#	24 p4187 A67-42948 #	24 p4238 A67-42993 #
24 p4124 A67-42814	24 p4193 A67-42859 #	24 p4241 A67-42904*#	24 p4242 A67-42949 #	24 p4244 A67-42994 #
24 p4133 A67-42815	24 p4193 A67-42860 #	24 p4242 A67-42905*#	24 p4258 A67-42950 #	24 p4140 A67-42995*#
24 p4124 A67-42816*	24 p4193 A67-42861 #	24 p4242 A67-42906 #	24 p4242 A67-42951*#	24 p4238 A67-42996 #
24 p4133 A67-42817*	24 p4220 A67-42862 #	24 p4182 A67-42907 #	24 p4152 A67-42952 #	24 p4244 A67-42997 #
24 p4133 A67-42818	24 p4220 A67-42863 #	24 p4182 A67-42908 #	24 p4126 A67-42953 #	24 p4187 A67-42998 #
24 p4158 A67-42819	24 p4220 A67-42864 #	24 p4242 A67-42909*#	24 p4251 A67-42954 #	24 p4117 A67-42999*#
24 p4133 A67-42820	24 p4220 A67-42865 #	24 p4182 A67-42910 #	24 p4251 A67-42955 #	24 p4244 A67-43000 #
24 p4137 A67-42821*	24 p4220 A67-42866 #	24 p4242 A67-42911 #	24 p4258 A67-42956 #	24 p4140 A67-43001 #
24 p4169 A67-42822	24 p4220 A67-42867 #	24 p4242 A67-42912 #	24 p4183 A67-42957 #	24 p4140 A67-43002 #
24 p4124 A67-42823	24 p4220 A67-42868 #	24 p4256 A67-42913 #	24 p4095 A67-42958 #	24 p4140 A67-43003 #
24 p4133 A67-42824	24 p4221 A67-42869 #	24 p4256 A67-42914 #	24 p4096 A67-42959 #	24 p4126 A67-43004 #
24 p4133 A67-42825	24 p4221 A67-42870 #	24 p4256 A67-42915*#	24 p4258 A67-42960 #	24 p4126 A67-43005 #
24 p4215 A67-42826	24 p4221 A67-42871 #	24 p4177 A67-42916 #	24 p4259 A67-42961 #	24 p4126 A67-43006 #
24 p4192 A67-42827 #	24 p4221 A67-42872 #	24 p4242 A67-42917*#	24 p4259 A67-42962 #	24 p4127 A67-43007 #
24 p4217 A67-42828 #	24 p4221 A67-42873 #	24 p4242 A67-42918*#	24 p4243 A67-42963*#	24 p4127 A67-43008 #
24 p4217 A67-42829 #	24 p4221 A67-42874 #	24 p4242 A67-42919 #	24 p4251 A67-42964*#	24 p4239 A67-43009 #
24 p4217 A67-42830 #	24 p4221 A67-42875 #	24 p4199 A67-42920*#	24 p4252 A67-42965*#	24 p4110 A67-43010*#
24 p4217 A67-42831 #	24 p4221 A67-42876 #	24 p4207 A67-42921 #	24 p4259 A67-42966 #	24 p4165 A67-43011 #
24 p4217 A67-42832 #	24 p4222 A67-42877 #	24 p4093 A67-42922*#	24 p4259 A67-42967 #	24 p4125 A67-43012 #
24 p4218 A67-42833 #	24 p4222 A67-42878 #	24 p4208 A67-42923 #	24 p4243 A67-42968 #	24 p4244 A67-43013 #
24 p4218 A67-42834 #	24 p4222 A67-42879 #	24 p4093 A67-42924*#	24 p4139 A67-42969 #	24 p4244 A67-43014 #
24 p4218 A67-42835 #	24 p4194 A67-42880 #	24 p4238 A67-42925 #	24 p4243 A67-42970*#	24 p4244 A67-43015 #

ACCESSION NUMBER INDEX

24 p4245 A67-43016 #	24 p4239 A67-43061	24 p4146 A67-43106
24 p4096 A67-43017 #	24 p4239 A67-43062	24 p4257 A67-43107
24 p4127 A67-43018 #	24 p4222 A67-43063	24 p4137 A67-43108
24 p4260 A67-43019 #	24 p4222 A67-43064	24 p4206 A67-43109
24 p4117 A67-43020*#	24 p4239 A67-43065	24 p4206 A67-43110
24 p4140 A67-43021 #	24 p4239 A67-43066	24 p4125 A67-43111
24 p4245 A67-43022*#	24 p4222 A67-43067	24 p4146 A67-43112
24 p4117 A67-43023 #	24 p4239 A67-43068	24 p4257 A67-43113
24 p4245 A67-43024 #	24 p4239 A67-43069	24 p4152 A67-43114
24 p4260 A67-43025 #	24 p4239 A67-43070	24 p4194 A67-43115*
24 p4245 A67-43026 #	24 p4239 A67-43071	24 p4159 A67-43116 #
24 p4096 A67-43027 #	24 p4239 A67-43072	
24 p4096 A67-43028*#	24 p4239 A67-43073	
24 p4097 A67-43029 #	24 p4158 A67-43074	
24 p4097 A67-43030 #	24 p4190 A67-43075	
24 p4097 A67-43031 #	24 p4239 A67-43076	
24 p4260 A67-43032*#	24 p4239 A67-43077	
24 p4245 A67-43033 #	24 p4240 A67-43078	
24 p4245 A67-43034 #	24 p4179 A67-43079 #	
24 p4127 A67-43035 #	24 p4199 A67-43080 #	
24 p4133 A67-43036 #	24 p4179 A67-43081	
24 p4245 A67-43037 #	24 p4180 A67-43082	
24 p4127 A67-43038*#	24 p4145 A67-43083	
24 p4127 A67-43039 #	24 p4180 A67-43084	
24 p4140 A67-43040 #	24 p4180 A67-43085	
24 p4260 A67-43041 #	24 p4145 A67-43086	
24 p4260 A67-43042 #	24 p4145 A67-43087	
24 p4110 A67-43043 #	24 p4180 A67-43088	
24 p4246 A67-43044 #	24 p4133 A67-43089	
24 p4117 A67-43045 #	24 p4180 A67-43090	
24 p4118 A67-43046 #	24 p4180 A67-43091	
24 p4260 A67-43047 #	24 p4257 A67-43092	
24 p4097 A67-43048 #	24 p4125 A67-43093	
24 p4127 A67-43049 #	24 p4190 A67-43094	
24 p4260 A67-43050 #	24 p4146 A67-43095	
24 p4260 A67-43051*#	24 p4252 A67-43096	
24 p4125 A67-43052*#	24 p4159 A67-43097 #	
24 p4208 A67-43053 #	24 p4205 A67-43098 #	
24 p4187 A67-43054 #	24 p4205 A67-43099 #	
24 p4110 A67-43055 #	24 p4206 A67-43100 #	
24 p4166 A67-43056 #	24 p4199 A67-43101*#	
24 p4110 A67-43057 #	24 p4199 A67-43102 #	
24 p4246 A67-43058 #	24 p4169 A67-43103 #	
24 p4246 A67-43059*#	24 p4199 A67-43104 #	
24 p4127 A67-43060*#	24 p4169 A67-43105 #	



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